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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM1
Livello (cm)	(0-25)
Peso totale (g)	84.4
Frazione > 63 μm (%)	73.5
Frazione < 63 μm (%)	26.5

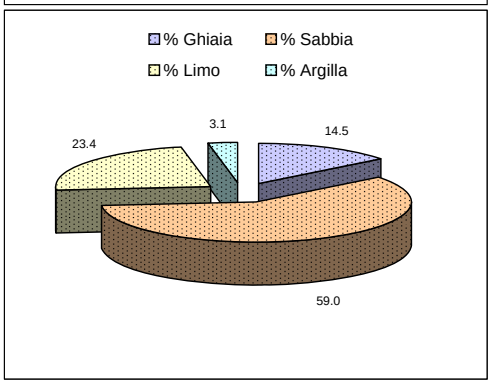
Frazione grossolana (> 63 μm) = 73.5	
% Ghiaia	% Sabbia
14.5	59.0

Frazione pelitica (< 63 μm) = 26.5	
% Limo	% Argilla
23.4	3.1

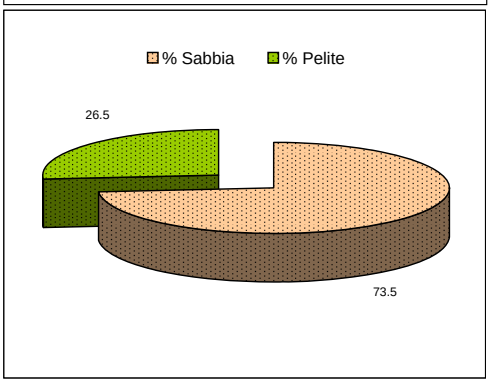
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.256
Deviazione Standard	2.839
Asimmetria (Skewness)	-0.013
Appuntimento (Kurtosis)	1.179
Mediana (Φ)	2.307
Moda (Φ)	2.000

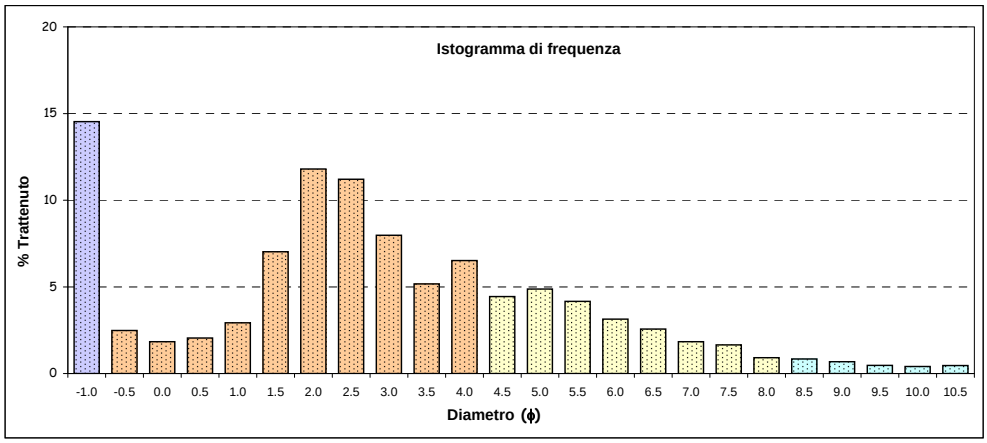
Percentili (Φ)	
5	-1.787
16	-0.727
25	1.072
50	2.307
75	4.193
84	5.188
95	7.194

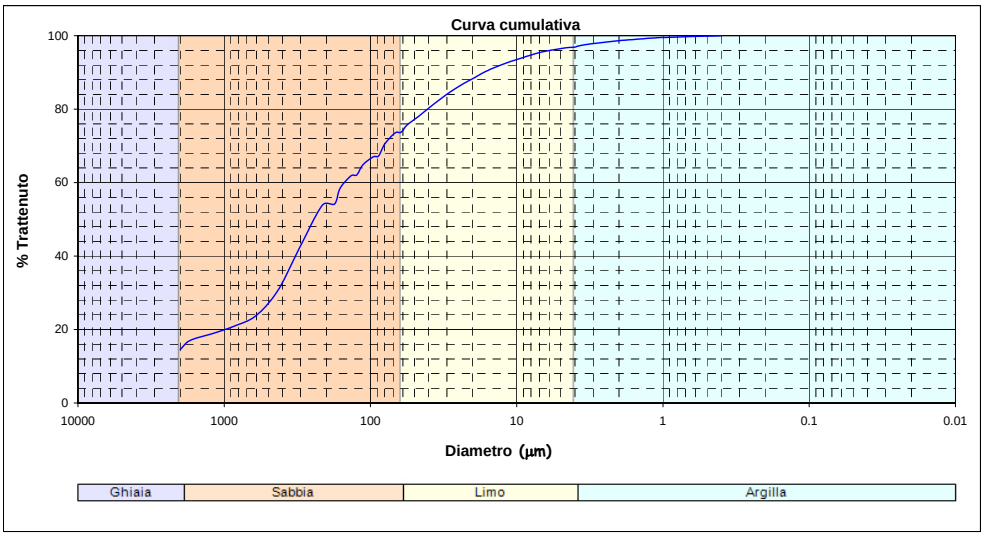
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	14.54%	14.54%
2000	-1	2.49%	17.03%
1414.21	-0.5		
1414.21	-0.5	1.84%	18.86%
1000	0		
1000	0	2.05%	20.91%
707.11	0.5		
707.11	0.5	2.93%	23.84%
500	1		
500	1	7.03%	30.86%
353.55	1.5		
353.55	1.5	11.80%	42.66%
250	2		
250	2	11.21%	53.87%
176.78	2.5		
176.78	2.5	0.27%	54.15%
175	2.515		
175	2.515	4.31%	58.46%
147	2.766		
147	2.766	3.39%	61.85%
125	3		
125	3	0.26%	62.10%
123	3.023		
123	3.023	2.67%	64.78%
103	3.279		
103	3.279	2.24%	67.02%
88.39	3.5		
88.39	3.5	0.26%	67.28%
87	3.523		
87	3.523	3.21%	70.49%
73	3.776		
73	3.776	3.05%	73.54%
62.5	4		
62.5	4	0.19%	73.73%
61	4.035		
61	4.035	2.02%	75.75%
51	4.293		
51	4.293	2.23%	77.98%
43	4.54		
43	4.54	2.44%	80.42%
36	4.796		
36	4.796	2.43%	82.85%
30	5.059		
30	5.059	2.24%	85.09%
25	5.322		
25	5.322	1.93%	87.02%
21	5.573		
21	5.573	1.53%	88.55%
18	5.796		
18	5.796	1.61%	90.16%
15	6.059		
15	6.059	1.40%	91.56%
12.5	6.322		
12.5	6.322	1.16%	92.72%
10.5	6.573		
10.5	6.573	0.90%	93.62%
9	6.796		
9	6.796	0.94%	94.56%
7.5	7.059		
7.5	7.059	0.98%	95.54%
6	7.381		
6	7.381	0.68%	96.22%
5	7.644		
5	7.644	0.49%	96.70%
4.3	7.861		
4.3	7.861	0.21%	96.92%
4	7.966		
4	7.966	0.21%	97.13%
3.7	8.078		
3.7	8.078	0.45%	97.58%
3.1	8.334		
3.1	8.334	0.39%	97.97%
2.6	8.587		
2.6	8.587	0.33%	98.30%
2.2	8.828		
2.2	8.828	0.35%	98.65%
1.8	9.118		
1.8	9.118	0.28%	98.93%
1.5	9.381		
1.5	9.381	0.19%	99.12%
1.3	9.587		
1.3	9.587	0.20%	99.32%
1.1	9.828		
1.1	9.828	0.21%	99.53%
0.9	10.118		
< 0,900	> 10,118	0.47%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM1
Livello (cm)	(25-50)
Peso totale (g)	30.3
Frazione > 63 μm (%)	34.5
Frazione < 63 μm (%)	65.5

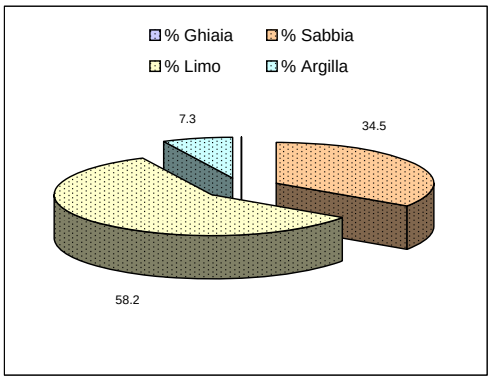
Frazione grossolana (> 63 μm) = 34.5	
% Ghiaia	% Sabbia
0.0	34.5

Frazione pelitica (< 63 μm) = 65.5	
% Limo	% Argilla
58.2	7.3

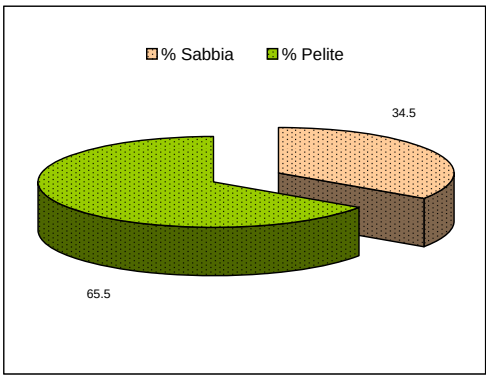
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.744
Deviazione Standard	1.988
Asimmetria (Skewness)	0.111
Appuntimento (Kurtosis)	1.264
Mediana (Φ)	4.615
Moda (Φ)	4.500

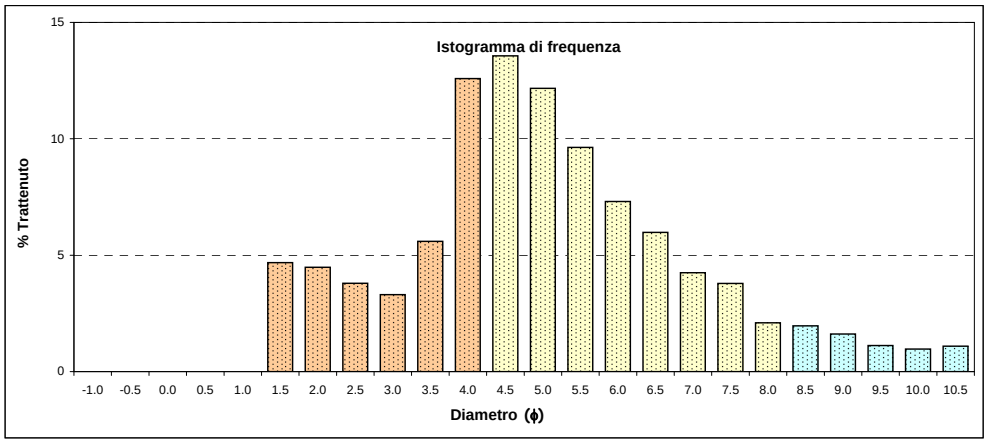
Percentili (Φ)	
5	1.530
16	2.953
25	3.636
50	4.615
75	5.905
84	6.665
95	8.529

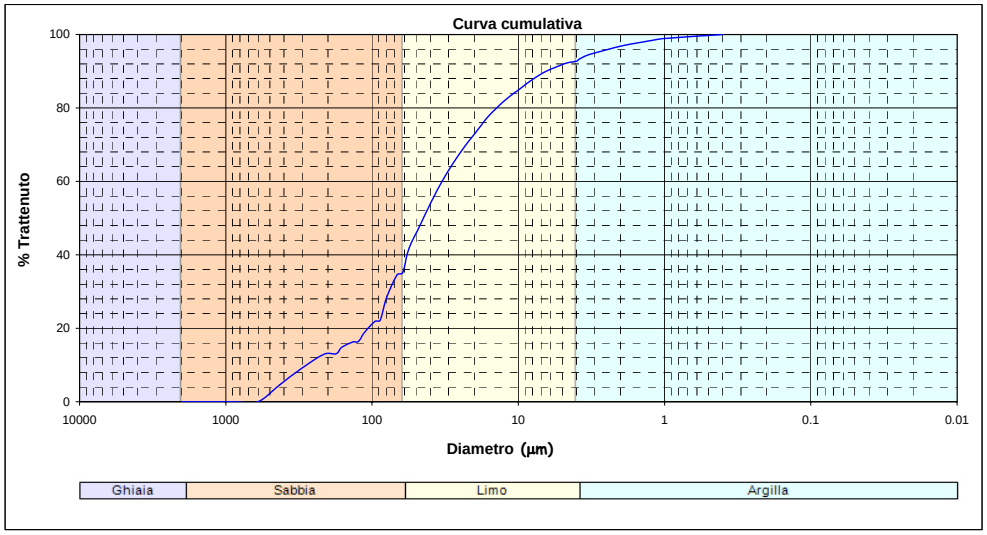
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	4.68%	4.68%
353.55	1.5		
353.55	1.5	4.48%	9.17%
250	2		
250	2	3.79%	12.96%
176.78	2.5		
176.78	2.5	0.11%	13.07%
175	2.515		
175	2.515	1.77%	14.84%
147	2.766		
147	2.766	1.43%	16.27%
125	3		
125	3	0.16%	16.43%
123	3.023		
123	3.023	2.38%	18.81%
103	3.279		
103	3.279	3.06%	21.87%
88.39	3.5		
88.39	3.5	0.38%	22.25%
87	3.523		
87	3.523	5.87%	28.12%
73	3.776		
73	3.776	6.34%	34.45%
62.5	4		
62.5	4	0.69%	35.15%
61	4.035		
61	4.035	6.48%	41.63%
51	4.293		
51	4.293	6.39%	48.01%
43	4.54		
43	4.54	6.32%	54.34%
36	4.796		
36	4.796	5.85%	60.18%
30	5.059		
30	5.059	5.19%	65.37%
25	5.322		
25	5.322	4.44%	69.81%
21	5.573		
21	5.573	3.54%	73.36%
18	5.796		
18	5.796	3.76%	77.12%
15	6.059		
15	6.059	3.28%	80.39%
12.5	6.322		
12.5	6.322	2.71%	83.10%
10.5	6.573		
10.5	6.573	2.09%	85.19%
9	6.796		
9	6.796	2.16%	87.35%
7.5	7.059		
7.5	7.059	2.24%	89.60%
6	7.381		
6	7.381	1.54%	91.14%
5	7.644		
5	7.644	1.11%	92.25%
4.3	7.861		
4.3	7.861	0.49%	92.74%
4	7.966		
4	7.966	0.49%	93.24%
3.7	8.078		
3.7	8.078	1.04%	94.28%
3.1	8.334		
3.1	8.334	0.92%	95.20%
2.6	8.587		
2.6	8.587	0.78%	95.98%
2.2	8.828		
2.2	8.828	0.83%	96.82%
1.8	9.118		
1.8	9.118	0.66%	97.48%
1.5	9.381		
1.5	9.381	0.46%	97.94%
1.3	9.587		
1.3	9.587	0.48%	98.41%
1.1	9.828		
1.1	9.828	0.49%	98.91%
0.9	10.118		
< 0,900	> 10,118	1.09%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM1
Livello (cm)	(50-75)
Peso totale (g)	34.2
Frazione > 63 μm (%)	78.8
Frazione < 63 μm (%)	21.2

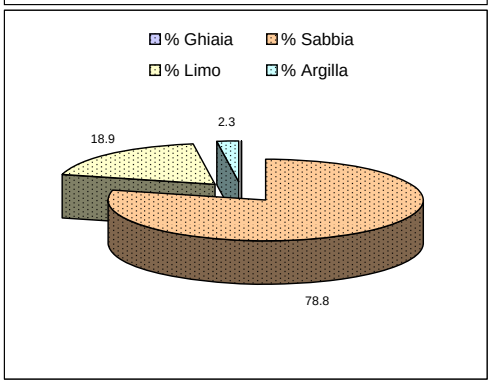
Frazione grossolana (> 63 μm) = 78.8	
% Ghiaia	% Sabbia
0.0	78.8

Frazione pelitica (< 63 μm) = 21.2	
% Limo	% Argilla
18.9	2.3

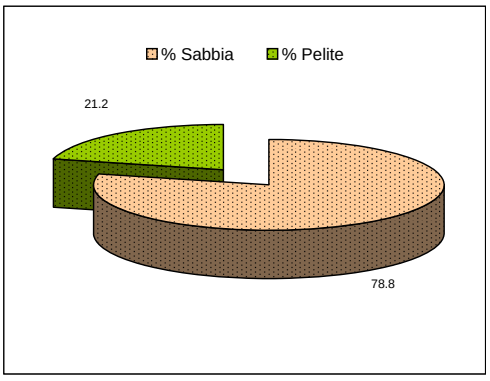
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.219
Deviazione Standard	1.614
Asimmetria (Skewness)	0.162
Appuntimento (Kurtosis)	1.264
Mediana (Φ)	3.183
Moda (Φ)	4.000

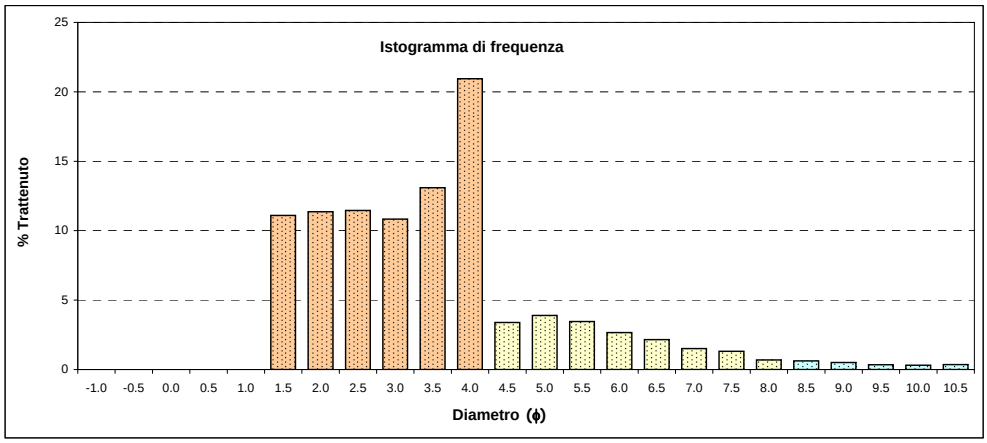
Percentili (Φ)	
5	1.204
16	1.695
25	2.096
50	3.183
75	3.899
84	4.779
95	6.766

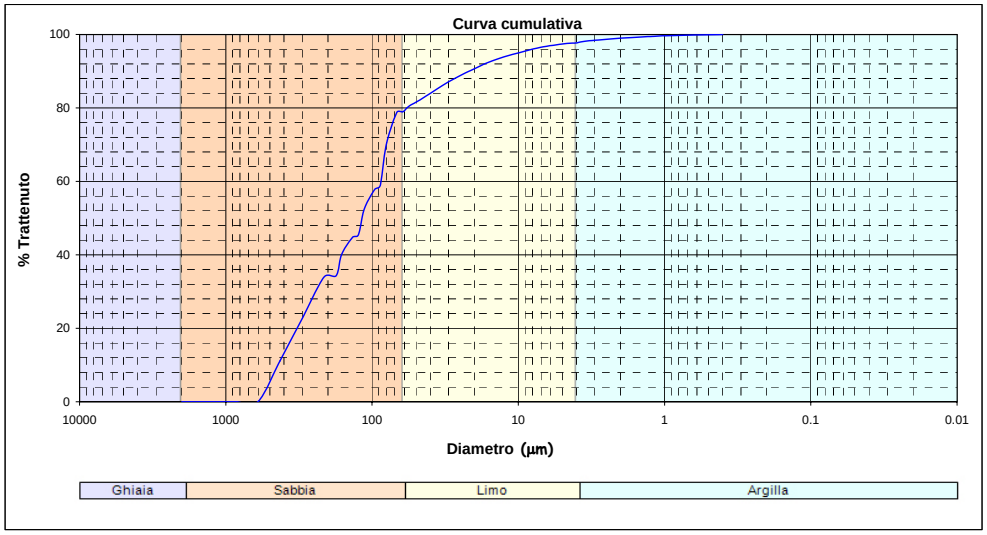
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	11.10%	11.10%
353.55	1.5		
353.55	1.5	11.37%	22.47%
250	2		
250	2	11.46%	33.93%
176.78	2.5		
176.78	2.5	0.37%	34.30%
175	2.515		
175	2.515	5.86%	40.16%
147	2.766		
147	2.766	4.60%	44.76%
125	3		
125	3	0.70%	45.46%
123	3.023		
123	3.023	7.05%	52.51%
103	3.279		
103	3.279	5.34%	57.85%
88.39	3.5		
88.39	3.5	1.06%	58.91%
87	3.523		
87	3.523	11.08%	70.00%
73	3.776		
73	3.776	8.80%	78.79%
62.5	4		
62.5	4	0.14%	78.93%
61	4.035		
61	4.035	1.52%	80.45%
51	4.293		
51	4.293	1.73%	82.18%
43	4.54		
43	4.54	1.94%	84.11%
36	4.796		
36	4.796	1.97%	86.08%
30	5.059		
30	5.059	1.85%	87.93%
25	5.322		
25	5.322	1.61%	89.54%
21	5.573		
21	5.573	1.29%	90.83%
18	5.796		
18	5.796	1.36%	92.20%
15	6.059		
15	6.059	1.18%	93.38%
12.5	6.322		
12.5	6.322	0.97%	94.35%
10.5	6.573		
10.5	6.573	0.74%	95.09%
9	6.796		
9	6.796	0.76%	95.86%
7.5	7.059		
7.5	7.059	0.78%	96.64%
6	7.381		
6	7.381	0.53%	97.17%
5	7.644		
5	7.644	0.37%	97.54%
4.3	7.861		
4.3	7.861	0.16%	97.70%
4	7.966		
4	7.966	0.16%	97.86%
3.7	8.078		
3.7	8.078	0.33%	98.20%
3.1	8.334		
3.1	8.334	0.29%	98.49%
2.6	8.587		
2.6	8.587	0.24%	98.73%
2.2	8.828		
2.2	8.828	0.26%	98.99%
1.8	9.118		
1.8	9.118	0.21%	99.19%
1.5	9.381		
1.5	9.381	0.14%	99.34%
1.3	9.587		
1.3	9.587	0.15%	99.49%
1.1	9.828		
1.1	9.828	0.16%	99.64%
0.9	10.118		
< 0,900	> 10,118	0.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM1
Livello (cm)	(75-100)
Peso totale (g)	81.8
Frazione > 63 μm (%)	42.8
Frazione < 63 μm (%)	57.2

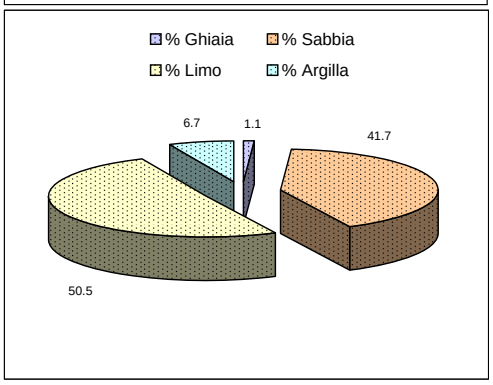
Frazione grossolana (> 63 μm) = 42.8	
% Ghiaia	% Sabbia
1.1	41.7

Frazione pelitica (< 63 μm) = 57.2	
% Limo	% Argilla
50.5	6.7

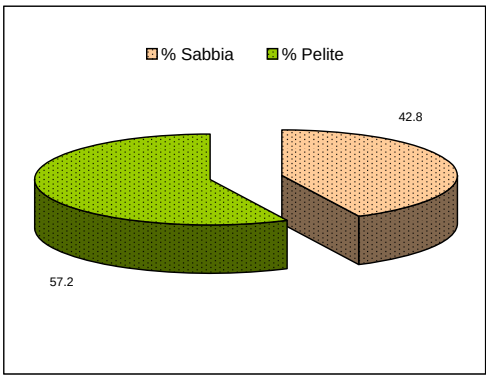
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.481
Deviazione Standard	2.228
Asimmetria (Skewness)	-0.002
Appuntimento (Kurtosis)	1.039
Mediana (Φ)	4.540
Moda (Φ)	4.000

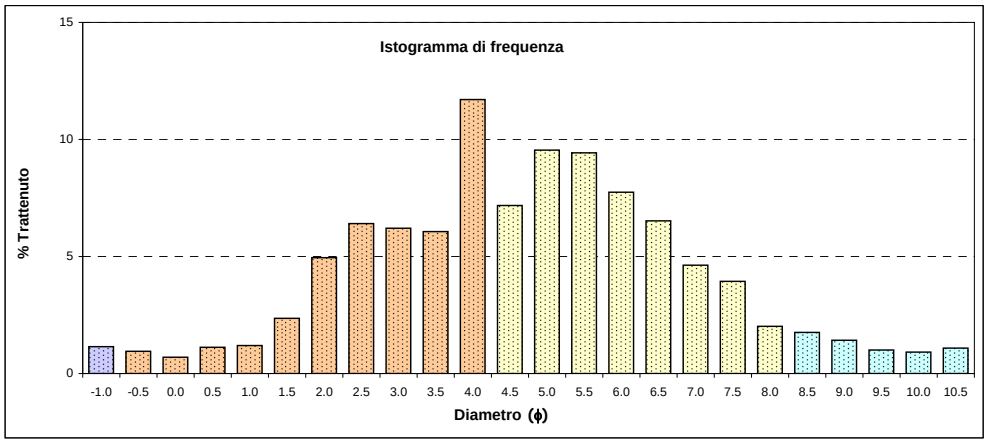
Percentili (Φ)	
5	0.941
16	2.257
25	2.996
50	4.540
75	5.942
84	6.645
95	8.405

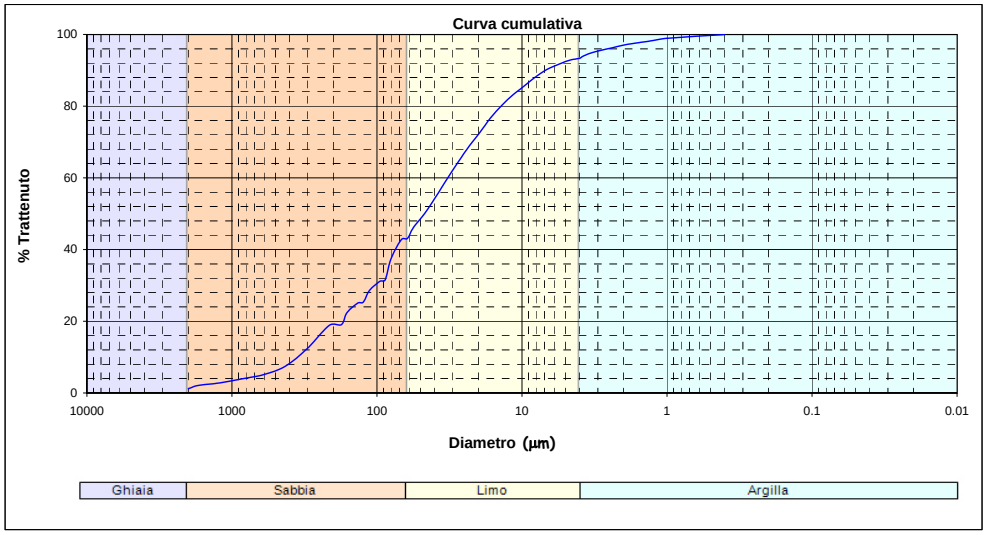
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	1.15%	1.15%
2000	-1	0.95%	2.10%
1414.21	-0.5		
1414.21	-0.5	0.70%	2.80%
1000	0		
1000	0	1.12%	3.92%
707.11	0.5		
707.11	0.5	1.20%	5.12%
500	1		
500	1	2.36%	7.48%
353.55	1.5		
353.55	1.5	4.95%	12.43%
250	2		
250	2	6.40%	18.83%
176.78	2.5		
176.78	2.5	0.21%	19.05%
175	2.515		
175	2.515	3.36%	22.40%
147	2.766		
147	2.766	2.64%	25.04%
125	3		
125	3	0.32%	25.36%
123	3.023		
123	3.023	3.15%	28.51%
103	3.279		
103	3.279	2.60%	31.11%
88.39	3.5		
88.39	3.5	0.50%	31.61%
87	3.523		
87	3.523	5.82%	37.43%
73	3.776		
73	3.776	5.38%	42.81%
62.5	4		
62.5	4	0.26%	43.07%
61	4.035		
61	4.035	3.11%	46.18%
51	4.293		
51	4.293	3.81%	49.99%
43	4.54		
43	4.54	4.58%	54.57%
36	4.796		
36	4.796	4.96%	59.54%
30	5.059		
30	5.059	4.93%	64.47%
25	5.322		
25	5.322	4.50%	68.96%
21	5.573		
21	5.573	3.72%	72.68%
18	5.796		
18	5.796	4.03%	76.71%
15	6.059		
15	6.059	3.56%	80.26%
12.5	6.322		
12.5	6.322	2.96%	83.23%
10.5	6.573		
10.5	6.573	2.29%	85.51%
9	6.796		
9	6.796	2.34%	87.85%
7.5	7.059		
7.5	7.059	2.37%	90.22%
6	7.381		
6	7.381	1.57%	91.79%
5	7.644		
5	7.644	1.09%	92.88%
4.3	7.861		
4.3	7.861	0.47%	93.34%
4	7.966		
4	7.966	0.47%	93.81%
3.7	8.078		
3.7	8.078	0.94%	94.75%
3.1	8.334		
3.1	8.334	0.82%	95.57%
2.6	8.587		
2.6	8.587	0.69%	96.26%
2.2	8.828		
2.2	8.828	0.73%	96.99%
1.8	9.118		
1.8	9.118	0.59%	97.58%
1.5	9.381		
1.5	9.381	0.42%	98.00%
1.3	9.587		
1.3	9.587	0.44%	98.44%
1.1	9.828		
1.1	9.828	0.47%	98.91%
0.9	10.118		
< 0,900	> 10,118	1.09%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM2
Livello (cm)	(0-25)
Peso totale (g)	69.4
Frazione > 63 μm (%)	98.4
Frazione < 63 μm (%)	1.6

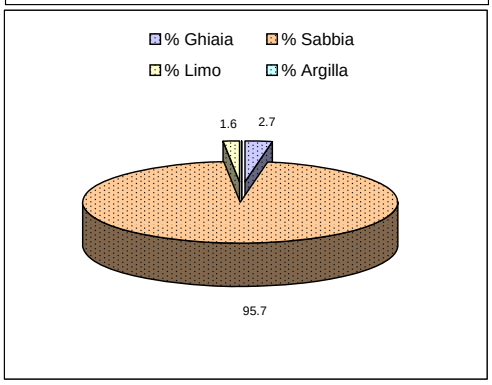
Frazione grossolana (> 63 μm) = 98.4	
% Ghiaia	% Sabbia
2.7	95.7

Frazione pelitica (< 63 μm) = 1.6	
% Limo	% Argilla
1.6	0.0

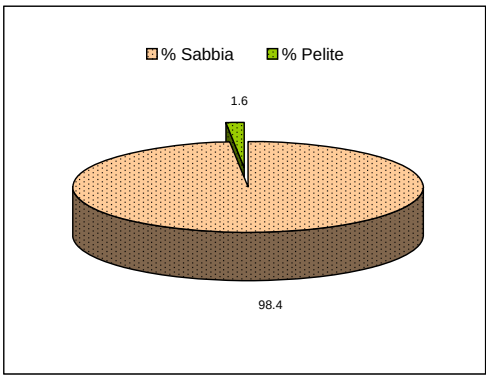
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.716
Deviazione Standard	0.782
Asimmetria (Skewness)	-0.056
Appuntimento (Kurtosis)	1.312
Mediana (Φ)	1.700
Moda (Φ)	2.000

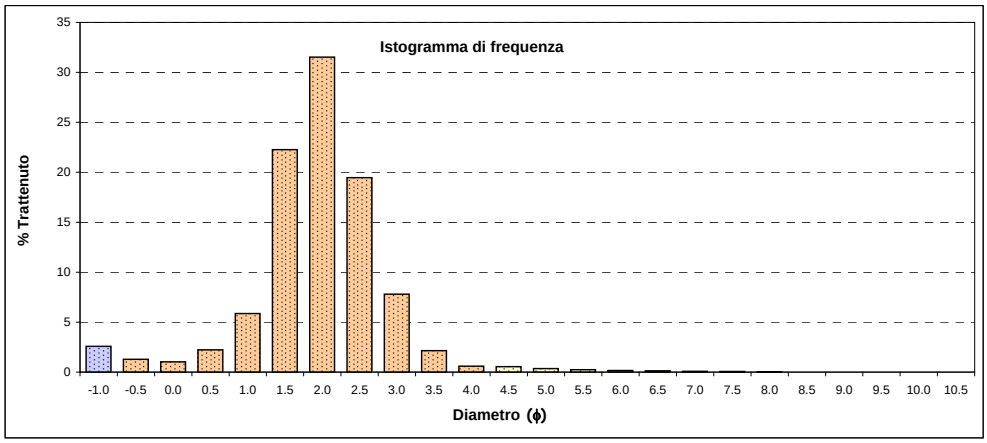
Percentili (Φ)	
5	0.008
16	1.054
25	1.239
50	1.700
75	2.161
84	2.394
95	2.957

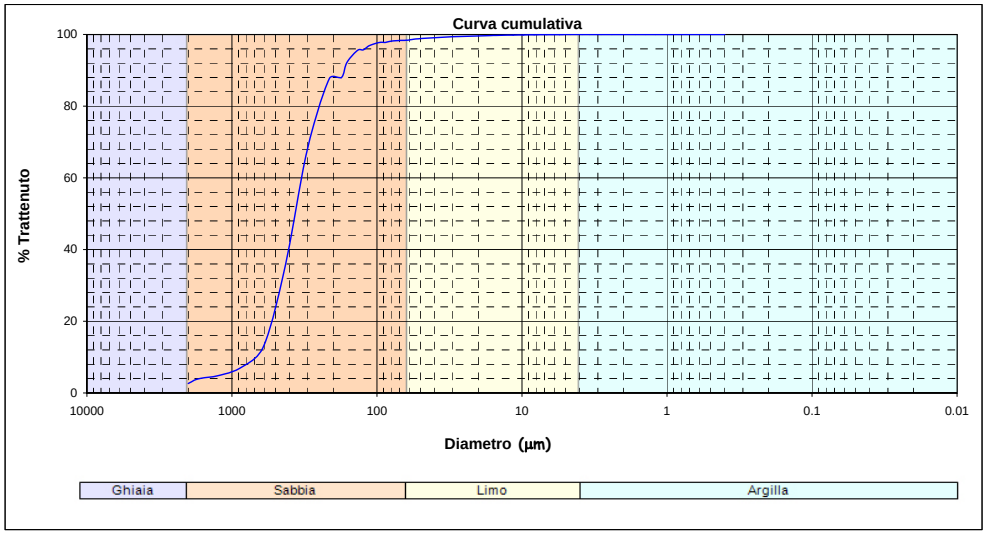
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	2.58%	2.62%
2000	-1	1.28%	3.92%
1414.21	-0.5		
1414.21	-0.5	1.02%	4.96%
1000	0		
1000	0	2.22%	7.22%
707.11	0.5		
707.11	0.5	5.87%	13.18%
500	1		
500	1	22.26%	35.82%
353.55	1.5		
353.55	1.5	31.53%	67.87%
250	2		
250	2	19.46%	87.66%
176.78	2.5		
176.78	2.5	0.27%	87.93%
175	2.515		
175	2.515	4.21%	92.21%
147	2.766		
147	2.766	3.31%	95.58%
125	3		
125	3	0.12%	95.70%
123	3.023		
123	3.023	1.17%	96.89%
103	3.279		
103	3.279	0.85%	97.75%
88.39	3.5		
88.39	3.5	0.03%	97.79%
87	3.523		
87	3.523	0.32%	98.11%
73	3.776		
73	3.776	0.24%	98.36%
62.5	4		
62.5	4	0.04%	98.40%
61	4.035		
61	4.035	0.28%	98.68%
51	4.293		
51	4.293	0.22%	98.91%
43	4.54		
43	4.54	0.19%	99.10%
36	4.796		
36	4.796	0.17%	99.27%
30	5.059		
30	5.059	0.14%	99.41%
25	5.322		
25	5.322	0.11%	99.52%
21	5.573		
21	5.573	0.08%	99.61%
18	5.796		
18	5.796	0.08%	99.69%
15	6.059		
15	6.059	0.07%	99.76%
12.5	6.322		
12.5	6.322	0.06%	99.82%
10.5	6.573		
10.5	6.573	0.04%	99.86%
9	6.796		
9	6.796	0.04%	99.90%
7.5	7.059		
7.5	7.059	0.04%	99.94%
6	7.381		
6	7.381	0.03%	99.97%
5	7.644		
5	7.644	0.02%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM2**
Livello (cm)	**(25-50)**
Peso totale (g)	107.9
Frazione > 63 μm (%)	98.4
Frazione < 63 μm (%)	1.6

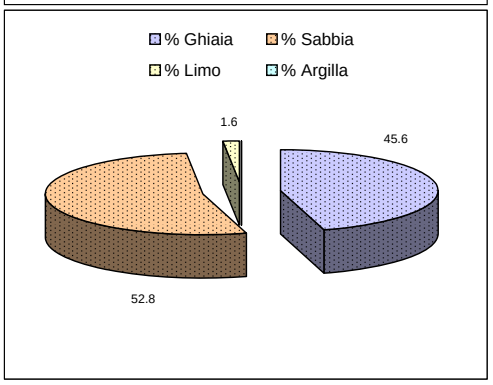
Frazione grossolana (> 63 μm) = 98.4	
% Ghiaia	**% Sabbia**
45.6	**52.8**

Frazione pelitica (< 63 μm) = 1.6	
% Limo	**% Argilla**
1.6	**0.0**

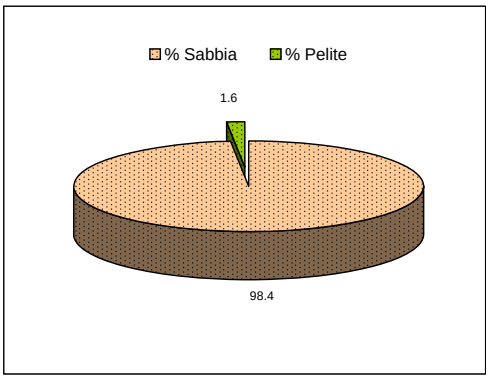
Parametri statistici (Folk & Ward***)	
Media (Φ)	-0.487
Deviazione Standard	1.847
Asimmetria (Skewness)	-0.029
Appuntimento (Kurtosis)	0.703
Mediana (Φ)	-0.410
Moda (Φ)	1.500

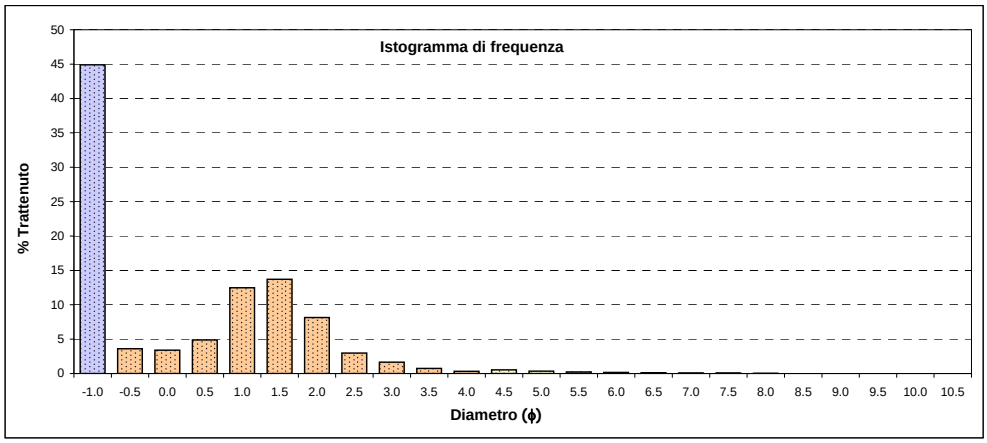
Percentili (Φ)	
5	-3.170
16	-2.536
25	-2.087
50	-0.410
75	1.147
84	1.486
95	2.381

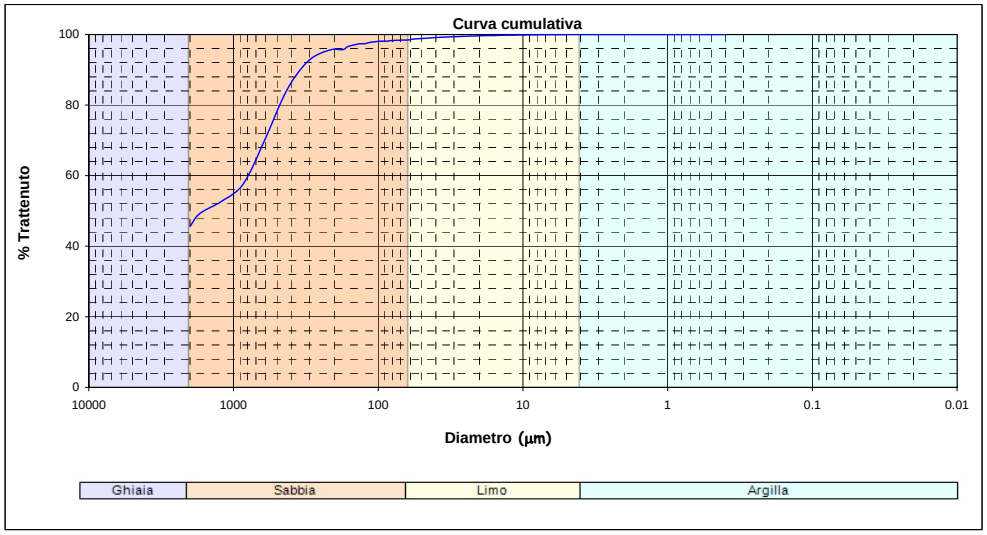
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	44.90%	45.63%
2000	-1	3.60%	49.29%
1414.21	-0.5		
1414.21	-0.5	3.40%	52.75%
1000	0		
1000	0	4.89%	57.71%
707.11	0.5		
707.11	0.5	12.48%	70.40%
500	1		
500	1	13.71%	84.33%
353.55	1.5		
353.55	1.5	8.14%	92.60%
250	2		
250	2	2.98%	95.63%
176.78	2.5		
176.78	2.5	0.06%	95.69%
175	2.515		
175	2.515	0.90%	96.60%
147	2.766		
147	2.766	0.71%	97.32%
125	3		
125	3	0.04%	97.36%
123	3.023		
123	3.023	0.41%	97.77%
103	3.279		
103	3.279	0.30%	98.08%
88.39	3.5		
88.39	3.5	0.02%	98.09%
87	3.523		
87	3.523	0.17%	98.27%
73	3.776		
73	3.776	0.13%	98.40%
62.5	4		
62.5	4	0.04%	98.44%
61	4.035		
61	4.035	0.27%	98.71%
51	4.293		
51	4.293	0.22%	98.93%
43	4.54		
43	4.54	0.19%	99.12%
36	4.796		
36	4.796	0.16%	99.29%
30	5.059		
30	5.059	0.13%	99.43%
25	5.322		
25	5.322	0.11%	99.54%
21	5.573		
21	5.573	0.08%	99.62%
18	5.796		
18	5.796	0.08%	99.70%
15	6.059		
15	6.059	0.07%	99.77%
12.5	6.322		
12.5	6.322	0.05%	99.82%
10.5	6.573		
10.5	6.573	0.04%	99.86%
9	6.796		
9	6.796	0.04%	99.90%
7.5	7.059		
7.5	7.059	0.04%	99.95%
6	7.381		
6	7.381	0.03%	99.97%
5	7.644		
5	7.644	0.02%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM2
Livello (cm)	(50-90)
Peso totale (g)	212.7
Frazione > 63 μm (%)	98.5
Frazione < 63 μm (%)	1.5

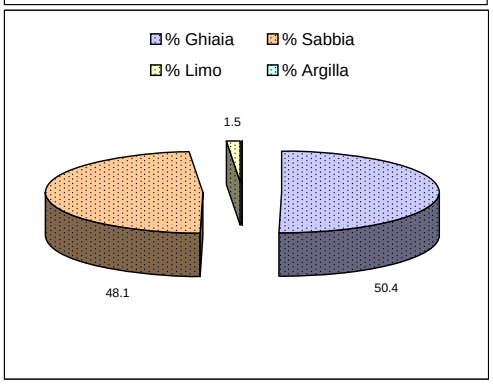
Frazione grossolana (> 63 μm) = 98.5	
% Ghiaia	% Sabbia
50.4	48.1

Frazione pelitica (< 63 μm) = 1.5	
% Limo	% Argilla
1.5	0.0

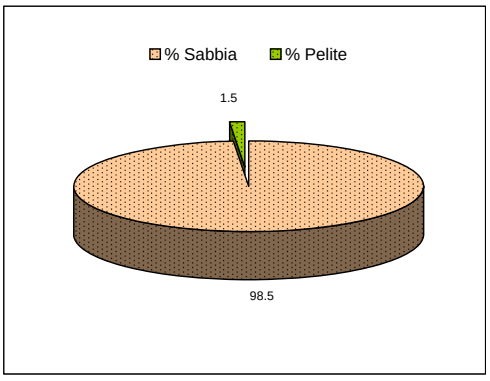
Parametri statistici (Folk & Ward***)	
Media (Φ)	-0.578
Deviazione Standard	1.799
Asimmetria (Skewness)	0.154
Appuntimento (Kurtosis)	0.660
Mediana (Φ)	-1.046
Moda (Φ)	1.500

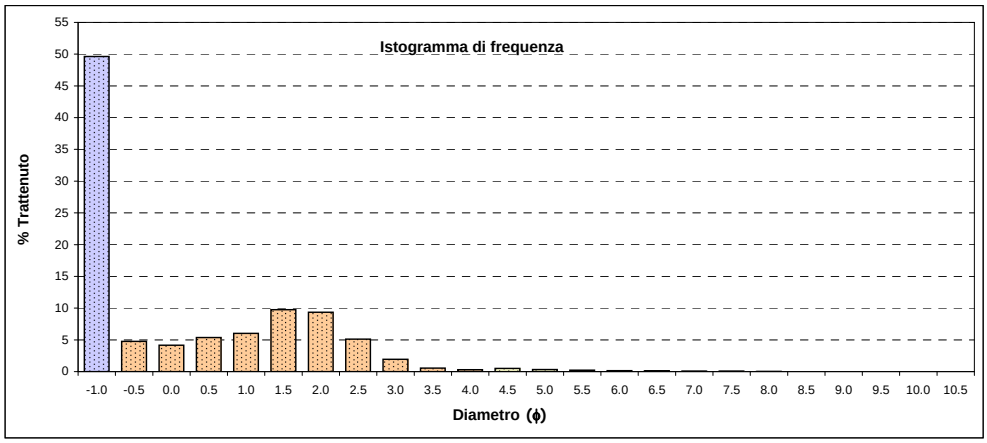
Percentili (Φ)	
5	-2.807
16	-2.379
25	-2.070
50	-1.000
75	1.181
84	1.644
95	2.432

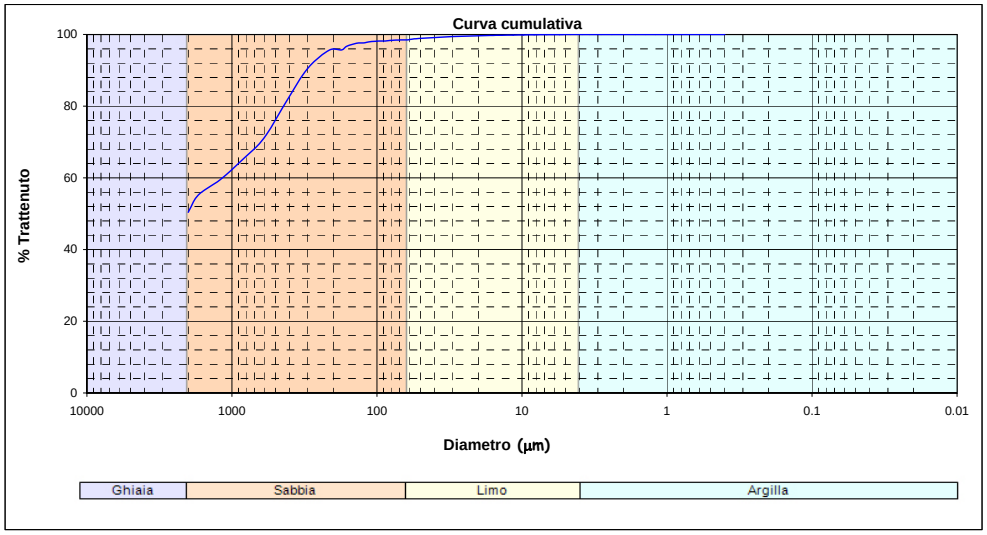
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	49.63%	50.41%
2000	-1	4.76%	55.24%
1414.21	-0.5		
1414.21	-0.5	4.15%	59.45%
1000	0		
1000	0	5.37%	64.90%
707.11	0.5		
707.11	0.5	6.02%	71.02%
500	1		
500	1	9.75%	80.92%
353.55	1.5		
353.55	1.5	9.34%	90.40%
250	2		
250	2	5.12%	95.61%
176.78	2.5		
176.78	2.5	0.07%	95.67%
175	2.515		
175	2.515	1.05%	96.74%
147	2.766		
147	2.766	0.83%	97.58%
125	3		
125	3	0.03%	97.62%
123	3.023		
123	3.023	0.31%	97.93%
103	3.279		
103	3.279	0.22%	98.15%
88.39	3.5		
88.39	3.5	0.02%	98.17%
87	3.523		
87	3.523	0.16%	98.34%
73	3.776		
73	3.776	0.12%	98.46%
62.5	4		
62.5	4	0.04%	98.50%
61	4.035		
61	4.035	0.26%	98.76%
51	4.293		
51	4.293	0.21%	98.97%
43	4.54		
43	4.54	0.18%	99.16%
36	4.796		
36	4.796	0.16%	99.32%
30	5.059		
30	5.059	0.13%	99.45%
25	5.322		
25	5.322	0.10%	99.55%
21	5.573		
21	5.573	0.08%	99.63%
18	5.796		
18	5.796	0.08%	99.71%
15	6.059		
15	6.059	0.06%	99.78%
12.5	6.322		
12.5	6.322	0.05%	99.83%
10.5	6.573		
10.5	6.573	0.04%	99.87%
9	6.796		
9	6.796	0.04%	99.91%
7.5	7.059		
7.5	7.059	0.04%	99.95%
6	7.381		
6	7.381	0.03%	99.97%
5	7.644		
5	7.644	0.02%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM2
Livello (cm)	(90-115)
Peso totale (g)	38.6
Frazione > 63 µm (%)	49.9
Frazione < 63 µm (%)	50.1

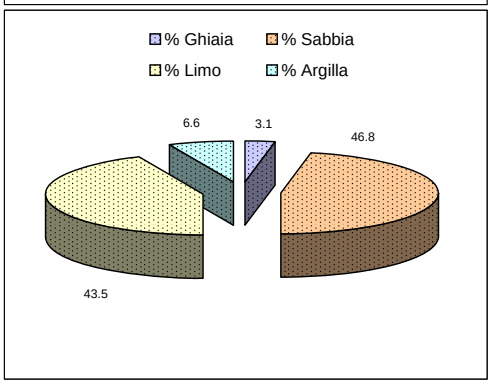
Frazione grossolana (> 63 µm) = 49.9	
% Ghiaia	% Sabbia
3.1	46.8

Frazione pelitica (< 63 µm) = 50.1	
% Limo	% Argilla
43.5	6.6

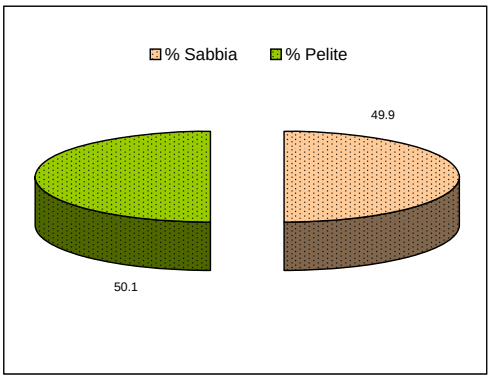
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.891
Deviazione Standard	2.708
Asimmetria (Skewness)	-0.049
Appuntimento (Kurtosis)	0.932
Mediana (Φ)	4.014
Moda (Φ)	2.000

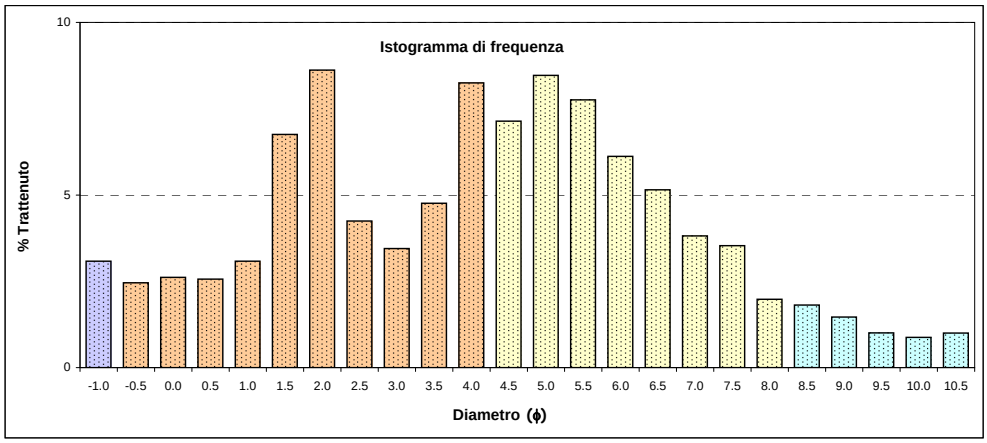
Percentili (Φ)	
5	-0.626
16	1.145
25	1.736
50	4.014
75	5.702
84	6.515
95	8.388

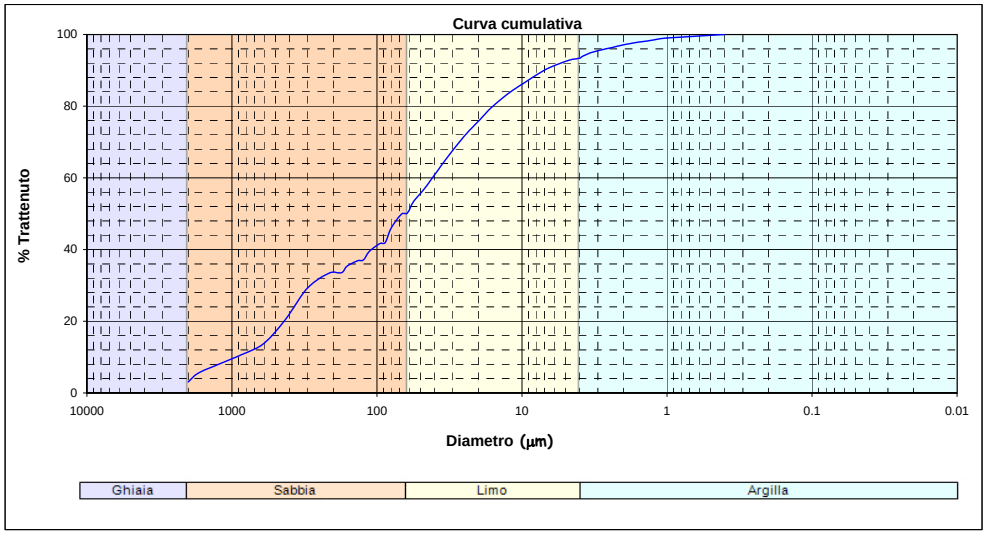
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	3.08%	3.08%
2000	-1	2.46%	5.54%
1414.21	-0.5		
1414.21	-0.5	2.62%	8.16%
1000	0		
1000	0	2.56%	10.72%
707.11	0.5		
707.11	0.5	3.08%	13.80%
500	1		
500	1	6.76%	20.56%
353.55	1.5		
353.55	1.5	8.62%	29.18%
250	2		
250	2	4.25%	33.42%
176.78	2.5		
176.78	2.5	0.12%	33.54%
175	2.515		
175	2.515	1.82%	35.36%
147	2.766		
147	2.766	1.51%	36.87%
125	3		
125	3	0.21%	37.08%
123	3.023		
123	3.023	2.39%	39.47%
103	3.279		
103	3.279	2.16%	41.63%
88.39	3.5		
88.39	3.5	0.32%	41.95%
87	3.523		
87	3.523	3.98%	45.93%
73	3.776		
73	3.776	3.95%	49.88%
62.5	4		
62.5	4	0.29%	50.17%
61	4.035		
61	4.035	3.19%	53.36%
51	4.293		
51	4.293	3.66%	57.02%
43	4.54		
43	4.54	4.16%	61.18%
36	4.796		
36	4.796	4.31%	65.48%
30	5.059		
30	5.059	4.11%	69.60%
25	5.322		
25	5.322	3.64%	73.24%
21	5.573		
21	5.573	2.95%	76.19%
18	5.796		
18	5.796	3.17%	79.36%
15	6.059		
15	6.059	2.80%	82.16%
12.5	6.322		
12.5	6.322	2.35%	84.51%
10.5	6.573		
10.5	6.573	1.85%	86.36%
9	6.796		
9	6.796	1.96%	88.33%
7.5	7.059		
7.5	7.059	2.08%	90.41%
6	7.381		
6	7.381	1.45%	91.86%
5	7.644		
5	7.644	1.05%	92.91%
4.3	7.861		
4.3	7.861	0.46%	93.37%
4	7.966		
4	7.966	0.46%	93.84%
3.7	8.078		
3.7	8.078	0.97%	94.80%
3.1	8.334		
3.1	8.334	0.85%	95.65%
2.6	8.587		
2.6	8.587	0.71%	96.36%
2.2	8.828		
2.2	8.828	0.75%	97.11%
1.8	9.118		
1.8	9.118	0.59%	97.71%
1.5	9.381		
1.5	9.381	0.41%	98.12%
1.3	9.587		
1.3	9.587	0.43%	98.55%
1.1	9.828		
1.1	9.828	0.45%	99.00%
0.9	10.118		
< 0,900	> 10,118	1.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM3
Livello (cm)	(0-25)
Peso totale (g)	59.0
Frazione > 63 μm (%)	89.1
Frazione < 63 μm (%)	10.9

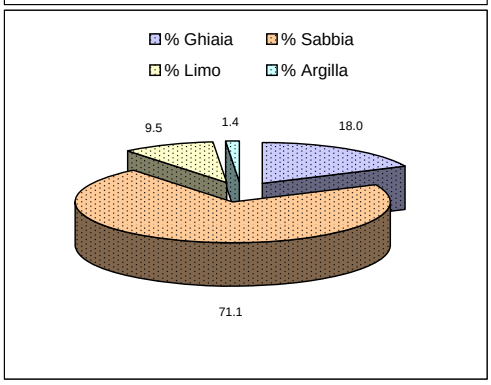
Frazione grossolana (> 63 μm) = 89.1	
% Ghiaia	% Sabbia
18.0	71.1

Frazione pelitica (< 63 μm) = 10.9	
% Limo	% Argilla
9.5	1.4

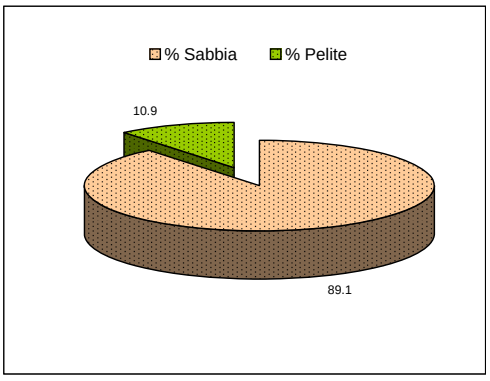
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.357
Deviazione Standard	2.297
Asimmetria (Skewness)	-0.221
Appuntimento (Kurtosis)	1.587
Mediana (Φ)	2.004
Moda (Φ)	2.500

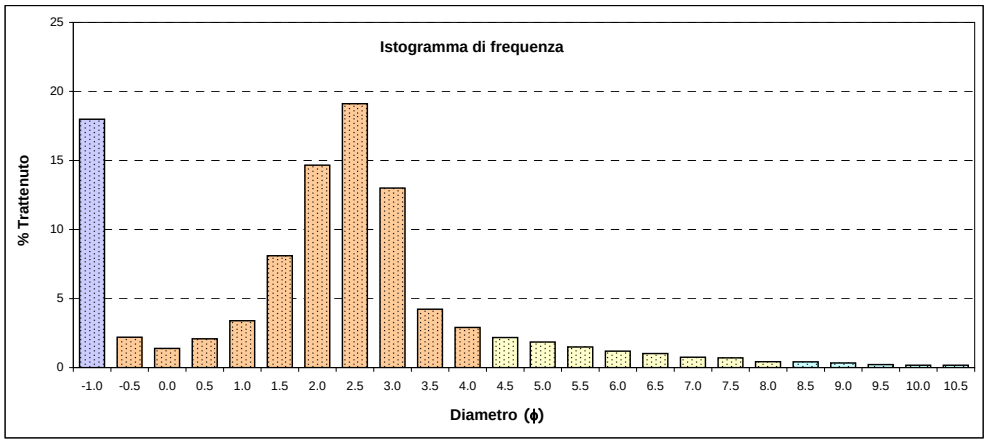
Percentili (Φ)	
5	-2.170
16	-1.170
25	0.676
50	2.004
75	2.714
84	3.236
95	5.721

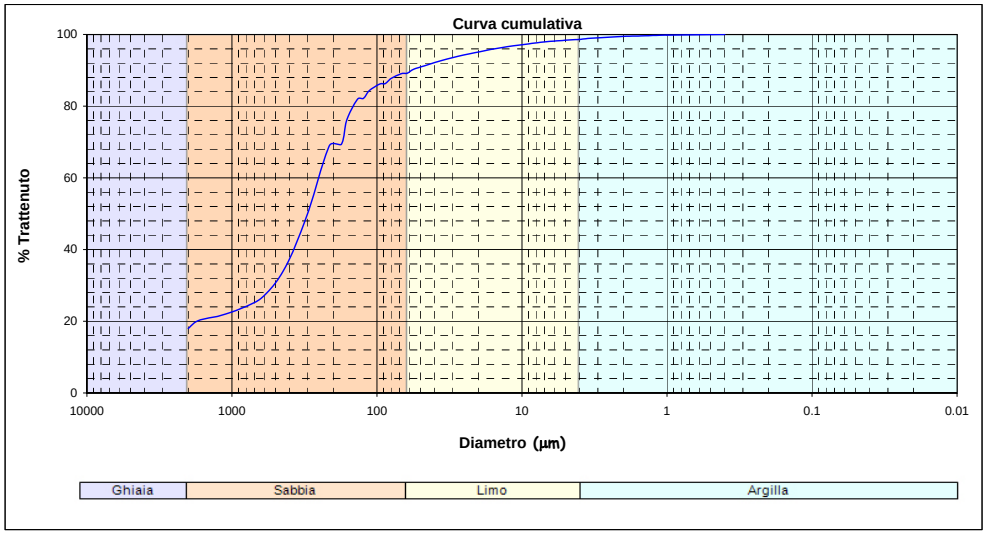
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	17.99%	17.99%
2000	-1	2.20%	20.19%
1414.21	-0.5		
1414.21	-0.5	1.39%	21.58%
1000	0		
1000	0	2.08%	23.67%
707.11	0.5		
707.11	0.5	3.39%	27.06%
500	1		
500	1	8.10%	35.16%
353.55	1.5		
353.55	1.5	14.67%	49.83%
250	2		
250	2	19.11%	68.94%
176.78	2.5		
176.78	2.5	0.44%	69.38%
175	2.515		
175	2.515	6.97%	76.35%
147	2.766		
147	2.766	5.60%	81.94%
125	3		
125	3	0.20%	82.14%
123	3.023		
123	3.023	2.20%	84.34%
103	3.279		
103	3.279	1.83%	86.17%
88.39	3.5		
88.39	3.5	0.11%	86.28%
87	3.523		
87	3.523	1.44%	87.72%
73	3.776		
73	3.776	1.36%	89.08%
62.5	4		
62.5	4	0.12%	89.20%
61	4.035		
61	4.035	1.06%	90.26%
51	4.293		
51	4.293	1.00%	91.26%
43	4.54		
43	4.54	0.96%	92.23%
36	4.796		
36	4.796	0.89%	93.11%
30	5.059		
30	5.059	0.80%	93.91%
25	5.322		
25	5.322	0.70%	94.61%
21	5.573		
21	5.573	0.57%	95.18%
18	5.796		
18	5.796	0.62%	95.80%
15	6.059		
15	6.059	0.55%	96.36%
12.5	6.322		
12.5	6.322	0.46%	96.82%
10.5	6.573		
10.5	6.573	0.36%	97.18%
9	6.796		
9	6.796	0.38%	97.57%
7.5	7.059		
7.5	7.059	0.41%	97.98%
6	7.381		
6	7.381	0.30%	98.28%
5	7.644		
5	7.644	0.22%	98.50%
4.3	7.861		
4.3	7.861	0.10%	98.60%
4	7.966		
4	7.966	0.10%	98.70%
3.7	8.078		
3.7	8.078	0.22%	98.92%
3.1	8.334		
3.1	8.334	0.19%	99.11%
2.6	8.587		
2.6	8.587	0.16%	99.27%
2.2	8.828		
2.2	8.828	0.17%	99.44%
1.8	9.118		
1.8	9.118	0.13%	99.57%
1.5	9.381		
1.5	9.381	0.09%	99.66%
1.3	9.587		
1.3	9.587	0.09%	99.74%
1.1	9.828		
1.1	9.828	0.08%	99.83%
0.9	10.118		
< 0,900	> 10,118	0.17%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM3
Livello (cm)	(25-50)
Peso totale (g)	28.9
Frazione > 63 µm (%)	67.1
Frazione < 63 µm (%)	32.9

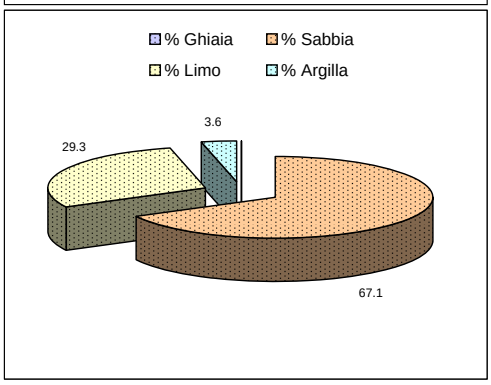
Frazione grossolana (> 63 µm) = 67.1	
% Ghiaia	% Sabbia
0.0	67.1

Frazione pelitica (< 63 µm) = 32.9	
% Limo	% Argilla
29.3	3.6

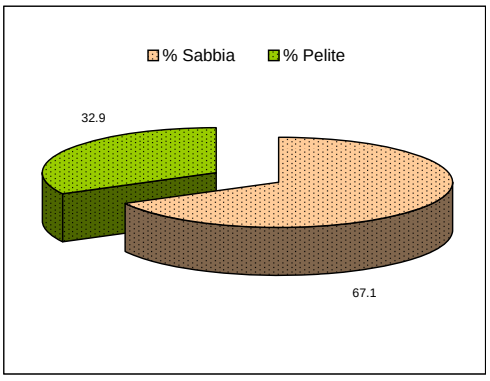
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.592
Deviazione Standard	1.675
Asimmetria (Skewness)	0.455
Appuntimento (Kurtosis)	1.116
Mediana (Φ)	3.143
Moda (Φ)	3.000

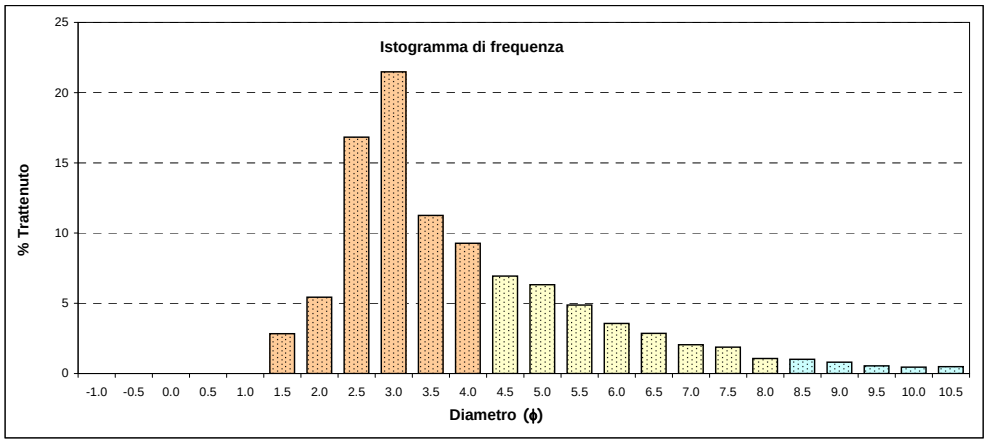
Percentili (Φ)	
5	1.678
16	2.208
25	2.496
50	3.143
75	4.607
84	5.424
95	7.428

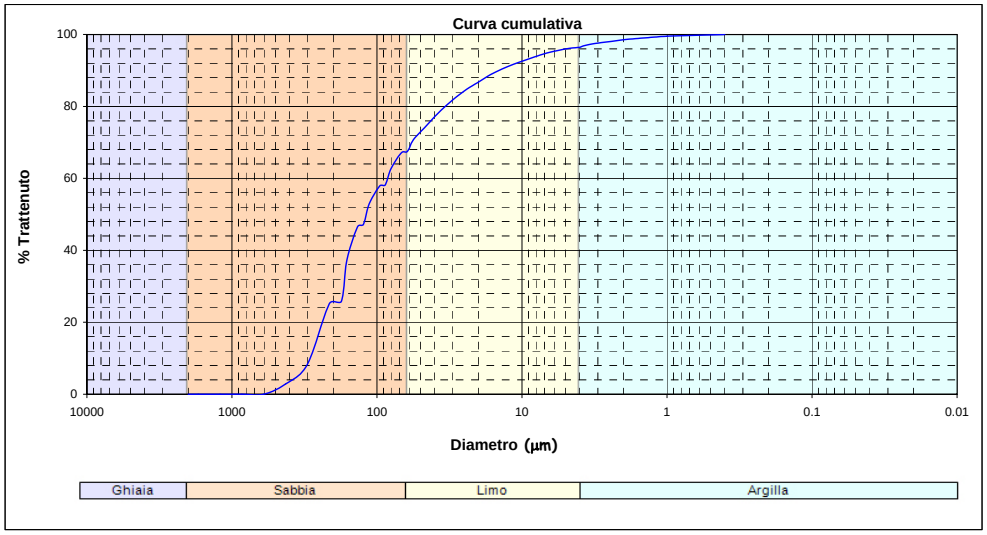
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	2.84%	2.84%
353.55	1.5		
353.55	1.5	5.44%	8.28%
250	2		
250	2	16.84%	25.11%
176.78	2.5		
176.78	2.5	0.74%	25.85%
175	2.515		
175	2.515	11.61%	37.47%
147	2.766		
147	2.766	9.13%	46.59%
125	3		
125	3	0.55%	47.14%
123	3.023		
123	3.023	5.83%	52.97%
103	3.279		
103	3.279	4.88%	57.85%
88.39	3.5		
88.39	3.5	0.35%	58.20%
87	3.523		
87	3.523	4.52%	62.73%
73	3.776		
73	3.776	4.40%	67.13%
62.5	4		
62.5	4	0.34%	67.47%
61	4.035		
61	4.035	3.30%	70.77%
51	4.293		
51	4.293	3.30%	74.07%
43	4.54		
43	4.54	3.29%	77.36%
36	4.796		
36	4.796	3.03%	80.40%
30	5.059		
30	5.059	2.65%	83.05%
25	5.322		
25	5.322	2.22%	85.27%
21	5.573		
21	5.573	1.74%	87.01%
18	5.796		
18	5.796	1.82%	88.83%
15	6.059		
15	6.059	1.57%	90.40%
12.5	6.322		
12.5	6.322	1.29%	91.69%
10.5	6.573		
10.5	6.573	1.00%	92.69%
9	6.796		
9	6.796	1.05%	93.74%
7.5	7.059		
7.5	7.059	1.11%	94.85%
6	7.381		
6	7.381	0.78%	95.63%
5	7.644		
5	7.644	0.57%	96.19%
4.3	7.861		
4.3	7.861	0.25%	96.45%
4	7.966		
4	7.966	0.25%	96.70%
3.7	8.078		
3.7	8.078	0.54%	97.24%
3.1	8.334		
3.1	8.334	0.47%	97.71%
2.6	8.587		
2.6	8.587	0.40%	98.11%
2.2	8.828		
2.2	8.828	0.41%	98.52%
1.8	9.118		
1.8	9.118	0.32%	98.84%
1.5	9.381		
1.5	9.381	0.22%	99.06%
1.3	9.587		
1.3	9.587	0.22%	99.29%
1.1	9.828		
1.1	9.828	0.23%	99.51%
0.9	10.118		
< 0,900	> 10,118	0.49%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM3
Livello (cm)	(50-75)
Peso totale (g)	54.3
Frazione > 63 μm (%)	83.3
Frazione < 63 μm (%)	16.7

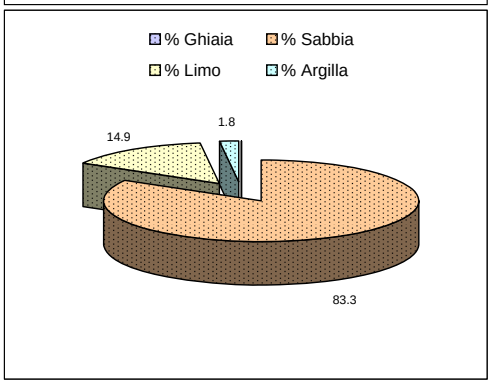
Frazione grossolana (> 63 μm) = 83.3	
% Ghiaia	% Sabbia
0.0	83.3

Frazione pelitica (< 63 μm) = 16.7	
% Limo	% Argilla
14.9	1.8

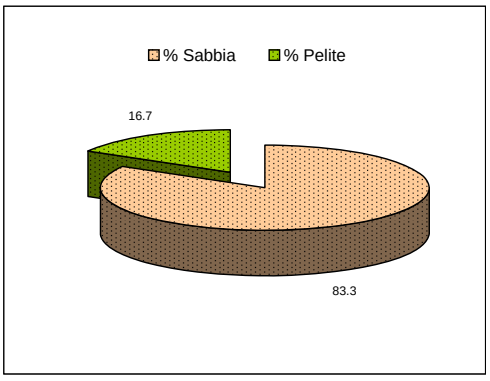
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.001
Deviazione Standard	1.238
Asimmetria (Skewness)	0.450
Appuntimento (Kurtosis)	1.672
Mediana (Φ)	2.743
Moda (Φ)	3.000

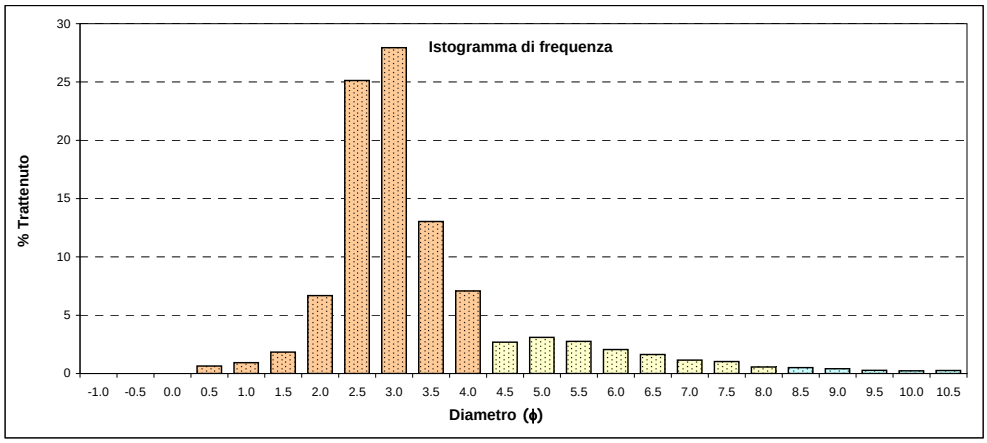
Percentili (Φ)	
5	1.603
16	2.103
25	2.275
50	2.743
75	3.447
84	4.157
95	6.384

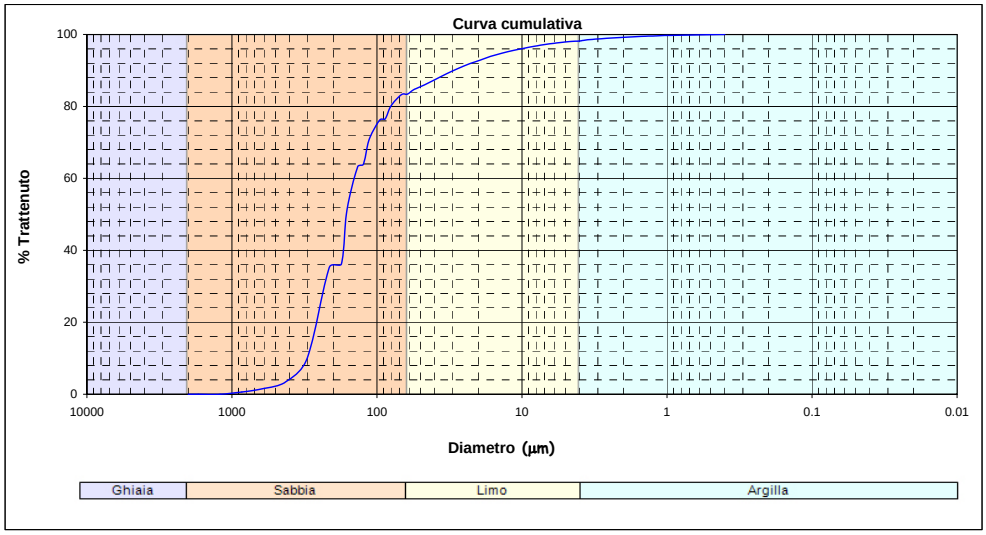
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.64%	0.64%
707.11	0.5		
707.11	0.5	0.94%	1.58%
500	1		
500	1	1.84%	3.42%
353.55	1.5		
353.55	1.5	6.68%	10.11%
250	2		
250	2	25.12%	35.23%
176.78	2.5		
176.78	2.5	0.96%	36.19%
175	2.515		
175	2.515	15.11%	51.30%
147	2.766		
147	2.766	11.87%	63.17%
125	3		
125	3	0.70%	63.87%
123	3.023		
123	3.023	7.03%	70.90%
103	3.279		
103	3.279	5.31%	76.21%
88.39	3.5		
88.39	3.5	0.33%	76.54%
87	3.523		
87	3.523	3.64%	80.18%
73	3.776		
73	3.776	3.11%	83.29%
62.5	4		
62.5	4	0.11%	83.40%
61	4.035		
61	4.035	1.21%	84.61%
51	4.293		
51	4.293	1.36%	85.98%
43	4.54		
43	4.54	1.53%	87.51%
36	4.796		
36	4.796	1.57%	89.08%
30	5.059		
30	5.059	1.48%	90.56%
25	5.322		
25	5.322	1.28%	91.85%
21	5.573		
21	5.573	1.01%	92.86%
18	5.796		
18	5.796	1.05%	93.91%
15	6.059		
15	6.059	0.90%	94.81%
12.5	6.322		
12.5	6.322	0.74%	95.54%
10.5	6.573		
10.5	6.573	0.57%	96.11%
9	6.796		
9	6.796	0.59%	96.70%
7.5	7.059		
7.5	7.059	0.61%	97.31%
6	7.381		
6	7.381	0.42%	97.73%
5	7.644		
5	7.644	0.30%	98.03%
4.3	7.861		
4.3	7.861	0.13%	98.16%
4	7.966		
4	7.966	0.13%	98.30%
3.7	8.078		
3.7	8.078	0.27%	98.57%
3.1	8.334		
3.1	8.334	0.24%	98.81%
2.6	8.587		
2.6	8.587	0.20%	99.01%
2.2	8.828		
2.2	8.828	0.21%	99.22%
1.8	9.118		
1.8	9.118	0.16%	99.38%
1.5	9.381		
1.5	9.381	0.11%	99.50%
1.3	9.587		
1.3	9.587	0.12%	99.61%
1.1	9.828		
1.1	9.828	0.12%	99.73%
0.9	10.118		
< 0,900	> 10,118	0.27%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM3
Livello (cm)	(75-100)
Peso totale (g)	63.2
Frazione > 63 μm (%)	92.5
Frazione < 63 μm (%)	7.5

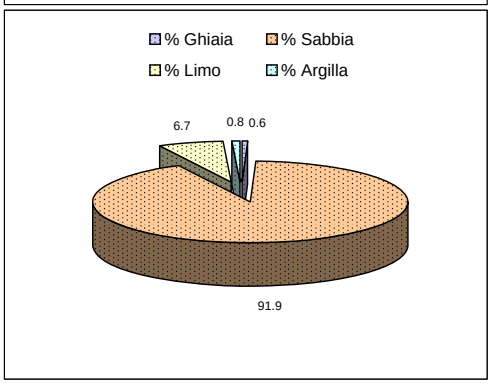
Frazione grossolana (> 63 μm) = 92.5	
% Ghiaia	% Sabbia
0.6	91.9

Frazione pelitica (< 63 μm) = 7.5	
% Limo	% Argilla
6.7	0.8

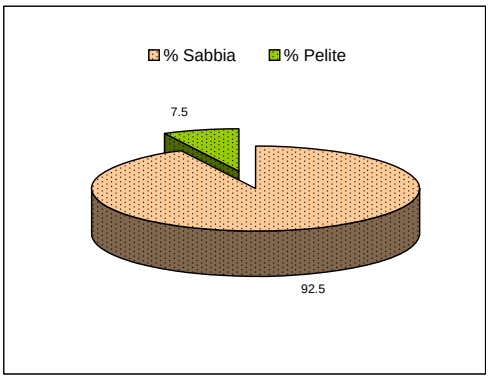
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.464
Deviazione Standard	0.849
Asimmetria (Skewness)	0.341
Appuntimento (Kurtosis)	1.805
Mediana (Φ)	2.376
Moda (Φ)	2.500

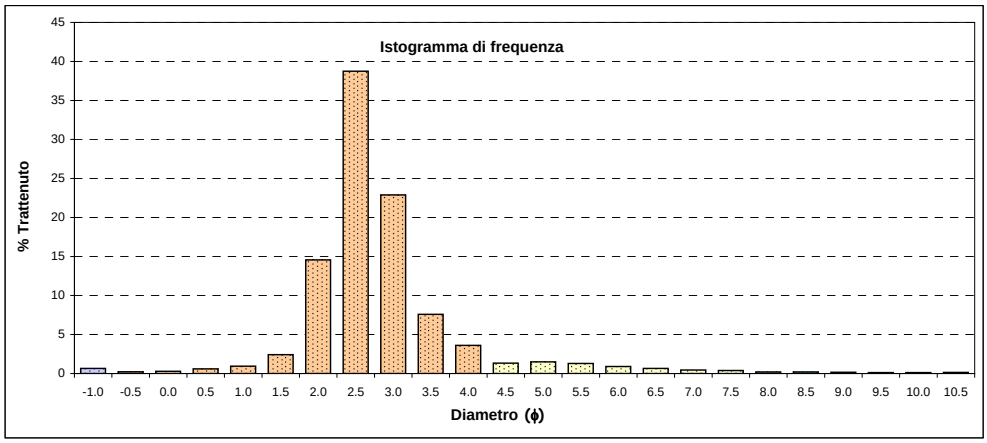
Percentili (Φ)	
5	1.474
16	1.857
25	2.059
50	2.376
75	2.844
84	3.160
95	4.929

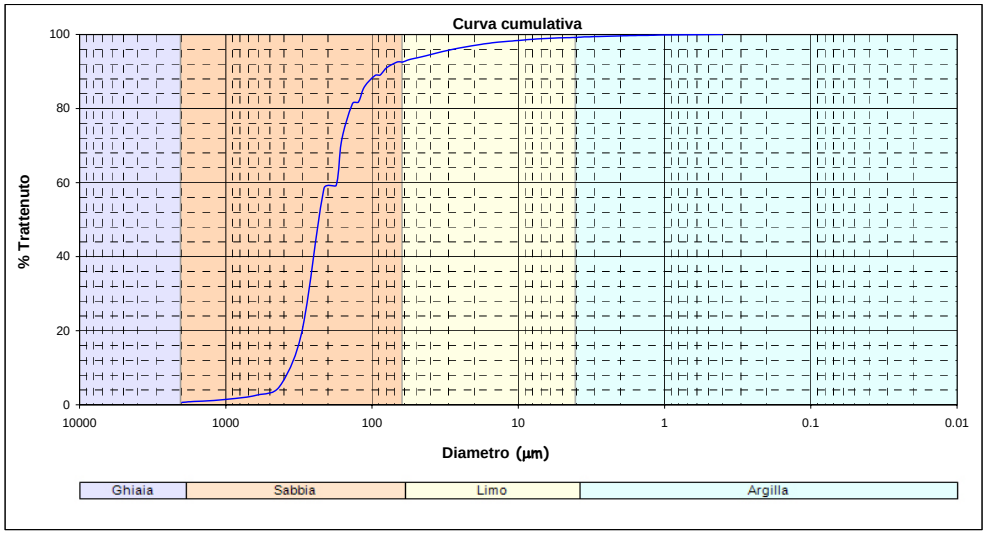
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.65%	0.65%
2000	-1	0.22%	0.87%
1414.21	-0.5		
1414.21	-0.5	0.29%	1.15%
1000	0		
1000	0	0.59%	1.74%
707.11	0.5		
707.11	0.5	0.95%	2.69%
500	1		
500	1	2.42%	5.11%
353.55	1.5		
353.55	1.5	14.57%	19.67%
250	2		
250	2	38.75%	58.42%
176.78	2.5		
176.78	2.5	0.79%	59.21%
175	2.515		
175	2.515	12.38%	71.58%
147	2.766		
147	2.766	9.73%	81.31%
125	3		
125	3	0.40%	81.72%
123	3.023		
123	3.023	4.10%	85.82%
103	3.279		
103	3.279	3.09%	88.90%
88.39	3.5		
88.39	3.5	0.17%	89.07%
87	3.523		
87	3.523	1.86%	90.93%
73	3.776		
73	3.776	1.58%	92.52%
62.5	4		
62.5	4	0.06%	92.57%
61	4.035		
61	4.035	0.61%	93.18%
51	4.293		
51	4.293	0.67%	93.85%
43	4.54		
43	4.54	0.75%	94.60%
36	4.796		
36	4.796	0.75%	95.36%
30	5.059		
30	5.059	0.70%	96.05%
25	5.322		
25	5.322	0.59%	96.64%
21	5.573		
21	5.573	0.45%	97.09%
18	5.796		
18	5.796	0.45%	97.54%
15	6.059		
15	6.059	0.37%	97.91%
12.5	6.322		
12.5	6.322	0.29%	98.20%
10.5	6.573		
10.5	6.573	0.22%	98.42%
9	6.796		
9	6.796	0.22%	98.65%
7.5	7.059		
7.5	7.059	0.23%	98.87%
6	7.381		
6	7.381	0.16%	99.03%
5	7.644		
5	7.644	0.11%	99.14%
4.3	7.861		
4.3	7.861	0.05%	99.19%
4	7.966		
4	7.966	0.05%	99.24%
3.7	8.078		
3.7	8.078	0.11%	99.35%
3.1	8.334		
3.1	8.334	0.10%	99.45%
2.6	8.587		
2.6	8.587	0.08%	99.53%
2.2	8.828		
2.2	8.828	0.09%	99.62%
1.8	9.118		
1.8	9.118	0.07%	99.69%
1.5	9.381		
1.5	9.381	0.05%	99.75%
1.3	9.587		
1.3	9.587	0.06%	99.80%
1.1	9.828		
1.1	9.828	0.06%	99.86%
0.9	10.118		
< 0,900	> 10,118	0.14%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM4
Livello (cm)	(0-25)
Peso totale (g)	46.7
Frazione > 63 μm (%)	59.9
Frazione < 63 μm (%)	40.1

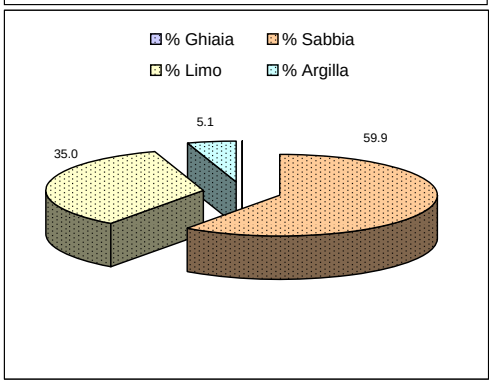
Frazione grossolana (> 63 μm) = 59.9	
% Ghiaia	% Sabbia
0.0	59.9

Frazione pelitica (< 63 μm) = 40.1	
% Limo	% Argilla
35.0	5.1

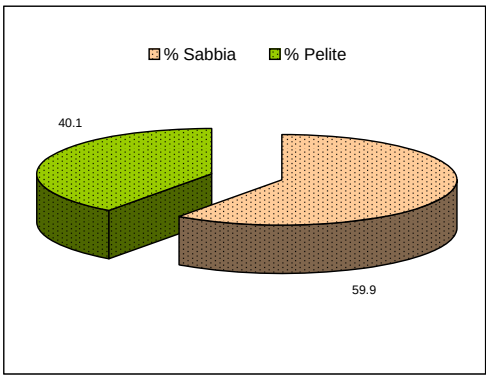
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.886
Deviazione Standard	1.933
Asimmetria (Skewness)	0.379
Appuntimento (Kurtosis)	0.951
Mediana (Φ)	3.454
Moda (Φ)	3.000

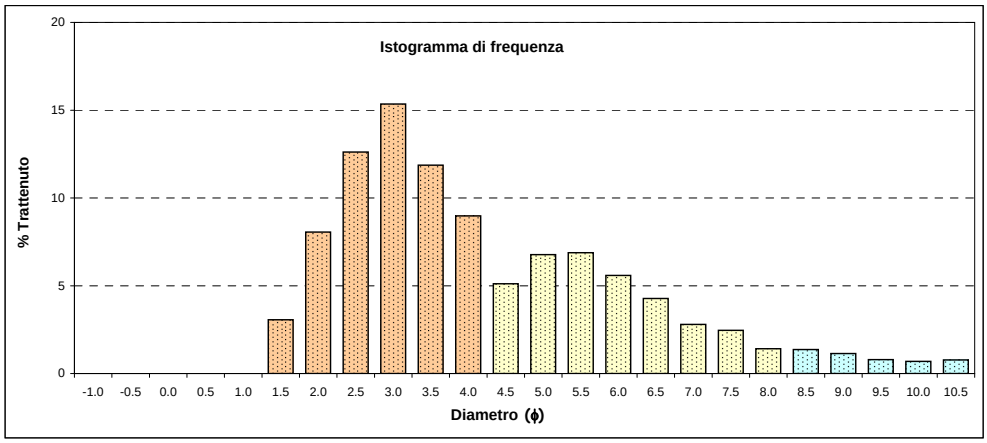
Percentili (Φ)	
5	1.605
16	2.174
25	2.535
50	3.454
75	5.290
84	6.030
95	7.999

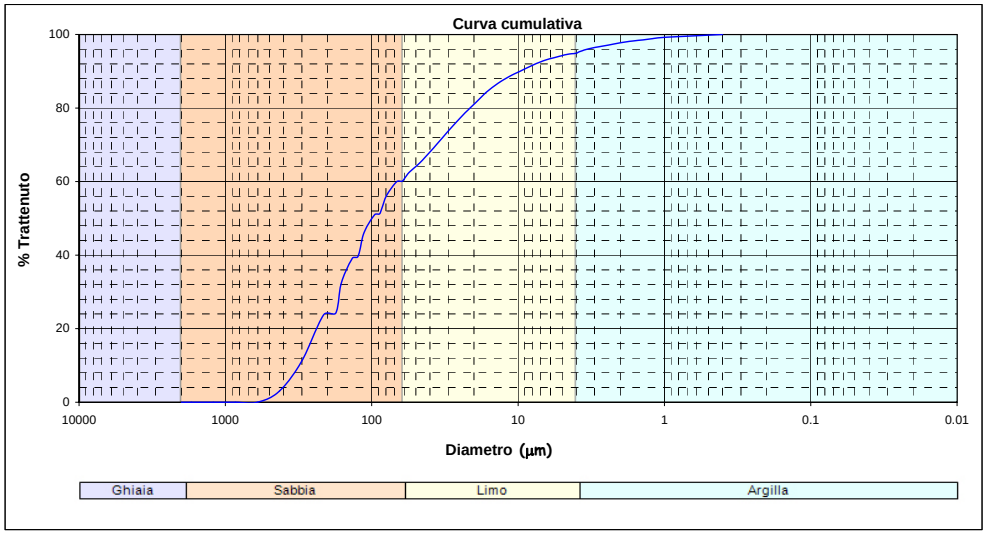
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.06%	3.06%
353.55	1.5		
353.55	1.5	8.05%	11.12%
250	2		
250	2	12.62%	23.74%
176.78	2.5		
176.78	2.5	0.52%	24.26%
175	2.515		
175	2.515	8.26%	32.52%
147	2.766		
147	2.766	6.56%	39.08%
125	3		
125	3	0.62%	39.71%
123	3.023		
123	3.023	6.37%	46.07%
103	3.279		
103	3.279	4.88%	50.95%
88.39	3.5		
88.39	3.5	0.40%	51.35%
87	3.523		
87	3.523	4.51%	55.87%
73	3.776		
73	3.776	4.07%	59.93%
62.5	4		
62.5	4	0.19%	60.13%
61	4.035		
61	4.035	2.23%	62.35%
51	4.293		
51	4.293	2.69%	65.04%
43	4.54		
43	4.54	3.23%	68.28%
36	4.796		
36	4.796	3.54%	71.82%
30	5.059		
30	5.059	3.58%	75.40%
25	5.322		
25	5.322	3.30%	78.70%
21	5.573		
21	5.573	2.72%	81.42%
18	5.796		
18	5.796	2.86%	84.29%
15	6.059		
15	6.059	2.40%	86.68%
12.5	6.322		
12.5	6.322	1.88%	88.57%
10.5	6.573		
10.5	6.573	1.39%	89.96%
9	6.796		
9	6.796	1.40%	91.36%
7.5	7.059		
7.5	7.059	1.45%	92.81%
6	7.381		
6	7.381	1.01%	93.82%
5	7.644		
5	7.644	0.74%	94.56%
4.3	7.861		
4.3	7.861	0.34%	94.90%
4	7.966		
4	7.966	0.34%	95.23%
3.7	8.078		
3.7	8.078	0.72%	95.95%
3.1	8.334		
3.1	8.334	0.64%	96.60%
2.6	8.587		
2.6	8.587	0.55%	97.15%
2.2	8.828		
2.2	8.828	0.59%	97.74%
1.8	9.118		
1.8	9.118	0.47%	98.21%
1.5	9.381		
1.5	9.381	0.33%	98.53%
1.3	9.587		
1.3	9.587	0.34%	98.87%
1.1	9.828		
1.1	9.828	0.35%	99.22%
0.9	10.118		
< 0,900	> 10,118	0.78%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM4
Livello (cm)	(25-50)
Peso totale (g)	78.3
Frazione > 63 μm (%)	72.5
Frazione < 63 μm (%)	27.5

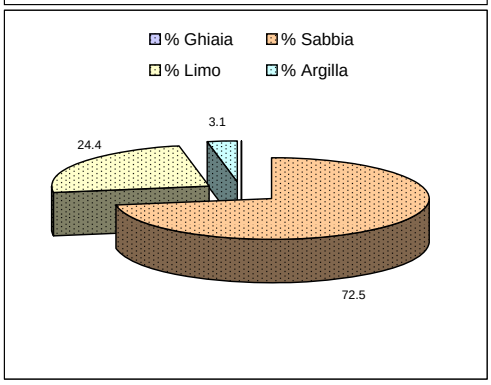
Frazione grossolana (> 63 μm) = 72.5	
% Ghiaia	% Sabbia
0.0	72.5

Frazione pelitica (< 63 μm) = 27.5	
% Limo	% Argilla
24.4	3.1

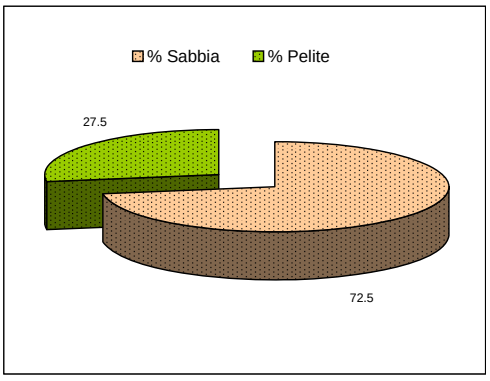
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.229
Deviazione Standard	1.753
Asimmetria (Skewness)	0.449
Appuntimento (Kurtosis)	1.054
Mediana (Φ)	2.777
Moda (Φ)	2.500

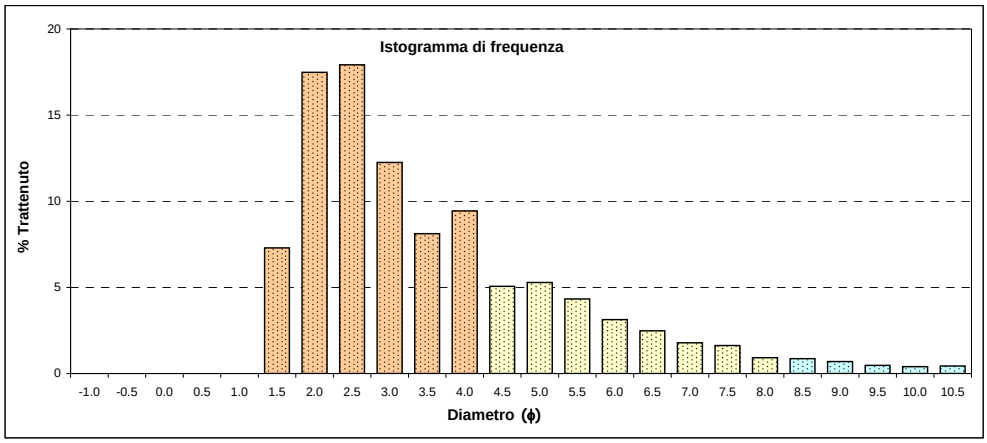
Percentili (Φ)	
5	1.324
16	1.728
25	2.005
50	2.777
75	4.286
84	5.181
95	7.191

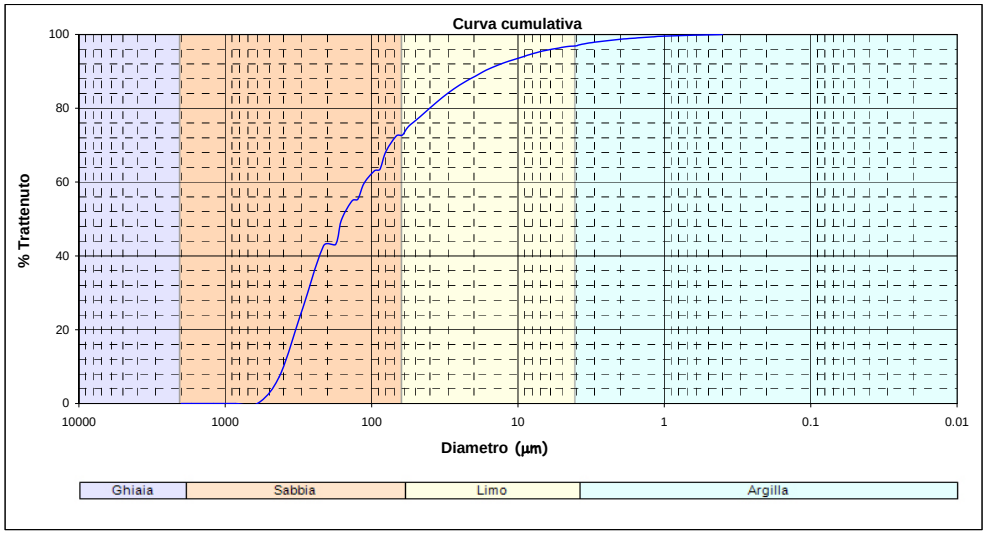
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	7.29%	7.29%
353.55	1.5		
353.55	1.5	17.49%	24.78%
250	2		
250	2	17.92%	42.70%
176.78	2.5		
176.78	2.5	0.42%	43.12%
175	2.515		
175	2.515	6.63%	49.74%
147	2.766		
147	2.766	5.21%	54.95%
125	3		
125	3	0.41%	55.36%
123	3.023		
123	3.023	4.25%	59.60%
103	3.279		
103	3.279	3.47%	63.07%
88.39	3.5		
88.39	3.5	0.41%	63.48%
87	3.523		
87	3.523	4.75%	68.22%
73	3.776		
73	3.776	4.29%	72.51%
62.5	4		
62.5	4	0.22%	72.73%
61	4.035		
61	4.035	2.33%	75.06%
51	4.293		
51	4.293	2.51%	77.57%
43	4.54		
43	4.54	2.68%	80.25%
36	4.796		
36	4.796	2.60%	82.85%
30	5.059		
30	5.059	2.35%	85.20%
25	5.322		
25	5.322	1.98%	87.18%
21	5.573		
21	5.573	1.54%	88.72%
18	5.796		
18	5.796	1.59%	90.32%
15	6.059		
15	6.059	1.36%	91.68%
12.5	6.322		
12.5	6.322	1.12%	92.80%
10.5	6.573		
10.5	6.573	0.87%	93.67%
9	6.796		
9	6.796	0.91%	94.58%
7.5	7.059		
7.5	7.059	0.96%	95.54%
6	7.381		
6	7.381	0.67%	96.21%
5	7.644		
5	7.644	0.49%	96.69%
4.3	7.861		
4.3	7.861	0.22%	96.91%
4	7.966		
4	7.966	0.22%	97.13%
3.7	8.078		
3.7	8.078	0.46%	97.59%
3.1	8.334		
3.1	8.334	0.41%	97.99%
2.6	8.587		
2.6	8.587	0.34%	98.34%
2.2	8.828		
2.2	8.828	0.36%	98.70%
1.8	9.118		
1.8	9.118	0.28%	98.98%
1.5	9.381		
1.5	9.381	0.19%	99.17%
1.3	9.587		
1.3	9.587	0.20%	99.36%
1.1	9.828		
1.1	9.828	0.20%	99.57%
0.9	10.118		
< 0,900	> 10,118	0.43%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM4
Livello (cm)	(50-75)
Peso totale (g)	93.8
Frazione > 63 µm (%)	92.0
Frazione < 63 µm (%)	8.0

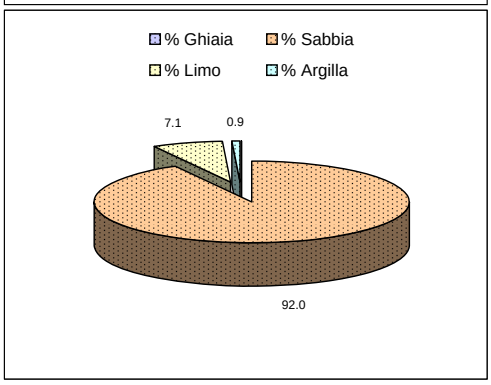
Frazione grossolana (> 63 µm) = 92.0	
% Ghiaia	% Sabbia
0.0	92.0

Frazione pelitica (< 63 µm) = 8.0	
% Limo	% Argilla
7.1	0.9

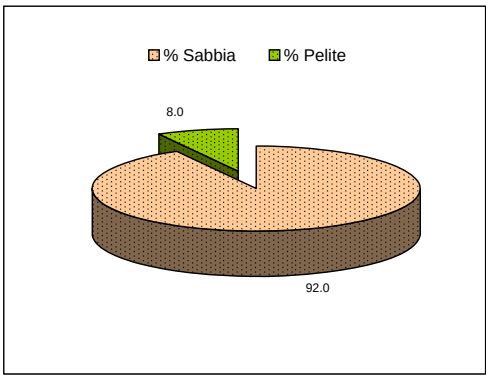
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.180
Deviazione Standard	1.050
Asimmetria (Skewness)	0.355
Appuntimento (Kurtosis)	1.551
Mediana (Φ)	2.050
Moda (Φ)	2.000

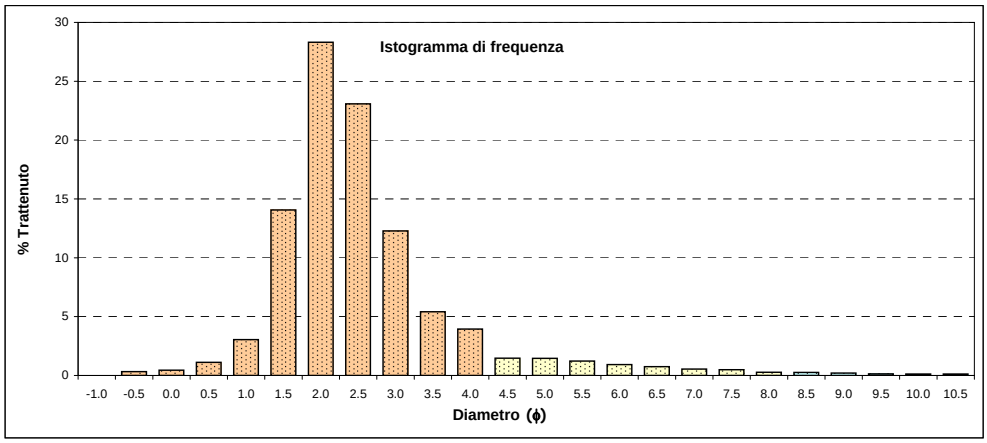
Percentili (Φ)	
5	1.002
16	1.378
25	1.593
50	2.050
75	2.669
84	3.111
95	5.076

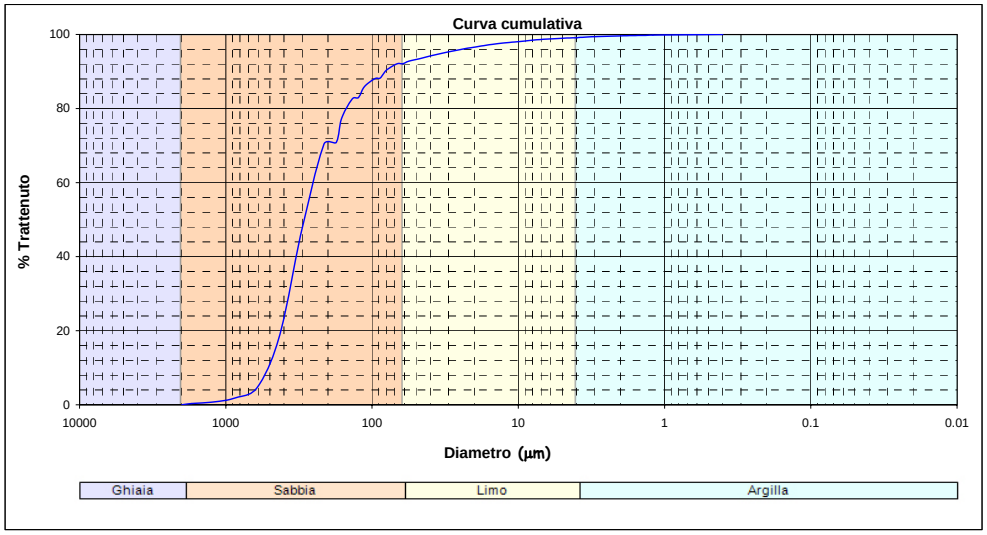
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.33%	0.33%
1414.21	-0.5		
1414.21	-0.5	0.45%	0.78%
1000	0		
1000	0	1.11%	1.89%
707.11	0.5		
707.11	0.5	3.05%	4.94%
500	1		
500	1	14.06%	18.99%
353.55	1.5		
353.55	1.5	28.31%	47.31%
250	2		
250	2	23.08%	70.39%
176.78	2.5		
176.78	2.5	0.42%	70.80%
175	2.515		
175	2.515	6.62%	77.42%
147	2.766		
147	2.766	5.25%	82.67%
125	3		
125	3	0.28%	82.95%
123	3.023		
123	3.023	2.90%	85.85%
103	3.279		
103	3.279	2.23%	88.08%
88.39	3.5		
88.39	3.5	0.18%	88.27%
87	3.523		
87	3.523	2.04%	90.30%
73	3.776		
73	3.776	1.73%	92.03%
62.5	4		
62.5	4	0.07%	92.10%
61	4.035		
61	4.035	0.68%	92.78%
51	4.293		
51	4.293	0.71%	93.49%
43	4.54		
43	4.54	0.74%	94.23%
36	4.796		
36	4.796	0.72%	94.95%
30	5.059		
30	5.059	0.66%	95.61%
25	5.322		
25	5.322	0.57%	96.18%
21	5.573		
21	5.573	0.45%	96.63%
18	5.796		
18	5.796	0.47%	97.11%
15	6.059		
15	6.059	0.41%	97.52%
12.5	6.322		
12.5	6.322	0.34%	97.85%
10.5	6.573		
10.5	6.573	0.26%	98.12%
9	6.796		
9	6.796	0.28%	98.40%
7.5	7.059		
7.5	7.059	0.29%	98.69%
6	7.381		
6	7.381	0.20%	98.89%
5	7.644		
5	7.644	0.15%	99.04%
4.3	7.861		
4.3	7.861	0.06%	99.10%
4	7.966		
4	7.966	0.06%	99.17%
3.7	8.078		
3.7	8.078	0.13%	99.30%
3.1	8.334		
3.1	8.334	0.12%	99.42%
2.6	8.587		
2.6	8.587	0.10%	99.52%
2.2	8.828		
2.2	8.828	0.10%	99.62%
1.8	9.118		
1.8	9.118	0.08%	99.70%
1.5	9.381		
1.5	9.381	0.06%	99.76%
1.3	9.587		
1.3	9.587	0.06%	99.81%
1.1	9.828		
1.1	9.828	0.06%	99.87%
0.9	10.118		
< 0,900	> 10,118	0.13%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM4
Livello (cm)	(75-100)
Peso totale (g)	93.0
Frazione > 63 μm (%)	98.9
Frazione < 63 μm (%)	1.1

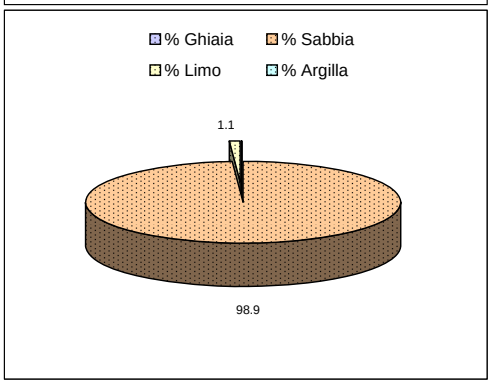
Frazione grossolana (> 63 μm) = 98.9	
% Ghiaia	% Sabbia
0.0	98.9

Frazione pelitica (< 63 μm) = 1.1	
% Limo	% Argilla
1.1	0.0

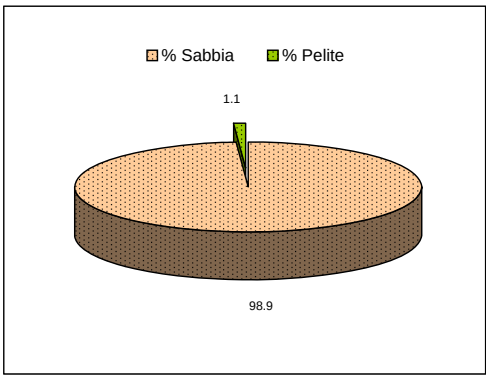
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.990
Deviazione Standard	0.527
Asimmetria (Skewness)	0.008
Appuntimento (Kurtosis)	1.062
Mediana (Φ)	1.988
Moda (Φ)	2.000

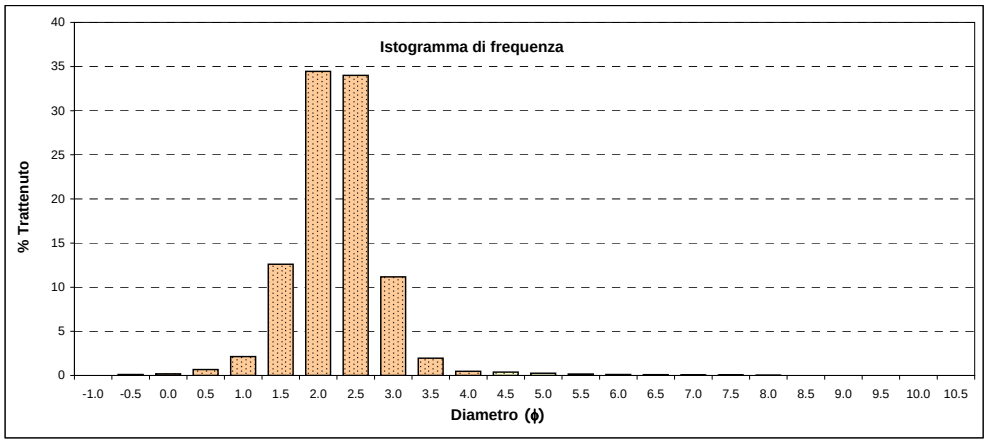
Percentili (Φ)	
5	1.063
16	1.501
25	1.615
50	1.988
75	2.334
84	2.481
95	2.927

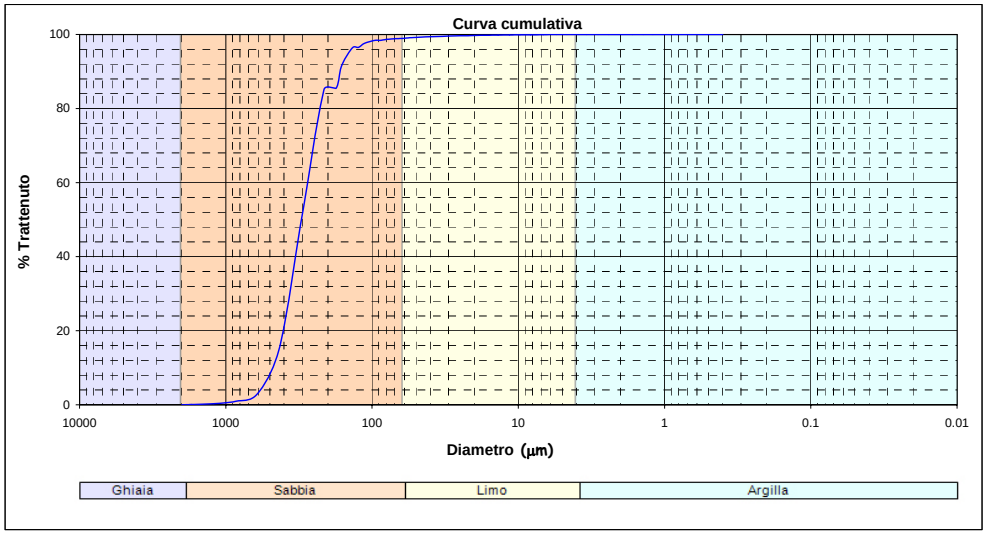
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.11%	0.11%
1414.21	-0.5		
1414.21	-0.5	0.18%	0.29%
1000	0		
1000	0	0.67%	0.97%
707.11	0.5		
707.11	0.5	2.14%	3.13%
500	1		
500	1	12.61%	15.88%
353.55	1.5		
353.55	1.5	34.45%	50.73%
250	2		
250	2	33.99%	85.11%
176.78	2.5		
176.78	2.5	0.38%	85.50%
175	2.515		
175	2.515	6.04%	91.61%
147	2.766		
147	2.766	4.75%	96.41%
125	3		
125	3	0.11%	96.52%
123	3.023		
123	3.023	1.07%	97.60%
103	3.279		
103	3.279	0.78%	98.39%
88.39	3.5		
88.39	3.5	0.03%	98.41%
87	3.523		
87	3.523	0.26%	98.67%
73	3.776		
73	3.776	0.19%	98.87%
62.5	4		
62.5	4	0.03%	98.90%
61	4.035		
61	4.035	0.19%	99.09%
51	4.293		
51	4.293	0.15%	99.25%
43	4.54		
43	4.54	0.13%	99.38%
36	4.796		
36	4.796	0.11%	99.50%
30	5.059		
30	5.059	0.10%	99.59%
25	5.322		
25	5.322	0.08%	99.67%
21	5.573		
21	5.573	0.06%	99.73%
18	5.796		
18	5.796	0.06%	99.79%
15	6.059		
15	6.059	0.05%	99.84%
12.5	6.322		
12.5	6.322	0.04%	99.87%
10.5	6.573		
10.5	6.573	0.03%	99.90%
9	6.796		
9	6.796	0.03%	99.93%
7.5	7.059		
7.5	7.059	0.03%	99.96%
6	7.381		
6	7.381	0.02%	99.98%
5	7.644		
5	7.644	0.01%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM5
Livello (cm)	(0-25)
Peso totale (g)	57.4
Frazione > 63 µm (%)	87.4
Frazione < 63 µm (%)	12.6

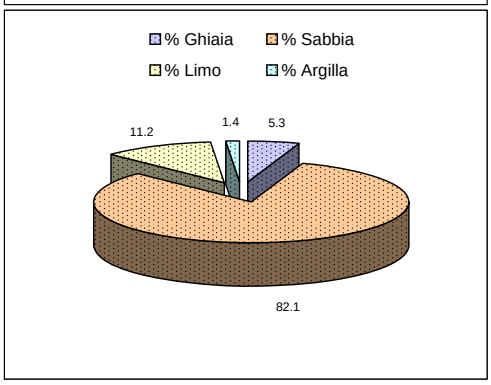
Frazione grossolana (> 63 µm) = 87.4	
% Ghiaia	% Sabbia
5.3	82.1

Frazione pelitica (< 63 µm) = 12.6	
% Limo	% Argilla
11.2	1.4

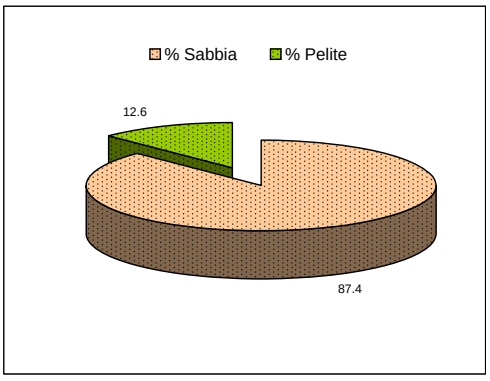
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.872
Deviazione Standard	1.820
Asimmetria (Skewness)	0.052
Appuntimento (Kurtosis)	1.665
Mediana (Φ)	1.763
Moda (Φ)	2.000

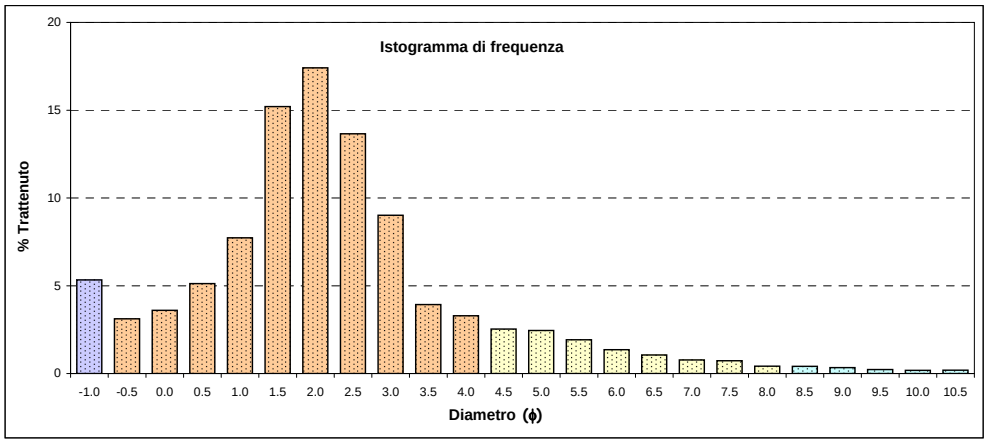
Percentili (Φ)	
5	-1.070
16	0.370
25	1.003
50	1.763
75	2.695
84	3.483
95	5.802

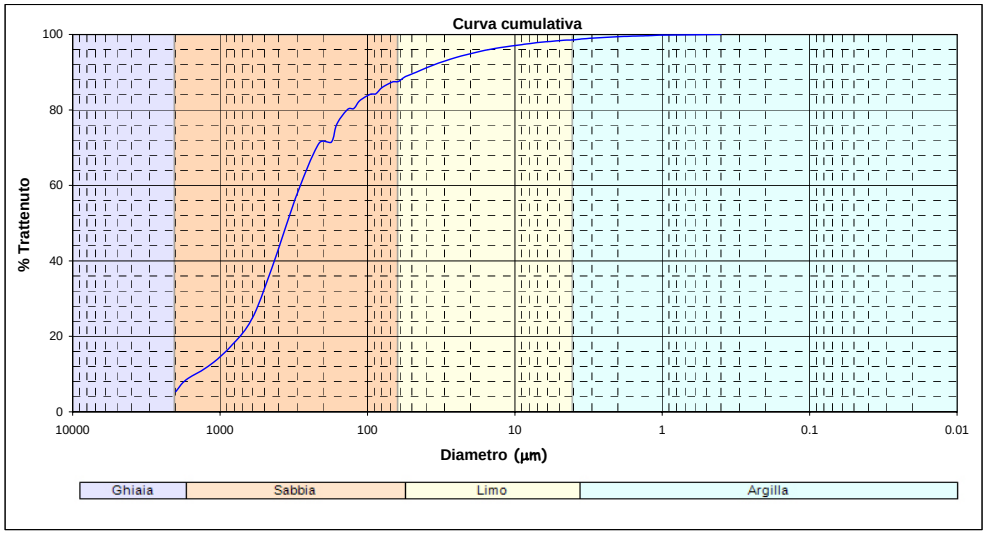
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	5.33%	5.33%
2000	-1	3.12%	8.45%
1414.21	-0.5		
1414.21	-0.5	3.60%	12.05%
1000	0		
1000	0	5.12%	17.17%
707.11	0.5		
707.11	0.5	7.73%	24.90%
500	1		
500	1	15.20%	40.10%
353.55	1.5		
353.55	1.5	17.41%	57.52%
250	2		
250	2	13.65%	71.17%
176.78	2.5		
176.78	2.5	0.30%	71.47%
175	2.515		
175	2.515	4.81%	76.28%
147	2.766		
147	2.766	3.91%	80.19%
125	3		
125	3	0.19%	80.38%
123	3.023		
123	3.023	2.06%	82.44%
103	3.279		
103	3.279	1.68%	84.12%
88.39	3.5		
88.39	3.5	0.13%	84.25%
87	3.523		
87	3.523	1.61%	85.86%
73	3.776		
73	3.776	1.54%	87.41%
62.5	4		
62.5	4	0.12%	87.53%
61	4.035		
61	4.035	1.19%	88.72%
51	4.293		
51	4.293	1.22%	89.94%
43	4.54		
43	4.54	1.26%	91.20%
36	4.796		
36	4.796	1.19%	92.39%
30	5.059		
30	5.059	1.05%	93.44%
25	5.322		
25	5.322	0.87%	94.31%
21	5.573		
21	5.573	0.67%	94.98%
18	5.796		
18	5.796	0.68%	95.67%
15	6.059		
15	6.059	0.58%	96.25%
12.5	6.322		
12.5	6.322	0.48%	96.73%
10.5	6.573		
10.5	6.573	0.38%	97.10%
9	6.796		
9	6.796	0.40%	97.50%
7.5	7.059		
7.5	7.059	0.43%	97.93%
6	7.381		
6	7.381	0.30%	98.23%
5	7.644		
5	7.644	0.22%	98.45%
4.3	7.861		
4.3	7.861	0.10%	98.55%
4	7.966		
4	7.966	0.10%	98.66%
3.7	8.078		
3.7	8.078	0.22%	98.87%
3.1	8.334		
3.1	8.334	0.19%	99.07%
2.6	8.587		
2.6	8.587	0.16%	99.23%
2.2	8.828		
2.2	8.828	0.17%	99.40%
1.8	9.118		
1.8	9.118	0.13%	99.54%
1.5	9.381		
1.5	9.381	0.09%	99.63%
1.3	9.587		
1.3	9.587	0.09%	99.72%
1.1	9.828		
1.1	9.828	0.09%	99.81%
0.9	10.118		
< 0,900	> 10,118	0.19%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM5
Livello (cm)	(25-50)
Peso totale (g)	24.4
Frazione > 63 μm (%)	18.4
Frazione < 63 μm (%)	81.6

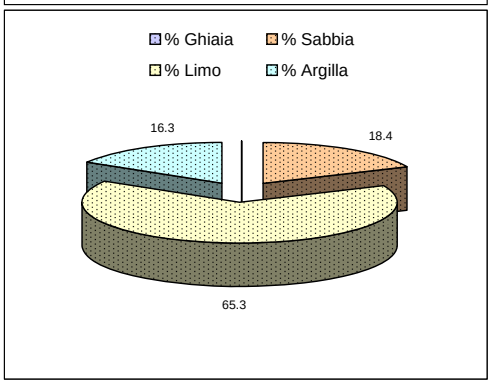
Frazione grossolana (> 63 μm) = 18.4	
% Ghiaia	% Sabbia
0.0	18.4

Frazione pelitica (< 63 μm) = 81.6	
% Limo	% Argilla
65.3	16.3

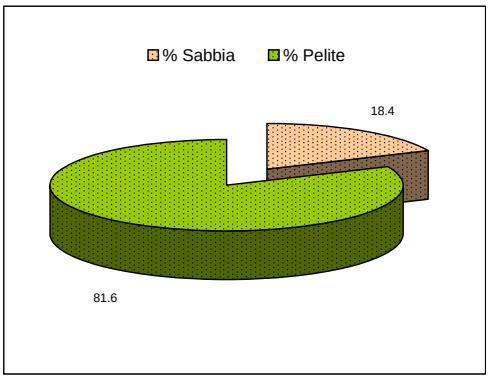
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.871
Deviazione Standard	2.055
Asimmetria (Skewness)	0.049
Appuntimento (Kurtosis)	0.991
Mediana (Φ)	5.813
Moda (Φ)	5.500

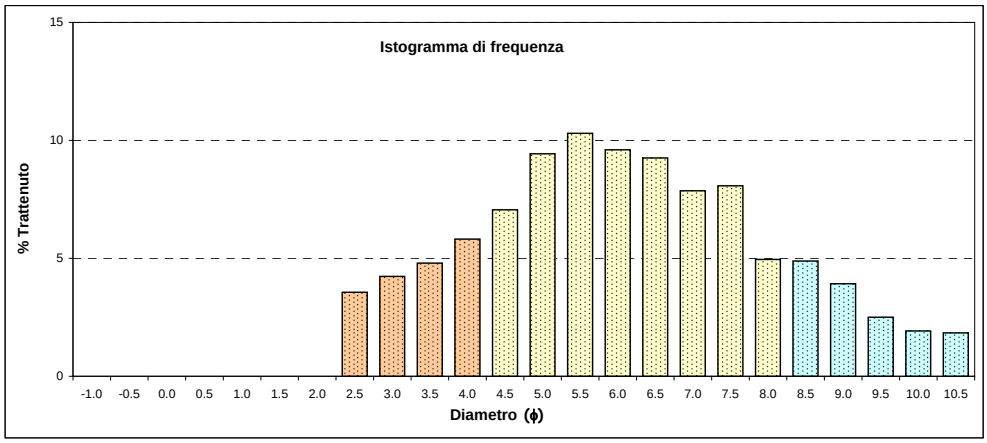
Percentili (Φ)	
5	2.668
16	3.811
25	4.506
50	5.813
75	7.264
84	7.989
95	9.335

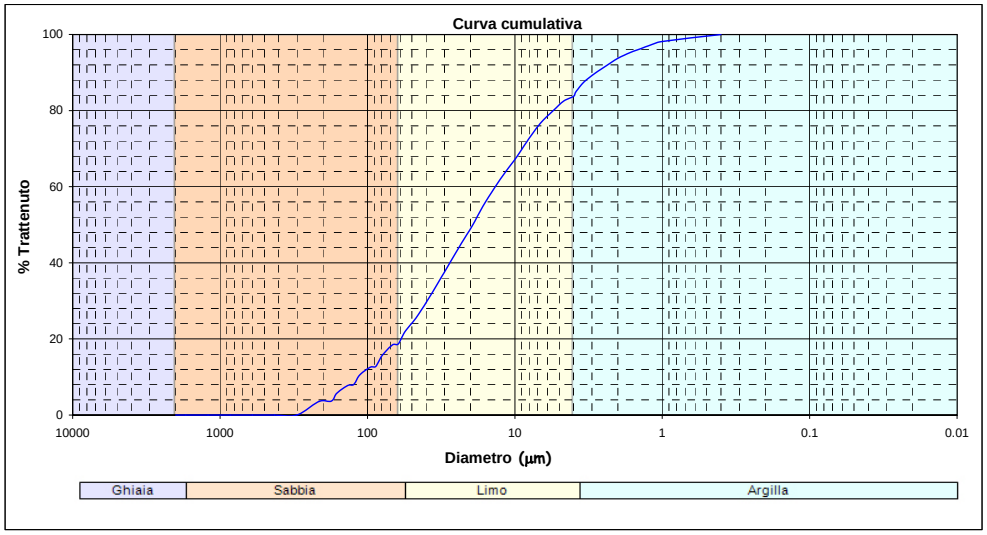
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.56%	3.56%
176.78	2.5		
176.78	2.5	0.11%	3.67%
175	2.515		
175	2.515	2.10%	5.77%
147	2.766		
147	2.766	2.03%	7.80%
125	3		
125	3	0.22%	8.02%
123	3.023		
123	3.023	2.48%	10.50%
103	3.279		
103	3.279	2.09%	12.59%
88.39	3.5		
88.39	3.5	0.21%	12.80%
87	3.523		
87	3.523	2.72%	15.52%
73	3.776		
73	3.776	2.89%	18.41%
62.5	4		
62.5	4	0.28%	18.69%
61	4.035		
61	4.035	3.09%	21.78%
51	4.293		
51	4.293	3.68%	25.46%
43	4.54		
43	4.54	4.44%	29.90%
36	4.796		
36	4.796	4.99%	34.89%
30	5.059		
30	5.059	5.23%	40.12%
25	5.322		
25	5.322	5.07%	45.18%
21	5.573		
21	5.573	4.45%	49.64%
18	5.796		
18	5.796	5.15%	54.79%
15	6.059		
15	6.059	4.87%	59.66%
12.5	6.322		
12.5	6.322	4.38%	64.04%
10.5	6.573		
10.5	6.573	3.69%	67.74%
9	6.796		
9	6.796	4.17%	71.90%
7.5	7.059		
7.5	7.059	4.67%	76.57%
6	7.381		
6	7.381	3.41%	79.98%
5	7.644		
5	7.644	2.57%	82.55%
4.3	7.861		
4.3	7.861	1.19%	83.74%
4	7.966		
4	7.966	1.19%	84.93%
3.7	8.078		
3.7	8.078	2.58%	87.51%
3.1	8.334		
3.1	8.334	2.30%	89.81%
2.6	8.587		
2.6	8.587	1.93%	91.75%
2.2	8.828		
2.2	8.828	1.99%	93.74%
1.8	9.118		
1.8	9.118	1.51%	95.24%
1.5	9.381		
1.5	9.381	1.00%	96.24%
1.3	9.587		
1.3	9.587	0.98%	97.22%
1.1	9.828		
1.1	9.828	0.94%	98.16%
0.9	10.118		
< 0,900	> 10,118	1.84%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM5
Livello (cm)	(50-75)
Peso totale (g)	20.5
Frazione > 63 μm (%)	41.2
Frazione < 63 μm (%)	58.8

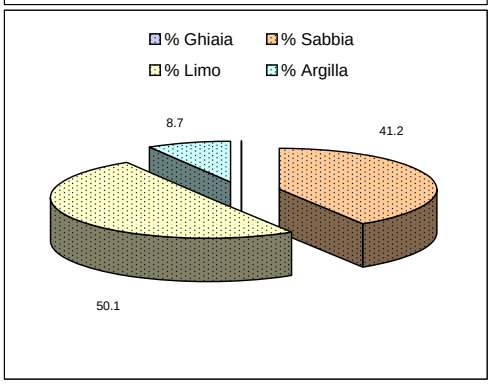
Frazione grossolana (> 63 μm) = 41.2	
% Ghiaia	% Sabbia
0.0	41.2

Frazione pelitica (< 63 μm) = 58.8	
% Limo	% Argilla
50.1	8.7

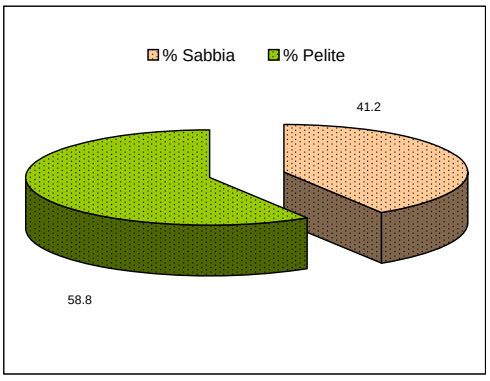
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.760
Deviazione Standard	2.005
Asimmetria (Skewness)	0.248
Appuntimento (Kurtosis)	0.935
Mediana (Φ)	4.500
Moda (Φ)	4.000

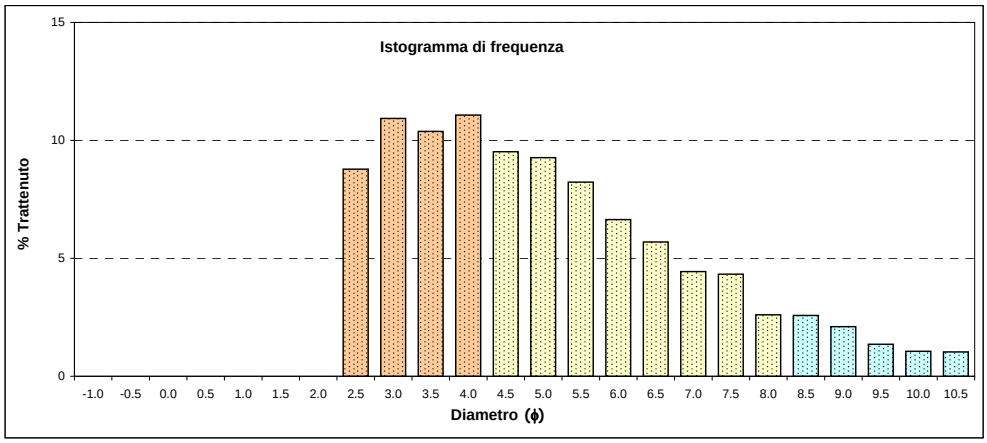
Percentili (Φ)	
5	2.263
16	2.834
25	3.249
50	4.500
75	6.074
84	6.946
95	8.709

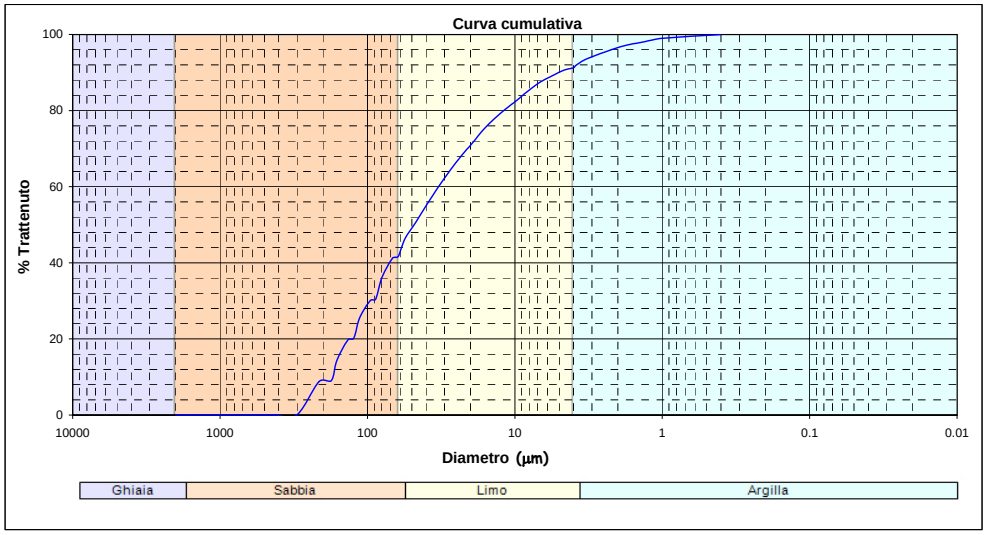
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	8.78%	8.78%
176.78	2.5		
176.78	2.5	0.26%	9.03%
175	2.515		
175	2.515	5.34%	14.37%
147	2.766		
147	2.766	5.34%	19.71%
125	3		
125	3	0.46%	20.17%
123	3.023		
123	3.023	5.42%	25.58%
103	3.279		
103	3.279	4.50%	30.09%
88.39	3.5		
88.39	3.5	0.46%	30.54%
87	3.523		
87	3.523	5.49%	36.03%
73	3.776		
73	3.776	5.13%	41.16%
62.5	4		
62.5	4	0.50%	41.66%
61	4.035		
61	4.035	4.51%	46.18%
51	4.293		
51	4.293	4.50%	50.68%
43	4.54		
43	4.54	4.67%	55.35%
36	4.796		
36	4.796	4.60%	59.95%
30	5.059		
30	5.059	4.35%	64.29%
25	5.322		
25	5.322	3.88%	68.18%
21	5.573		
21	5.573	3.19%	71.36%
18	5.796		
18	5.796	3.45%	74.81%
15	6.059		
15	6.059	3.07%	77.88%
12.5	6.322		
12.5	6.322	2.62%	80.51%
10.5	6.573		
10.5	6.573	2.12%	82.63%
9	6.796		
9	6.796	2.32%	84.94%
7.5	7.059		
7.5	7.059	2.52%	87.46%
6	7.381		
6	7.381	1.81%	89.27%
5	7.644		
5	7.644	1.35%	90.63%
4.3	7.861		
4.3	7.861	0.62%	91.25%
4	7.966		
4	7.966	0.62%	91.88%
3.7	8.078		
3.7	8.078	1.36%	93.24%
3.1	8.334		
3.1	8.334	1.22%	94.46%
2.6	8.587		
2.6	8.587	1.03%	95.49%
2.2	8.828		
2.2	8.828	1.07%	96.56%
1.8	9.118		
1.8	9.118	0.82%	97.37%
1.5	9.381		
1.5	9.381	0.54%	97.92%
1.3	9.587		
1.3	9.587	0.54%	98.45%
1.1	9.828		
1.1	9.828	0.52%	98.97%
0.9	10.118		
< 0,900	> 10,118	1.03%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM5
Livello (cm)	(75-100)
Peso totale (g)	13.2
Frazione > 63 μm (%)	42.9
Frazione < 63 μm (%)	57.1

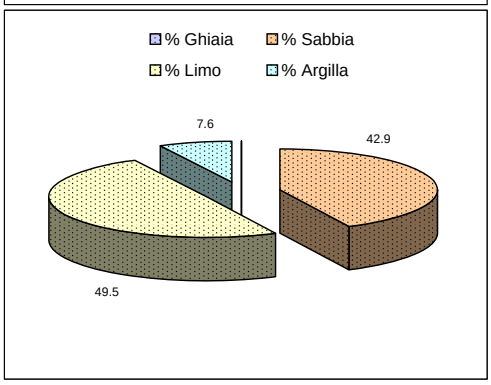
Frazione grossolana (> 63 μm) =	42.9
% Ghiaia	% Sabbia
0.0	42.9

Frazione pelitica (< 63 μm) =	57.1
% Limo	% Argilla
49.5	7.6

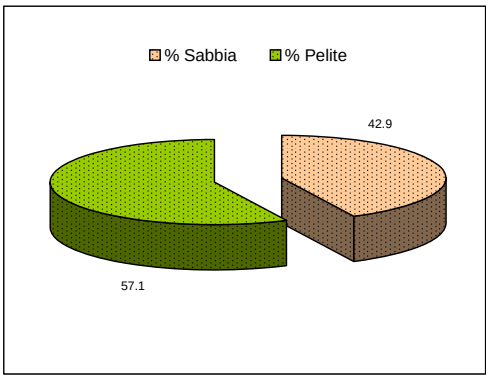
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.652
Deviazione Standard	1.916
Asimmetria (Skewness)	0.264
Appuntimento (Kurtosis)	0.988
Mediana (Φ)	4.393
Moda (Φ)	4.000

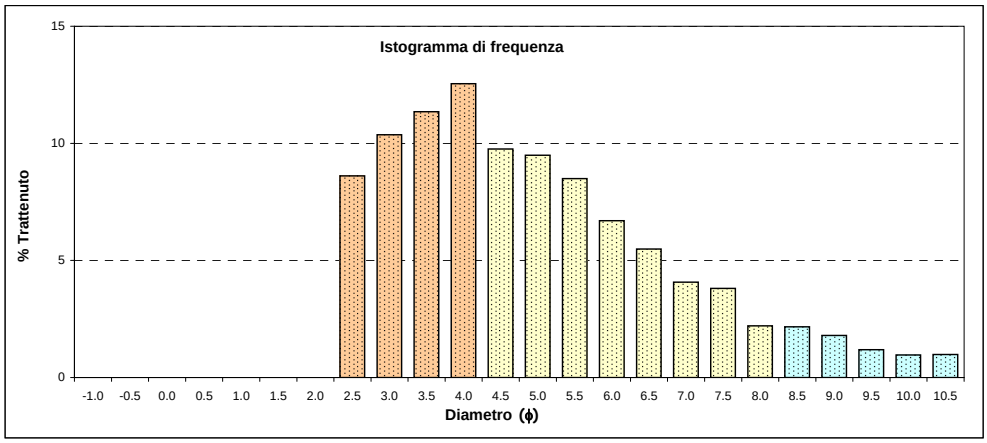
Percentili (Φ)	
5	2.269
16	2.858
25	3.262
50	4.393
75	5.876
84	6.704
95	8.569

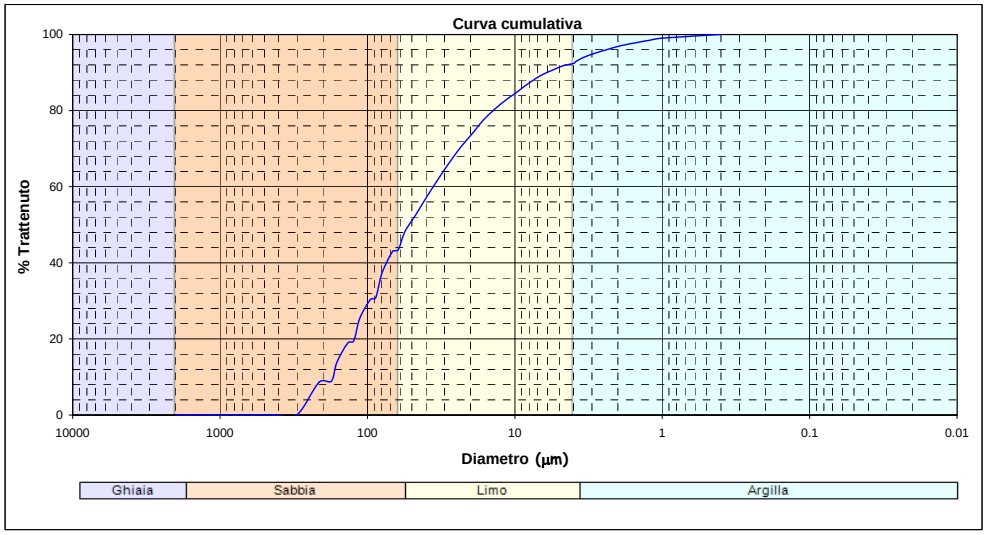
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	8.61%	8.61%
176.78	2.5		
176.78	2.5	0.25%	8.86%
175	2.515		
175	2.515	5.04%	13.90%
147	2.766		
147	2.766	5.08%	18.98%
125	3		
125	3	0.50%	19.47%
123	3.023		
123	3.023	5.88%	25.36%
103	3.279		
103	3.279	4.97%	30.33%
88.39	3.5		
88.39	3.5	0.53%	30.85%
87	3.523		
87	3.523	6.28%	37.13%
73	3.776		
73	3.776	5.74%	42.88%
62.5	4		
62.5	4	0.53%	43.40%
61	4.035		
61	4.035	4.64%	48.05%
51	4.293		
51	4.293	4.59%	52.64%
43	4.54		
43	4.54	4.76%	57.40%
36	4.796		
36	4.796	4.73%	62.13%
30	5.059		
30	5.059	4.49%	66.62%
25	5.322		
25	5.322	4.00%	70.63%
21	5.573		
21	5.573	3.25%	73.88%
18	5.796		
18	5.796	3.45%	77.33%
15	6.059		
15	6.059	2.99%	80.32%
12.5	6.322		
12.5	6.322	2.49%	82.81%
10.5	6.573		
10.5	6.573	1.97%	84.78%
9	6.796		
9	6.796	2.10%	86.88%
7.5	7.059		
7.5	7.059	2.24%	89.12%
6	7.381		
6	7.381	1.57%	90.69%
5	7.644		
5	7.644	1.16%	91.84%
4.3	7.861		
4.3	7.861	0.53%	92.37%
4	7.966		
4	7.966	0.53%	92.90%
3.7	8.078		
3.7	8.078	1.14%	94.04%
3.1	8.334		
3.1	8.334	1.03%	95.07%
2.6	8.587		
2.6	8.587	0.88%	95.94%
2.2	8.828		
2.2	8.828	0.92%	96.86%
1.8	9.118		
1.8	9.118	0.71%	97.57%
1.5	9.381		
1.5	9.381	0.48%	98.05%
1.3	9.587		
1.3	9.587	0.48%	98.53%
1.1	9.828		
1.1	9.828	0.48%	99.01%
0.9	10.118		
< 0,900	> 10,118	0.99%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 6
Livello (cm)	(0-25)
Peso totale (g)	28.4
Frazione > 63 μm (%)	17.9
Frazione < 63 μm (%)	82.1

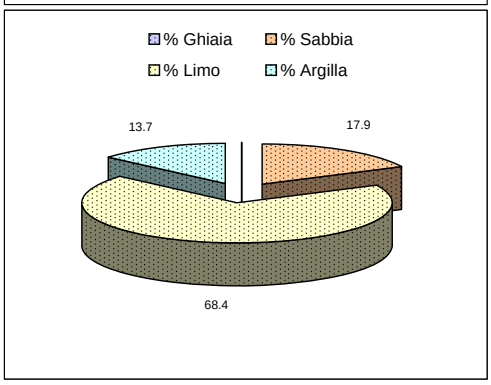
Frazione grossolana (> 63 μm) = 17.9	
% Ghiaia	% Sabbia
0.0	17.9

Frazione pelitica (< 63 μm) = 82.1	
% Limo	% Argilla
68.4	13.7

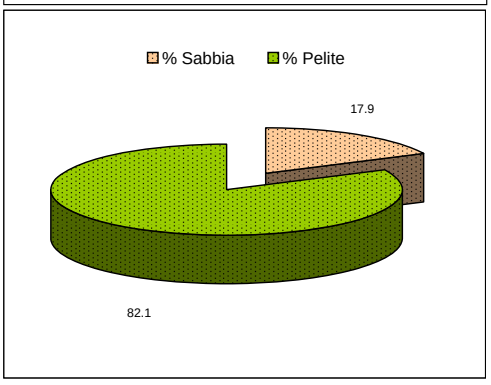
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.664
Deviazione Standard	1.926
Asimmetria (Skewness)	0.205
Appuntimento (Kurtosis)	1.102
Mediana (Φ)	5.425
Moda (Φ)	5.000

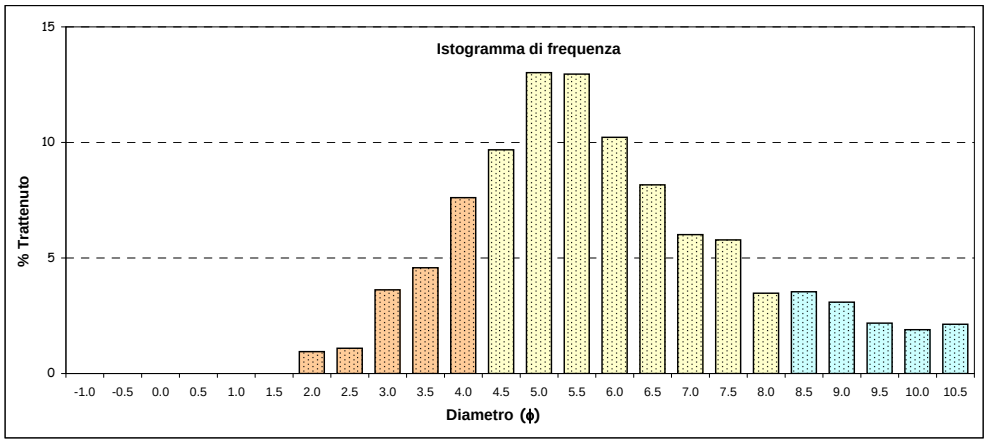
Percentili (Φ)	
5	2.915
16	3.886
25	4.413
50	5.425
75	6.812
84	7.680
95	9.365

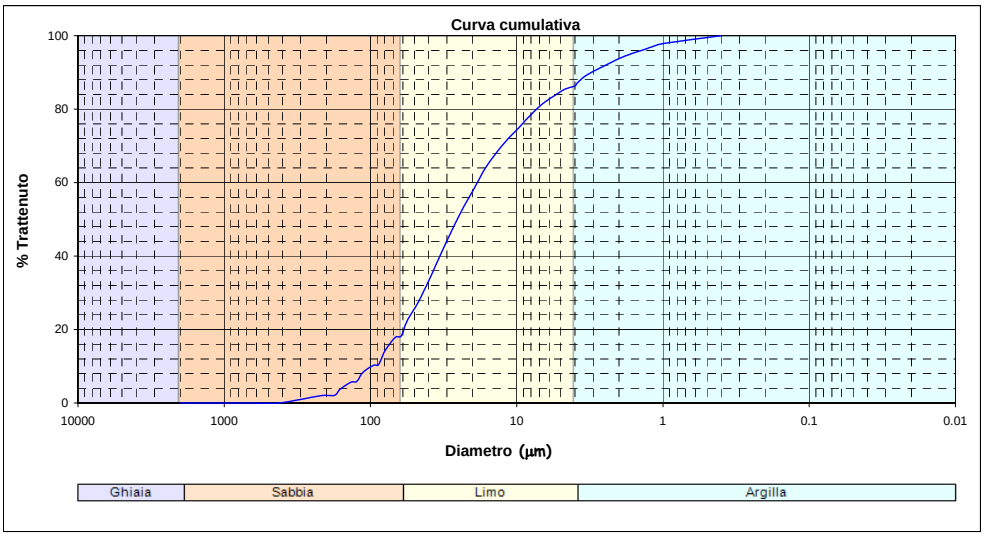
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.95%	0.95%
250	2		
250	2	1.09%	2.04%
176.78	2.5		
176.78	2.5	0.05%	2.09%
175	2.515		
175	2.515	1.65%	3.75%
147	2.766		
147	2.766	1.91%	5.66%
125	3		
125	3	0.21%	5.87%
123	3.023		
123	3.023	2.40%	8.27%
103	3.279		
103	3.279	1.96%	10.24%
88.39	3.5		
88.39	3.5	0.28%	10.52%
87	3.523		
87	3.523	3.53%	14.05%
73	3.776		
73	3.776	3.80%	17.85%
62.5	4		
62.5	4	0.37%	18.22%
61	4.035		
61	4.035	4.20%	22.42%
51	4.293		
51	4.293	5.12%	27.53%
43	4.54		
43	4.54	6.21%	33.74%
36	4.796		
36	4.796	6.81%	40.55%
30	5.059		
30	5.059	6.80%	47.35%
25	5.322		
25	5.322	6.15%	53.50%
21	5.573		
21	5.573	4.99%	58.49%
18	5.796		
18	5.796	5.24%	63.73%
15	6.059		
15	6.059	4.48%	68.21%
12.5	6.322		
12.5	6.322	3.68%	71.89%
10.5	6.573		
10.5	6.573	2.90%	74.79%
9	6.796		
9	6.796	3.11%	77.90%
7.5	7.059		
7.5	7.059	3.37%	81.27%
6	7.381		
6	7.381	2.41%	83.68%
5	7.644		
5	7.644	1.81%	85.49%
4.3	7.861		
4.3	7.861	0.84%	86.33%
4	7.966		
4	7.966	0.84%	87.16%
3.7	8.078		
3.7	8.078	1.84%	89.00%
3.1	8.334		
3.1	8.334	1.69%	90.70%
2.6	8.587		
2.6	8.587	1.48%	92.18%
2.2	8.828		
2.2	8.828	1.61%	93.79%
1.8	9.118		
1.8	9.118	1.29%	95.07%
1.5	9.381		
1.5	9.381	0.90%	95.97%
1.3	9.587		
1.3	9.587	0.93%	96.90%
1.1	9.828		
1.1	9.828	0.97%	97.87%
0.9	10.118		
< 0,900	> 10,118	2.13%	100.00%

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 6**
Livello (cm)	**(25-50)**
Peso totale (g)	17.8
Frazione > 63 μm (%)	12.5
Frazione < 63 μm (%)	87.5

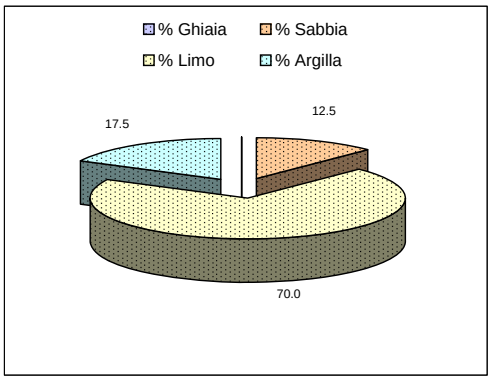
Frazione grossolana (> 63 μm) =	**12.5**
% Ghiaia	**% Sabbia**
0.0	**12.5**

Frazione pelitica (< 63 μm) =	**87.5**
% Limo	**% Argilla**
70.0	**17.5**

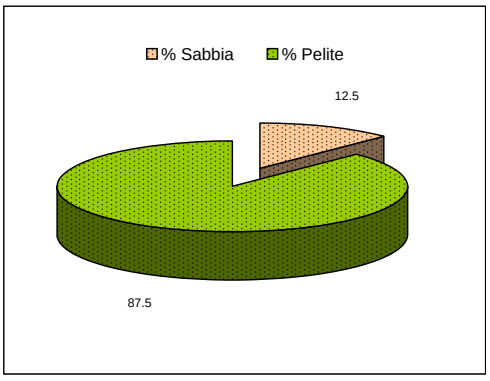
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.029
Deviazione Standard	1.896
Asimmetria (Skewness)	0.259
Appuntimento (Kurtosis)	0.968
Mediana (Φ)	5.730
Moda (Φ)	5.500

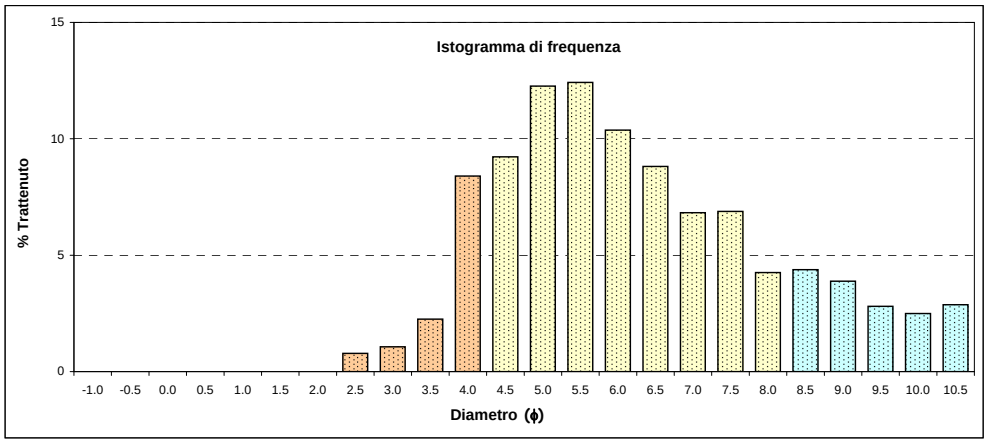
Percentili (Φ)	
5	3.559
16	4.234
25	4.677
50	5.730
75	7.259
84	8.123
95	9.656

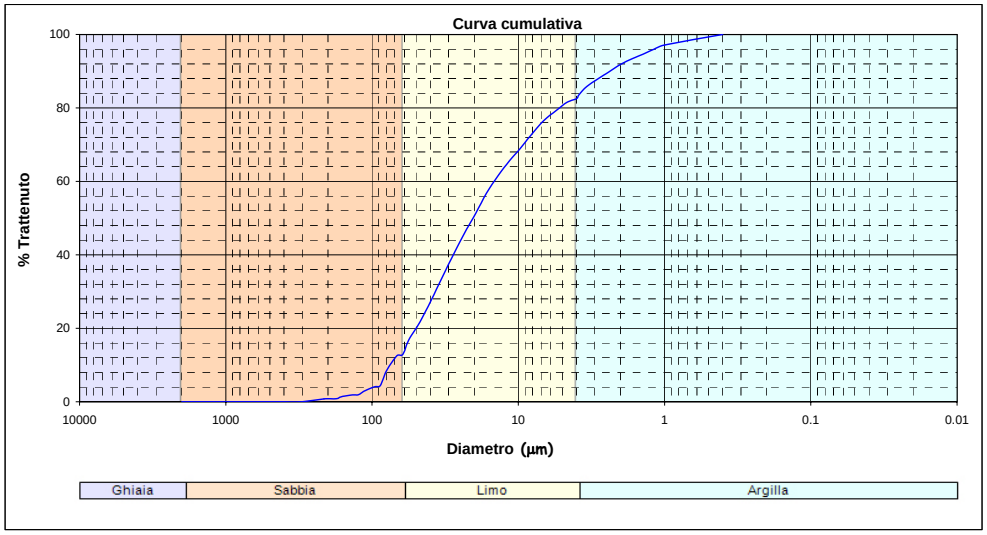
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.79%	0.79%
176.78	2.5		
176.78	2.5	0.04%	0.82%
175	2.515		
175	2.515	0.58%	1.40%
147	2.766		
147	2.766	0.45%	1.85%
125	3		
125	3	0.08%	1.93%
123	3.023		
123	3.023	0.98%	2.92%
103	3.279		
103	3.279	1.19%	4.11%
88.39	3.5		
88.39	3.5	0.29%	4.40%
87	3.523		
87	3.523	3.91%	8.31%
73	3.776		
73	3.776	4.19%	12.50%
62.5	4		
62.5	4	0.34%	12.85%
61	4.035		
61	4.035	4.01%	16.86%
51	4.293		
51	4.293	4.87%	21.73%
43	4.54		
43	4.54	5.86%	27.59%
36	4.796		
36	4.796	6.41%	34.00%
30	5.059		
30	5.059	6.46%	40.45%
25	5.322		
25	5.322	5.97%	46.42%
21	5.573		
21	5.573	4.97%	51.39%
18	5.796		
18	5.796	5.40%	56.79%
15	6.059		
15	6.059	4.77%	61.57%
12.5	6.322		
12.5	6.322	4.04%	65.61%
10.5	6.573		
10.5	6.573	3.25%	68.86%
9	6.796		
9	6.796	3.57%	72.43%
7.5	7.059		
7.5	7.059	3.98%	76.41%
6	7.381		
6	7.381	2.91%	79.31%
5	7.644		
5	7.644	2.20%	81.52%
4.3	7.861		
4.3	7.861	1.03%	82.54%
4	7.966		
4	7.966	1.03%	83.57%
3.7	8.078		
3.7	8.078	2.27%	85.84%
3.1	8.334		
3.1	8.334	2.11%	87.95%
2.6	8.587		
2.6	8.587	1.85%	89.80%
2.2	8.828		
2.2	8.828	2.03%	91.83%
1.8	9.118		
1.8	9.118	1.64%	93.47%
1.5	9.381		
1.5	9.381	1.16%	94.63%
1.3	9.587		
1.3	9.587	1.22%	95.85%
1.1	9.828		
1.1	9.828	1.28%	97.13%
0.9	10.118		
< 0,900	> 10,118	2.87%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 6
Livello (cm)	(50-75)
Peso totale (g)	30.8
Frazione > 63 µm (%)	9.7
Frazione < 63 µm (%)	90.3

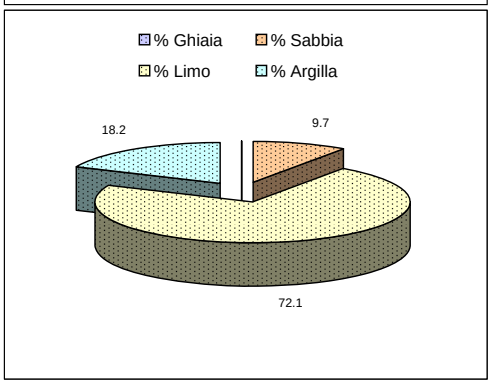
Frazione grossolana (> 63 µm) = 9.7	
% Ghiaia	% Sabbia
0.0	9.7

Frazione pelitica (< 63 µm) = 90.3	
% Limo	% Argilla
72.1	18.2

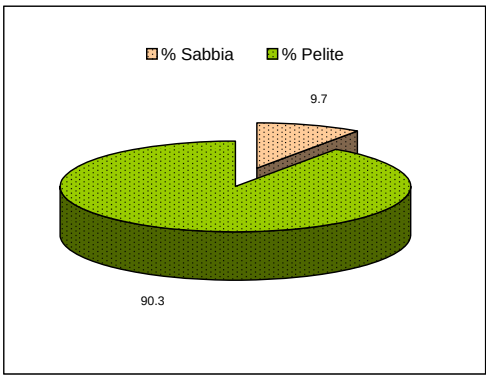
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.173
Deviazione Standard	1.864
Asimmetria (Skewness)	0.226
Appuntimento (Kurtosis)	1.004
Mediana (Φ)	5.895
Moda (Φ)	5.500

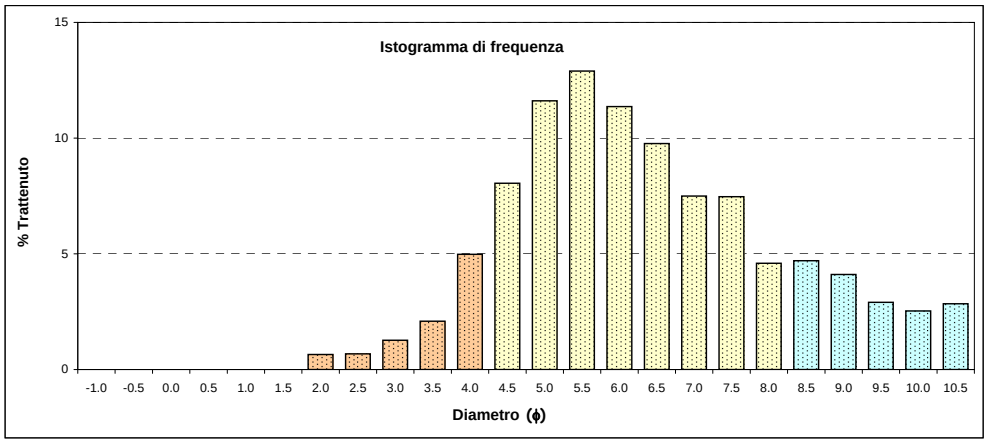
Percentili (Φ)	
5	3.542
16	4.436
25	4.871
50	5.895
75	7.367
84	8.186
95	9.654

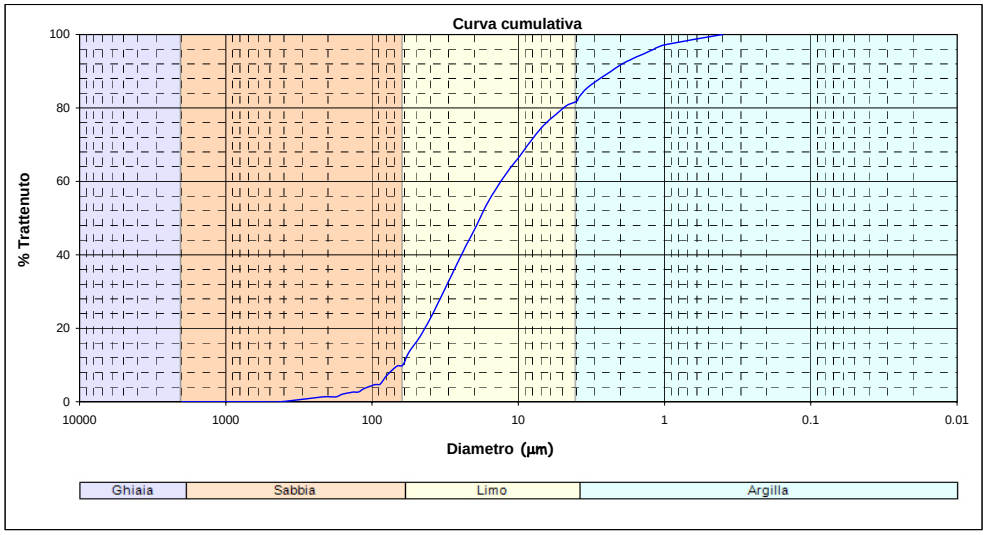
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.65%	0.65%
250	2		
250	2	0.68%	1.33%
176.78	2.5		
176.78	2.5	0.04%	1.37%
175	2.515		
175	2.515	0.63%	2.00%
147	2.766		
147	2.766	0.59%	2.60%
125	3		
125	3	0.07%	2.66%
123	3.023		
123	3.023	0.94%	3.60%
103	3.279		
103	3.279	1.08%	4.68%
88.39	3.5		
88.39	3.5	0.14%	4.82%
87	3.523		
87	3.523	2.18%	7.00%
73	3.776		
73	3.776	2.66%	9.66%
62.5	4		
62.5	4	0.29%	9.96%
61	4.035		
61	4.035	3.45%	13.41%
51	4.293		
51	4.293	4.30%	17.72%
43	4.54		
43	4.54	5.40%	23.12%
36	4.796		
36	4.796	6.21%	29.33%
30	5.059		
30	5.059	6.57%	35.90%
25	5.322		
25	5.322	6.32%	42.22%
21	5.573		
21	5.573	5.40%	47.63%
18	5.796		
18	5.796	5.96%	53.59%
15	6.059		
15	6.059	5.29%	58.88%
12.5	6.322		
12.5	6.322	4.47%	63.35%
10.5	6.573		
10.5	6.573	3.58%	66.93%
9	6.796		
9	6.796	3.91%	70.85%
7.5	7.059		
7.5	7.059	4.32%	75.17%
6	7.381		
6	7.381	3.14%	78.31%
5	7.644		
5	7.644	2.38%	80.69%
4.3	7.861		
4.3	7.861	1.11%	81.80%
4	7.966		
4	7.966	1.11%	82.91%
3.7	8.078		
3.7	8.078	2.45%	85.36%
3.1	8.334		
3.1	8.334	2.26%	87.62%
2.6	8.587		
2.6	8.587	1.97%	89.59%
2.2	8.828		
2.2	8.828	2.14%	91.73%
1.8	9.118		
1.8	9.118	1.71%	93.44%
1.5	9.381		
1.5	9.381	1.20%	94.63%
1.3	9.587		
1.3	9.587	1.24%	95.88%
1.1	9.828		
1.1	9.828	1.29%	97.16%
0.9	10.118		
< 0,900	> 10,118	2.84%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 6
Livello (cm)	(75-100)
Peso totale (g)	27.9
Frazione > 63 µm (%)	13.1
Frazione < 63 µm (%)	86.9

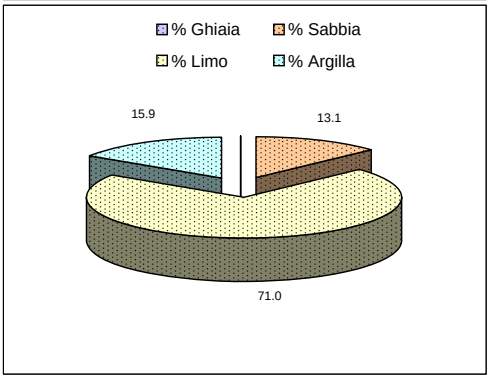
Frazione grossolana (> 63 µm) = 13.1	
% Ghiaia	% Sabbia
0.0	13.1

Frazione pelitica (< 63 µm) = 86.9	
% Limo	% Argilla
71.0	15.9

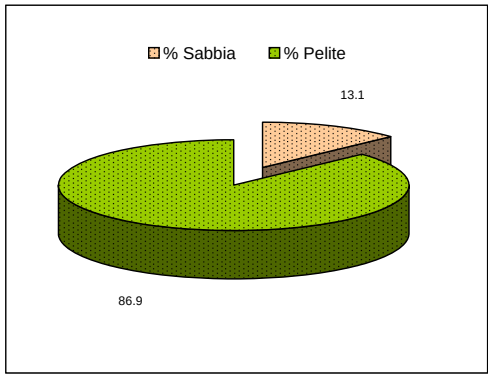
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.948
Deviazione Standard	1.898
Asimmetria (Skewness)	0.208
Appuntimento (Kurtosis)	1.065
Mediana (Φ)	5.687
Moda (Φ)	5.500

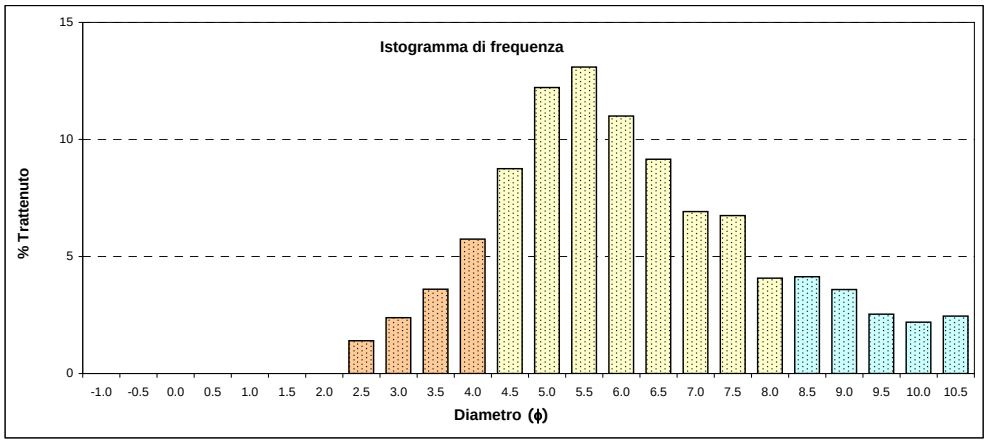
Percentili (Φ)	
5	3.176
16	4.202
25	4.674
50	5.687
75	7.114
84	7.954
95	9.515

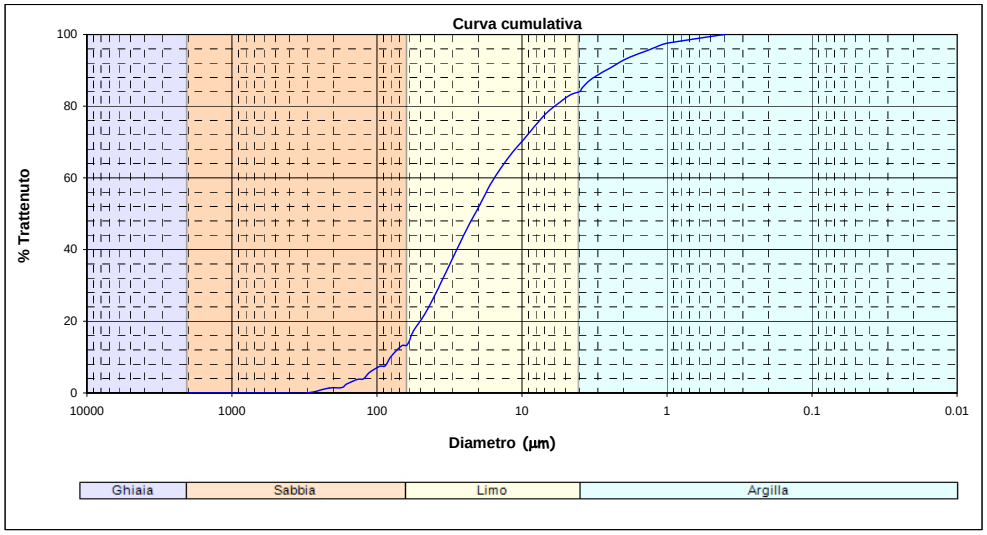
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.40%	1.40%
176.78	2.5		
176.78	2.5	0.06%	1.46%
175	2.515		
175	2.515	1.10%	2.56%
147	2.766		
147	2.766	1.22%	3.78%
125	3		
125	3	0.13%	3.92%
123	3.023		
123	3.023	1.75%	5.67%
103	3.279		
103	3.279	1.72%	7.39%
88.39	3.5		
88.39	3.5	0.18%	7.57%
87	3.523		
87	3.523	2.59%	10.16%
73	3.776		
73	3.776	2.97%	13.13%
62.5	4		
62.5	4	0.34%	13.47%
61	4.035		
61	4.035	3.79%	17.26%
51	4.293		
51	4.293	4.61%	21.88%
43	4.54		
43	4.54	5.72%	27.60%
36	4.796		
36	4.796	6.50%	34.10%
30	5.059		
30	5.059	6.75%	40.85%
25	5.322		
25	5.322	6.34%	47.19%
21	5.573		
21	5.573	5.30%	52.49%
18	5.796		
18	5.796	5.71%	58.19%
15	6.059		
15	6.059	4.98%	63.18%
12.5	6.322		
12.5	6.322	4.17%	67.35%
10.5	6.573		
10.5	6.573	3.32%	70.66%
9	6.796		
9	6.796	3.60%	74.26%
7.5	7.059		
7.5	7.059	3.93%	78.19%
6	7.381		
6	7.381	2.82%	81.01%
5	7.644		
5	7.644	2.12%	83.13%
4.3	7.861		
4.3	7.861	0.98%	84.11%
4	7.966		
4	7.966	0.98%	85.09%
3.7	8.078		
3.7	8.078	2.15%	87.24%
3.1	8.334		
3.1	8.334	1.98%	89.22%
2.6	8.587		
2.6	8.587	1.73%	90.95%
2.2	8.828		
2.2	8.828	1.87%	92.81%
1.8	9.118		
1.8	9.118	1.49%	94.31%
1.5	9.381		
1.5	9.381	1.04%	95.35%
1.3	9.587		
1.3	9.587	1.08%	96.43%
1.1	9.828		
1.1	9.828	1.12%	97.54%
0.9	10.118		
< 0,900	> 10,118	2.46%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(0-25)
Peso totale (g)	35.0
Frazione > 63 µm (%)	40.9
Frazione < 63 µm (%)	59.1

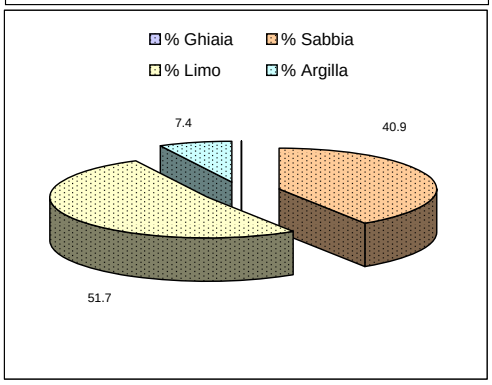
Frazione grossolana (> 63 µm) = 40.9	
% Ghiaia	% Sabbia
0.0	40.9

Frazione pelitica (< 63 µm) = 59.1	
% Limo	% Argilla
51.7	7.4

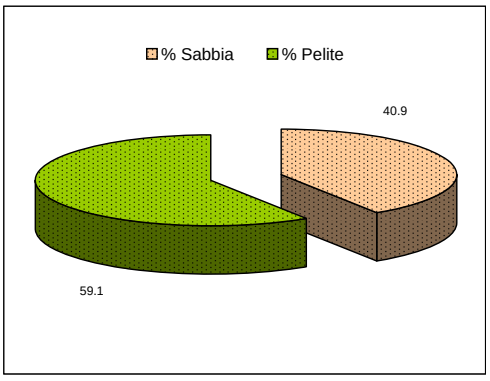
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.733
Deviazione Standard	1.904
Asimmetria (Skewness)	0.192
Appuntimento (Kurtosis)	1.169
Mediana (Φ)	4.545
Moda (Φ)	4.000

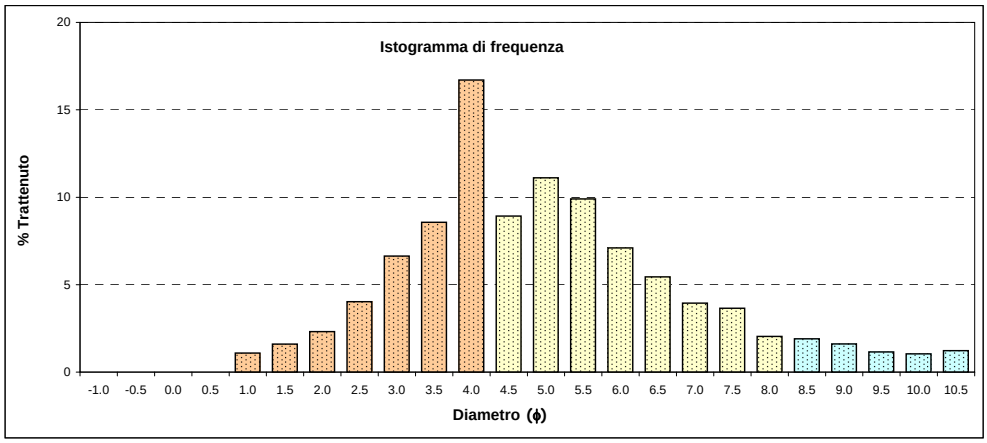
Percentili (Φ)	
5	2.000
16	3.018
25	3.523
50	4.545
75	5.836
84	6.636
95	8.595

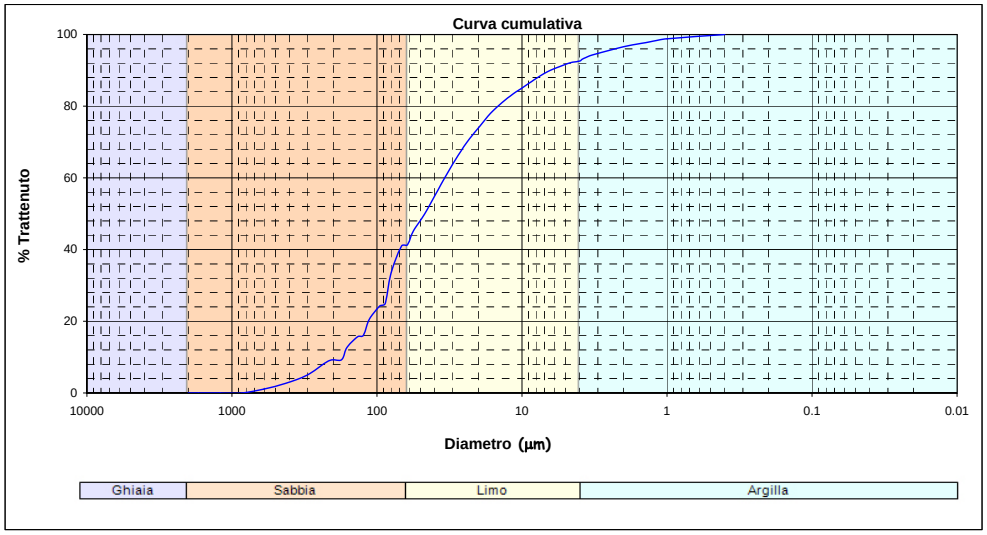
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.09%	1.09%
500	1		
500	1	1.60%	2.69%
353.55	1.5		
353.55	1.5	2.31%	5.00%
250	2		
250	2	4.03%	9.03%
176.78	2.5		
176.78	2.5	0.22%	9.25%
175	2.515		
175	2.515	3.50%	12.75%
147	2.766		
147	2.766	2.92%	15.67%
125	3		
125	3	0.42%	16.08%
123	3.023		
123	3.023	4.46%	20.55%
103	3.279		
103	3.279	3.69%	24.24%
88.39	3.5		
88.39	3.5	0.75%	24.99%
87	3.523		
87	3.523	8.44%	33.43%
73	3.776		
73	3.776	7.51%	40.94%
62.5	4		
62.5	4	0.34%	41.29%
61	4.035		
61	4.035	3.92%	45.21%
51	4.293		
51	4.293	4.66%	49.87%
43	4.54		
43	4.54	5.44%	55.31%
36	4.796		
36	4.796	5.67%	60.98%
30	5.059		
30	5.059	5.34%	66.32%
25	5.322		
25	5.322	4.56%	70.88%
21	5.573		
21	5.573	3.53%	74.41%
18	5.796		
18	5.796	3.58%	77.99%
15	6.059		
15	6.059	3.00%	80.99%
12.5	6.322		
12.5	6.322	2.45%	83.43%
10.5	6.573		
10.5	6.573	1.91%	85.34%
9	6.796		
9	6.796	2.03%	87.37%
7.5	7.059		
7.5	7.059	2.16%	89.53%
6	7.381		
6	7.381	1.50%	91.03%
5	7.644		
5	7.644	1.08%	92.11%
4.3	7.861		
4.3	7.861	0.48%	92.59%
4	7.966		
4	7.966	0.48%	93.07%
3.7	8.078		
3.7	8.078	1.01%	94.07%
3.1	8.334		
3.1	8.334	0.90%	94.97%
2.6	8.587		
2.6	8.587	0.77%	95.74%
2.2	8.828		
2.2	8.828	0.84%	96.58%
1.8	9.118		
1.8	9.118	0.67%	97.25%
1.5	9.381		
1.5	9.381	0.48%	97.73%
1.3	9.587		
1.3	9.587	0.51%	98.24%
1.1	9.828		
1.1	9.828	0.54%	98.77%
0.9	10.118		
< 0,900	> 10,118	1.23%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(25-50)
Peso totale (g)	31.5
Frazione > 63 μm (%)	36.3
Frazione < 63 μm (%)	63.7

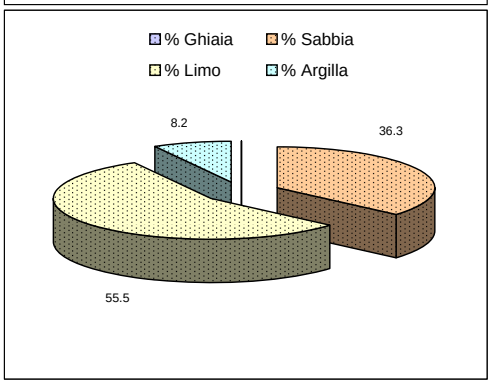
Frazione grossolana (> 63 μm) = 36.3	
% Ghiaia	% Sabbia
0.0	36.3

Frazione pelitica (< 63 μm) = 63.7	
% Limo	% Argilla
55.5	8.2

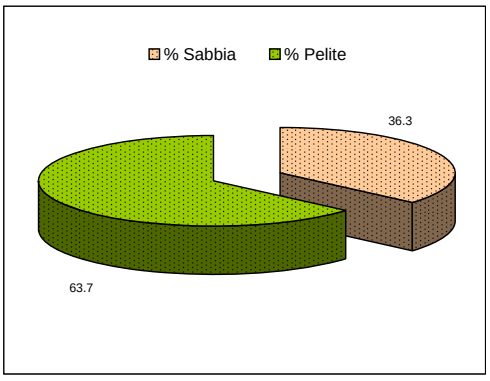
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.860
Deviazione Standard	2.037
Asimmetria (Skewness)	0.096
Appuntimento (Kurtosis)	1.170
Mediana (Φ)	4.765
Moda (Φ)	4.000

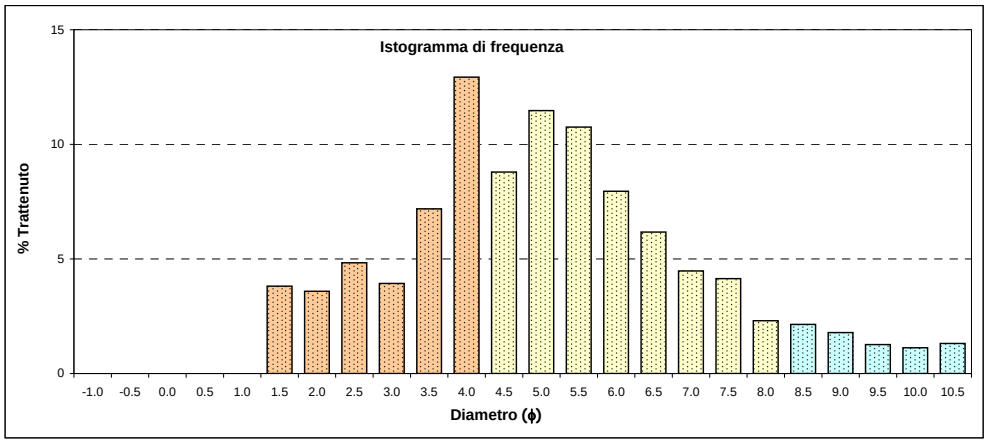
Percentili (Φ)	
5	1.647
16	2.978
25	3.563
50	4.765
75	6.041
84	6.838
95	8.721

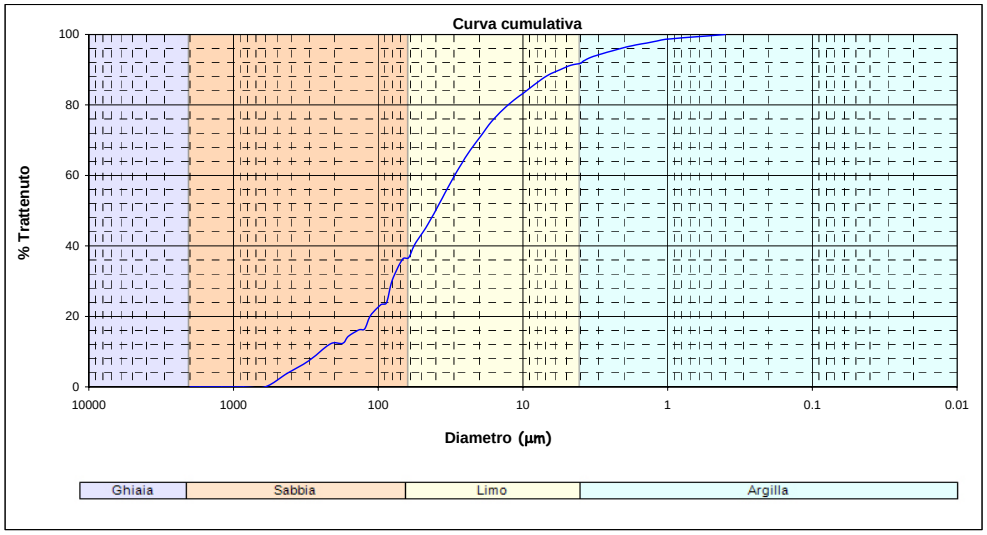
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.81%	3.81%
353.55	1.5		
353.55	1.5	3.59%	7.40%
250	2		
250	2	4.83%	12.23%
176.78	2.5		
176.78	2.5	0.12%	12.35%
175	2.515		
175	2.515	1.99%	14.34%
147	2.766		
147	2.766	1.82%	16.16%
125	3		
125	3	0.34%	16.50%
123	3.023		
123	3.023	3.73%	20.24%
103	3.279		
103	3.279	3.11%	23.35%
88.39	3.5		
88.39	3.5	0.56%	23.91%
87	3.523		
87	3.523	6.43%	30.34%
73	3.776		
73	3.776	5.94%	36.28%
62.5	4		
62.5	4	0.33%	36.61%
61	4.035		
61	4.035	3.83%	40.44%
51	4.293		
51	4.293	4.63%	45.07%
43	4.54		
43	4.54	5.54%	50.61%
36	4.796		
36	4.796	5.94%	56.54%
30	5.059		
30	5.059	5.74%	62.29%
25	5.322		
25	5.322	5.01%	67.30%
21	5.573		
21	5.573	3.93%	71.23%
18	5.796		
18	5.796	4.02%	75.26%
15	6.059		
15	6.059	3.40%	78.65%
12.5	6.322		
12.5	6.322	2.78%	81.43%
10.5	6.573		
10.5	6.573	2.17%	83.61%
9	6.796		
9	6.796	2.31%	85.91%
7.5	7.059		
7.5	7.059	2.45%	88.36%
6	7.381		
6	7.381	1.70%	90.05%
5	7.644		
5	7.644	1.22%	91.28%
4.3	7.861		
4.3	7.861	0.54%	91.82%
4	7.966		
4	7.966	0.54%	92.36%
3.7	8.078		
3.7	8.078	1.14%	93.50%
3.1	8.334		
3.1	8.334	1.01%	94.51%
2.6	8.587		
2.6	8.587	0.86%	95.37%
2.2	8.828		
2.2	8.828	0.93%	96.29%
1.8	9.118		
1.8	9.118	0.74%	97.04%
1.5	9.381		
1.5	9.381	0.52%	97.56%
1.3	9.587		
1.3	9.587	0.55%	98.11%
1.1	9.828		
1.1	9.828	0.58%	98.69%
0.9	10.118		
< 0,900	> 10,118	1.31%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(50-75)
Peso totale (g)	22.8
Frazione > 63 μm (%)	46.5
Frazione < 63 μm (%)	53.5

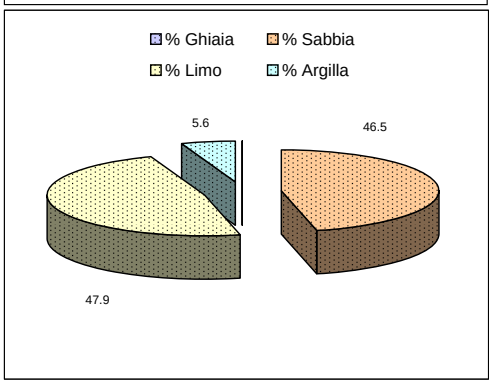
Frazione grossolana (> 63 μm) = 46.5	
% Ghiaia	% Sabbia
0.0	46.5

Frazione pelitica (< 63 μm) = 53.5	
% Limo	% Argilla
47.9	5.6

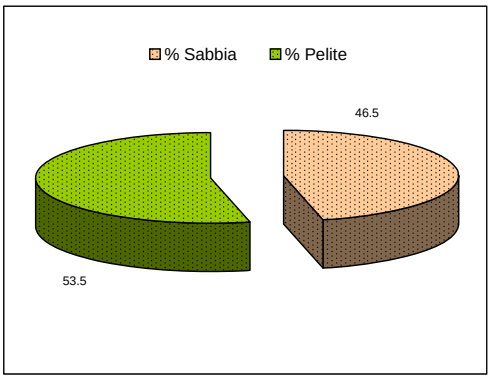
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.414
Deviazione Standard	1.786
Asimmetria (Skewness)	0.256
Appuntimento (Kurtosis)	1.090
Mediana (Φ)	4.173
Moda (Φ)	4.000

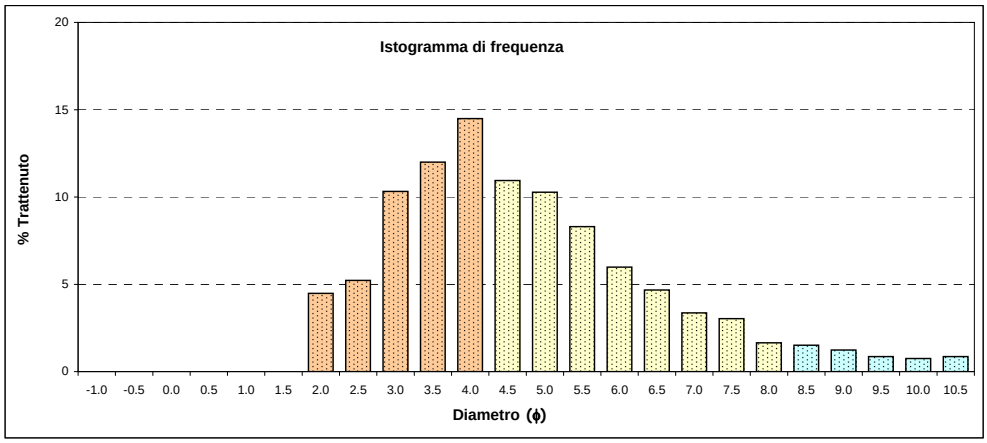
Percentili (Φ)	
5	2.043
16	2.813
25	3.203
50	4.173
75	5.499
84	6.255
95	8.148

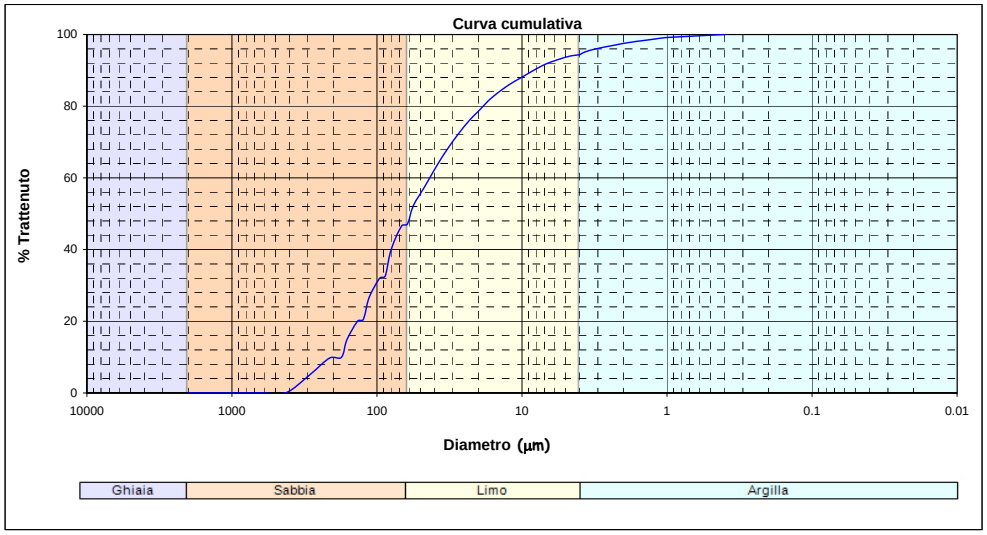
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.48%	4.48%
250	2		
250	2	5.23%	9.71%
176.78	2.5		
176.78	2.5	0.25%	9.95%
175	2.515		
175	2.515	4.96%	14.91%
147	2.766		
147	2.766	5.11%	20.03%
125	3		
125	3	0.51%	20.54%
123	3.023		
123	3.023	6.19%	26.72%
103	3.279		
103	3.279	5.30%	32.03%
88.39	3.5		
88.39	3.5	0.61%	32.64%
87	3.523		
87	3.523	7.27%	39.91%
73	3.776		
73	3.776	6.61%	46.52%
62.5	4		
62.5	4	0.59%	47.11%
61	4.035		
61	4.035	5.20%	52.31%
51	4.293		
51	4.293	5.16%	57.47%
43	4.54		
43	4.54	5.26%	62.73%
36	4.796		
36	4.796	5.02%	67.75%
30	5.059		
30	5.059	4.51%	72.25%
25	5.322		
25	5.322	3.80%	76.05%
21	5.573		
21	5.573	2.95%	79.01%
18	5.796		
18	5.796	3.03%	82.04%
15	6.059		
15	6.059	2.57%	84.61%
12.5	6.322		
12.5	6.322	2.11%	86.71%
10.5	6.573		
10.5	6.573	1.64%	88.36%
9	6.796		
9	6.796	1.72%	90.08%
7.5	7.059		
7.5	7.059	1.80%	91.88%
6	7.381		
6	7.381	1.23%	93.11%
5	7.644		
5	7.644	0.88%	93.99%
4.3	7.861		
4.3	7.861	0.39%	94.38%
4	7.966		
4	7.966	0.39%	94.77%
3.7	8.078		
3.7	8.078	0.81%	95.57%
3.1	8.334		
3.1	8.334	0.71%	96.28%
2.6	8.587		
2.6	8.587	0.60%	96.88%
2.2	8.828		
2.2	8.828	0.64%	97.52%
1.8	9.118		
1.8	9.118	0.51%	98.03%
1.5	9.381		
1.5	9.381	0.35%	98.38%
1.3	9.587		
1.3	9.587	0.37%	98.75%
1.1	9.828		
1.1	9.828	0.38%	99.14%
0.9	10.118		
< 0,900	> 10,118	0.86%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(75-100)
Peso totale (g)	17.9
Frazione > 63 µm (%)	41.0
Frazione < 63 µm (%)	59.0

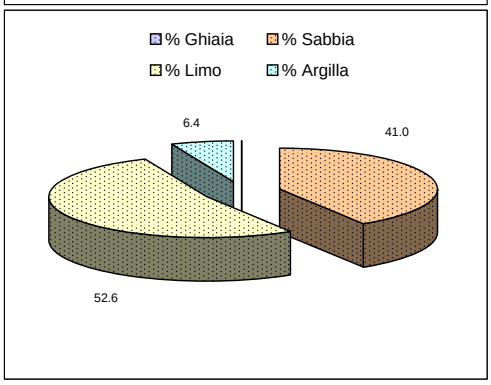
Frazione grossolana (> 63 µm) = 41.0	
% Ghiaia	% Sabbia
0.0	41.0

Frazione pelitica (< 63 µm) = 59.0	
% Limo	% Argilla
52.6	6.4

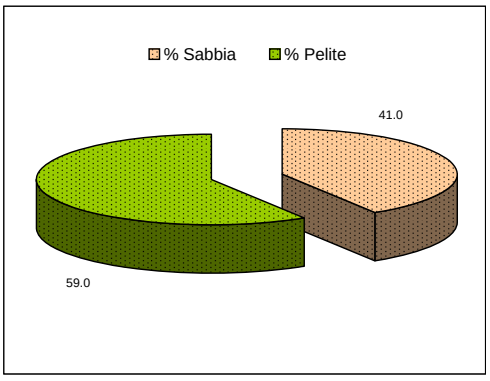
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.649
Deviazione Standard	1.854
Asimmetria (Skewness)	0.196
Appuntimento (Kurtosis)	1.062
Mediana (Φ)	4.462
Moda (Φ)	4.000

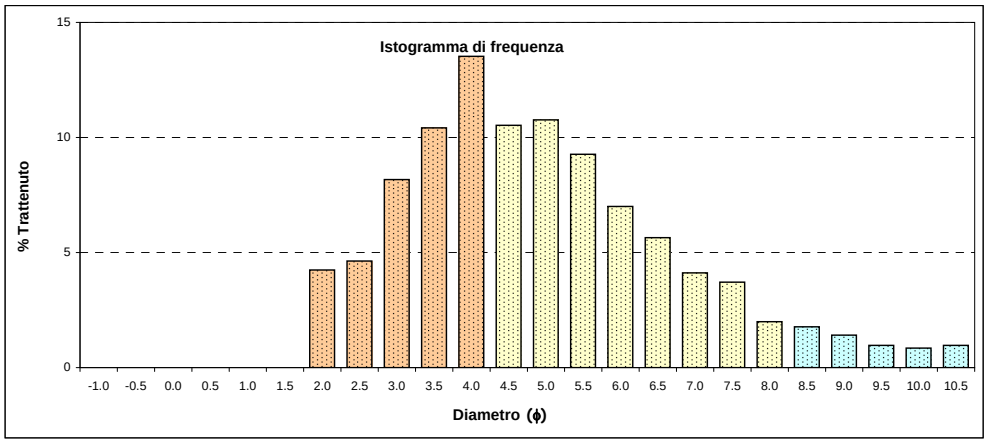
Percentili (Φ)	
5	2.071
16	2.934
25	3.379
50	4.462
75	5.798
84	6.552
95	8.339

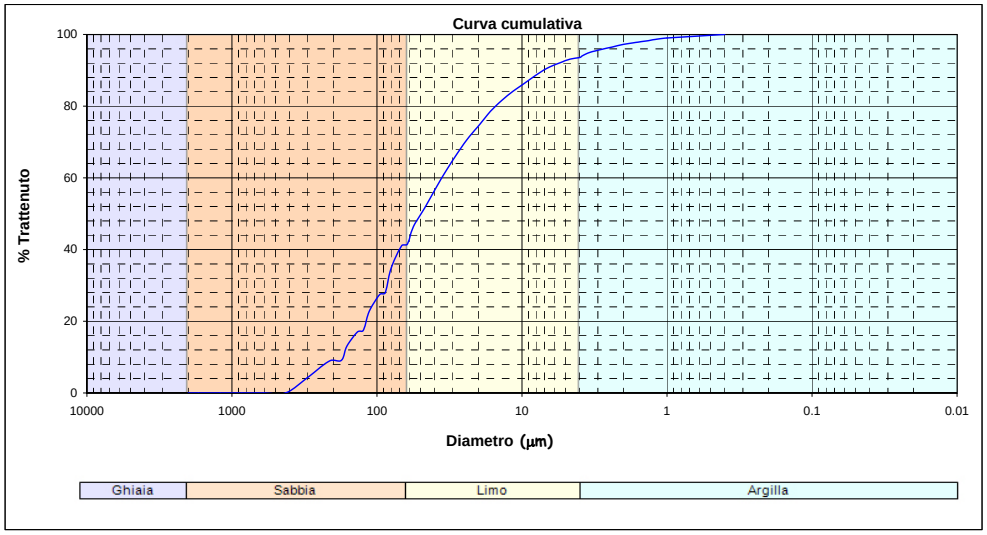
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.24%	4.24%
250	2		
250	2	4.63%	8.87%
176.78	2.5		
176.78	2.5	0.22%	9.09%
175	2.515		
175	2.515	4.02%	13.11%
147	2.766		
147	2.766	3.93%	17.04%
125	3		
125	3	0.45%	17.48%
123	3.023		
123	3.023	5.31%	22.80%
103	3.279		
103	3.279	4.66%	27.46%
88.39	3.5		
88.39	3.5	0.55%	28.01%
87	3.523		
87	3.523	6.71%	34.72%
73	3.776		
73	3.776	6.26%	40.99%
62.5	4		
62.5	4	0.52%	41.51%
61	4.035		
61	4.035	4.91%	46.43%
51	4.293		
51	4.293	5.09%	51.52%
43	4.54		
43	4.54	5.41%	56.93%
36	4.796		
36	4.796	5.35%	62.28%
30	5.059		
30	5.059	4.97%	67.25%
25	5.322		
25	5.322	4.30%	71.55%
21	5.573		
21	5.573	3.42%	74.97%
18	5.796		
18	5.796	3.58%	78.55%
15	6.059		
15	6.059	3.09%	81.64%
12.5	6.322		
12.5	6.322	2.56%	84.20%
10.5	6.573		
10.5	6.573	2.01%	86.21%
9	6.796		
9	6.796	2.11%	88.32%
7.5	7.059		
7.5	7.059	2.21%	90.53%
6	7.381		
6	7.381	1.51%	92.03%
5	7.644		
5	7.644	1.07%	93.10%
4.3	7.861		
4.3	7.861	0.46%	93.57%
4	7.966		
4	7.966	0.46%	94.03%
3.7	8.078		
3.7	8.078	0.95%	94.98%
3.1	8.334		
3.1	8.334	0.82%	95.80%
2.6	8.587		
2.6	8.587	0.69%	96.49%
2.2	8.828		
2.2	8.828	0.72%	97.22%
1.8	9.118		
1.8	9.118	0.57%	97.79%
1.5	9.381		
1.5	9.381	0.40%	98.18%
1.3	9.587		
1.3	9.587	0.41%	98.60%
1.1	9.828		
1.1	9.828	0.43%	99.03%
0.9	10.118		
< 0,900	> 10,118	0.97%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(100-125)
Peso totale (g)	48.6
Frazione > 63 μm (%)	35.2
Frazione < 63 μm (%)	64.8

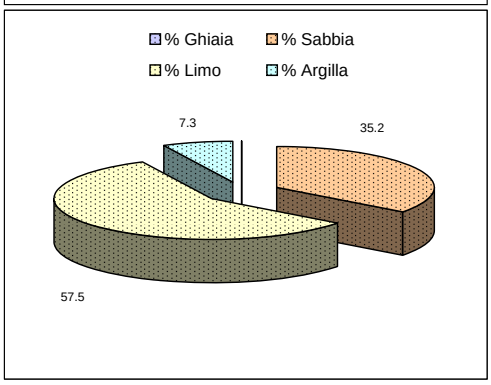
Frazione grossolana (> 63 μm) = 35.2	
% Ghiaia	% Sabbia
0.0	35.2

Frazione pelitica (< 63 μm) = 64.8	
% Limo	% Argilla
57.5	7.3

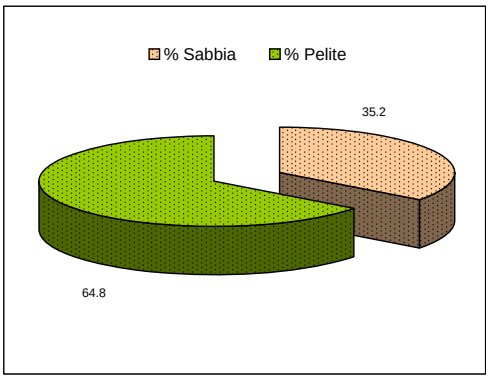
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.880
Deviazione Standard	1.813
Asimmetria (Skewness)	0.187
Appuntimento (Kurtosis)	1.139
Mediana (Φ)	4.697
Moda (Φ)	4.000

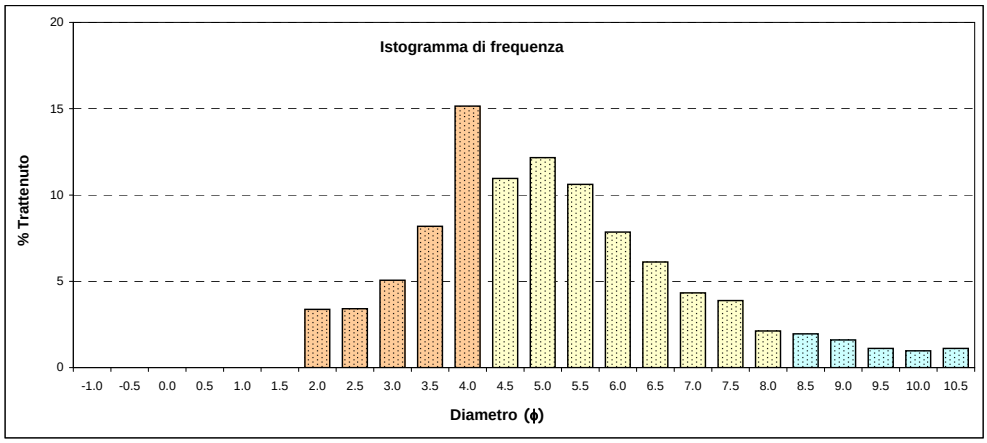
Percentili (Φ)	
5	2.216
16	3.257
25	3.664
50	4.697
75	5.935
84	6.684
95	8.528

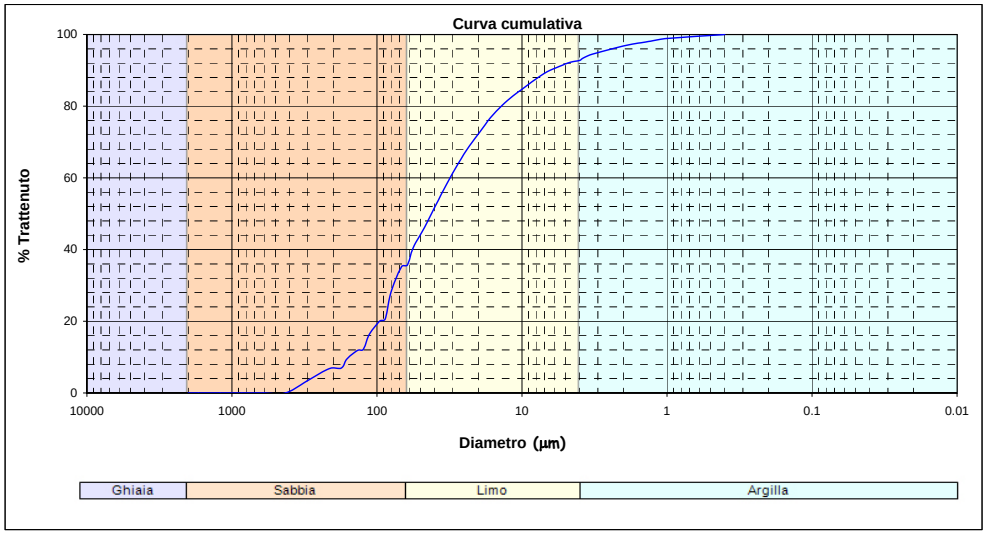
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.37%	3.37%
250	2		
250	2	3.42%	6.79%
176.78	2.5		
176.78	2.5	0.15%	6.94%
175	2.515		
175	2.515	2.55%	9.49%
147	2.766		
147	2.766	2.37%	11.85%
125	3		
125	3	0.35%	12.21%
123	3.023		
123	3.023	4.12%	16.33%
103	3.279		
103	3.279	3.72%	20.04%
88.39	3.5		
88.39	3.5	0.62%	20.66%
87	3.523		
87	3.523	7.49%	28.15%
73	3.776		
73	3.776	7.04%	35.19%
62.5	4		
62.5	4	0.48%	35.68%
61	4.035		
61	4.035	4.99%	40.66%
51	4.293		
51	4.293	5.49%	46.15%
43	4.54		
43	4.54	6.05%	52.21%
36	4.796		
36	4.796	6.11%	58.31%
30	5.059		
30	5.059	5.70%	64.01%
25	5.322		
25	5.322	4.92%	68.93%
21	5.573		
21	5.573	3.87%	72.80%
18	5.796		
18	5.796	3.99%	76.79%
15	6.059		
15	6.059	3.37%	80.16%
12.5	6.322		
12.5	6.322	2.74%	82.90%
10.5	6.573		
10.5	6.573	2.12%	85.02%
9	6.796		
9	6.796	2.21%	87.23%
7.5	7.059		
7.5	7.059	2.31%	89.54%
6	7.381		
6	7.381	1.58%	91.12%
5	7.644		
5	7.644	1.13%	92.25%
4.3	7.861		
4.3	7.861	0.50%	92.75%
4	7.966		
4	7.966	0.50%	93.24%
3.7	8.078		
3.7	8.078	1.04%	94.28%
3.1	8.334		
3.1	8.334	0.91%	95.20%
2.6	8.587		
2.6	8.587	0.78%	95.97%
2.2	8.828		
2.2	8.828	0.83%	96.80%
1.8	9.118		
1.8	9.118	0.66%	97.45%
1.5	9.381		
1.5	9.381	0.46%	97.91%
1.3	9.587		
1.3	9.587	0.48%	98.39%
1.1	9.828		
1.1	9.828	0.50%	98.88%
0.9	10.118		
< 0,900	> 10,118	1.12%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(125-150)
Peso totale (g)	43.2
Frazione > 63 µm (%)	30.6
Frazione < 63 µm (%)	69.4

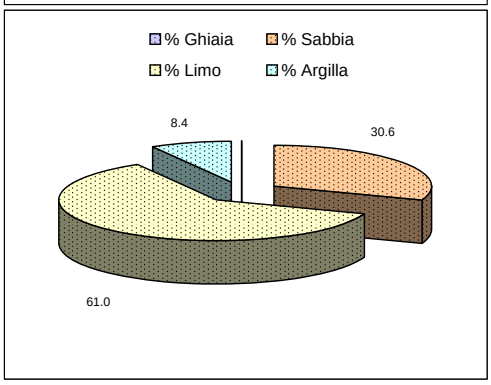
Frazione grossolana (> 63 µm) = 30.6	
% Ghiaia	% Sabbia
0.0	30.6

Frazione pelitica (< 63 µm) = 69.4	
% Limo	% Argilla
61.0	8.4

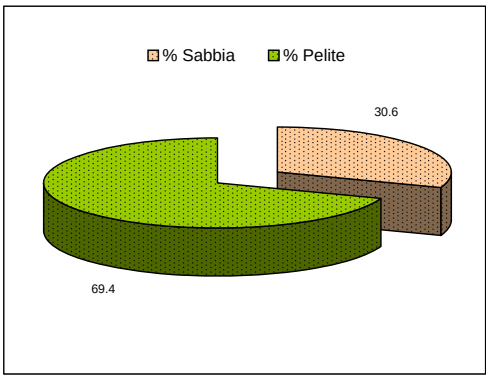
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.074
Deviazione Standard	1.851
Asimmetria (Skewness)	0.157
Appuntimento (Kurtosis)	1.124
Mediana (Φ)	4.926
Moda (Φ)	4.000

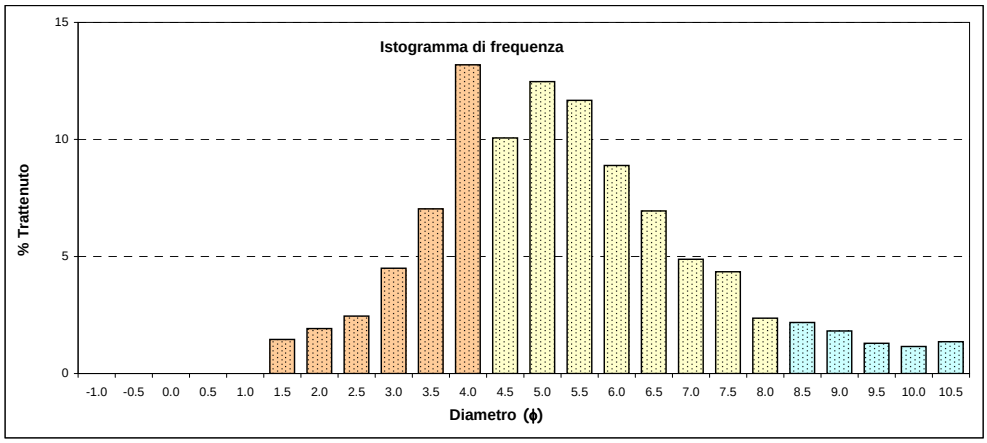
Percentili (Φ)	
5	2.309
16	3.399
25	3.797
50	4.926
75	6.146
84	6.896
95	8.755

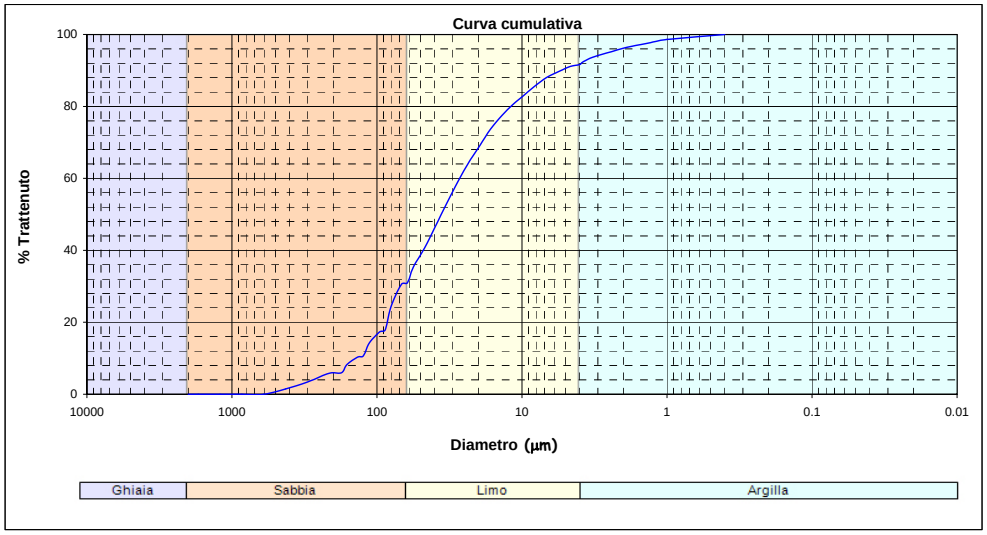
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.46%	1.46%
353.55	1.5		
353.55	1.5	1.92%	3.38%
250	2		
250	2	2.46%	5.84%
176.78	2.5		
176.78	2.5	0.13%	5.97%
175	2.515		
175	2.515	2.28%	8.25%
147	2.766		
147	2.766	2.08%	10.33%
125	3		
125	3	0.32%	10.65%
123	3.023		
123	3.023	3.59%	14.24%
103	3.279		
103	3.279	3.13%	17.37%
88.39	3.5		
88.39	3.5	0.54%	17.91%
87	3.523		
87	3.523	6.48%	24.39%
73	3.776		
73	3.776	6.17%	30.56%
62.5	4		
62.5	4	0.40%	30.96%
61	4.035		
61	4.035	4.46%	35.42%
51	4.293		
51	4.293	5.21%	40.62%
43	4.54		
43	4.54	6.06%	46.68%
36	4.796		
36	4.796	6.41%	53.09%
30	5.059		
30	5.059	6.20%	59.29%
25	5.322		
25	5.322	5.48%	64.76%
21	5.573		
21	5.573	4.36%	69.13%
18	5.796		
18	5.796	4.53%	73.65%
15	6.059		
15	6.059	3.84%	77.49%
12.5	6.322		
12.5	6.322	3.11%	80.60%
10.5	6.573		
10.5	6.573	2.39%	82.99%
9	6.796		
9	6.796	2.49%	85.48%
7.5	7.059		
7.5	7.059	2.58%	88.06%
6	7.381		
6	7.381	1.76%	89.83%
5	7.644		
5	7.644	1.26%	91.09%
4.3	7.861		
4.3	7.861	0.55%	91.64%
4	7.966		
4	7.966	0.55%	92.19%
3.7	8.078		
3.7	8.078	1.16%	93.35%
3.1	8.334		
3.1	8.334	1.02%	94.38%
2.6	8.587		
2.6	8.587	0.88%	95.25%
2.2	8.828		
2.2	8.828	0.94%	96.19%
1.8	9.118		
1.8	9.118	0.76%	96.95%
1.5	9.381		
1.5	9.381	0.53%	97.48%
1.3	9.587		
1.3	9.587	0.56%	98.05%
1.1	9.828		
1.1	9.828	0.59%	98.64%
0.9	10.118		
< 0,900	> 10,118	1.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(150-175)
Peso totale (g)	36.1
Frazione > 63 µm (%)	31.0
Frazione < 63 µm (%)	69.0

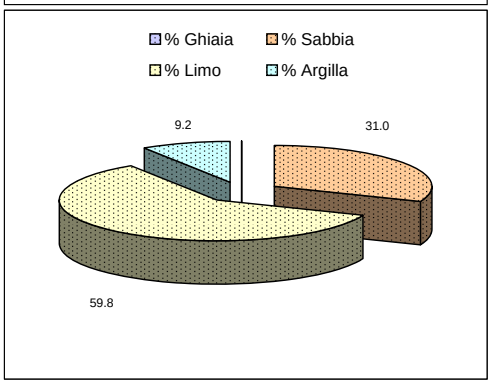
Frazione grossolana (> 63 µm) = 31.0	
% Ghiaia	% Sabbia
0.0	31.0

Frazione pelitica (< 63 µm) = 69.0	
% Limo	% Argilla
59.8	9.2

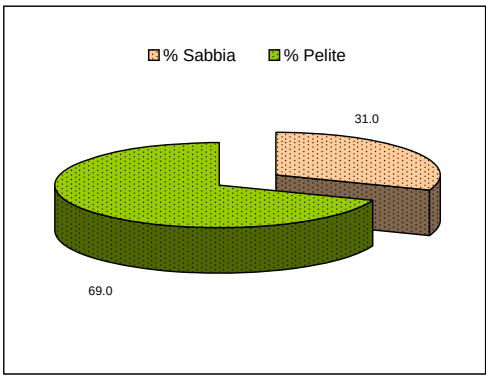
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.128
Deviazione Standard	1.879
Asimmetria (Skewness)	0.197
Appuntimento (Kurtosis)	1.061
Mediana (Φ)	4.922
Moda (Φ)	4.000

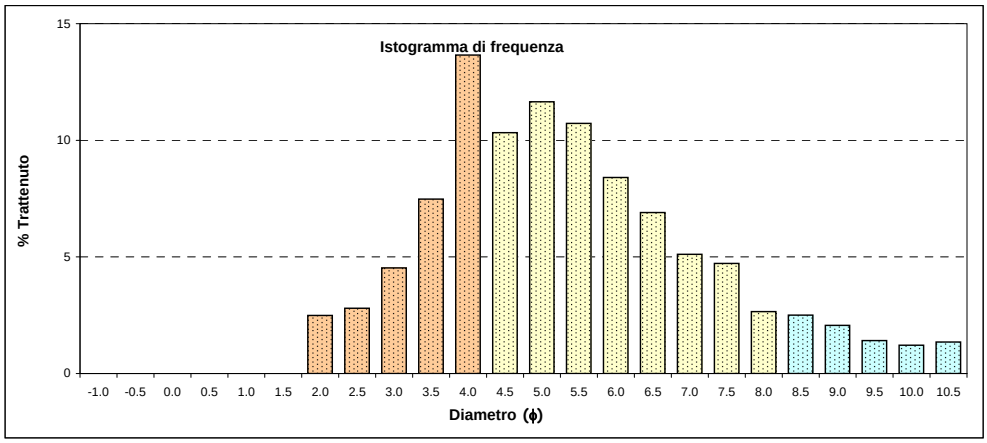
Percentili (Φ)	
5	2.439
16	3.411
25	3.789
50	4.922
75	6.260
84	7.050
95	8.838

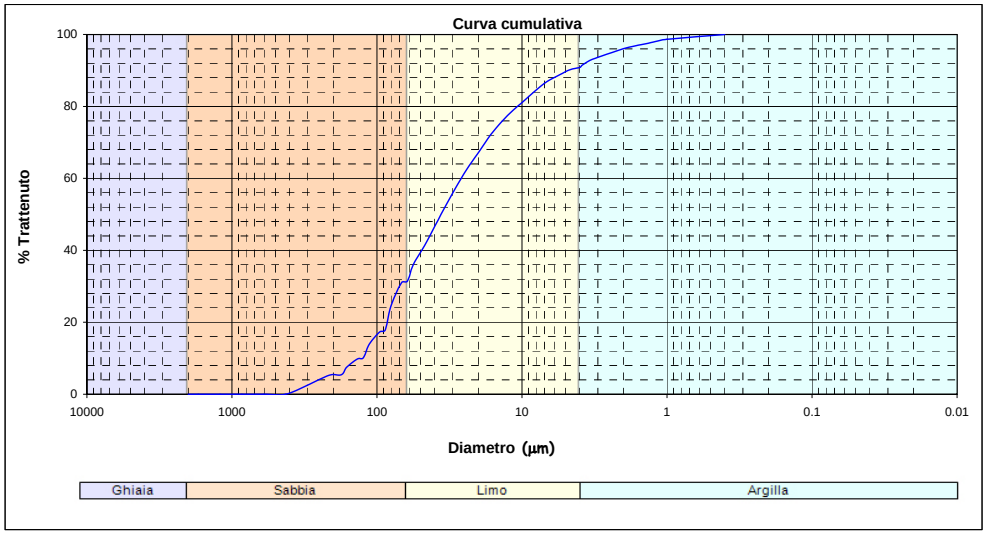
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.49%	2.49%
250	2		
250	2	2.80%	5.29%
176.78	2.5		
176.78	2.5	0.12%	5.41%
175	2.515		
175	2.515	2.19%	7.59%
147	2.766		
147	2.766	2.23%	9.82%
125	3		
125	3	0.32%	10.14%
123	3.023		
123	3.023	3.77%	13.90%
103	3.279		
103	3.279	3.40%	17.30%
88.39	3.5		
88.39	3.5	0.56%	17.87%
87	3.523		
87	3.523	6.75%	24.61%
73	3.776		
73	3.776	6.34%	30.96%
62.5	4		
62.5	4	0.47%	31.42%
61	4.035		
61	4.035	4.71%	36.13%
51	4.293		
51	4.293	5.15%	41.28%
43	4.54		
43	4.54	5.74%	47.02%
36	4.796		
36	4.796	5.91%	52.94%
30	5.059		
30	5.059	5.68%	58.61%
25	5.322		
25	5.322	5.05%	63.66%
21	5.573		
21	5.573	4.08%	67.74%
18	5.796		
18	5.796	4.32%	72.06%
15	6.059		
15	6.059	3.76%	75.83%
12.5	6.322		
12.5	6.322	3.14%	78.97%
10.5	6.573		
10.5	6.573	2.48%	81.45%
9	6.796		
9	6.796	2.63%	84.08%
7.5	7.059		
7.5	7.059	2.79%	86.87%
6	7.381		
6	7.381	1.94%	88.80%
5	7.644		
5	7.644	1.40%	90.21%
4.3	7.861		
4.3	7.861	0.63%	90.83%
4	7.966		
4	7.966	0.63%	91.46%
3.7	8.078		
3.7	8.078	1.32%	92.78%
3.1	8.334		
3.1	8.334	1.18%	93.96%
2.6	8.587		
2.6	8.587	1.00%	94.96%
2.2	8.828		
2.2	8.828	1.06%	96.02%
1.8	9.118		
1.8	9.118	0.84%	96.86%
1.5	9.381		
1.5	9.381	0.58%	97.44%
1.3	9.587		
1.3	9.587	0.60%	98.04%
1.1	9.828		
1.1	9.828	0.62%	98.65%
0.9	10.118		
< 0,900	> 10,118	1.35%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(175-200)
Peso totale (g)	30.8
Frazione > 63 μm (%)	35.2
Frazione < 63 μm (%)	64.8

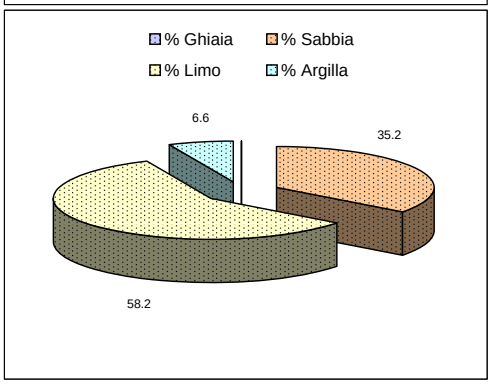
Frazione grossolana (> 63 μm) = 35.2	
% Ghiaia	% Sabbia
0.0	35.2

Frazione pelitica (< 63 μm) = 64.8	
% Limo	% Argilla
58.2	6.6

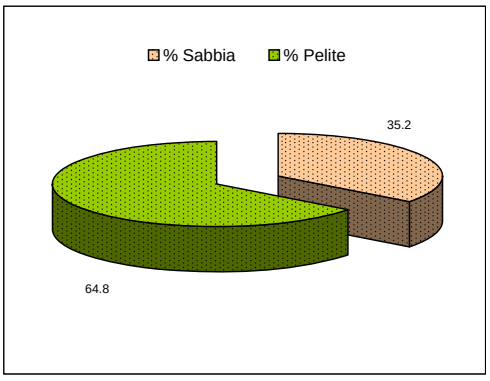
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.772
Deviazione Standard	1.847
Asimmetria (Skewness)	0.143
Appuntimento (Kurtosis)	1.326
Mediana (Φ)	4.591
Moda (Φ)	4.000

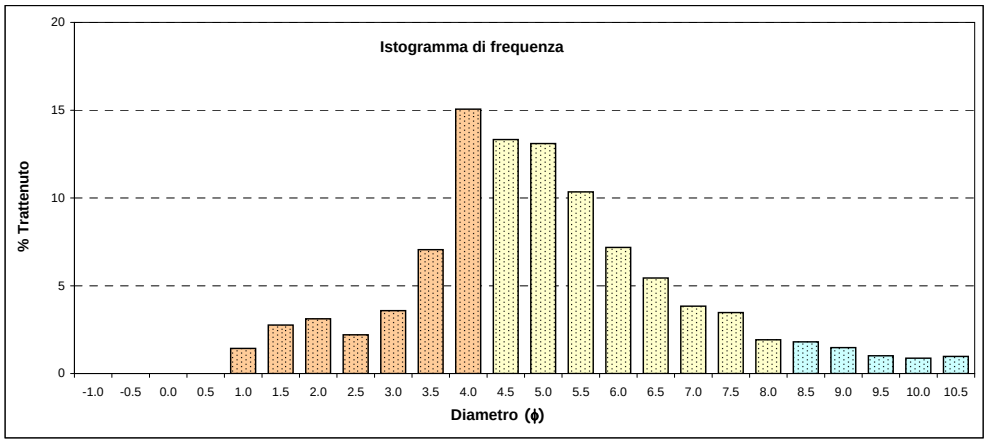
Percentili (Φ)	
5	1.614
16	3.219
25	3.666
50	4.591
75	5.758
84	6.505
95	8.384

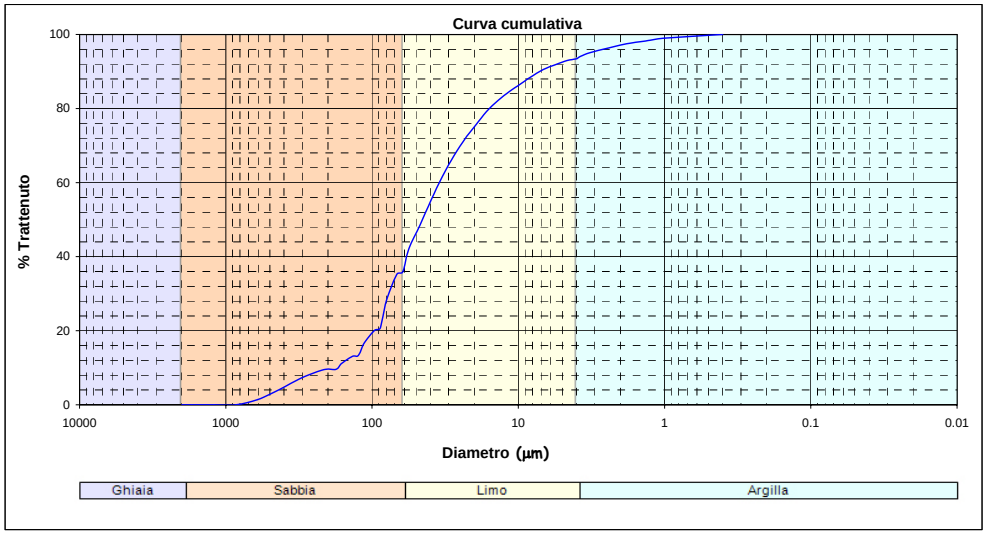
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.43%	1.43%
500	1		
500	1	2.76%	4.19%
353.55	1.5		
353.55	1.5	3.12%	7.31%
250	2		
250	2	2.21%	9.52%
176.78	2.5		
176.78	2.5	0.08%	9.60%
175	2.515		
175	2.515	1.61%	11.21%
147	2.766		
147	2.766	1.89%	13.10%
125	3		
125	3	0.26%	13.36%
123	3.023		
123	3.023	3.39%	16.75%
103	3.279		
103	3.279	3.42%	20.16%
88.39	3.5		
88.39	3.5	0.57%	20.73%
87	3.523		
87	3.523	7.29%	28.02%
73	3.776		
73	3.776	7.20%	35.22%
62.5	4		
62.5	4	0.64%	35.86%
61	4.035		
61	4.035	6.23%	42.09%
51	4.293		
51	4.293	6.46%	48.55%
43	4.54		
43	4.54	6.71%	55.26%
36	4.796		
36	4.796	6.39%	61.65%
30	5.059		
30	5.059	5.66%	67.31%
25	5.322		
25	5.322	4.68%	72.00%
21	5.573		
21	5.573	3.58%	75.57%
18	5.796		
18	5.796	3.61%	79.18%
15	6.059		
15	6.059	3.01%	82.19%
12.5	6.322		
12.5	6.322	2.43%	84.62%
10.5	6.573		
10.5	6.573	1.88%	86.50%
9	6.796		
9	6.796	1.96%	88.47%
7.5	7.059		
7.5	7.059	2.06%	90.52%
6	7.381		
6	7.381	1.42%	91.94%
5	7.644		
5	7.644	1.02%	92.96%
4.3	7.861		
4.3	7.861	0.45%	93.41%
4	7.966		
4	7.966	0.45%	93.86%
3.7	8.078		
3.7	8.078	0.96%	94.82%
3.1	8.334		
3.1	8.334	0.85%	95.66%
2.6	8.587		
2.6	8.587	0.72%	96.38%
2.2	8.828		
2.2	8.828	0.76%	97.14%
1.8	9.118		
1.8	9.118	0.60%	97.74%
1.5	9.381		
1.5	9.381	0.42%	98.16%
1.3	9.587		
1.3	9.587	0.43%	98.59%
1.1	9.828		
1.1	9.828	0.44%	99.03%
0.9	10.118		
< 0,900	> 10,118	0.97%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 7
Livello (cm)	(200-225)
Peso totale (g)	38.0
Frazione > 63 μm (%)	29.8
Frazione < 63 μm (%)	70.2

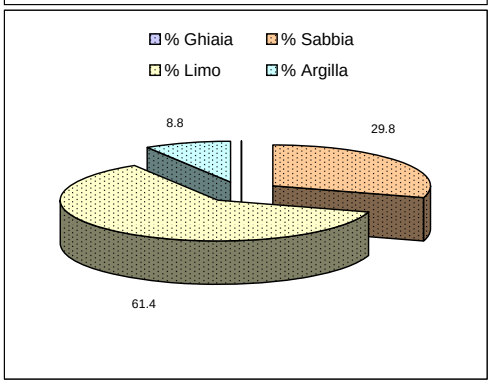
Frazione grossolana (> 63 μm) = 29.8	
% Ghiaia	% Sabbia
0.0	29.8

Frazione pelitica (< 63 μm) = 70.2	
% Limo	% Argilla
61.4	8.8

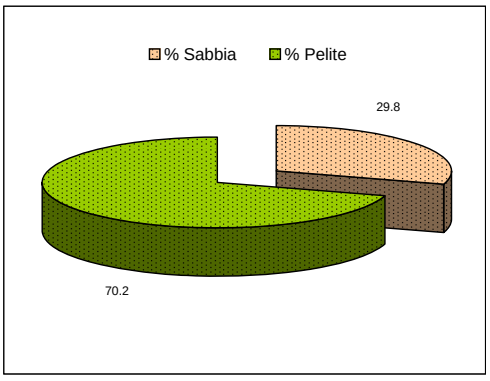
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.132
Deviazione Standard	1.789
Asimmetria (Skewness)	0.242
Appuntimento (Kurtosis)	1.052
Mediana (Φ)	4.899
Moda (Φ)	4.000

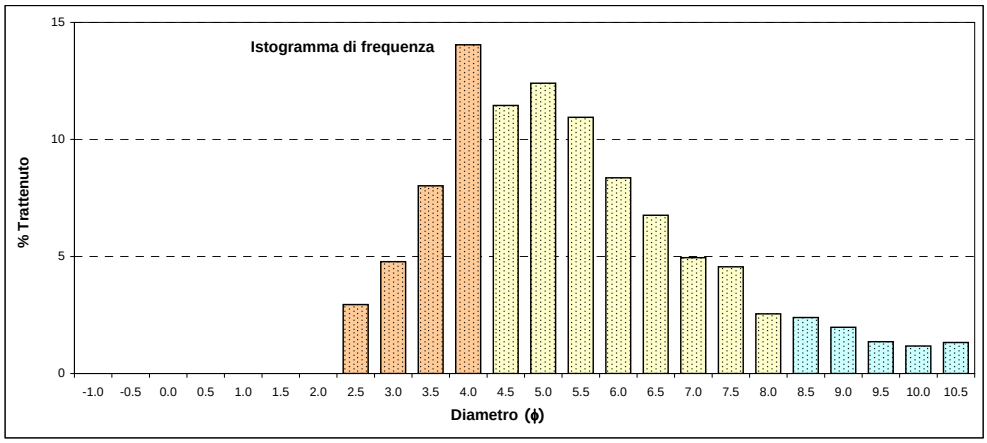
Percentili (Φ)	
5	2.726
16	3.510
25	3.834
50	4.899
75	6.199
84	6.987
95	8.797

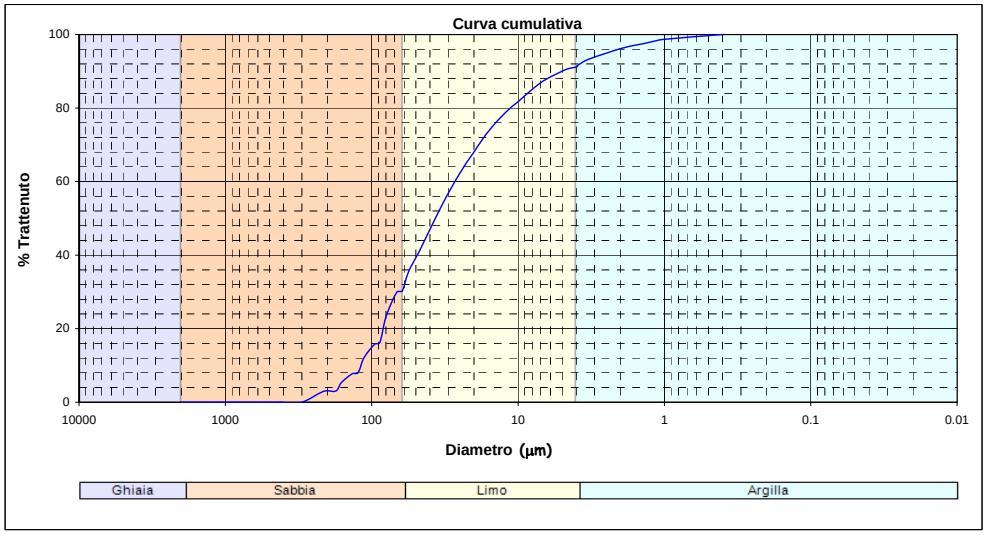
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.95%	2.95%
176.78	2.5		
176.78	2.5	0.12%	3.06%
175	2.515		
175	2.515	2.27%	5.34%
147	2.766		
147	2.766	2.39%	7.73%
125	3		
125	3	0.33%	8.06%
123	3.023		
123	3.023	4.02%	12.08%
103	3.279		
103	3.279	3.67%	15.75%
88.39	3.5		
88.39	3.5	0.56%	16.31%
87	3.523		
87	3.523	6.89%	23.20%
73	3.776		
73	3.776	6.59%	29.79%
62.5	4		
62.5	4	0.53%	30.32%
61	4.035		
61	4.035	5.26%	35.57%
51	4.293		
51	4.293	5.67%	41.24%
43	4.54		
43	4.54	6.18%	47.42%
36	4.796		
36	4.796	6.22%	53.64%
30	5.059		
30	5.059	5.84%	59.48%
25	5.322		
25	5.322	5.10%	64.58%
21	5.573		
21	5.573	4.08%	68.66%
18	5.796		
18	5.796	4.28%	72.94%
15	6.059		
15	6.059	3.70%	76.64%
12.5	6.322		
12.5	6.322	3.06%	79.70%
10.5	6.573		
10.5	6.573	2.40%	82.10%
9	6.796		
9	6.796	2.55%	84.65%
7.5	7.059		
7.5	7.059	2.69%	87.35%
6	7.381		
6	7.381	1.87%	89.21%
5	7.644		
5	7.644	1.35%	90.56%
4.3	7.861		
4.3	7.861	0.60%	91.16%
4	7.966		
4	7.966	0.60%	91.77%
3.7	8.078		
3.7	8.078	1.27%	93.03%
3.1	8.334		
3.1	8.334	1.13%	94.16%
2.6	8.587		
2.6	8.587	0.96%	95.12%
2.2	8.828		
2.2	8.828	1.02%	96.13%
1.8	9.118		
1.8	9.118	0.80%	96.94%
1.5	9.381		
1.5	9.381	0.56%	97.50%
1.3	9.587		
1.3	9.587	0.58%	98.08%
1.1	9.828		
1.1	9.828	0.60%	98.68%
0.9	10.118		
< 0,900	> 10,118	1.32%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 8
Livello (cm)	(0-25)
Peso totale (g)	23.2
Frazione > 63 μm (%)	28.2
Frazione < 63 μm (%)	71.8

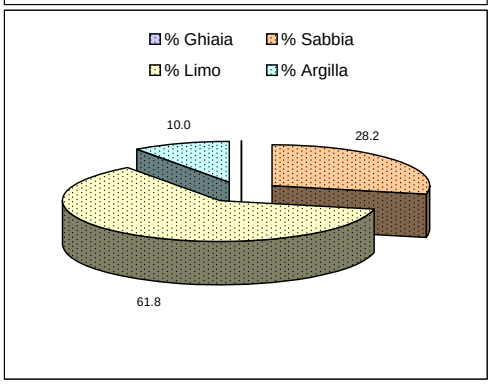
Frazione grossolana (> 63 μm) = 28.2	
% Ghiaia	% Sabbia
0.0	28.2

Frazione pelitica (< 63 μm) = 71.8	
% Limo	% Argilla
61.8	10.0

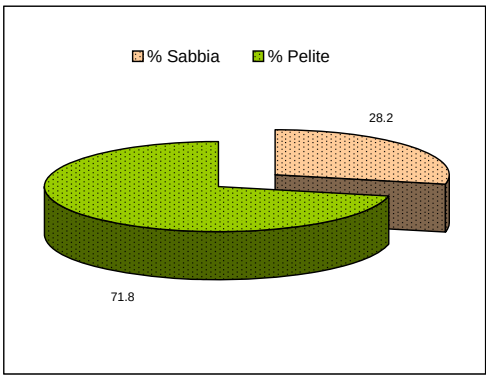
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.223
Deviazione Standard	1.967
Asimmetria (Skewness)	0.133
Appuntimento (Kurtosis)	1.072
Mediana (Φ)	5.083
Moda (Φ)	5.000

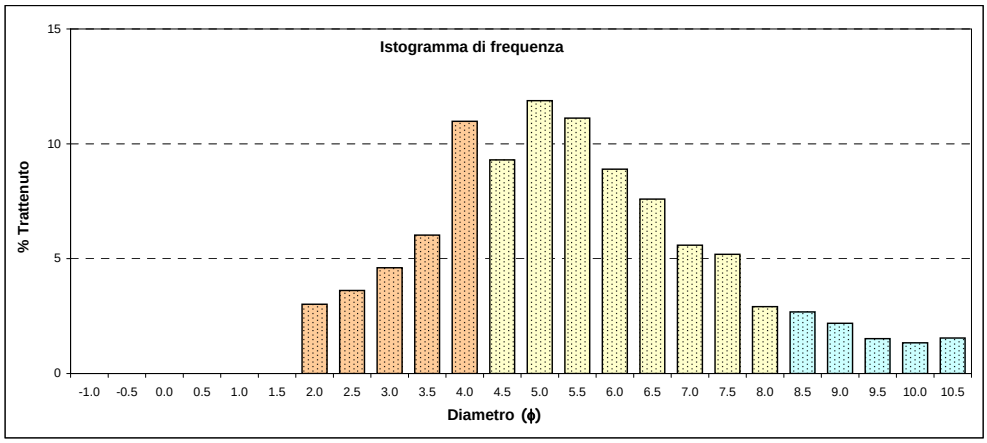
Percentili (Φ)	
5	2.253
16	3.391
25	3.858
50	5.083
75	6.421
84	7.195
95	8.958

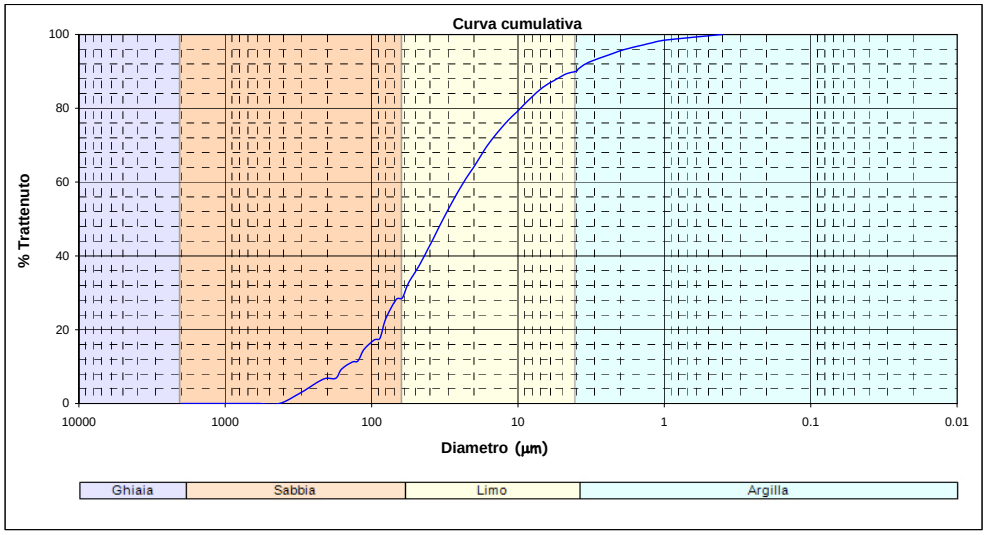
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.01%	3.01%
250	2		
250	2	3.62%	6.63%
176.78	2.5		
176.78	2.5	0.16%	6.79%
175	2.515		
175	2.515	2.49%	9.28%
147	2.766		
147	2.766	1.96%	11.24%
125	3		
125	3	0.30%	11.54%
123	3.023		
123	3.023	3.06%	14.60%
103	3.279		
103	3.279	2.67%	17.27%
88.39	3.5		
88.39	3.5	0.43%	17.69%
87	3.523		
87	3.523	5.28%	22.98%
73	3.776		
73	3.776	5.27%	28.24%
62.5	4		
62.5	4	0.34%	28.58%
61	4.035		
61	4.035	4.06%	32.64%
51	4.293		
51	4.293	4.91%	37.55%
43	4.54		
43	4.54	5.78%	43.33%
36	4.796		
36	4.796	6.10%	49.42%
30	5.059		
30	5.059	5.88%	55.30%
25	5.322		
25	5.322	5.24%	60.54%
21	5.573		
21	5.573	4.27%	64.82%
18	5.796		
18	5.796	4.62%	69.44%
15	6.059		
15	6.059	4.12%	73.56%
12.5	6.322		
12.5	6.322	3.47%	77.03%
10.5	6.573		
10.5	6.573	2.72%	79.75%
9	6.796		
9	6.796	2.87%	82.62%
7.5	7.059		
7.5	7.059	3.06%	85.68%
6	7.381		
6	7.381	2.14%	87.82%
5	7.644		
5	7.644	1.54%	89.36%
4.3	7.861		
4.3	7.861	0.68%	90.04%
4	7.966		
4	7.966	0.68%	90.73%
3.7	8.078		
3.7	8.078	1.43%	92.16%
3.1	8.334		
3.1	8.334	1.25%	93.41%
2.6	8.587		
2.6	8.587	1.06%	94.47%
2.2	8.828		
2.2	8.828	1.13%	95.60%
1.8	9.118		
1.8	9.118	0.90%	96.49%
1.5	9.381		
1.5	9.381	0.63%	97.12%
1.3	9.587		
1.3	9.587	0.65%	97.77%
1.1	9.828		
1.1	9.828	0.69%	98.46%
0.9	10.118		
< 0,900	> 10,118	1.54%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 8
Livello (cm)	(25-50)
Peso totale (g)	23.1
Frazione > 63 μm (%)	26.7
Frazione < 63 μm (%)	73.3

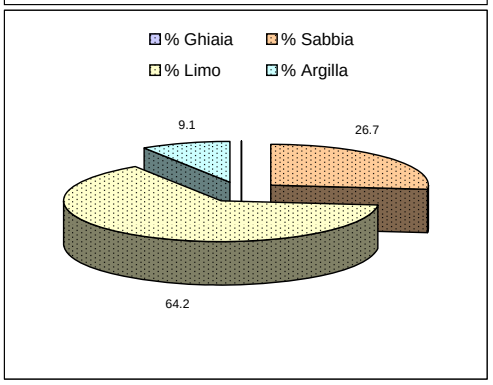
Frazione grossolana (> 63 μm) = 26.7	
% Ghiaia	% Sabbia
0.0	26.7

Frazione pelitica (< 63 μm) = 73.3	
% Limo	% Argilla
64.2	9.1

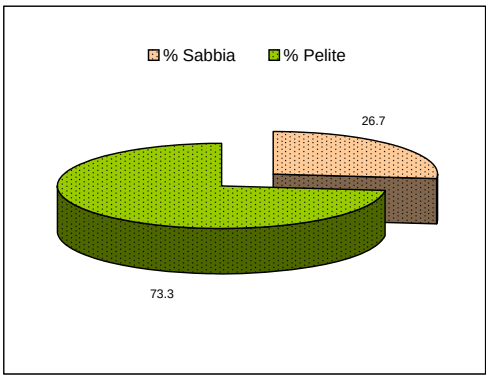
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.200
Deviazione Standard	1.820
Asimmetria (Skewness)	0.203
Appuntimento (Kurtosis)	1.099
Mediana (Φ)	5.000
Moda (Φ)	5.000

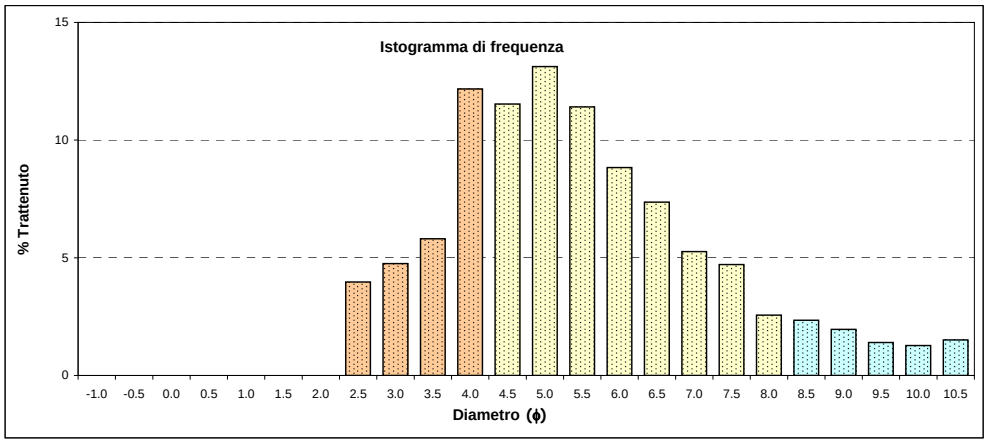
Percentili (Φ)	
5	2.594
16	3.565
25	3.933
50	5.000
75	6.277
84	7.034
95	8.881

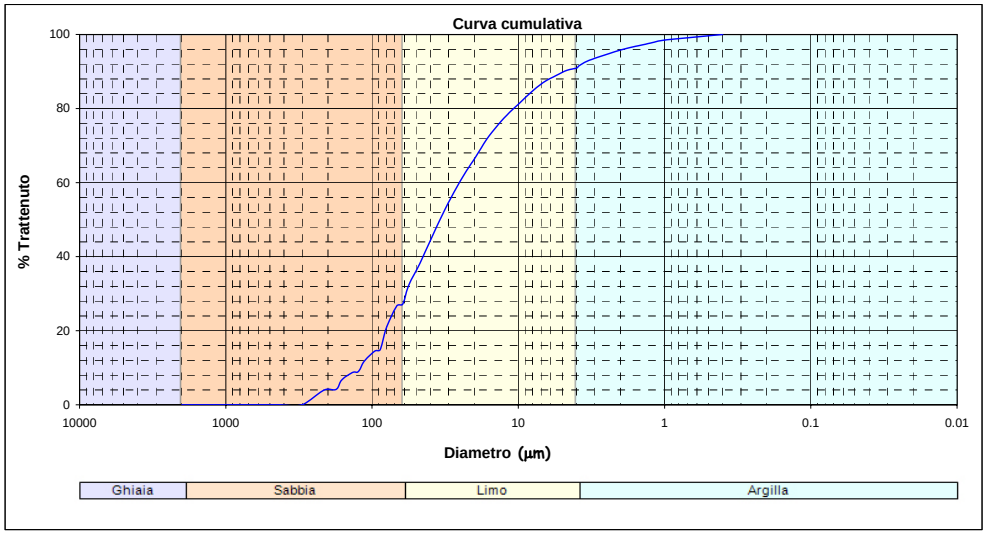
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.97%	3.97%
176.78	2.5		
176.78	2.5	0.16%	4.14%
175	2.515		
175	2.515	2.57%	6.71%
147	2.766		
147	2.766	2.02%	8.73%
125	3		
125	3	0.27%	9.00%
123	3.023		
123	3.023	2.82%	11.82%
103	3.279		
103	3.279	2.72%	14.53%
88.39	3.5		
88.39	3.5	0.43%	14.96%
87	3.523		
87	3.523	5.74%	20.71%
73	3.776		
73	3.776	5.99%	26.70%
62.5	4		
62.5	4	0.46%	27.17%
61	4.035		
61	4.035	5.18%	32.35%
51	4.293		
51	4.293	5.89%	38.24%
43	4.54		
43	4.54	6.55%	44.79%
36	4.796		
36	4.796	6.57%	51.36%
30	5.059		
30	5.059	6.10%	57.46%
25	5.322		
25	5.322	5.31%	62.77%
21	5.573		
21	5.573	4.27%	67.04%
18	5.796		
18	5.796	4.57%	71.60%
15	6.059		
15	6.059	4.02%	75.63%
12.5	6.322		
12.5	6.322	3.34%	78.97%
10.5	6.573		
10.5	6.573	2.58%	81.55%
9	6.796		
9	6.796	2.68%	84.24%
7.5	7.059		
7.5	7.059	2.80%	87.03%
6	7.381		
6	7.381	1.92%	88.95%
5	7.644		
5	7.644	1.37%	90.31%
4.3	7.861		
4.3	7.861	0.60%	90.91%
4	7.966		
4	7.966	0.60%	91.51%
3.7	8.078		
3.7	8.078	1.25%	92.76%
3.1	8.334		
3.1	8.334	1.10%	93.86%
2.6	8.587		
2.6	8.587	0.94%	94.80%
2.2	8.828		
2.2	8.828	1.02%	95.82%
1.8	9.118		
1.8	9.118	0.82%	96.64%
1.5	9.381		
1.5	9.381	0.58%	97.22%
1.3	9.587		
1.3	9.587	0.62%	97.83%
1.1	9.828		
1.1	9.828	0.66%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 8
Livello (cm)	(50-75)
Peso totale (g)	36.2
Frazione > 63 μm (%)	40.3
Frazione < 63 μm (%)	59.7

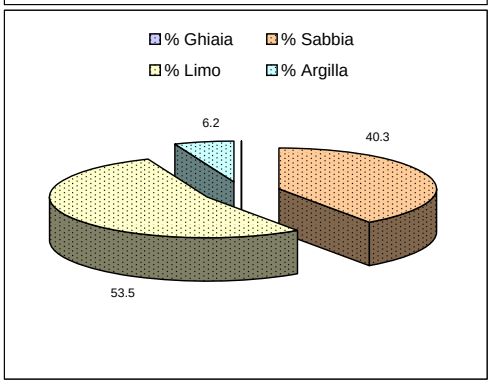
Frazione grossolana (> 63 μm) = 40.3	
% Ghiaia	% Sabbia
0.0	40.3

Frazione pelitica (< 63 μm) = 59.7	
% Limo	% Argilla
53.5	6.2

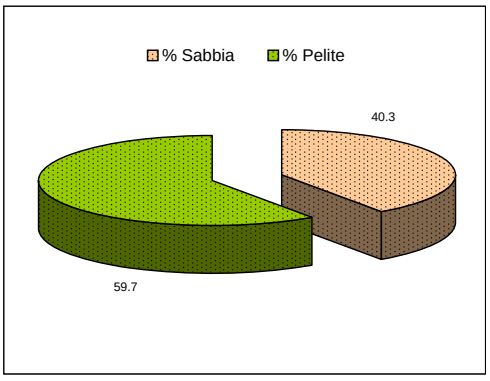
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.579
Deviazione Standard	1.957
Asimmetria (Skewness)	0.064
Appuntimento (Kurtosis)	1.131
Mediana (Φ)	4.566
Moda (Φ)	4.000

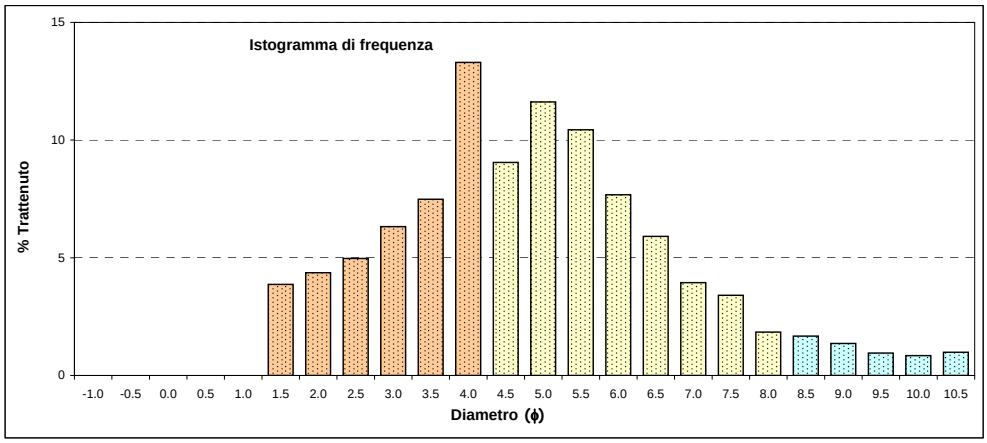
Percentili (Φ)	
5	1.614
16	2.700
25	3.358
50	4.566
75	5.783
84	6.472
95	8.308

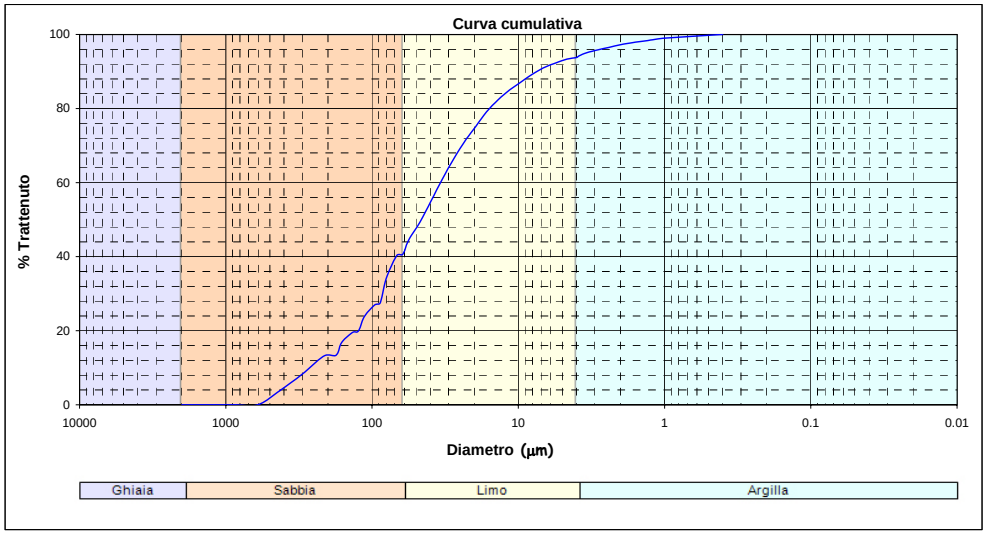
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.87%	3.87%
353.55	1.5		
353.55	1.5	4.36%	8.23%
250	2		
250	2	4.97%	13.20%
176.78	2.5		
176.78	2.5	0.22%	13.42%
175	2.515		
175	2.515	3.42%	16.84%
147	2.766		
147	2.766	2.69%	19.52%
125	3		
125	3	0.39%	19.91%
123	3.023		
123	3.023	3.88%	23.79%
103	3.279		
103	3.279	3.22%	27.01%
88.39	3.5		
88.39	3.5	0.56%	27.57%
87	3.523		
87	3.523	6.55%	34.12%
73	3.776		
73	3.776	6.19%	40.31%
62.5	4		
62.5	4	0.32%	40.63%
61	4.035		
61	4.035	3.92%	44.56%
51	4.293		
51	4.293	4.81%	49.36%
43	4.54		
43	4.54	5.68%	55.04%
36	4.796		
36	4.796	5.94%	60.98%
30	5.059		
30	5.059	5.61%	66.59%
25	5.322		
25	5.322	4.83%	71.42%
21	5.573		
21	5.573	3.78%	75.20%
18	5.796		
18	5.796	3.89%	79.10%
15	6.059		
15	6.059	3.29%	82.38%
12.5	6.322		
12.5	6.322	2.62%	85.01%
10.5	6.573		
10.5	6.573	1.96%	86.97%
9	6.796		
9	6.796	1.98%	88.95%
7.5	7.059		
7.5	7.059	2.03%	90.97%
6	7.381		
6	7.381	1.38%	92.35%
5	7.644		
5	7.644	0.98%	93.33%
4.3	7.861		
4.3	7.861	0.43%	93.76%
4	7.966		
4	7.966	0.43%	94.19%
3.7	8.078		
3.7	8.078	0.89%	95.08%
3.1	8.334		
3.1	8.334	0.78%	95.86%
2.6	8.587		
2.6	8.587	0.66%	96.52%
2.2	8.828		
2.2	8.828	0.70%	97.22%
1.8	9.118		
1.8	9.118	0.56%	97.78%
1.5	9.381		
1.5	9.381	0.39%	98.17%
1.3	9.587		
1.3	9.587	0.41%	98.58%
1.1	9.828		
1.1	9.828	0.43%	99.02%
0.9	10.118		
< 0,900	> 10,118	0.98%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 8
Livello (cm)	(75-100)
Peso totale (g)	41.5
Frazione > 63 μm (%)	40.5
Frazione < 63 μm (%)	59.5

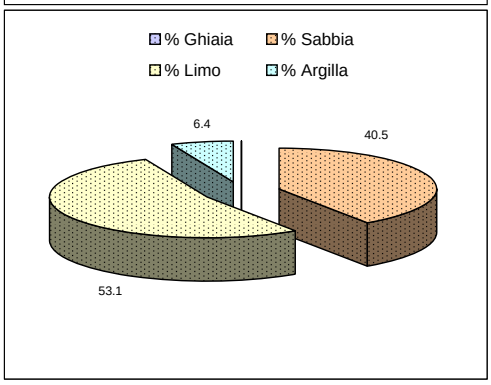
Frazione grossolana (> 63 μm) = 40.5	
% Ghiaia	% Sabbia
0.0	40.5

Frazione pelitica (< 63 μm) = 59.5	
% Limo	% Argilla
53.1	6.4

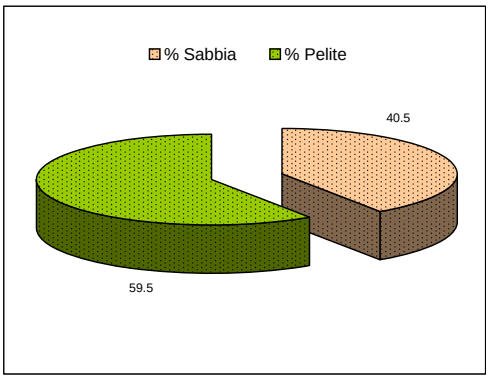
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.548
Deviazione Standard	1.990
Asimmetria (Skewness)	0.059
Appuntimento (Kurtosis)	1.123
Mediana (Φ)	4.551
Moda (Φ)	4.000

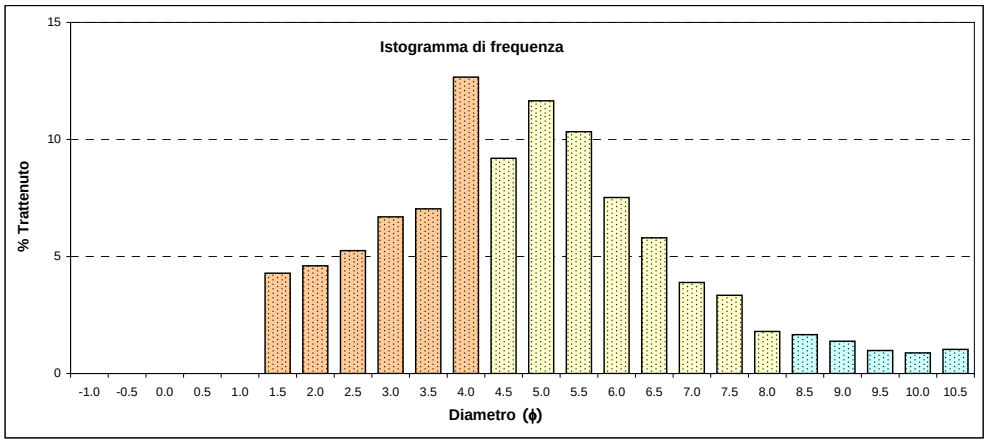
Percentili (Φ)	
5	1.567
16	2.623
25	3.292
50	4.551
75	5.770
84	6.469
95	8.354

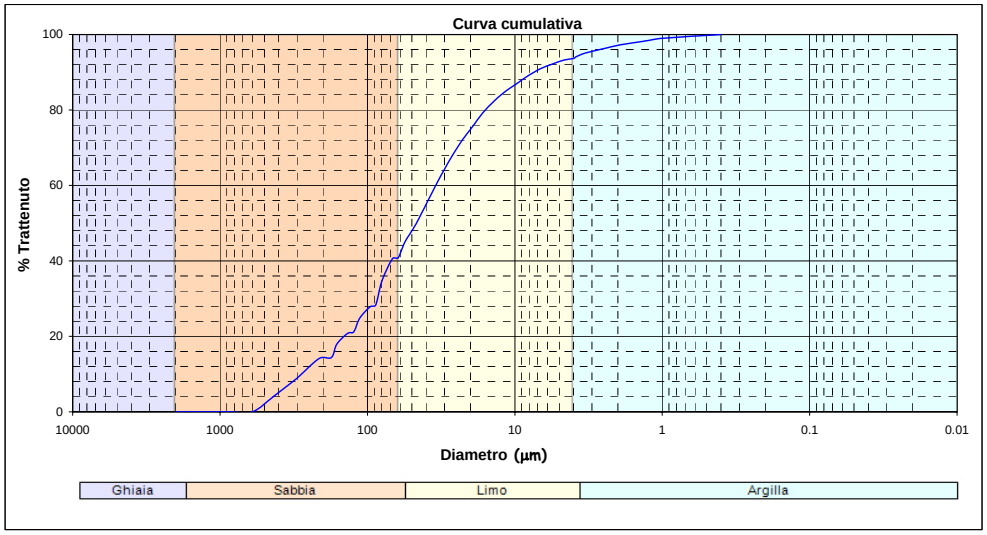
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	4.29%	4.29%
353.55	1.5		
353.55	1.5	4.60%	8.88%
250	2		
250	2	5.25%	14.13%
176.78	2.5		
176.78	2.5	0.23%	14.36%
175	2.515		
175	2.515	3.62%	17.98%
147	2.766		
147	2.766	2.84%	20.82%
125	3		
125	3	0.36%	21.19%
123	3.023		
123	3.023	3.63%	24.81%
103	3.279		
103	3.279	3.05%	27.86%
88.39	3.5		
88.39	3.5	0.52%	28.38%
87	3.523		
87	3.523	6.19%	34.57%
73	3.776		
73	3.776	5.95%	40.52%
62.5	4		
62.5	4	0.33%	40.85%
61	4.035		
61	4.035	4.00%	44.85%
51	4.293		
51	4.293	4.86%	49.72%
43	4.54		
43	4.54	5.71%	55.42%
36	4.796		
36	4.796	5.94%	61.36%
30	5.059		
30	5.059	5.57%	66.93%
25	5.322		
25	5.322	4.77%	71.70%
21	5.573		
21	5.573	3.71%	75.41%
18	5.796		
18	5.796	3.81%	79.21%
15	6.059		
15	6.059	3.22%	82.43%
12.5	6.322		
12.5	6.322	2.58%	85.01%
10.5	6.573		
10.5	6.573	1.94%	86.95%
9	6.796		
9	6.796	1.96%	88.91%
7.5	7.059		
7.5	7.059	2.00%	90.90%
6	7.381		
6	7.381	1.35%	92.25%
5	7.644		
5	7.644	0.96%	93.21%
4.3	7.861		
4.3	7.861	0.42%	93.63%
4	7.966		
4	7.966	0.42%	94.05%
3.7	8.078		
3.7	8.078	0.88%	94.93%
3.1	8.334		
3.1	8.334	0.78%	95.71%
2.6	8.587		
2.6	8.587	0.67%	96.38%
2.2	8.828		
2.2	8.828	0.72%	97.10%
1.8	9.118		
1.8	9.118	0.58%	97.67%
1.5	9.381		
1.5	9.381	0.41%	98.08%
1.3	9.587		
1.3	9.587	0.43%	98.51%
1.1	9.828		
1.1	9.828	0.45%	98.96%
0.9	10.118		
< 0,900	> 10,118	1.04%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 9
Livello (cm)	(0-25)
Peso totale (g)	21.7
Frazione > 63 μm (%)	42.5
Frazione < 63 μm (%)	57.5

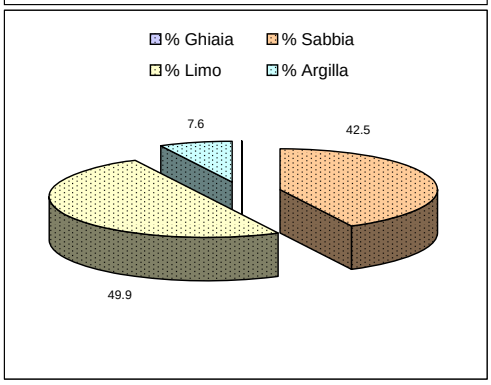
Frazione grossolana (> 63 μm) = 42.5	
% Ghiaia	% Sabbia
0.0	42.5

Frazione pelitica (< 63 μm) = 57.5	
% Limo	% Argilla
49.9	7.6

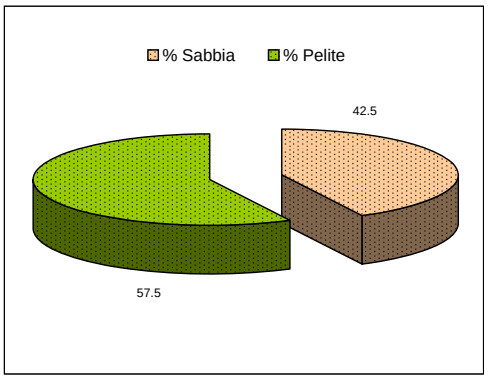
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.497
Deviazione Standard	2.158
Asimmetria (Skewness)	0.096
Appuntimento (Kurtosis)	1.035
Mediana (Φ)	4.459
Moda (Φ)	4.000

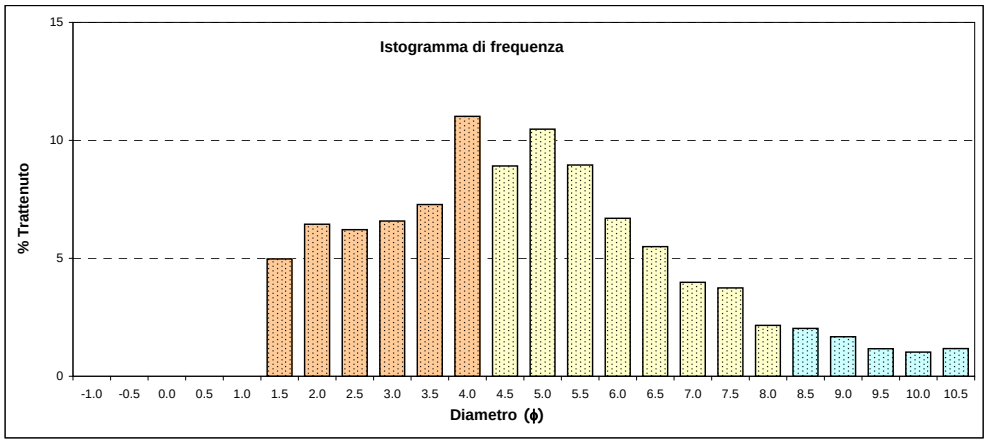
Percentili (Φ)	
5	1.502
16	2.352
25	3.050
50	4.459
75	5.860
84	6.680
95	8.600

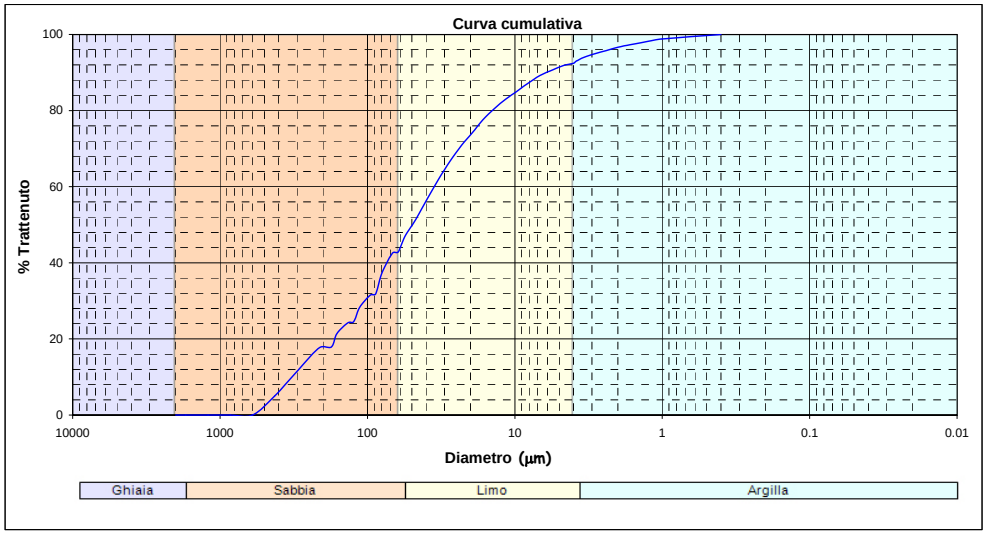
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	4.97%	4.97%
353.55	1.5		
353.55	1.5	6.44%	11.41%
250	2		
250	2	6.21%	17.63%
176.78	2.5		
176.78	2.5	0.23%	17.85%
175	2.515		
175	2.515	3.56%	21.41%
147	2.766		
147	2.766	2.80%	24.21%
125	3		
125	3	0.37%	24.58%
123	3.023		
123	3.023	3.73%	28.31%
103	3.279		
103	3.279	3.18%	31.48%
88.39	3.5		
88.39	3.5	0.43%	31.91%
87	3.523		
87	3.523	5.31%	37.22%
73	3.776		
73	3.776	5.28%	42.51%
62.5	4		
62.5	4	0.34%	42.85%
61	4.035		
61	4.035	3.95%	46.80%
51	4.293		
51	4.293	4.62%	51.42%
43	4.54		
43	4.54	5.22%	56.64%
36	4.796		
36	4.796	5.25%	61.89%
30	5.059		
30	5.059	4.83%	66.72%
25	5.322		
25	5.322	4.13%	70.85%
21	5.573		
21	5.573	3.26%	74.11%
18	5.796		
18	5.796	3.44%	77.54%
15	6.059		
15	6.059	3.00%	80.55%
12.5	6.322		
12.5	6.322	2.49%	83.04%
10.5	6.573		
10.5	6.573	1.94%	84.97%
9	6.796		
9	6.796	2.05%	87.02%
7.5	7.059		
7.5	7.059	2.20%	89.22%
6	7.381		
6	7.381	1.55%	90.77%
5	7.644		
5	7.644	1.14%	91.90%
4.3	7.861		
4.3	7.861	0.51%	92.41%
4	7.966		
4	7.966	0.51%	92.92%
3.7	8.078		
3.7	8.078	1.08%	94.00%
3.1	8.334		
3.1	8.334	0.95%	94.95%
2.6	8.587		
2.6	8.587	0.81%	95.76%
2.2	8.828		
2.2	8.828	0.87%	96.63%
1.8	9.118		
1.8	9.118	0.69%	97.32%
1.5	9.381		
1.5	9.381	0.48%	97.80%
1.3	9.587		
1.3	9.587	0.50%	98.30%
1.1	9.828		
1.1	9.828	0.52%	98.83%
0.9	10.118		
< 0,900	> 10,118	1.17%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 9
Livello (cm)	(25-50)
Peso totale (g)	16.3
Frazione > 63 μm (%)	29.4
Frazione < 63 μm (%)	70.6

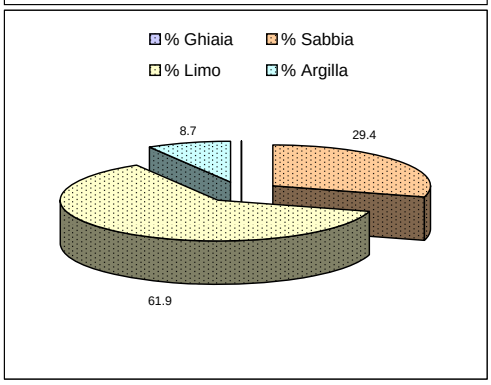
Frazione grossolana (> 63 μm) = 29.4	
% Ghiaia	% Sabbia
0.0	29.4

Frazione pelitica (< 63 μm) = 70.6	
% Limo	% Argilla
61.9	8.7

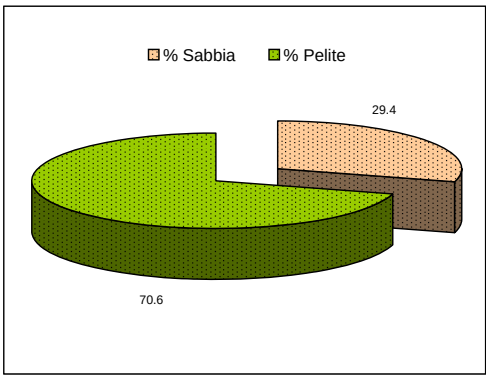
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.117
Deviazione Standard	1.798
Asimmetria (Skewness)	0.245
Appuntimento (Kurtosis)	1.089
Mediana (Φ)	4.866
Moda (Φ)	4.000

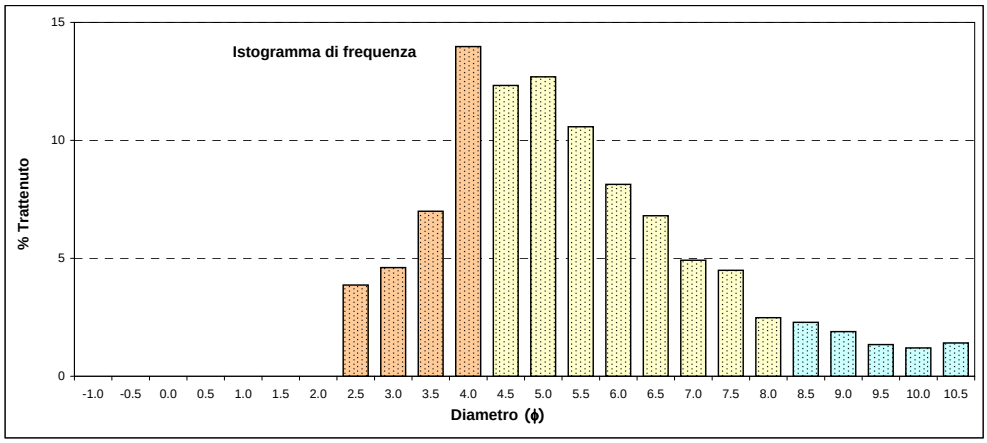
Percentili (Φ)	
5	2.608
16	3.524
25	3.850
50	4.866
75	6.182
84	6.960
95	8.808

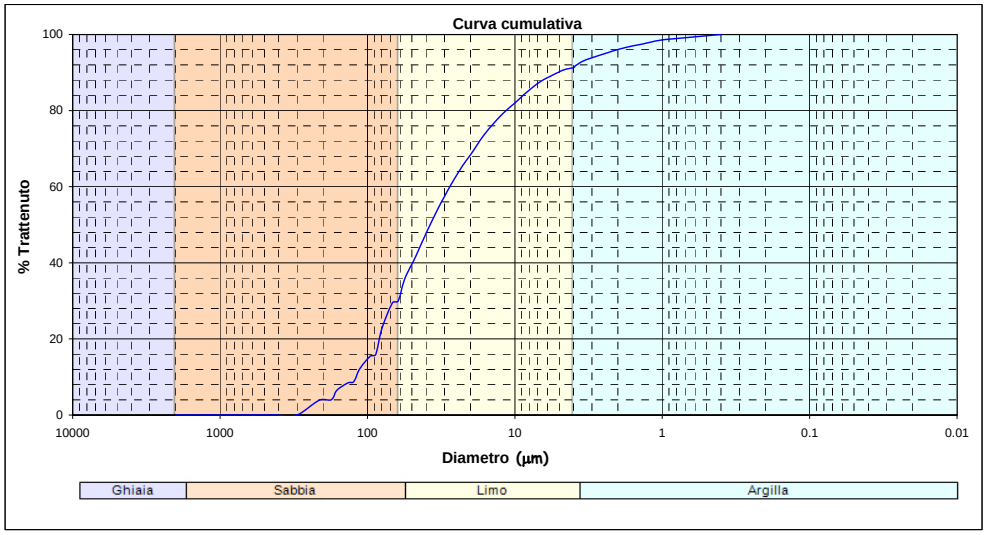
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.87%	3.87%
176.78	2.5		
176.78	2.5	0.16%	4.03%
175	2.515		
175	2.515	2.49%	6.52%
147	2.766		
147	2.766	1.96%	8.47%
125	3		
125	3	0.30%	8.77%
123	3.023		
123	3.023	3.34%	12.11%
103	3.279		
103	3.279	3.36%	15.47%
88.39	3.5		
88.39	3.5	0.50%	15.97%
87	3.523		
87	3.523	6.68%	22.64%
73	3.776		
73	3.776	6.80%	29.44%
62.5	4		
62.5	4	0.55%	30.00%
61	4.035		
61	4.035	5.69%	35.69%
51	4.293		
51	4.293	6.08%	41.77%
43	4.54		
43	4.54	6.44%	48.22%
36	4.796		
36	4.796	6.25%	54.46%
30	5.059		
30	5.059	5.68%	60.14%
25	5.322		
25	5.322	4.89%	65.04%
21	5.573		
21	5.573	3.93%	68.97%
18	5.796		
18	5.796	4.21%	73.17%
15	6.059		
15	6.059	3.71%	76.88%
12.5	6.322		
12.5	6.322	3.09%	79.98%
10.5	6.573		
10.5	6.573	2.40%	82.38%
9	6.796		
9	6.796	2.52%	84.89%
7.5	7.059		
7.5	7.059	2.65%	87.55%
6	7.381		
6	7.381	1.84%	89.39%
5	7.644		
5	7.644	1.32%	90.71%
4.3	7.861		
4.3	7.861	0.58%	91.29%
4	7.966		
4	7.966	0.58%	91.87%
3.7	8.078		
3.7	8.078	1.21%	93.09%
3.1	8.334		
3.1	8.334	1.07%	94.16%
2.6	8.587		
2.6	8.587	0.91%	95.07%
2.2	8.828		
2.2	8.828	0.98%	96.05%
1.8	9.118		
1.8	9.118	0.79%	96.84%
1.5	9.381		
1.5	9.381	0.55%	97.39%
1.3	9.587		
1.3	9.587	0.58%	97.97%
1.1	9.828		
1.1	9.828	0.62%	98.59%
0.9	10.118		
< 0,900	> 10,118	1.41%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 9
Livello (cm)	(50-75)
Peso totale (g)	21.4
Frazione > 63 μm (%)	24.1
Frazione < 63 μm (%)	75.9

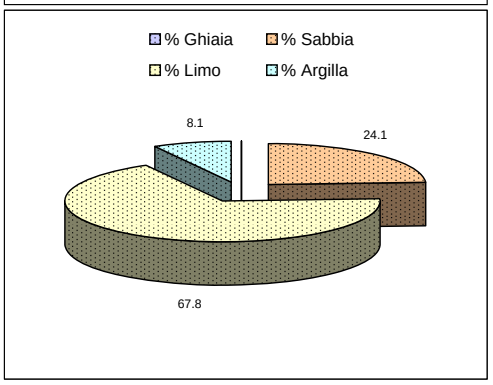
Frazione grossolana (> 63 μm) = 24.1	
% Ghiaia	% Sabbia
0.0	24.1

Frazione pelitica (< 63 μm) = 75.9	
% Limo	% Argilla
67.8	8.1

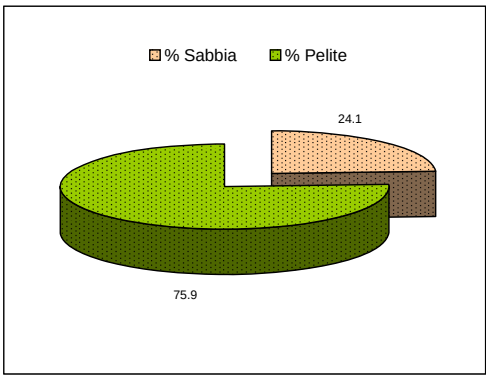
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.190
Deviazione Standard	1.672
Asimmetria (Skewness)	0.229
Appuntimento (Kurtosis)	1.140
Mediana (Φ)	4.996
Moda (Φ)	5.000

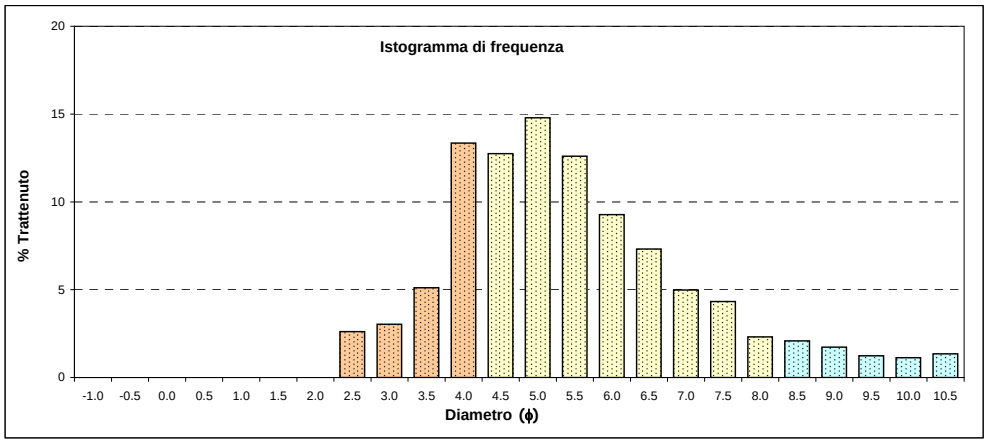
Percentili (Φ)	
5	2.878
16	3.710
25	4.052
50	4.996
75	6.150
84	6.864
95	8.712

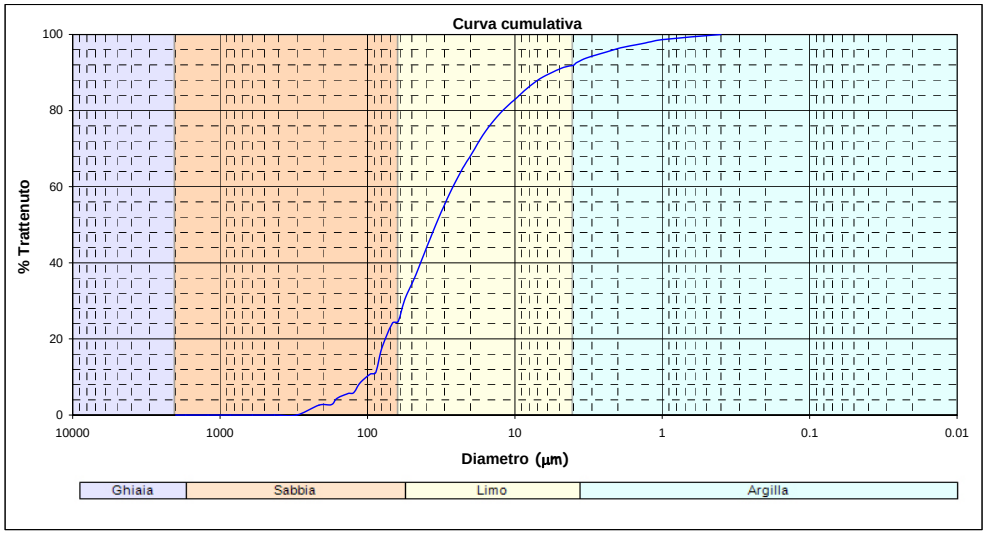
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.61%	2.61%
176.78	2.5		
176.78	2.5	0.10%	2.72%
175	2.515		
175	2.515	1.64%	4.36%
147	2.766		
147	2.766	1.29%	5.65%
125	3		
125	3	0.24%	5.88%
123	3.023		
123	3.023	2.43%	8.31%
103	3.279		
103	3.279	2.44%	10.76%
88.39	3.5		
88.39	3.5	0.48%	11.23%
87	3.523		
87	3.523	6.29%	17.53%
73	3.776		
73	3.776	6.58%	24.10%
62.5	4		
62.5	4	0.50%	24.60%
61	4.035		
61	4.035	5.68%	30.28%
51	4.293		
51	4.293	6.57%	36.85%
43	4.54		
43	4.54	7.38%	44.23%
36	4.796		
36	4.796	7.41%	51.64%
30	5.059		
30	5.059	6.81%	58.44%
25	5.322		
25	5.322	5.80%	64.24%
21	5.573		
21	5.573	4.55%	68.79%
18	5.796		
18	5.796	4.73%	73.52%
15	6.059		
15	6.059	4.04%	77.57%
12.5	6.322		
12.5	6.322	3.27%	80.84%
10.5	6.573		
10.5	6.573	2.47%	83.31%
9	6.796		
9	6.796	2.52%	85.82%
7.5	7.059		
7.5	7.059	2.58%	88.40%
6	7.381		
6	7.381	1.75%	90.15%
5	7.644		
5	7.644	1.24%	91.38%
4.3	7.861		
4.3	7.861	0.54%	91.92%
4	7.966		
4	7.966	0.54%	92.46%
3.7	8.078		
3.7	8.078	1.11%	93.57%
3.1	8.334		
3.1	8.334	0.98%	94.55%
2.6	8.587		
2.6	8.587	0.83%	95.38%
2.2	8.828		
2.2	8.828	0.90%	96.28%
1.8	9.118		
1.8	9.118	0.73%	97.01%
1.5	9.381		
1.5	9.381	0.51%	97.52%
1.3	9.587		
1.3	9.587	0.55%	98.07%
1.1	9.828		
1.1	9.828	0.58%	98.65%
0.9	10.118		
< 0,900	> 10,118	1.35%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 9
Livello (cm)	(75-100)
Peso totale (g)	47.0
Frazione > 63 μm (%)	34.2
Frazione < 63 μm (%)	65.8

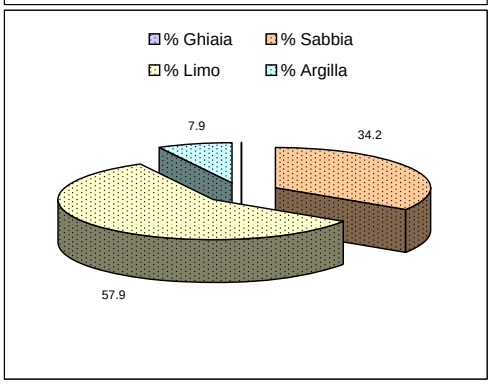
Frazione grossolana (> 63 μm) = 34.2	
% Ghiaia	% Sabbia
0.0	34.2

Frazione pelitica (< 63 μm) = 65.8	
% Limo	% Argilla
57.9	7.9

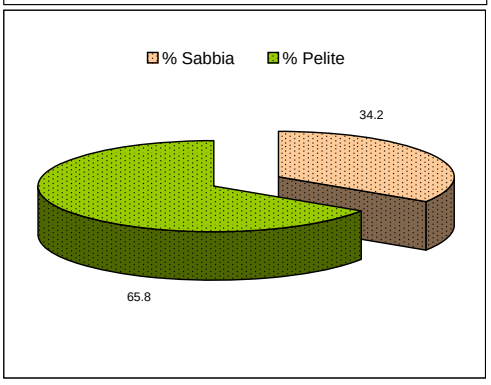
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.891
Deviazione Standard	1.986
Asimmetria (Skewness)	0.074
Appuntimento (Kurtosis)	1.123
Mediana (Φ)	4.856
Moda (Φ)	5.000

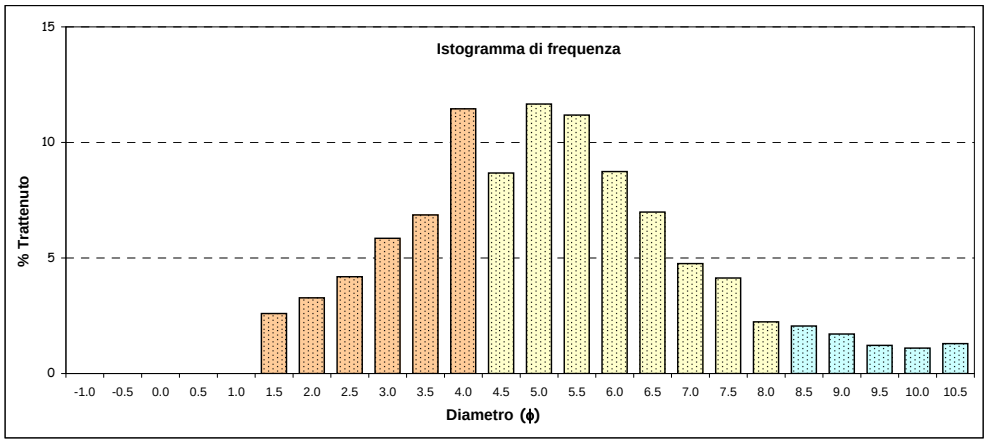
Percentili (Φ)	
5	1.849
16	3.006
25	3.598
50	4.856
75	6.090
84	6.811
95	8.679

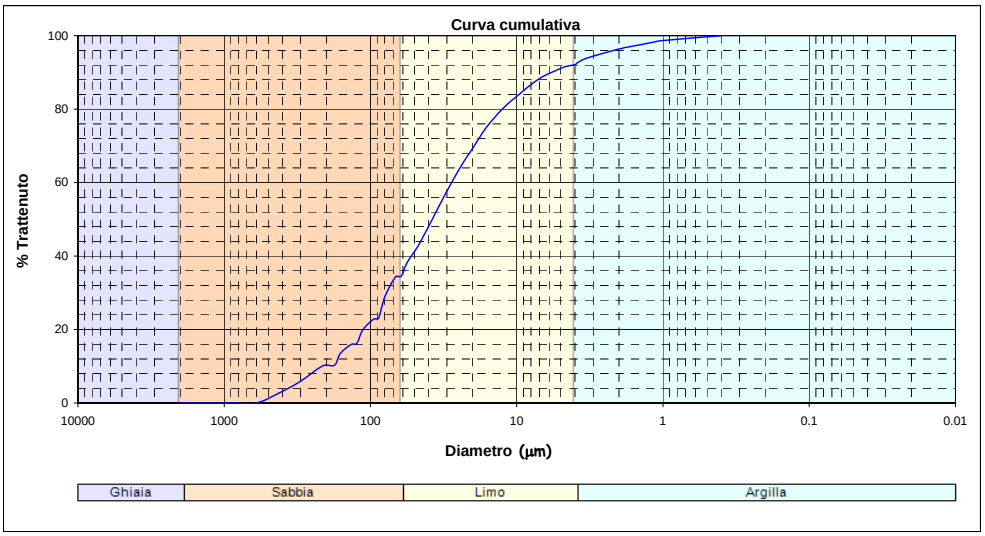
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	2.60%	2.60%
353.55	1.5		
353.55	1.5	3.28%	5.87%
250	2		
250	2	4.19%	10.06%
176.78	2.5		
176.78	2.5	0.20%	10.26%
175	2.515		
175	2.515	3.16%	13.43%
147	2.766		
147	2.766	2.49%	15.91%
125	3		
125	3	0.36%	16.27%
123	3.023		
123	3.023	3.58%	19.85%
103	3.279		
103	3.279	2.93%	22.78%
88.39	3.5		
88.39	3.5	0.47%	23.24%
87	3.523		
87	3.523	5.58%	28.82%
73	3.776		
73	3.776	5.41%	34.23%
62.5	4		
62.5	4	0.30%	34.53%
61	4.035		
61	4.035	3.73%	38.26%
51	4.293		
51	4.293	4.65%	42.91%
43	4.54		
43	4.54	5.61%	48.52%
36	4.796		
36	4.796	6.05%	54.57%
30	5.059		
30	5.059	5.91%	60.48%
25	5.322		
25	5.322	5.28%	65.76%
21	5.573		
21	5.573	4.25%	70.01%
18	5.796		
18	5.796	4.49%	74.50%
15	6.059		
15	6.059	3.86%	78.36%
12.5	6.322		
12.5	6.322	3.13%	81.49%
10.5	6.573		
10.5	6.573	2.36%	83.85%
9	6.796		
9	6.796	2.40%	86.25%
7.5	7.059		
7.5	7.059	2.46%	88.71%
6	7.381		
6	7.381	1.67%	90.38%
5	7.644		
5	7.644	1.19%	91.57%
4.3	7.861		
4.3	7.861	0.52%	92.09%
4	7.966		
4	7.966	0.52%	92.62%
3.7	8.078		
3.7	8.078	1.09%	93.71%
3.1	8.334		
3.1	8.334	0.96%	94.67%
2.6	8.587		
2.6	8.587	0.82%	95.50%
2.2	8.828		
2.2	8.828	0.89%	96.38%
1.8	9.118		
1.8	9.118	0.72%	97.10%
1.5	9.381		
1.5	9.381	0.51%	97.61%
1.3	9.587		
1.3	9.587	0.53%	98.14%
1.1	9.828		
1.1	9.828	0.57%	98.71%
0.9	10.118		
< 0,900	> 10,118	1.29%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 10
Livello (cm)	(0-25)
Peso totale (g)	24.4
Frazione > 63 μm (%)	34.5
Frazione < 63 μm (%)	65.5

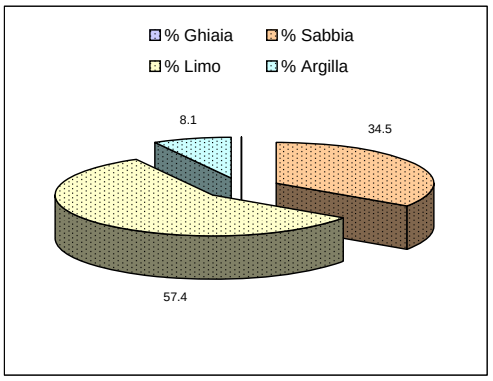
Frazione grossolana (> 63 μm) = 34.5	
% Ghiaia	% Sabbia
0.0	34.5

Frazione pelitica (< 63 μm) = 65.5	
% Limo	% Argilla
57.4	8.1

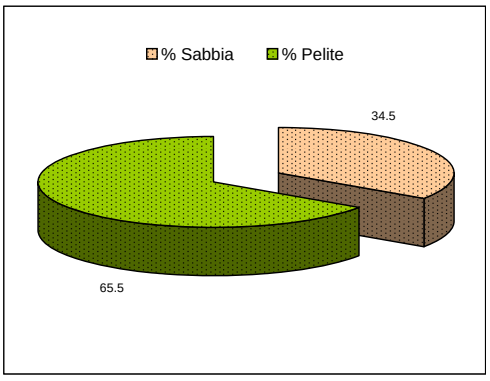
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.950
Deviazione Standard	1.950
Asimmetria (Skewness)	0.084
Appuntimento (Kurtosis)	1.061
Mediana (Φ)	4.921
Moda (Φ)	4.000

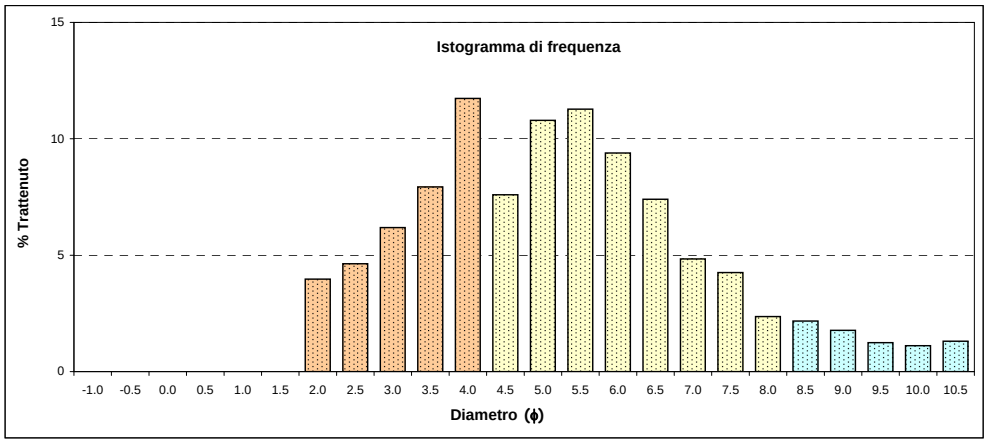
Percentili (Φ)	
5	2.097
16	3.067
25	3.595
50	4.921
75	6.148
84	6.863
95	8.706

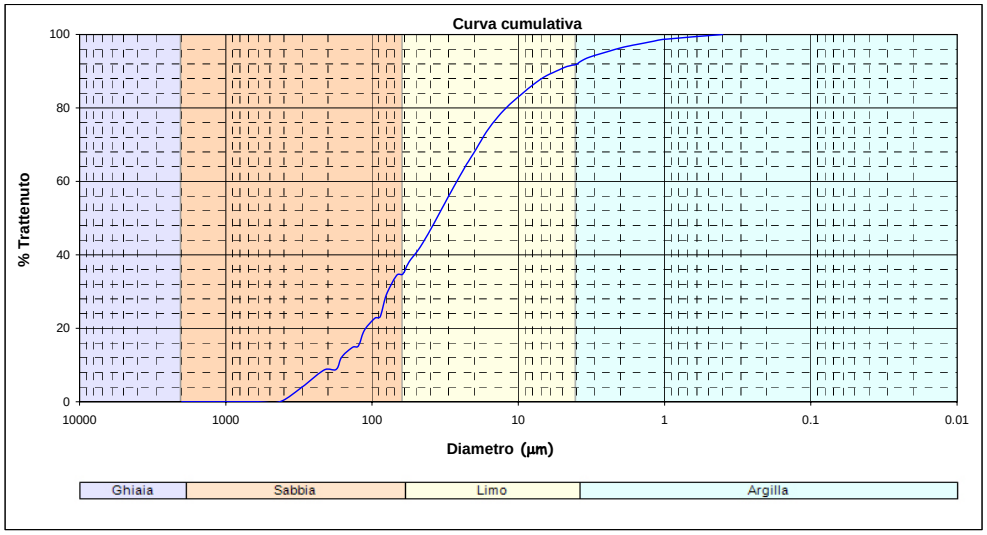
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.98%	3.98%
250	2		
250	2	4.63%	8.61%
176.78	2.5		
176.78	2.5	0.21%	8.82%
175	2.515		
175	2.515	3.35%	12.17%
147	2.766		
147	2.766	2.63%	14.80%
125	3		
125	3	0.42%	15.22%
123	3.023		
123	3.023	4.21%	19.43%
103	3.279		
103	3.279	3.30%	22.73%
88.39	3.5		
88.39	3.5	0.50%	23.24%
87	3.523		
87	3.523	5.81%	29.04%
73	3.776		
73	3.776	5.42%	34.47%
62.5	4		
62.5	4	0.25%	34.72%
61	4.035		
61	4.035	3.23%	37.95%
51	4.293		
51	4.293	4.11%	42.06%
43	4.54		
43	4.54	5.10%	47.16%
36	4.796		
36	4.796	5.70%	52.86%
30	5.059		
30	5.059	5.83%	58.69%
25	5.322		
25	5.322	5.45%	64.13%
21	5.573		
21	5.573	4.54%	68.67%
18	5.796		
18	5.796	4.85%	73.52%
15	6.059		
15	6.059	4.14%	77.66%
12.5	6.322		
12.5	6.322	3.27%	80.93%
10.5	6.573		
10.5	6.573	2.41%	83.34%
9	6.796		
9	6.796	2.43%	85.77%
7.5	7.059		
7.5	7.059	2.52%	88.28%
6	7.381		
6	7.381	1.74%	90.02%
5	7.644		
5	7.644	1.26%	91.28%
4.3	7.861		
4.3	7.861	0.55%	91.83%
4	7.966		
4	7.966	0.55%	92.39%
3.7	8.078		
3.7	8.078	1.16%	93.55%
3.1	8.334		
3.1	8.334	1.01%	94.56%
2.6	8.587		
2.6	8.587	0.86%	95.42%
2.2	8.828		
2.2	8.828	0.92%	96.34%
1.8	9.118		
1.8	9.118	0.73%	97.07%
1.5	9.381		
1.5	9.381	0.51%	97.58%
1.3	9.587		
1.3	9.587	0.54%	98.13%
1.1	9.828		
1.1	9.828	0.57%	98.70%
0.9	10.118		
< 0,900	> 10,118	1.30%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 10
Livello (cm)	(25-50)
Peso totale (g)	28.8
Frazione > 63 μm (%)	35.6
Frazione < 63 μm (%)	64.4

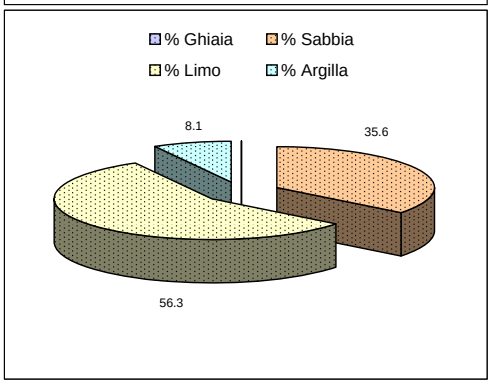
Frazione grossolana (> 63 μm) = 35.6	
% Ghiaia	% Sabbia
0.0	35.6

Frazione pelitica (< 63 μm) = 64.4	
% Limo	% Argilla
56.3	8.1

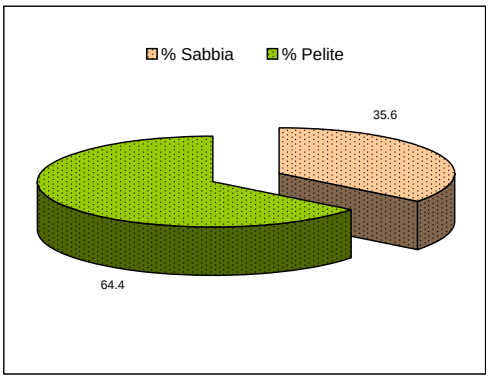
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.839
Deviazione Standard	2.066
Asimmetria (Skewness)	0.066
Appuntimento (Kurtosis)	1.118
Mediana (Φ)	4.803
Moda (Φ)	5.000

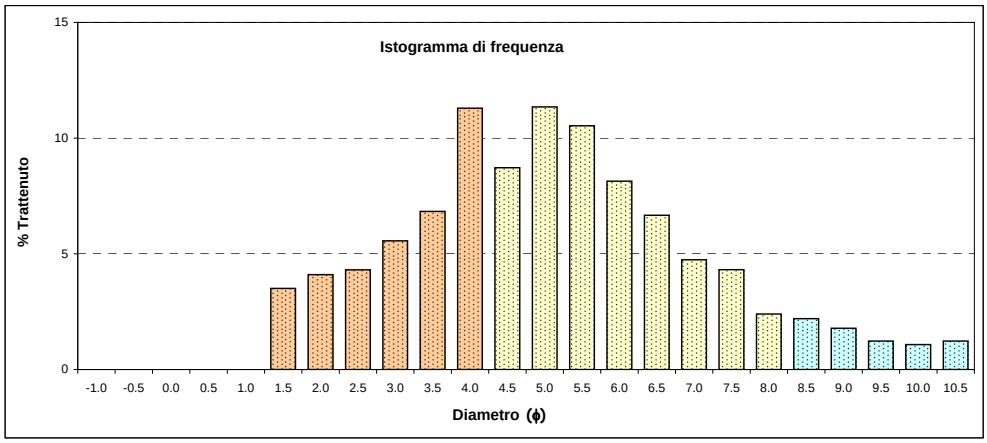
Percentili (Φ)	
5	1.663
16	2.850
25	3.533
50	4.803
75	6.103
84	6.864
95	8.673

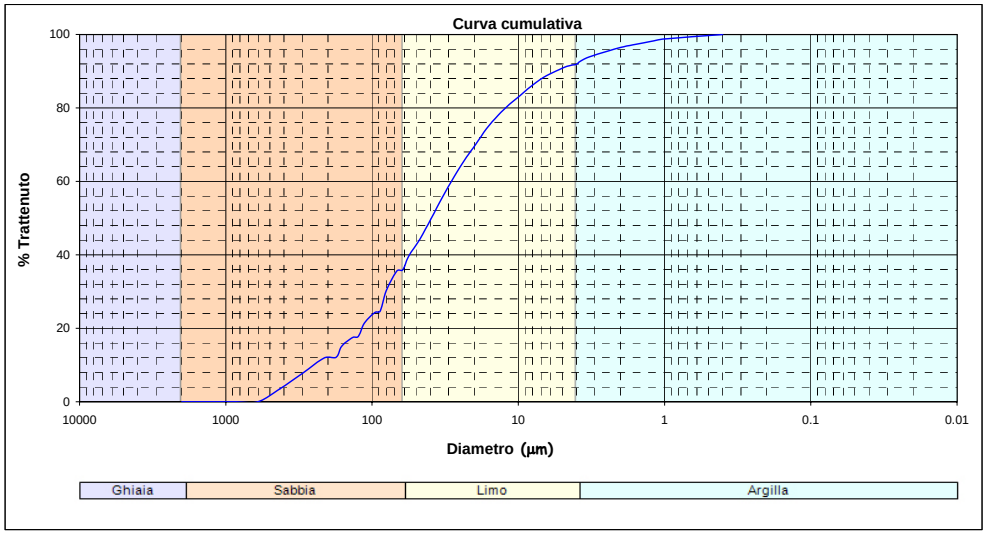
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.51%	3.51%
353.55	1.5		
353.55	1.5	4.10%	7.61%
250	2		
250	2	4.31%	11.91%
176.78	2.5		
176.78	2.5	0.19%	12.10%
175	2.515		
175	2.515	3.00%	15.11%
147	2.766		
147	2.766	2.36%	17.47%
125	3		
125	3	0.35%	17.83%
123	3.023		
123	3.023	3.55%	21.37%
103	3.279		
103	3.279	2.93%	24.30%
88.39	3.5		
88.39	3.5	0.46%	24.76%
87	3.523		
87	3.523	5.49%	30.24%
73	3.776		
73	3.776	5.35%	35.60%
62.5	4		
62.5	4	0.31%	35.90%
61	4.035		
61	4.035	3.78%	39.68%
51	4.293		
51	4.293	4.64%	44.32%
43	4.54		
43	4.54	5.52%	49.83%
36	4.796		
36	4.796	5.84%	55.67%
30	5.059		
30	5.059	5.60%	61.27%
25	5.322		
25	5.322	4.93%	66.20%
21	5.573		
21	5.573	3.95%	70.16%
18	5.796		
18	5.796	4.19%	74.34%
15	6.059		
15	6.059	3.65%	78.00%
12.5	6.322		
12.5	6.322	3.01%	81.01%
10.5	6.573		
10.5	6.573	2.32%	83.33%
9	6.796		
9	6.796	2.42%	85.75%
7.5	7.059		
7.5	7.059	2.55%	88.30%
6	7.381		
6	7.381	1.77%	90.07%
5	7.644		
5	7.644	1.28%	91.34%
4.3	7.861		
4.3	7.861	0.56%	91.91%
4	7.966		
4	7.966	0.56%	92.47%
3.7	8.078		
3.7	8.078	1.17%	93.64%
3.1	8.334		
3.1	8.334	1.03%	94.67%
2.6	8.587		
2.6	8.587	0.87%	95.54%
2.2	8.828		
2.2	8.828	0.92%	96.46%
1.8	9.118		
1.8	9.118	0.73%	97.19%
1.5	9.381		
1.5	9.381	0.51%	97.69%
1.3	9.587		
1.3	9.587	0.53%	98.22%
1.1	9.828		
1.1	9.828	0.55%	98.77%
0.9	10.118		
< 0,900	> 10,118	1.23%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 10
Livello (cm)	(50-75)
Peso totale (g)	29.5
Frazione > 63 μm (%)	33.9
Frazione < 63 μm (%)	66.1

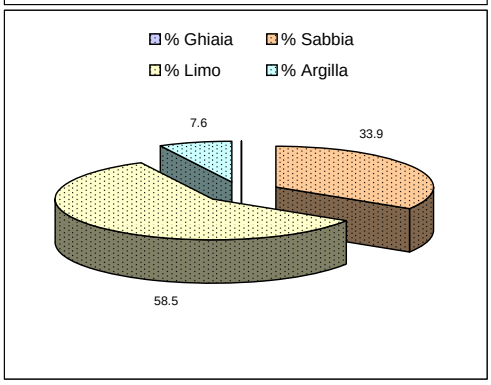
Frazione grossolana (> 63 μm) = 33.9	
% Ghiaia	% Sabbia
0.0	33.9

Frazione pelitica (< 63 μm) = 66.1	
% Limo	% Argilla
58.5	7.6

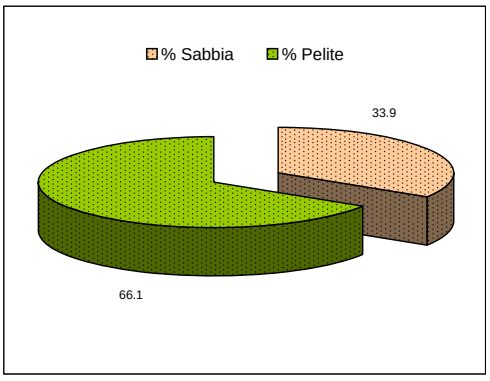
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.856
Deviazione Standard	1.975
Asimmetria (Skewness)	0.087
Appuntimento (Kurtosis)	1.150
Mediana (Φ)	4.780
Moda (Φ)	5.000

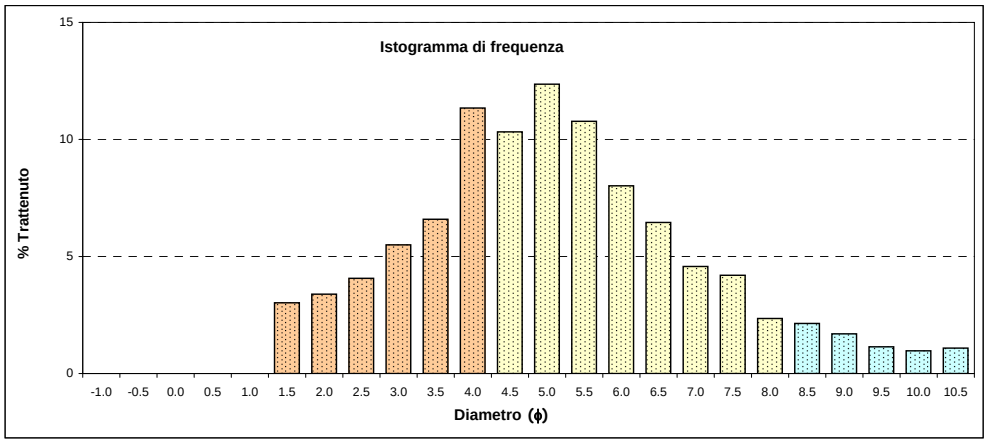
Percentili (Φ)	
5	1.771
16	3.002
25	3.612
50	4.780
75	6.032
84	6.787
95	8.559

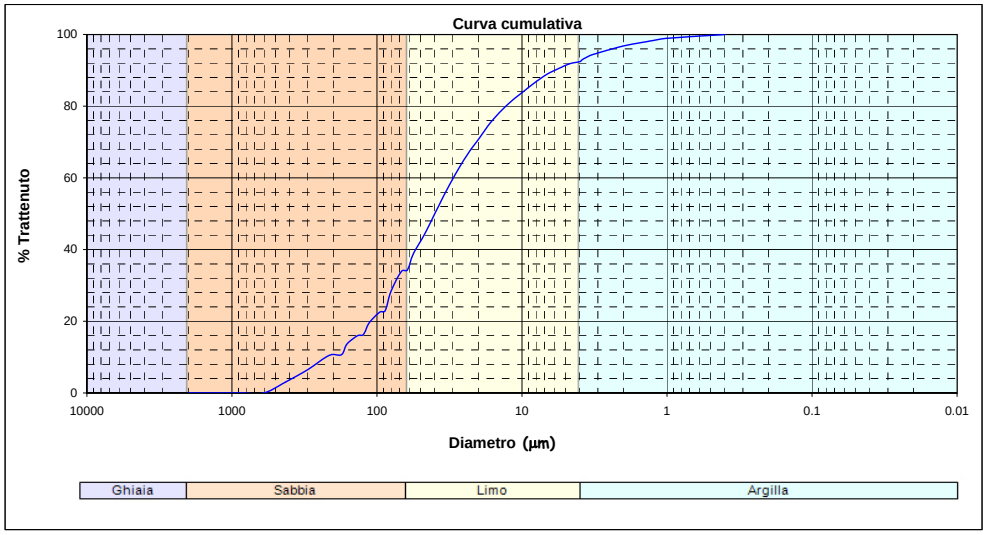
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.02%	3.02%
353.55	1.5		
353.55	1.5	3.39%	6.41%
250	2		
250	2	4.07%	10.48%
176.78	2.5		
176.78	2.5	0.19%	10.67%
175	2.515		
175	2.515	2.97%	13.64%
147	2.766		
147	2.766	2.33%	15.98%
125	3		
125	3	0.33%	16.31%
123	3.023		
123	3.023	3.31%	19.61%
103	3.279		
103	3.279	2.95%	22.57%
88.39	3.5		
88.39	3.5	0.42%	22.99%
87	3.523		
87	3.523	5.39%	28.38%
73	3.776		
73	3.776	5.53%	33.91%
62.5	4		
62.5	4	0.39%	34.30%
61	4.035		
61	4.035	4.57%	38.87%
51	4.293		
51	4.293	5.36%	44.23%
43	4.54		
43	4.54	6.12%	50.35%
36	4.796		
36	4.796	6.24%	56.59%
30	5.059		
30	5.059	5.80%	62.39%
25	5.322		
25	5.322	4.98%	67.37%
21	5.573		
21	5.573	3.92%	71.29%
18	5.796		
18	5.796	4.10%	75.39%
15	6.059		
15	6.059	3.55%	78.94%
12.5	6.322		
12.5	6.322	2.91%	81.85%
10.5	6.573		
10.5	6.573	2.24%	84.08%
9	6.796		
9	6.796	2.34%	86.42%
7.5	7.059		
7.5	7.059	2.47%	88.89%
6	7.381		
6	7.381	1.72%	90.62%
5	7.644		
5	7.644	1.25%	91.86%
4.3	7.861		
4.3	7.861	0.55%	92.42%
4	7.966		
4	7.966	0.55%	92.97%
3.7	8.078		
3.7	8.078	1.14%	94.11%
3.1	8.334		
3.1	8.334	0.99%	95.10%
2.6	8.587		
2.6	8.587	0.83%	95.93%
2.2	8.828		
2.2	8.828	0.87%	96.80%
1.8	9.118		
1.8	9.118	0.68%	97.47%
1.5	9.381		
1.5	9.381	0.47%	97.94%
1.3	9.587		
1.3	9.587	0.48%	98.42%
1.1	9.828		
1.1	9.828	0.49%	98.91%
0.9	10.118		
< 0,900	> 10,118	1.09%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 10
Livello (cm)	(75-100)
Peso totale (g)	35.6
Frazione > 63 µm (%)	55.3
Frazione < 63 µm (%)	44.7

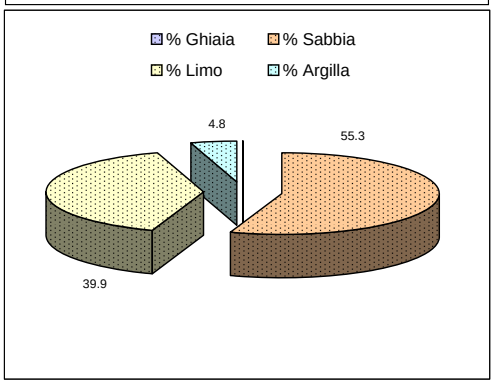
Frazione grossolana (> 63 µm) = 55.3	
% Ghiaia	% Sabbia
0.0	55.3

Frazione pelitica (< 63 µm) = 44.7	
% Limo	% Argilla
39.9	4.8

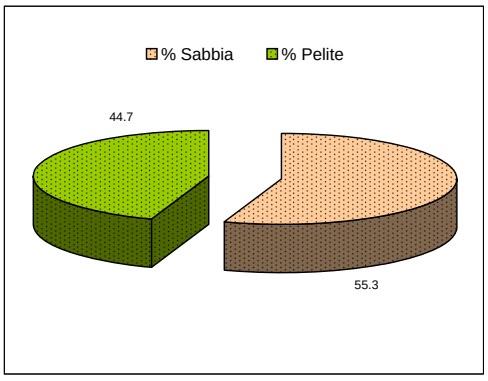
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.006
Deviazione Standard	2.015
Asimmetria (Skewness)	0.181
Appuntimento (Kurtosis)	1.072
Mediana (Φ)	3.805
Moda (Φ)	4.000

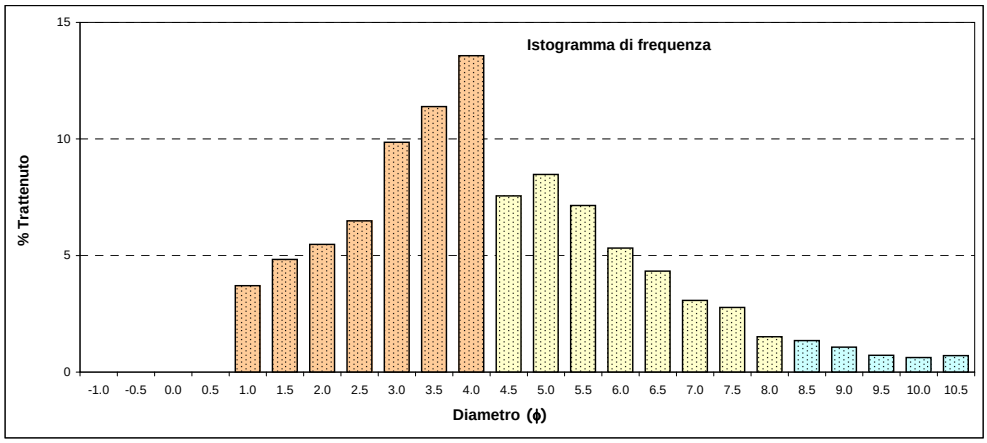
Percentili (Φ)	
5	1.118
16	2.136
25	2.707
50	3.805
75	5.306
84	6.076
95	7.915

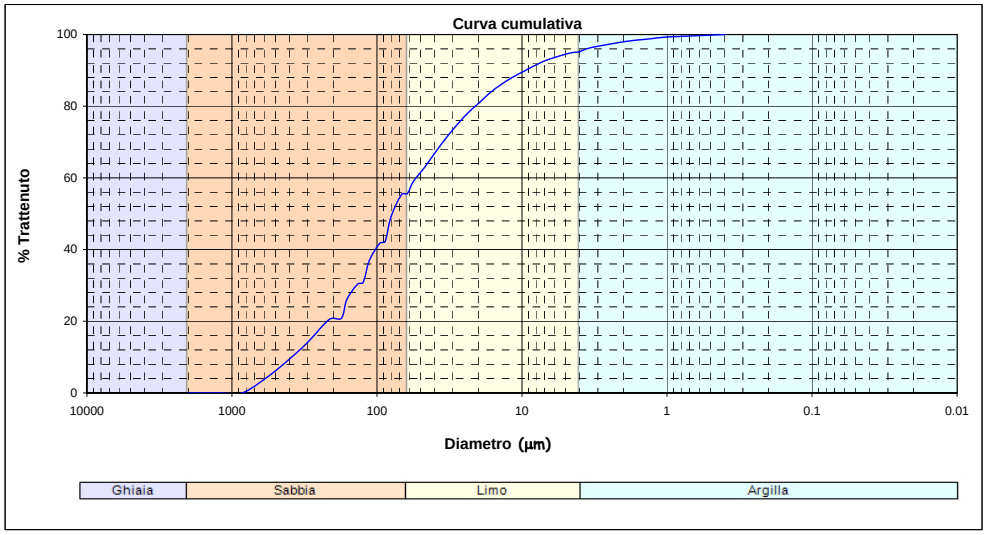
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	3.71%	3.71%
500	1		
500	1	4.83%	8.54%
353.55	1.5		
353.55	1.5	5.48%	14.01%
250	2		
250	2	6.49%	20.50%
176.78	2.5		
176.78	2.5	0.34%	20.84%
175	2.515		
175	2.515	5.33%	26.17%
147	2.766		
147	2.766	4.19%	30.36%
125	3		
125	3	0.58%	30.94%
123	3.023		
123	3.023	5.98%	36.92%
103	3.279		
103	3.279	4.82%	41.75%
88.39	3.5		
88.39	3.5	0.59%	42.33%
87	3.523		
87	3.523	6.80%	49.13%
73	3.776		
73	3.776	6.18%	55.32%
62.5	4		
62.5	4	0.31%	55.63%
61	4.035		
61	4.035	3.41%	59.03%
51	4.293		
51	4.293	3.85%	62.88%
43	4.54		
43	4.54	4.25%	67.13%
36	4.796		
36	4.796	4.22%	71.36%
30	5.059		
30	5.059	3.86%	75.22%
25	5.322		
25	5.322	3.29%	78.50%
21	5.573		
21	5.573	2.59%	81.10%
18	5.796		
18	5.796	2.73%	83.83%
15	6.059		
15	6.059	2.37%	86.20%
12.5	6.322		
12.5	6.322	1.96%	88.16%
10.5	6.573		
10.5	6.573	1.51%	89.67%
9	6.796		
9	6.796	1.57%	91.23%
7.5	7.059		
7.5	7.059	1.64%	92.87%
6	7.381		
6	7.381	1.13%	94.01%
5	7.644		
5	7.644	0.81%	94.82%
4.3	7.861		
4.3	7.861	0.35%	95.17%
4	7.966		
4	7.966	0.35%	95.52%
3.7	8.078		
3.7	8.078	0.73%	96.25%
3.1	8.334		
3.1	8.334	0.63%	96.88%
2.6	8.587		
2.6	8.587	0.52%	97.40%
2.2	8.828		
2.2	8.828	0.55%	97.95%
1.8	9.118		
1.8	9.118	0.43%	98.38%
1.5	9.381		
1.5	9.381	0.30%	98.67%
1.3	9.587		
1.3	9.587	0.31%	98.98%
1.1	9.828		
1.1	9.828	0.32%	99.29%
0.9	10.118		
< 0,900	> 10,118	0.71%	100.00%

ISPRA
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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 10**
Livello (cm)	**(100-125)**
Peso totale (g)	25.8
Frazione > 63 μm (%)	58.2
Frazione < 63 μm (%)	41.8

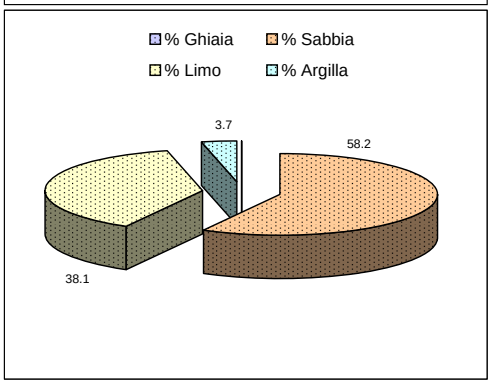
Frazione grossolana (> 63 μm) =	**58.2**
% Ghiaia	**% Sabbia**
0.0	**58.2**

Frazione pelitica (< 63 μm) =	**41.8**
% Limo	**% Argilla**
38.1	**3.7**

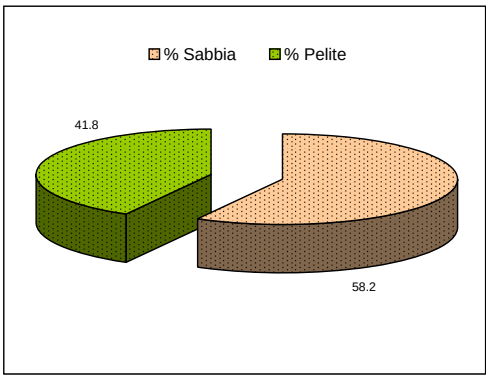
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.117
Deviazione Standard	1.432
Asimmetria (Skewness)	0.427
Appuntimento (Kurtosis)	1.141
Mediana (Φ)	3.788
Moda (Φ)	3.500

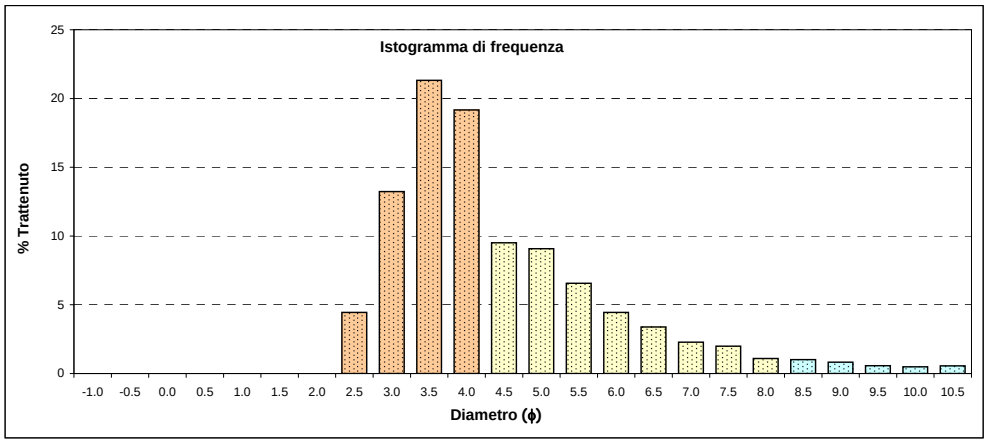
Percentili (Φ)	
5	2.518
16	2.926
25	3.158
50	3.788
75	4.945
84	5.637
95	7.494

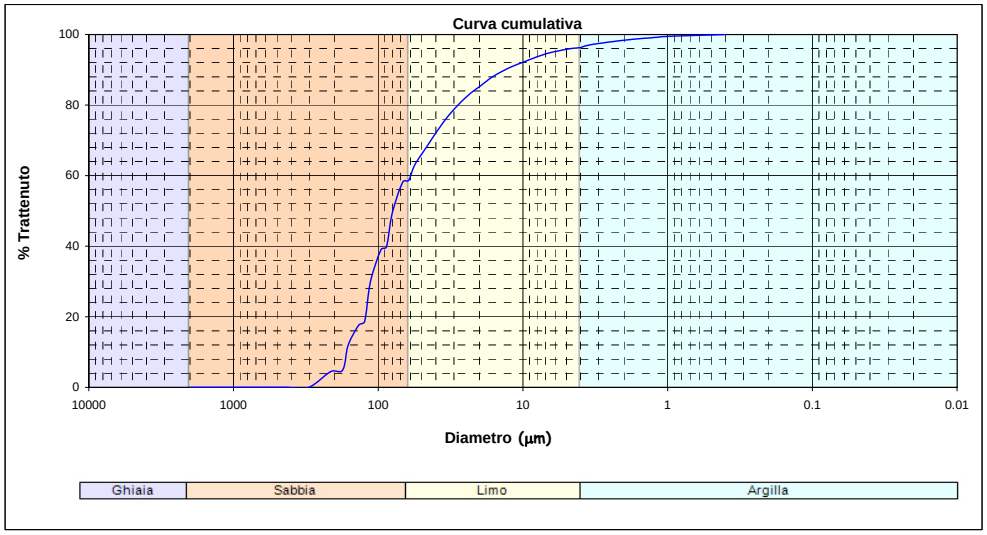
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	4.45%	4.45%
176.78	2.5		
176.78	2.5	0.45%	4.91%
175	2.515		
175	2.515	7.16%	12.06%
147	2.766		
147	2.766	5.62%	17.69%
125	3		
125	3	1.11%	18.80%
123	3.023		
123	3.023	11.31%	30.10%
103	3.279		
103	3.279	8.91%	39.01%
88.39	3.5		
88.39	3.5	0.83%	39.84%
87	3.523		
87	3.523	9.65%	49.50%
73	3.776		
73	3.776	8.68%	58.18%
62.5	4		
62.5	4	0.42%	58.61%
61	4.035		
61	4.035	4.43%	63.03%
51	4.293		
51	4.293	4.66%	67.69%
43	4.54		
43	4.54	4.75%	72.44%
36	4.796		
36	4.796	4.33%	76.77%
30	5.059		
30	5.059	3.65%	80.42%
25	5.322		
25	5.322	2.92%	83.34%
21	5.573		
21	5.573	2.20%	85.54%
18	5.796		
18	5.796	2.24%	87.78%
15	6.059		
15	6.059	1.89%	89.67%
12.5	6.322		
12.5	6.322	1.51%	91.17%
10.5	6.573		
10.5	6.573	1.13%	92.30%
9	6.796		
9	6.796	1.15%	93.45%
7.5	7.059		
7.5	7.059	1.18%	94.63%
6	7.381		
6	7.381	0.81%	95.44%
5	7.644		
5	7.644	0.58%	96.03%
4.3	7.861		
4.3	7.861	0.26%	96.28%
4	7.966		
4	7.966	0.26%	96.54%
3.7	8.078		
3.7	8.078	0.54%	97.08%
3.1	8.334		
3.1	8.334	0.47%	97.55%
2.6	8.587		
2.6	8.587	0.40%	97.95%
2.2	8.828		
2.2	8.828	0.42%	98.38%
1.8	9.118		
1.8	9.118	0.34%	98.71%
1.5	9.381		
1.5	9.381	0.23%	98.95%
1.3	9.587		
1.3	9.587	0.24%	99.19%
1.1	9.828		
1.1	9.828	0.25%	99.44%
0.9	10.118		
< 0,900	> 10,118	0.56%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 10**
Livello (cm)	**(125-150)**
Peso totale (g)	12.6
Frazione > 63 μm (%)	8.3
Frazione < 63 μm (%)	91.7

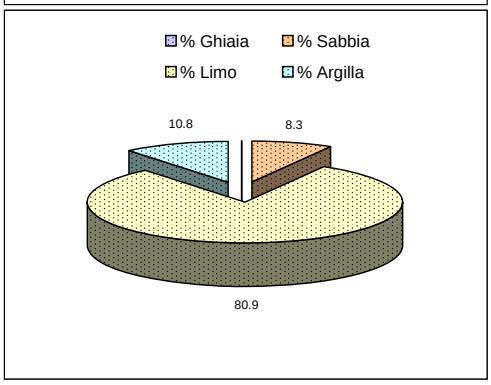
Frazione grossolana (> 63 μm) =	**8.3**
% Ghiaia	**% Sabbia**
0.0	**8.3**

Frazione pelitica (< 63 μm) =	**91.7**
% Limo	**% Argilla**
80.9	**10.8**

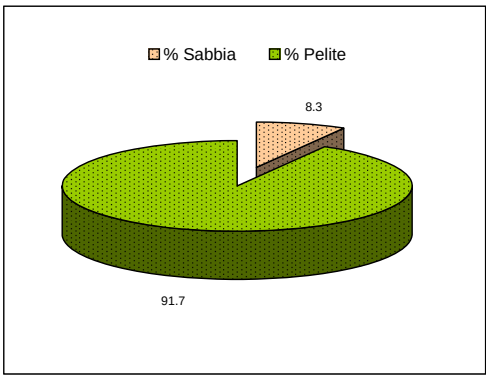
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.688
Deviazione Standard	1.547
Asimmetria (Skewness)	0.333
Appuntimento (Kurtosis)	1.047
Mediana (Φ)	5.406
Moda (Φ)	5.000

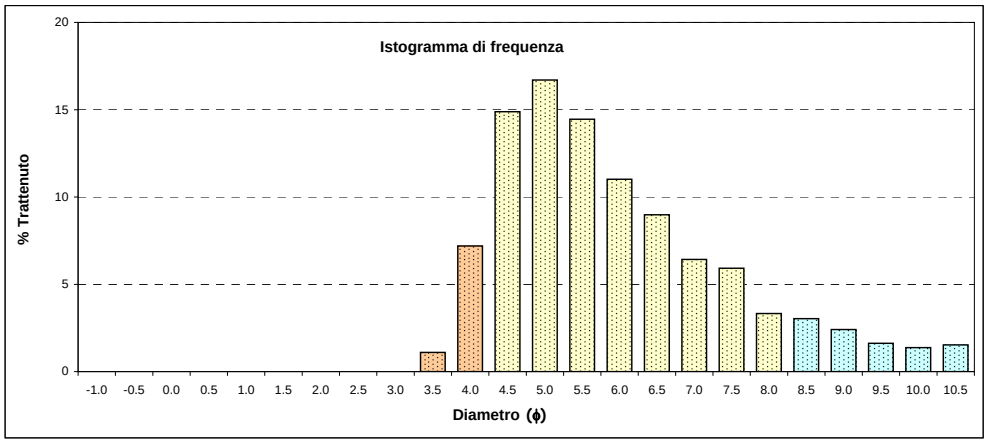
Percentili (Φ)	
5	3.825
16	4.304
25	4.591
50	5.406
75	6.617
84	7.354
95	9.001

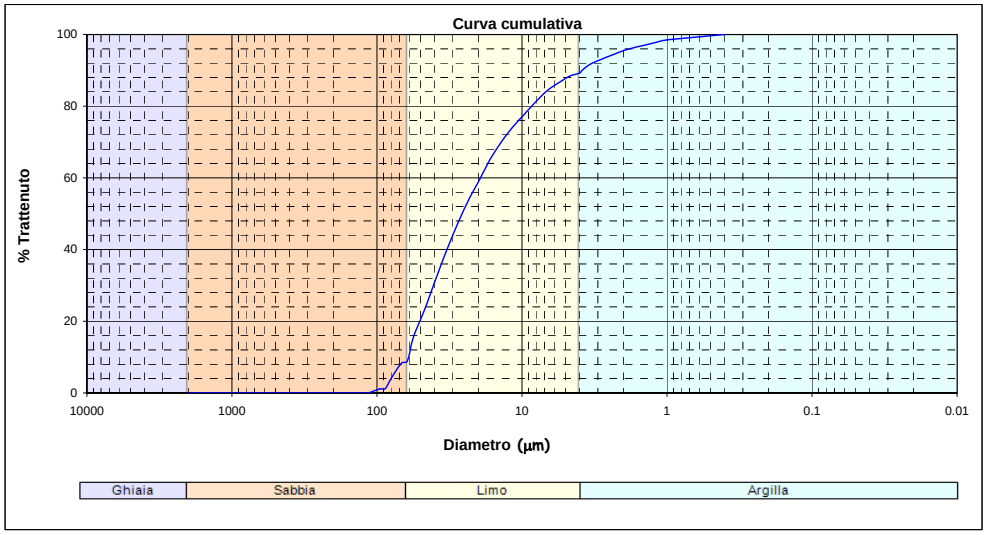
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.11%	0.11%
103	3.279		
103	3.279	0.99%	1.10%
88.39	3.5		
88.39	3.5	0.09%	1.19%
87	3.523		
87	3.523	2.81%	4.01%
73	3.776		
73	3.776	4.29%	8.30%
62.5	4		
62.5	4	0.61%	8.91%
61	4.035		
61	4.035	6.72%	15.64%
51	4.293		
51	4.293	7.55%	23.19%
43	4.54		
43	4.54	8.34%	31.53%
36	4.796		
36	4.796	8.35%	39.88%
30	5.059		
30	5.059	7.75%	47.63%
25	5.322		
25	5.322	6.71%	54.34%
21	5.573		
21	5.573	5.36%	59.70%
18	5.796		
18	5.796	5.66%	65.36%
15	6.059		
15	6.059	4.93%	70.29%
12.5	6.322		
12.5	6.322	4.06%	74.35%
10.5	6.573		
10.5	6.573	3.14%	77.48%
9	6.796		
9	6.796	3.29%	80.77%
7.5	7.059		
7.5	7.059	3.49%	84.26%
6	7.381		
6	7.381	2.44%	86.70%
5	7.644		
5	7.644	1.76%	88.46%
4.3	7.861		
4.3	7.861	0.78%	89.24%
4	7.966		
4	7.966	0.78%	90.02%
3.7	8.078		
3.7	8.078	1.62%	91.64%
3.1	8.334		
3.1	8.334	1.41%	93.06%
2.6	8.587		
2.6	8.587	1.18%	94.24%
2.2	8.828		
2.2	8.828	1.23%	95.47%
1.8	9.118		
1.8	9.118	0.96%	96.43%
1.5	9.381		
1.5	9.381	0.66%	97.09%
1.3	9.587		
1.3	9.587	0.68%	97.77%
1.1	9.828		
1.1	9.828	0.70%	98.47%
0.9	10.118		
< 0,900	> 10,118	1.53%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 10**
Livello (cm)	**(150-175)**
Peso totale (g)	16.3
Frazione > 63 μm (%)	8.8
Frazione < 63 μm (%)	91.2

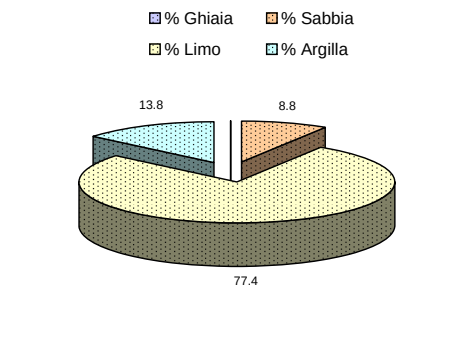
Frazione grossolana (> 63 μm) =	**8.8**
% Ghiaia	**% Sabbia**
0.0	**8.8**

Frazione pelitica (< 63 μm) =	**91.2**
% Limo	**% Argilla**
77.4	**13.8**

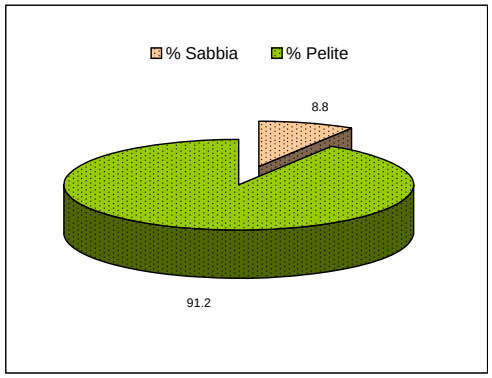
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.862
Deviazione Standard	1.692
Asimmetria (Skewness)	0.316
Appuntimento (Kurtosis)	0.986
Mediana (Φ)	5.553
Moda (Φ)	5.000

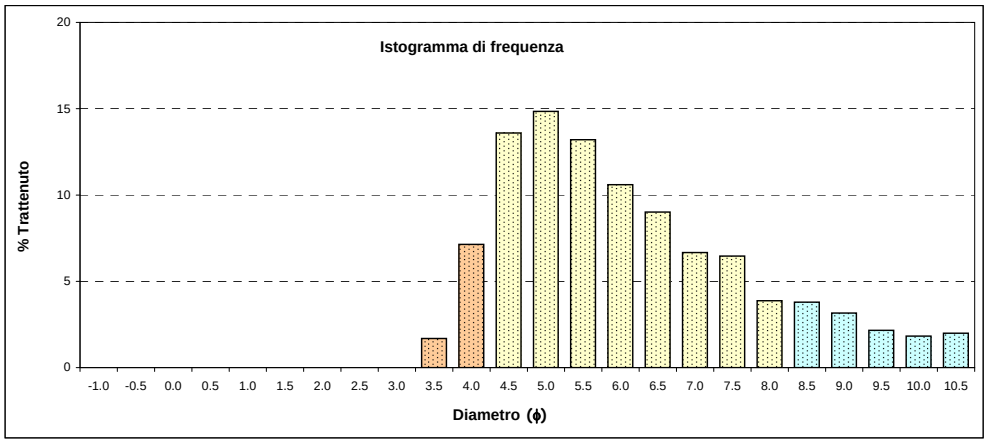
Percentili (Φ)	
5	3.791
16	4.306
25	4.624
50	5.553
75	6.920
84	7.726
95	9.313

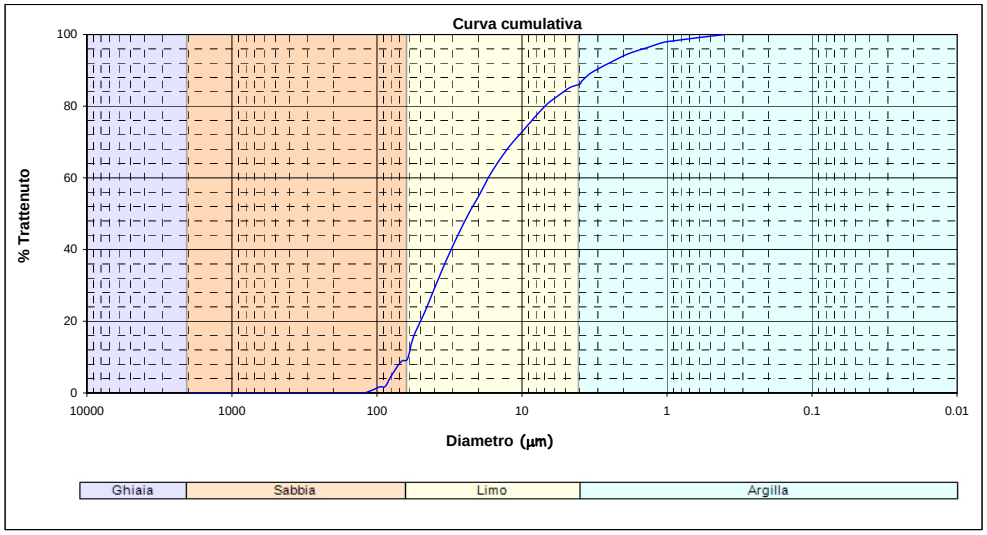
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.44%	0.44%
103	3.279		
103	3.279	1.25%	1.69%
88.39	3.5		
88.39	3.5	0.12%	1.81%
87	3.523		
87	3.523	2.90%	4.71%
73	3.776		
73	3.776	4.12%	8.83%
62.5	4		
62.5	4	0.59%	9.41%
61	4.035		
61	4.035	6.20%	15.62%
51	4.293		
51	4.293	6.80%	22.41%
43	4.54		
43	4.54	7.41%	29.83%
36	4.796		
36	4.796	7.43%	37.26%
30	5.059		
30	5.059	7.00%	44.25%
25	5.322		
25	5.322	6.21%	50.46%
21	5.573		
21	5.573	5.08%	55.55%
18	5.796		
18	5.796	5.52%	61.06%
15	6.059		
15	6.059	4.91%	65.97%
12.5	6.322		
12.5	6.322	4.11%	70.08%
10.5	6.573		
10.5	6.573	3.22%	73.30%
9	6.796		
9	6.796	3.44%	76.74%
7.5	7.059		
7.5	7.059	3.76%	80.50%
6	7.381		
6	7.381	2.70%	83.20%
5	7.644		
5	7.644	2.02%	85.23%
4.3	7.861		
4.3	7.861	0.93%	86.15%
4	7.966		
4	7.966	0.93%	87.08%
3.7	8.078		
3.7	8.078	2.00%	89.07%
3.1	8.334		
3.1	8.334	1.79%	90.87%
2.6	8.587		
2.6	8.587	1.53%	92.40%
2.2	8.828		
2.2	8.828	1.63%	94.03%
1.8	9.118		
1.8	9.118	1.28%	95.31%
1.5	9.381		
1.5	9.381	0.88%	96.19%
1.3	9.587		
1.3	9.587	0.90%	97.09%
1.1	9.828		
1.1	9.828	0.92%	98.01%
0.9	10.118		
< 0,900	> 10,118	1.99%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 10**
Livello (cm)	**(175-200)**
Peso totale (g)	24.8
Frazione > 63 μm (%)	4.7
Frazione < 63 μm (%)	95.3

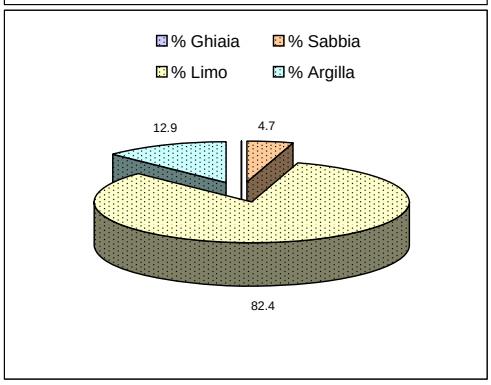
Frazione grossolana (> 63 μm) = 4.7	
% Ghiaia	**% Sabbia**
0.0	**4.7**

Frazione pelitica (< 63 μm) = 95.3	
% Limo	**% Argilla**
82.4	**12.9**

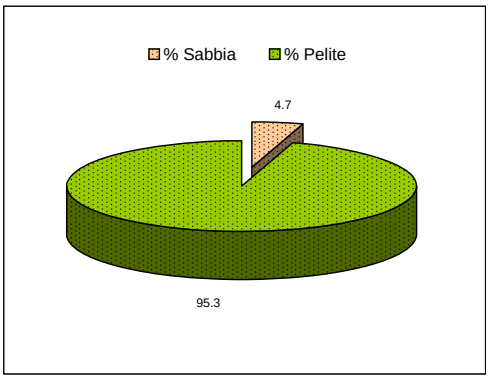
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.954
Deviazione Standard	1.557
Asimmetria (Skewness)	0.309
Appuntimento (Kurtosis)	1.062
Mediana (Φ)	5.689
Moda (Φ)	5.500

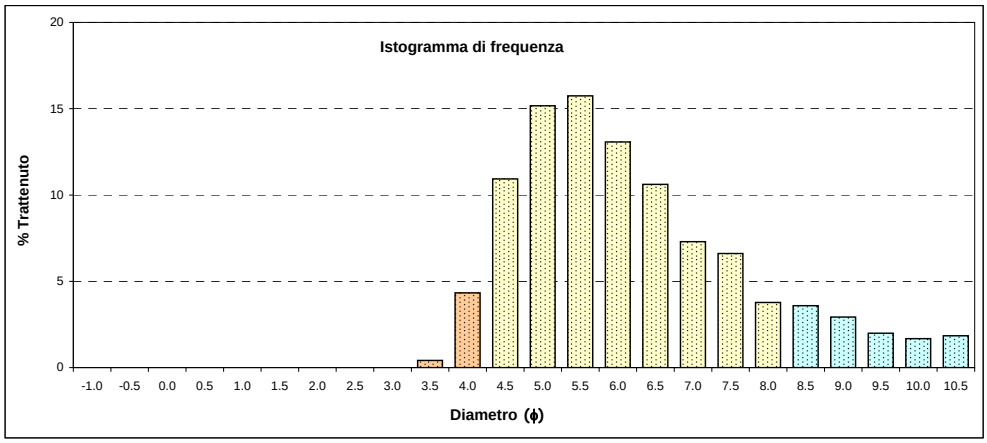
Percentili (Φ)	
5	4.023
16	4.550
25	4.862
50	5.689
75	6.871
84	7.624
95	9.227

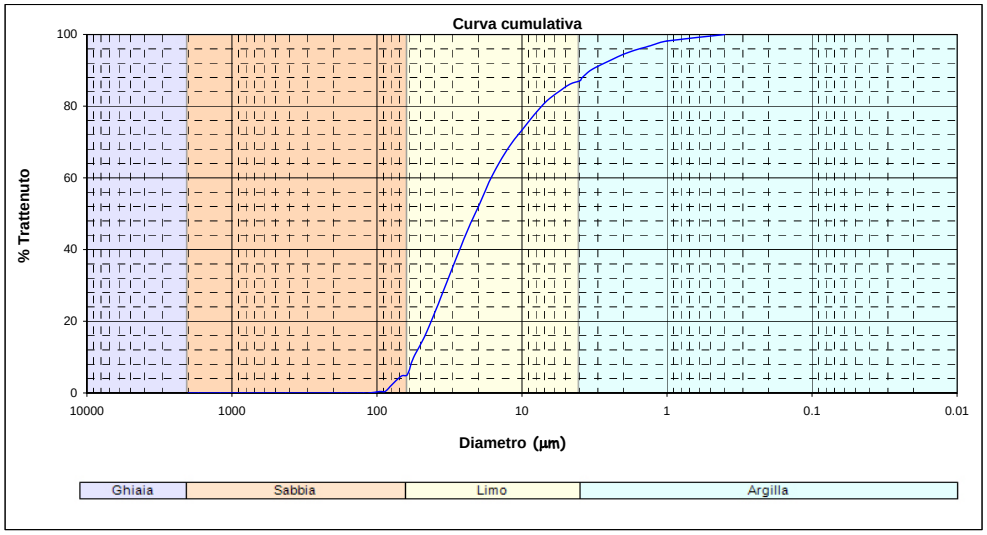
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.42%	0.42%
88.39	3.5		
88.39	3.5	0.04%	0.46%
87	3.523		
87	3.523	1.57%	2.03%
73	3.776		
73	3.776	2.72%	4.75%
62.5	4		
62.5	4	0.39%	5.14%
61	4.035		
61	4.035	4.70%	9.84%
51	4.293		
51	4.293	5.84%	15.68%
43	4.54		
43	4.54	7.17%	22.85%
36	4.796		
36	4.796	8.00%	30.85%
30	5.059		
30	5.059	8.16%	39.01%
25	5.322		
25	5.322	7.58%	46.59%
21	5.573		
21	5.573	6.30%	52.89%
18	5.796		
18	5.796	6.77%	59.66%
15	6.059		
15	6.059	5.87%	65.53%
12.5	6.322		
12.5	6.322	4.75%	70.28%
10.5	6.573		
10.5	6.573	3.60%	73.88%
9	6.796		
9	6.796	3.70%	77.58%
7.5	7.059		
7.5	7.059	3.89%	81.47%
6	7.381		
6	7.381	2.72%	84.19%
5	7.644		
5	7.644	1.99%	86.18%
4.3	7.861		
4.3	7.861	0.89%	87.07%
4	7.966		
4	7.966	0.89%	87.97%
3.7	8.078		
3.7	8.078	1.90%	89.87%
3.1	8.334		
3.1	8.334	1.69%	91.55%
2.6	8.587		
2.6	8.587	1.43%	92.98%
2.2	8.828		
2.2	8.828	1.51%	94.49%
1.8	9.118		
1.8	9.118	1.18%	95.67%
1.5	9.381		
1.5	9.381	0.81%	96.48%
1.3	9.587		
1.3	9.587	0.83%	97.31%
1.1	9.828		
1.1	9.828	0.85%	98.16%
0.9	10.118		
< 0,900	> 10,118	1.84%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 10
Livello (cm)	(200-225)
Peso totale (g)	33.3
Frazione > 63 μm (%)	2.9
Frazione < 63 μm (%)	97.1

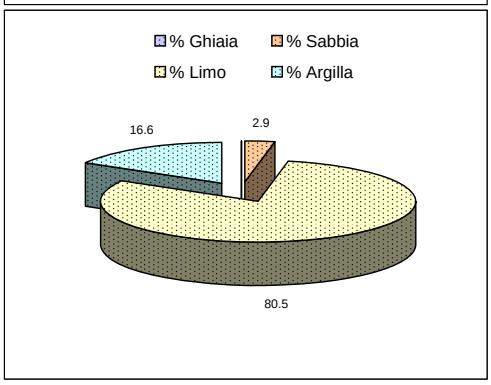
Frazione grossolana (> 63 μm) = 2.9	
% Ghiaia	% Sabbia
0.0	2.9

Frazione pelitica (< 63 μm) = 97.1	
% Limo	% Argilla
80.5	16.6

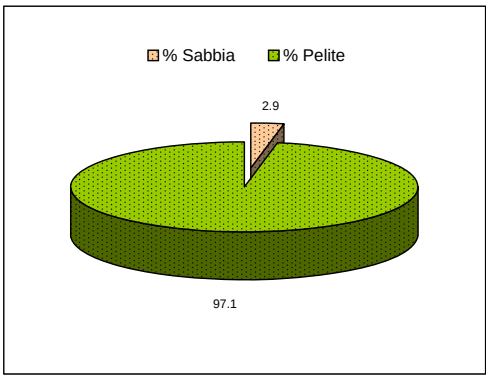
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.272
Deviazione Standard	1.621
Asimmetria (Skewness)	0.249
Appuntimento (Kurtosis)	0.980
Mediana (Φ)	6.045
Moda (Φ)	5.500

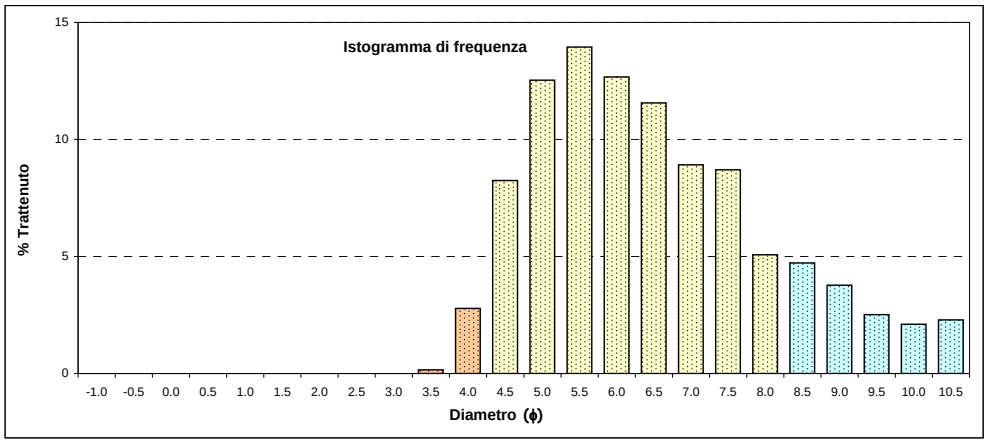
Percentili (Φ)	
5	4.164
16	4.748
25	5.103
50	6.045
75	7.319
84	8.022
95	9.462

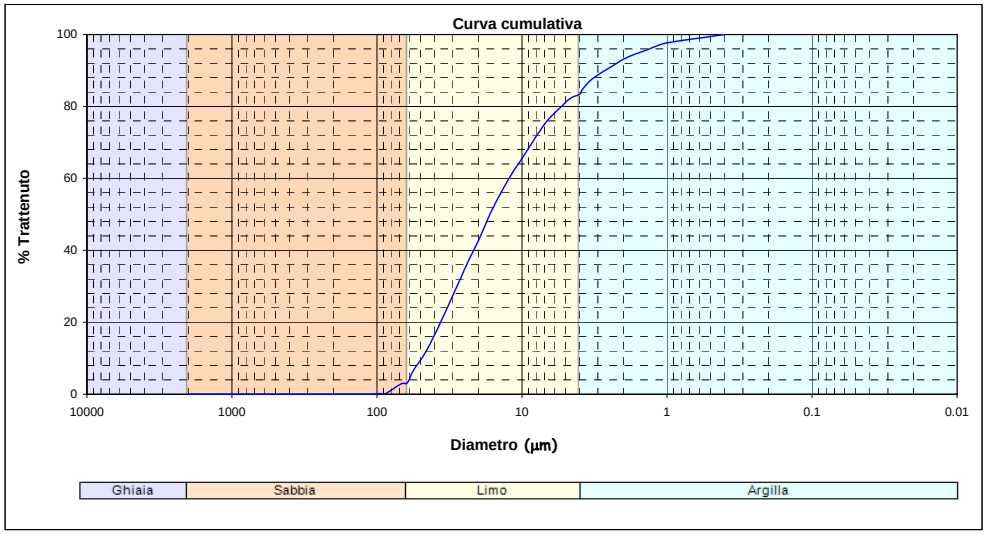
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.16%	0.16%
88.39	3.5		
88.39	3.5	0.01%	0.17%
87	3.523		
87	3.523	0.93%	1.10%
73	3.776		
73	3.776	1.84%	2.94%
62.5	4		
62.5	4	0.26%	3.20%
61	4.035		
61	4.035	3.45%	6.66%
51	4.293		
51	4.293	4.53%	11.19%
43	4.54		
43	4.54	5.81%	17.00%
36	4.796		
36	4.796	6.72%	23.72%
30	5.059		
30	5.059	7.10%	30.82%
25	5.322		
25	5.322	6.85%	37.67%
21	5.573		
21	5.573	5.93%	43.60%
18	5.796		
18	5.796	6.73%	50.33%
15	6.059		
15	6.059	6.21%	56.54%
12.5	6.322		
12.5	6.322	5.35%	61.89%
10.5	6.573		
10.5	6.573	4.28%	66.18%
9	6.796		
9	6.796	4.64%	70.81%
7.5	7.059		
7.5	7.059	5.07%	75.88%
6	7.381		
6	7.381	3.63%	79.51%
5	7.644		
5	7.644	2.68%	82.19%
4.3	7.861		
4.3	7.861	1.20%	83.39%
4	7.966		
4	7.966	1.20%	84.59%
3.7	8.078		
3.7	8.078	2.52%	87.11%
3.1	8.334		
3.1	8.334	2.21%	89.32%
2.6	8.587		
2.6	8.587	1.85%	91.16%
2.2	8.828		
2.2	8.828	1.93%	93.09%
1.8	9.118		
1.8	9.118	1.49%	94.58%
1.5	9.381		
1.5	9.381	1.02%	95.60%
1.3	9.587		
1.3	9.587	1.04%	96.65%
1.1	9.828		
1.1	9.828	1.06%	97.71%
0.9	10.118		
< 0,900	> 10,118	2.29%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 10**
Livello (cm)	**(225-250)**
Peso totale (g)	14.2
Frazione > 63 μm (%)	3.8
Frazione < 63 μm (%)	96.2

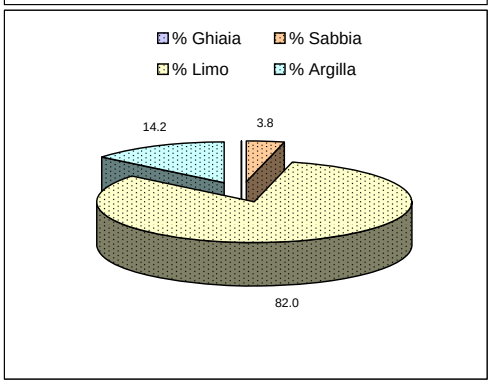
Frazione grossolana (> 63 μm) =	**3.8**
% Ghiaia	**% Sabbia**
0.0	**3.8**

Frazione pelitica (< 63 μm) =	**96.2**
% Limo	**% Argilla**
82.0	**14.2**

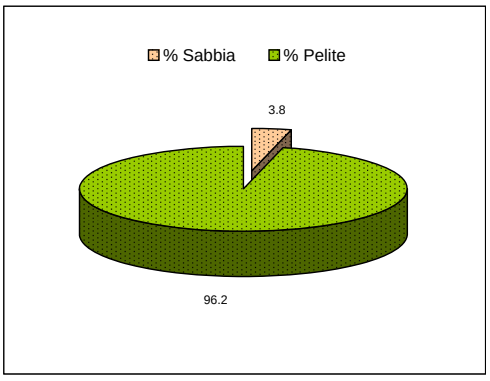
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.043
Deviazione Standard	1.593
Asimmetria (Skewness)	0.323
Appuntimento (Kurtosis)	1.051
Mediana (Φ)	5.752
Moda (Φ)	5.500

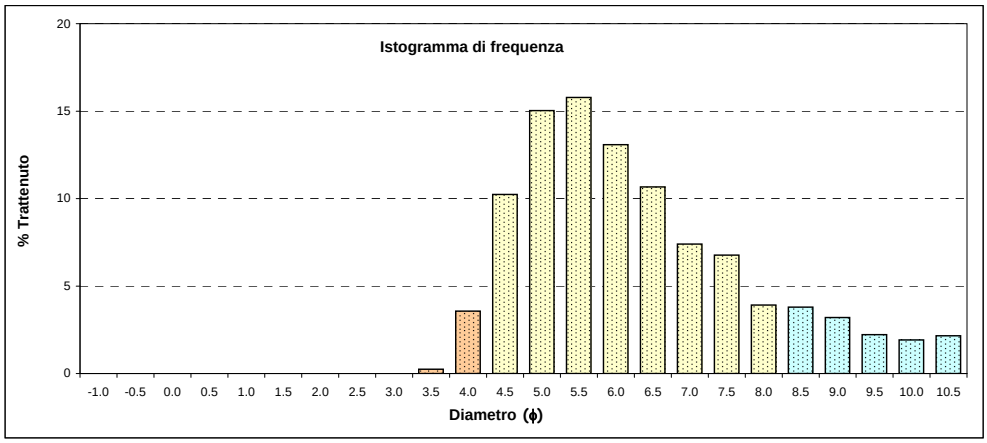
Percentili (Φ)	
5	4.083
16	4.606
25	4.918
50	5.752
75	6.984
84	7.769
95	9.380

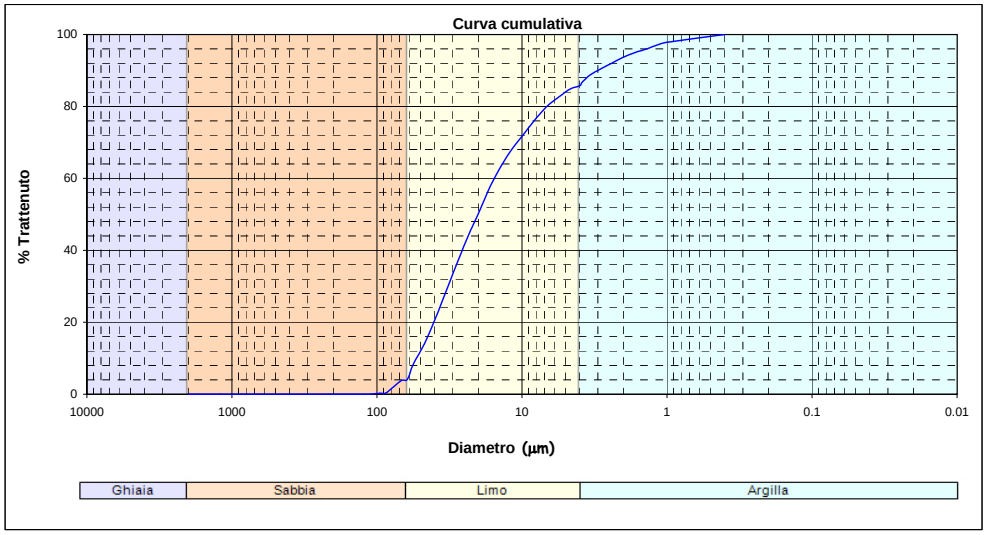
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.25%	0.25%
88.39	3.5		
88.39	3.5	0.02%	0.27%
87	3.523		
87	3.523	1.21%	1.48%
73	3.776		
73	3.776	2.33%	3.81%
62.5	4		
62.5	4	0.33%	4.14%
61	4.035		
61	4.035	4.31%	8.46%
51	4.293		
51	4.293	5.59%	14.04%
43	4.54		
43	4.54	7.05%	21.10%
36	4.796		
36	4.796	7.98%	29.08%
30	5.059		
30	5.059	8.18%	37.26%
25	5.322		
25	5.322	7.60%	44.86%
21	5.573		
21	5.573	6.30%	51.16%
18	5.796		
18	5.796	6.78%	57.94%
15	6.059		
15	6.059	5.88%	63.82%
12.5	6.322		
12.5	6.322	4.78%	68.61%
10.5	6.573		
10.5	6.573	3.64%	72.24%
9	6.796		
9	6.796	3.76%	76.01%
7.5	7.059		
7.5	7.059	3.98%	79.98%
6	7.381		
6	7.381	2.79%	82.78%
5	7.644		
5	7.644	2.05%	84.83%
4.3	7.861		
4.3	7.861	0.93%	85.76%
4	7.966		
4	7.966	0.93%	86.69%
3.7	8.078		
3.7	8.078	2.00%	88.69%
3.1	8.334		
3.1	8.334	1.80%	90.49%
2.6	8.587		
2.6	8.587	1.54%	92.04%
2.2	8.828		
2.2	8.828	1.65%	93.69%
1.8	9.118		
1.8	9.118	1.31%	95.01%
1.5	9.381		
1.5	9.381	0.91%	95.92%
1.3	9.587		
1.3	9.587	0.95%	96.86%
1.1	9.828		
1.1	9.828	0.98%	97.84%
0.9	10.118		
< 0,900	> 10,118	2.16%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 10
Livello (cm)	(250-275)
Peso totale (g)	81.6
Frazione > 63 μm (%)	84.2
Frazione < 63 μm (%)	15.8

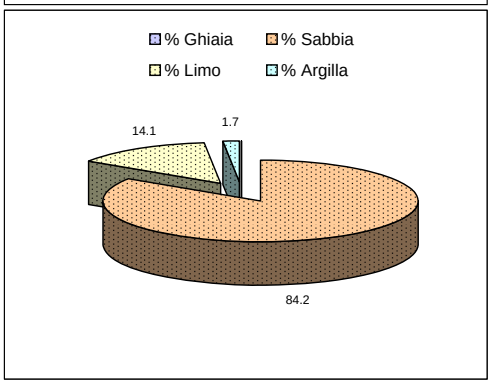
Frazione grossolana (> 63 μm) = 84.2	
% Ghiaia	% Sabbia
0.0	84.2

Frazione pelitica (< 63 μm) = 15.8	
% Limo	% Argilla
14.1	1.7

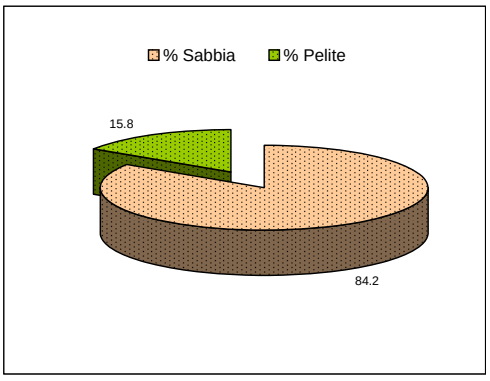
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.805
Deviazione Standard	1.249
Asimmetria (Skewness)	0.504
Appuntimento (Kurtosis)	2.048
Mediana (Φ)	2.472
Moda (Φ)	2.500

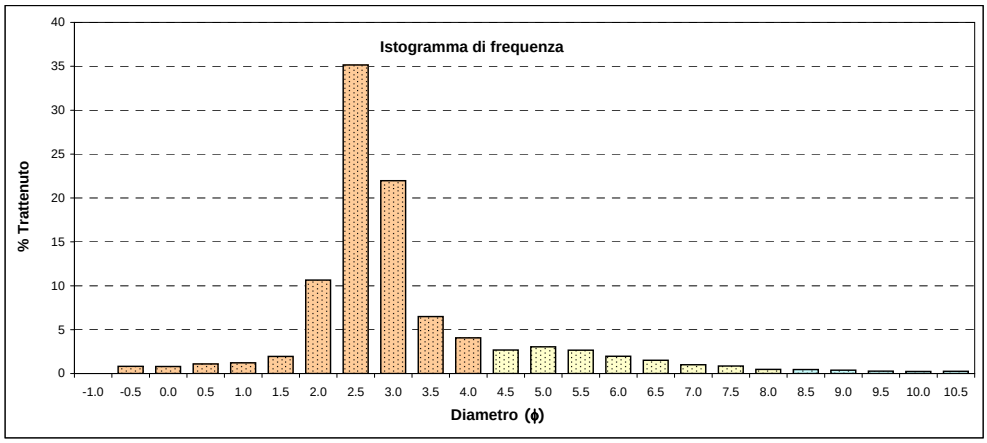
Percentili (Φ)	
5	1.255
16	1.971
25	2.106
50	2.472
75	3.094
84	3.974
95	6.194

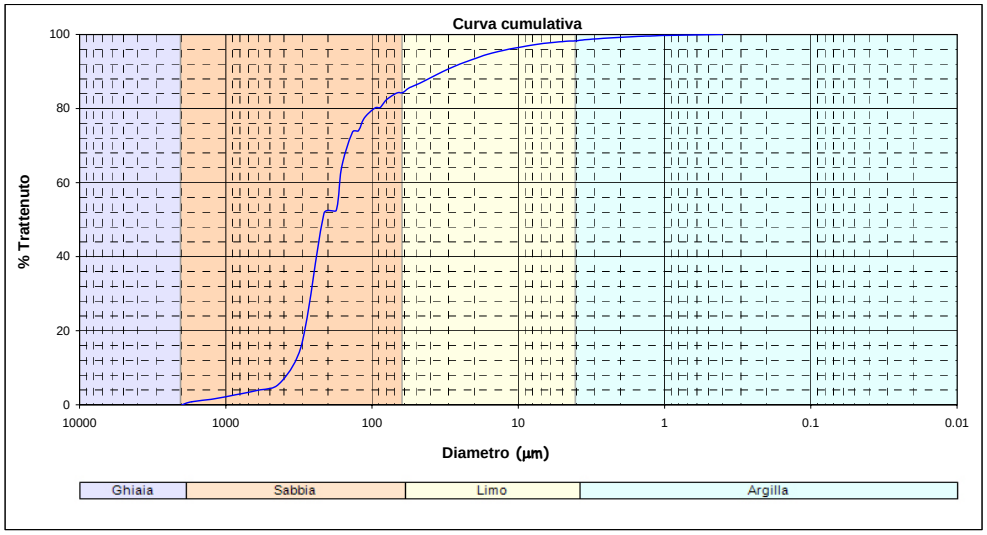
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.82%	0.82%
1414.21	-0.5		
1414.21	-0.5	0.80%	1.62%
1000	0		
1000	0	1.09%	2.71%
707.11	0.5		
707.11	0.5	1.21%	3.92%
500	1		
500	1	1.95%	5.87%
353.55	1.5		
353.55	1.5	10.66%	16.53%
250	2		
250	2	35.15%	51.68%
176.78	2.5		
176.78	2.5	0.75%	52.44%
175	2.515		
175	2.515	11.88%	64.31%
147	2.766		
147	2.766	9.33%	73.64%
125	3		
125	3	0.34%	73.99%
123	3.023		
123	3.023	3.46%	77.45%
103	3.279		
103	3.279	2.69%	80.14%
88.39	3.5		
88.39	3.5	0.17%	80.30%
87	3.523		
87	3.523	2.01%	82.31%
73	3.776		
73	3.776	1.89%	84.20%
62.5	4		
62.5	4	0.11%	84.31%
61	4.035		
61	4.035	1.20%	85.52%
51	4.293		
51	4.293	1.36%	86.88%
43	4.54		
43	4.54	1.51%	88.39%
36	4.796		
36	4.796	1.53%	89.91%
30	5.059		
30	5.059	1.43%	91.34%
25	5.322		
25	5.322	1.23%	92.57%
21	5.573		
21	5.573	0.97%	93.55%
18	5.796		
18	5.796	1.00%	94.55%
15	6.059		
15	6.059	0.84%	95.39%
12.5	6.322		
12.5	6.322	0.67%	96.06%
10.5	6.573		
10.5	6.573	0.50%	96.56%
9	6.796		
9	6.796	0.50%	97.06%
7.5	7.059		
7.5	7.059	0.51%	97.57%
6	7.381		
6	7.381	0.35%	97.92%
5	7.644		
5	7.644	0.25%	98.17%
4.3	7.861		
4.3	7.861	0.11%	98.29%
4	7.966		
4	7.966	0.11%	98.40%
3.7	8.078		
3.7	8.078	0.24%	98.64%
3.1	8.334		
3.1	8.334	0.21%	98.85%
2.6	8.587		
2.6	8.587	0.18%	99.04%
2.2	8.828		
2.2	8.828	0.20%	99.24%
1.8	9.118		
1.8	9.118	0.16%	99.39%
1.5	9.381		
1.5	9.381	0.11%	99.50%
1.3	9.587		
1.3	9.587	0.11%	99.62%
1.1	9.828		
1.1	9.828	0.12%	99.74%
0.9	10.118		
< 0,900	> 10,118	0.26%	100.00%

ISPRA
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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 10**
Livello (cm)	**(275-300)**
Peso totale (g)	79.6
Frazione > 63 μm (%)	97.2
Frazione < 63 μm (%)	2.8

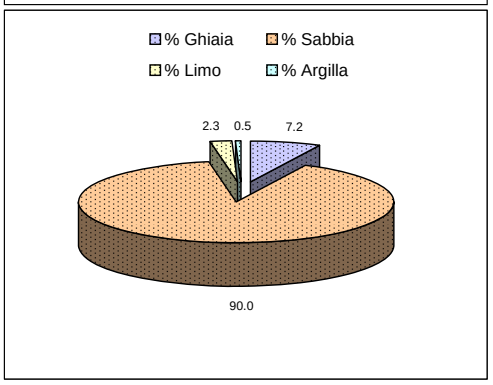
Frazione grossolana (> 63 μm) =	**97.2**
% Ghiaia	**% Sabbia**
7.2	**90.0**

Frazione pelitica (< 63 μm) =	**2.8**
% Limo	**% Argilla**
2.3	**0.5**

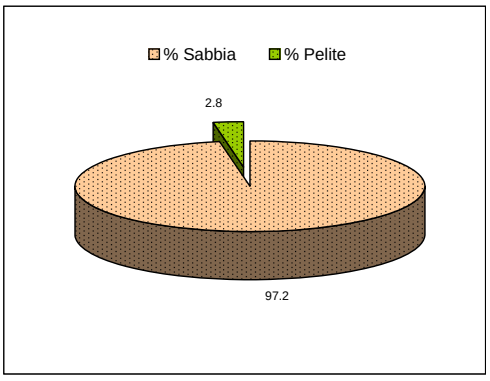
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.157
Deviazione Standard	1.026
Asimmetria (Skewness)	-0.011
Appuntimento (Kurtosis)	2.790
Mediana (Φ)	2.164
Moda (Φ)	2.500

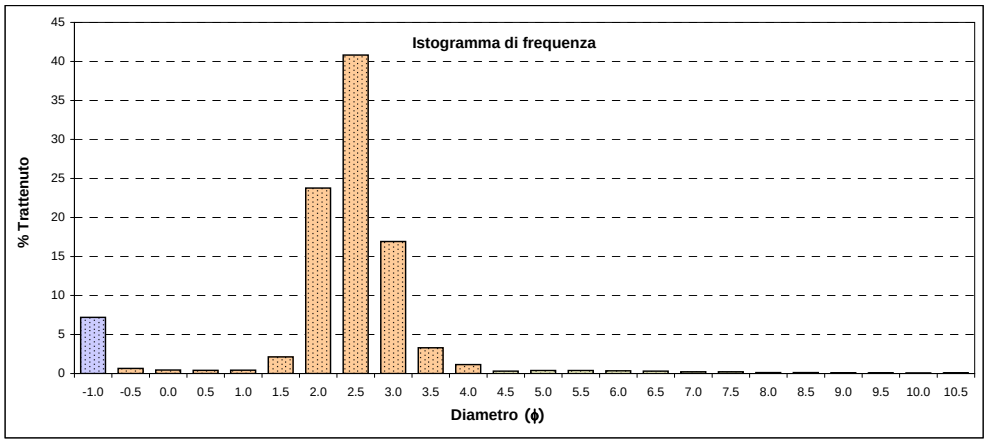
Percentili (Φ)	
5	-1.585
16	1.587
25	1.767
50	2.164
75	2.487
84	2.719
95	3.317

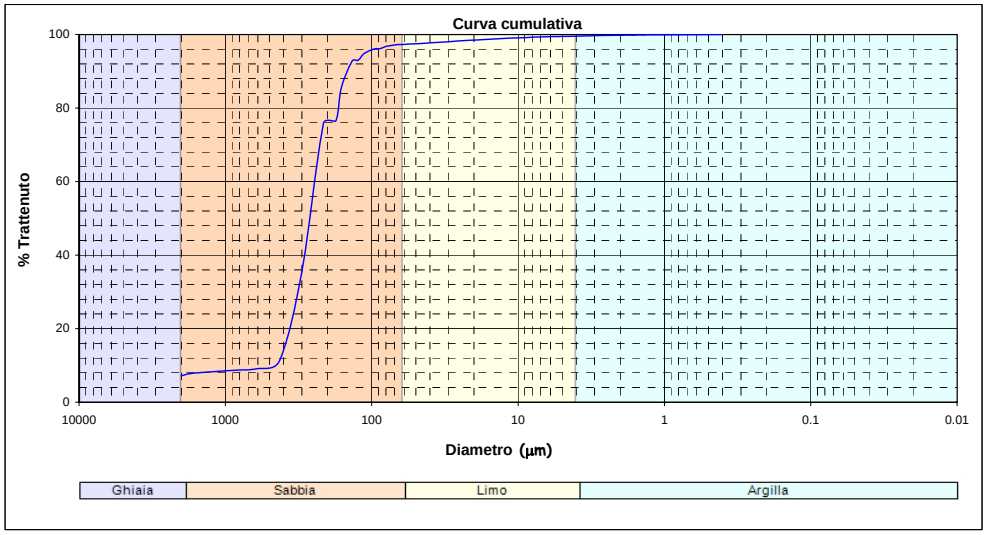
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	7.20%	7.20%
2000	-1	0.65%	7.85%
1414.21	-0.5		
1414.21	-0.5	0.45%	8.30%
1000	0		
1000	0	0.41%	8.72%
707.11	0.5		
707.11	0.5	0.43%	9.14%
500	1		
500	1	2.12%	11.27%
353.55	1.5		
353.55	1.5	23.78%	35.04%
250	2		
250	2	40.82%	75.86%
176.78	2.5		
176.78	2.5	0.58%	76.44%
175	2.515		
175	2.515	9.15%	85.59%
147	2.766		
147	2.766	7.19%	92.78%
125	3		
125	3	0.18%	92.96%
123	3.023		
123	3.023	1.80%	94.76%
103	3.279		
103	3.279	1.33%	96.09%
88.39	3.5		
88.39	3.5	0.06%	96.14%
87	3.523		
87	3.523	0.60%	96.74%
73	3.776		
73	3.776	0.49%	97.23%
62.5	4		
62.5	4	0.01%	97.24%
61	4.035		
61	4.035	0.13%	97.37%
51	4.293		
51	4.293	0.16%	97.53%
43	4.54		
43	4.54	0.19%	97.72%
36	4.796		
36	4.796	0.21%	97.93%
30	5.059		
30	5.059	0.21%	98.14%
25	5.322		
25	5.322	0.19%	98.33%
21	5.573		
21	5.573	0.16%	98.49%
18	5.796		
18	5.796	0.18%	98.67%
15	6.059		
15	6.059	0.17%	98.84%
12.5	6.322		
12.5	6.322	0.14%	98.98%
10.5	6.573		
10.5	6.573	0.11%	99.09%
9	6.796		
9	6.796	0.12%	99.21%
7.5	7.059		
7.5	7.059	0.13%	99.33%
6	7.381		
6	7.381	0.09%	99.43%
5	7.644		
5	7.644	0.07%	99.49%
4.3	7.861		
4.3	7.861	0.03%	99.52%
4	7.966		
4	7.966	0.03%	99.55%
3.7	8.078		
3.7	8.078	0.07%	99.62%
3.1	8.334		
3.1	8.334	0.06%	99.68%
2.6	8.587		
2.6	8.587	0.05%	99.73%
2.2	8.828		
2.2	8.828	0.05%	99.79%
1.8	9.118		
1.8	9.118	0.04%	99.83%
1.5	9.381		
1.5	9.381	0.03%	99.86%
1.3	9.587		
1.3	9.587	0.03%	99.89%
1.1	9.828		
1.1	9.828	0.03%	99.93%
0.9	10.118		
< 0,900	> 10,118	0.07%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 11
Livello (cm)	(0-25)
Peso totale (g)	23.8
Frazione > 63 μm (%)	43.2
Frazione < 63 μm (%)	56.8

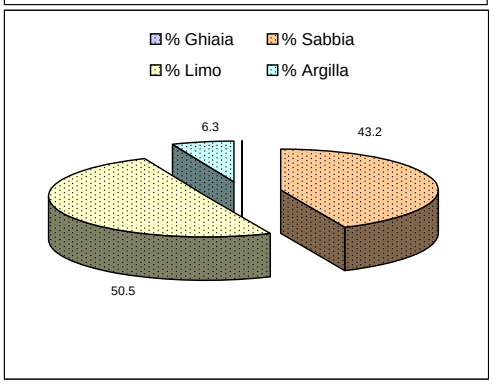
Frazione grossolana (> 63 μm) = 43.2	
% Ghiaia	% Sabbia
0.0	43.2

Frazione pelitica (< 63 μm) = 56.8	
% Limo	% Argilla
50.5	6.3

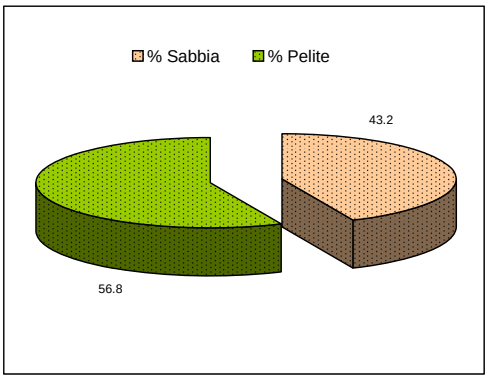
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.333
Deviazione Standard	2.231
Asimmetria (Skewness)	0.006
Appuntimento (Kurtosis)	1.156
Mediana (Φ)	4.376
Moda (Φ)	4.000

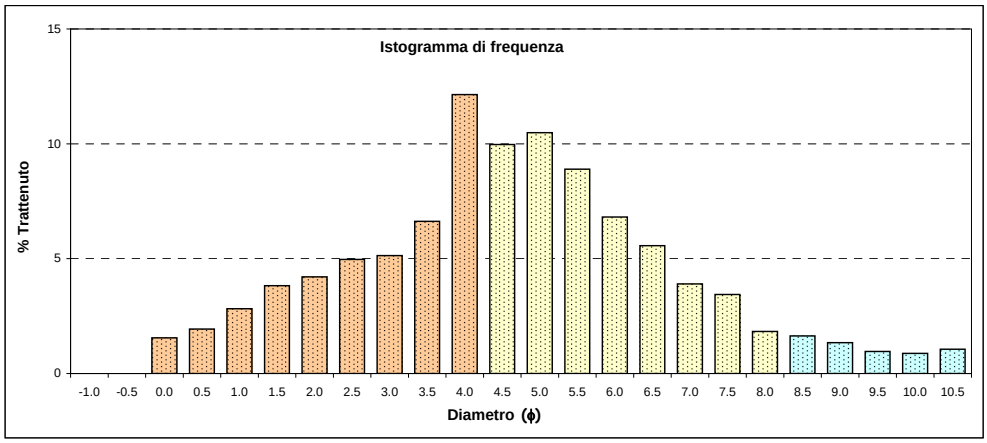
Percentili (Φ)	
5	0.746
16	2.148
25	3.042
50	4.376
75	5.734
84	6.473
95	8.335

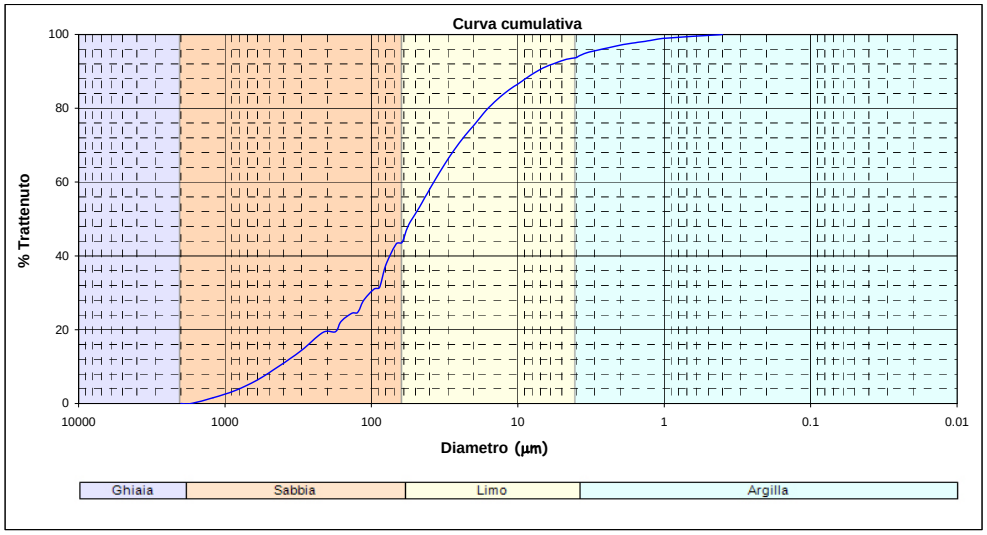
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	1.56%	1.56%
1000	0		
1000	0	1.94%	3.49%
707.11	0.5		
707.11	0.5	2.82%	6.31%
500	1		
500	1	3.83%	10.14%
353.55	1.5		
353.55	1.5	4.21%	14.35%
250	2		
250	2	4.96%	19.31%
176.78	2.5		
176.78	2.5	0.18%	19.49%
175	2.515		
175	2.515	2.78%	22.26%
147	2.766		
147	2.766	2.18%	24.45%
125	3		
125	3	0.29%	24.74%
123	3.023		
123	3.023	3.24%	27.97%
103	3.279		
103	3.279	3.10%	31.07%
88.39	3.5		
88.39	3.5	0.45%	31.52%
87	3.523		
87	3.523	5.86%	37.39%
73	3.776		
73	3.776	5.83%	43.22%
62.5	4		
62.5	4	0.44%	43.66%
61	4.035		
61	4.035	4.58%	48.24%
51	4.293		
51	4.293	4.94%	53.18%
43	4.54		
43	4.54	5.29%	58.48%
36	4.796		
36	4.796	5.19%	63.67%
30	5.059		
30	5.059	4.77%	68.44%
25	5.322		
25	5.322	4.13%	72.57%
21	5.573		
21	5.573	3.30%	75.87%
18	5.796		
18	5.796	3.51%	79.38%
15	6.059		
15	6.059	3.06%	82.44%
12.5	6.322		
12.5	6.322	2.51%	84.95%
10.5	6.573		
10.5	6.573	1.92%	86.87%
9	6.796		
9	6.796	1.98%	88.85%
7.5	7.059		
7.5	7.059	2.05%	90.90%
6	7.381		
6	7.381	1.39%	92.29%
5	7.644		
5	7.644	0.98%	93.27%
4.3	7.861		
4.3	7.861	0.42%	93.70%
4	7.966		
4	7.966	0.42%	94.12%
3.7	8.078		
3.7	8.078	0.87%	95.00%
3.1	8.334		
3.1	8.334	0.76%	95.76%
2.6	8.587		
2.6	8.587	0.65%	96.40%
2.2	8.828		
2.2	8.828	0.70%	97.10%
1.8	9.118		
1.8	9.118	0.56%	97.66%
1.5	9.381		
1.5	9.381	0.40%	98.06%
1.3	9.587		
1.3	9.587	0.43%	98.49%
1.1	9.828		
1.1	9.828	0.45%	98.94%
0.9	10.118		
< 0,900	> 10,118	1.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 11
Livello (cm)	(25-50)
Peso totale (g)	22.5
Frazione > 63 μm (%)	41.8
Frazione < 63 μm (%)	58.2

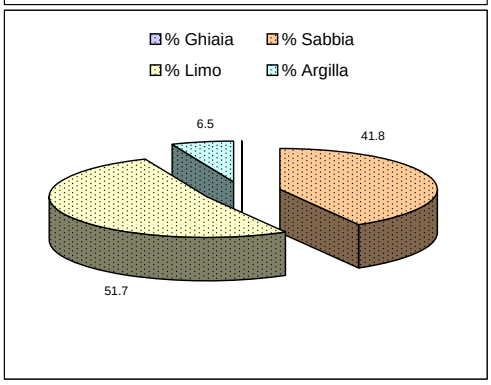
Frazione grossolana (> 63 μm) = 41.8	
% Ghiaia	% Sabbia
0.0	41.8

Frazione pelitica (< 63 μm) = 58.2	
% Limo	% Argilla
51.7	6.5

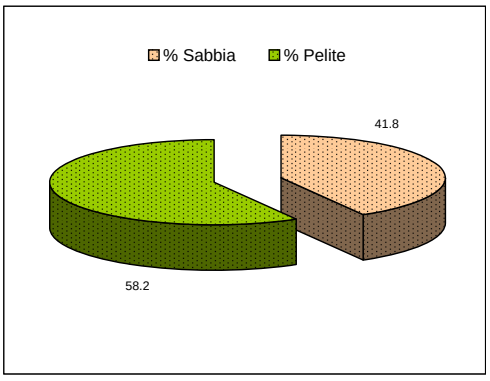
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.382
Deviazione Standard	2.328
Asimmetria (Skewness)	-0.042
Appuntimento (Kurtosis)	1.262
Mediana (Φ)	4.450
Moda (Φ)	4.000

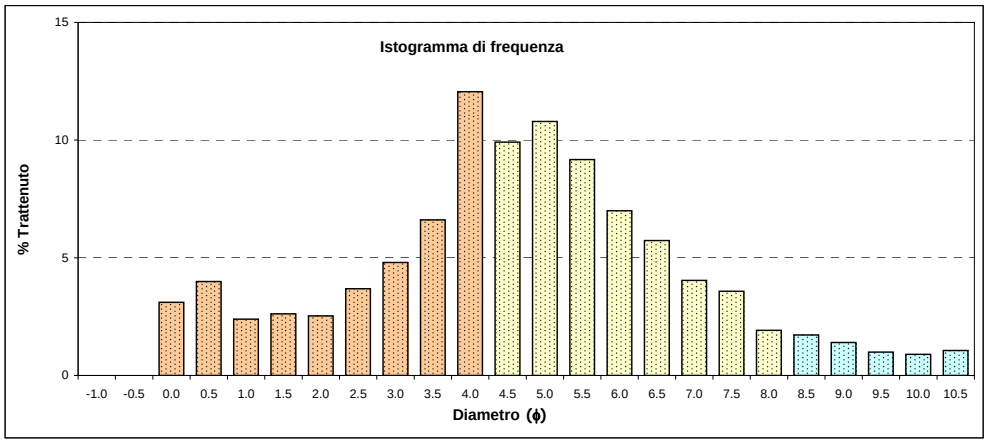
Percentili (Φ)	
5	0.216
16	2.164
25	3.140
50	4.450
75	5.791
84	6.531
95	8.377

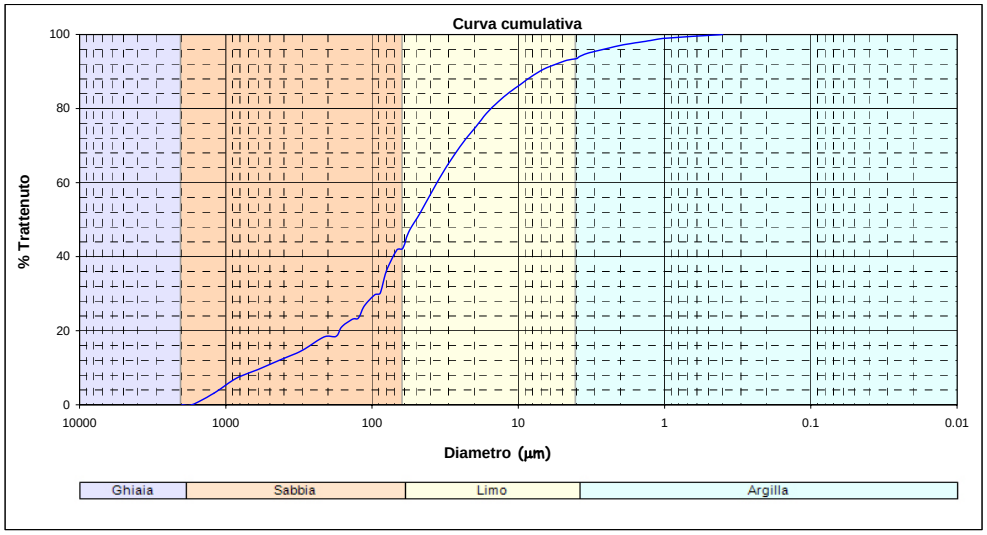
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	3.11%	3.11%
1000	0		
1000	0	3.99%	7.10%
707.11	0.5		
707.11	0.5	2.40%	9.50%
500	1		
500	1	2.62%	12.12%
353.55	1.5		
353.55	1.5	2.53%	14.65%
250	2		
250	2	3.68%	18.33%
176.78	2.5		
176.78	2.5	0.16%	18.49%
175	2.515		
175	2.515	2.54%	21.04%
147	2.766		
147	2.766	2.09%	23.13%
125	3		
125	3	0.29%	23.42%
123	3.023		
123	3.023	3.29%	26.71%
103	3.279		
103	3.279	3.03%	29.74%
88.39	3.5		
88.39	3.5	0.46%	30.20%
87	3.523		
87	3.523	5.83%	36.03%
73	3.776		
73	3.776	5.76%	41.80%
62.5	4		
62.5	4	0.42%	42.22%
61	4.035		
61	4.035	4.51%	46.73%
51	4.293		
51	4.293	4.98%	51.71%
43	4.54		
43	4.54	5.43%	57.14%
36	4.796		
36	4.796	5.36%	62.50%
30	5.059		
30	5.059	4.93%	67.43%
25	5.322		
25	5.322	4.25%	71.68%
21	5.573		
21	5.573	3.40%	75.07%
18	5.796		
18	5.796	3.60%	78.68%
15	6.059		
15	6.059	3.14%	81.82%
12.5	6.322		
12.5	6.322	2.59%	84.41%
10.5	6.573		
10.5	6.573	1.98%	86.39%
9	6.796		
9	6.796	2.05%	88.44%
7.5	7.059		
7.5	7.059	2.13%	90.57%
6	7.381		
6	7.381	1.45%	92.02%
5	7.644		
5	7.644	1.03%	93.04%
4.3	7.861		
4.3	7.861	0.45%	93.49%
4	7.966		
4	7.966	0.45%	93.94%
3.7	8.078		
3.7	8.078	0.92%	94.85%
3.1	8.334		
3.1	8.334	0.80%	95.65%
2.6	8.587		
2.6	8.587	0.68%	96.33%
2.2	8.828		
2.2	8.828	0.72%	97.06%
1.8	9.118		
1.8	9.118	0.58%	97.64%
1.5	9.381		
1.5	9.381	0.41%	98.05%
1.3	9.587		
1.3	9.587	0.43%	98.48%
1.1	9.828		
1.1	9.828	0.46%	98.94%
0.9	10.118		
< 0,900	> 10,118	1.06%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 11**
Livello (cm)	**(50-75)**
Peso totale (g)	57.1
Frazione > 63 μm (%)	29.0
Frazione < 63 μm (%)	71.0

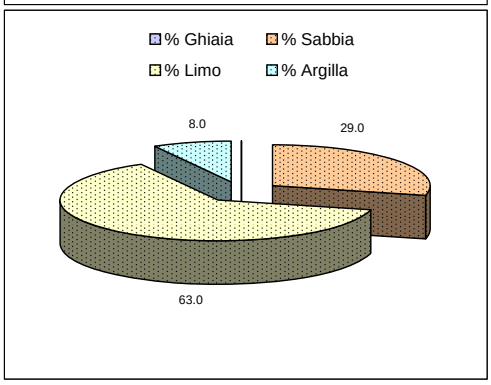
Frazione grossolana (> 63 μm) =	**29.0**
% Ghiaia	**% Sabbia**
0.0	**29.0**

Frazione pelitica (< 63 μm) =	**71.0**
% Limo	**% Argilla**
63.0	**8.0**

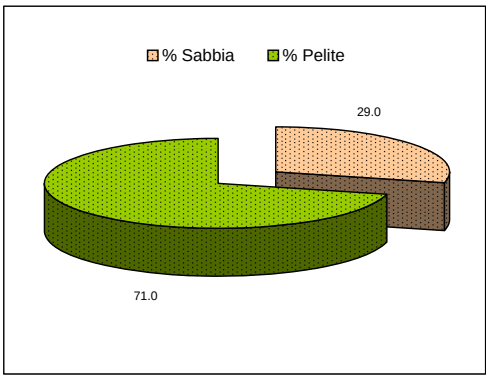
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.128
Deviazione Standard	1.901
Asimmetria (Skewness)	0.058
Appuntimento (Kurtosis)	1.173
Mediana (Φ)	5.068
Moda (Φ)	5.500

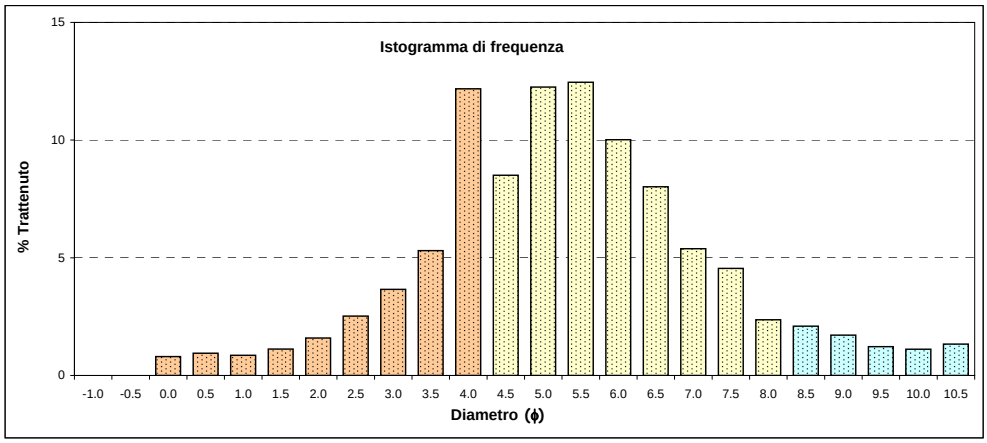
Percentili (Φ)	
5	1.884
16	3.419
25	3.839
50	5.068
75	6.219
84	6.897
95	8.693

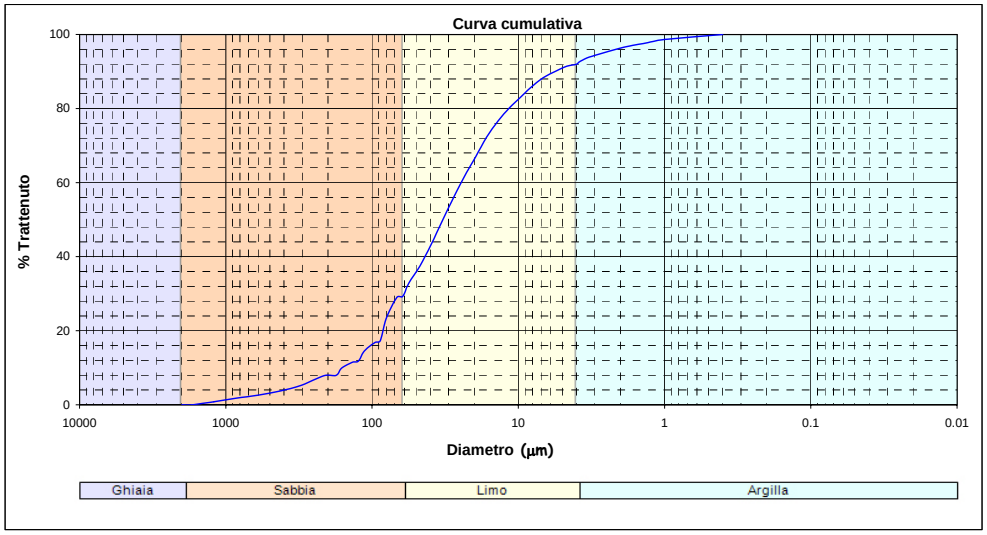
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.81%	0.81%
1000	0		
1000	0	0.95%	1.75%
707.11	0.5		
707.11	0.5	0.86%	2.61%
500	1		
500	1	1.12%	3.73%
353.55	1.5		
353.55	1.5	1.59%	5.32%
250	2		
250	2	2.52%	7.84%
176.78	2.5		
176.78	2.5	0.13%	7.97%
175	2.515		
175	2.515	1.98%	9.95%
147	2.766		
147	2.766	1.55%	11.50%
125	3		
125	3	0.27%	11.78%
123	3.023		
123	3.023	2.74%	14.51%
103	3.279		
103	3.279	2.29%	16.81%
88.39	3.5		
88.39	3.5	0.52%	17.32%
87	3.523		
87	3.523	6.00%	23.32%
73	3.776		
73	3.776	5.66%	28.98%
62.5	4		
62.5	4	0.28%	29.27%
61	4.035		
61	4.035	3.60%	32.86%
51	4.293		
51	4.293	4.63%	37.49%
43	4.54		
43	4.54	5.79%	43.28%
36	4.796		
36	4.796	6.46%	49.74%
30	5.059		
30	5.059	6.51%	56.25%
25	5.322		
25	5.322	5.94%	62.20%
21	5.573		
21	5.573	4.86%	67.05%
18	5.796		
18	5.796	5.16%	72.21%
15	6.059		
15	6.059	4.44%	76.65%
12.5	6.322		
12.5	6.322	3.58%	80.22%
10.5	6.573		
10.5	6.573	2.68%	82.91%
9	6.796		
9	6.796	2.70%	85.61%
7.5	7.059		
7.5	7.059	2.73%	88.34%
6	7.381		
6	7.381	1.82%	90.16%
5	7.644		
5	7.644	1.27%	91.43%
4.3	7.861		
4.3	7.861	0.55%	91.98%
4	7.966		
4	7.966	0.55%	92.53%
3.7	8.078		
3.7	8.078	1.12%	93.65%
3.1	8.334		
3.1	8.334	0.97%	94.62%
2.6	8.587		
2.6	8.587	0.83%	95.44%
2.2	8.828		
2.2	8.828	0.89%	96.33%
1.8	9.118		
1.8	9.118	0.72%	97.05%
1.5	9.381		
1.5	9.381	0.51%	97.55%
1.3	9.587		
1.3	9.587	0.54%	98.09%
1.1	9.828		
1.1	9.828	0.57%	98.67%
0.9	10.118		
< 0,900	> 10,118	1.33%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 11
Livello (cm)	(75-100)
Peso totale (g)	35.0
Frazione > 63 μm (%)	24.5
Frazione < 63 μm (%)	75.5

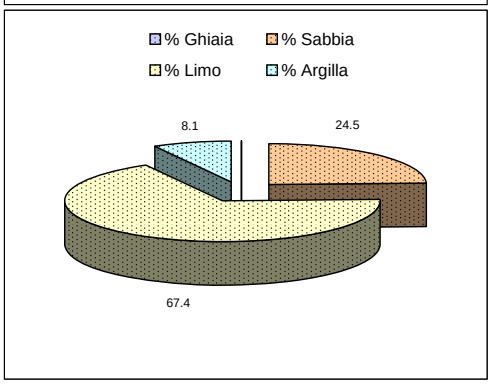
Frazione grossolana (> 63 μm) = 24.5	
% Ghiaia	% Sabbia
0.0	24.5

Frazione pelitica (< 63 μm) = 75.5	
% Limo	% Argilla
67.4	8.1

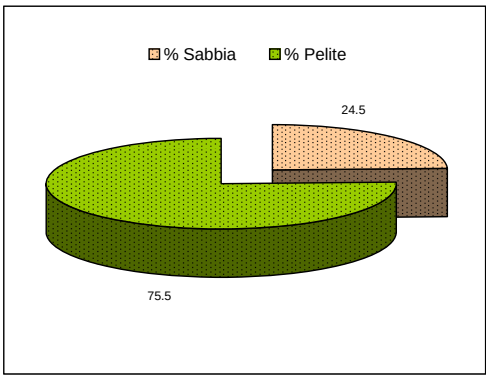
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.213
Deviazione Standard	1.822
Asimmetria (Skewness)	0.075
Appuntimento (Kurtosis)	1.222
Mediana (Φ)	5.154
Moda (Φ)	5.500

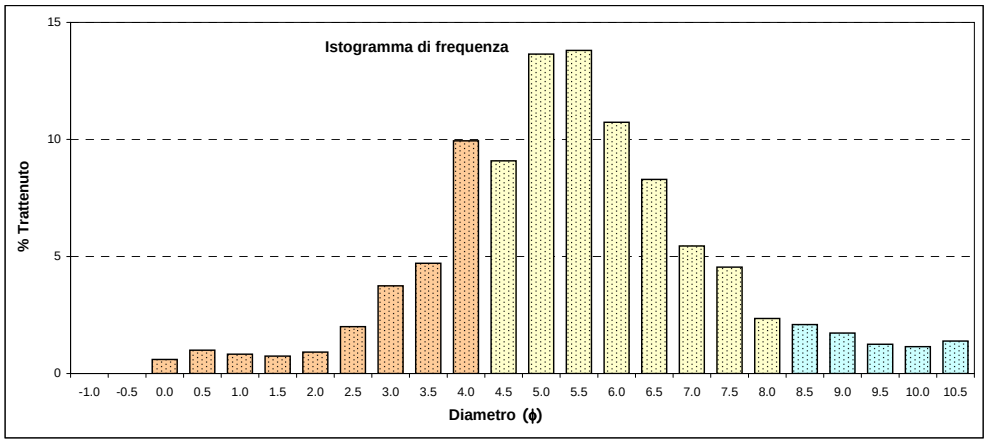
Percentili (Φ)	
5	2.207
16	3.576
25	4.050
50	5.154
75	6.238
84	6.908
95	8.732

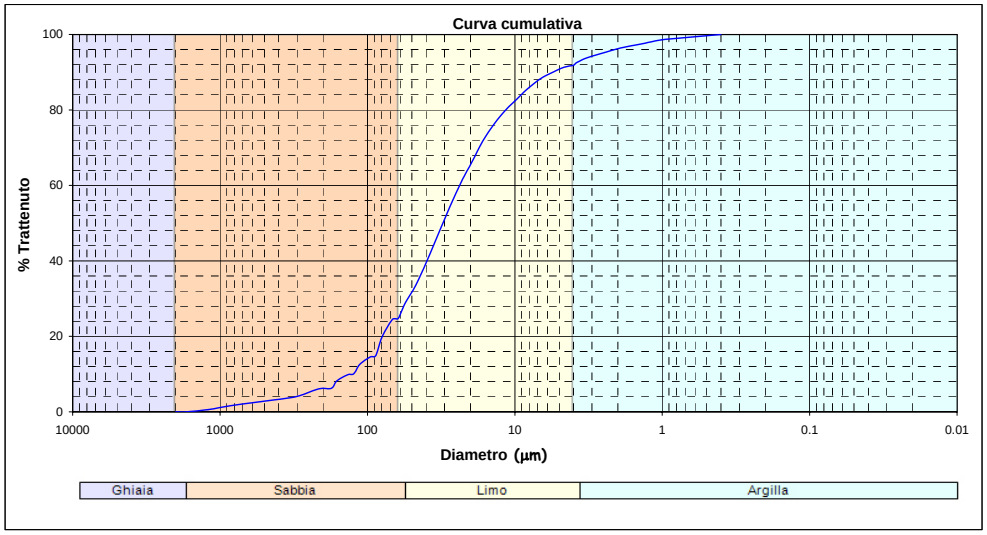
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.60%	0.60%
1000	0		
1000	0	1.00%	1.60%
707.11	0.5		
707.11	0.5	0.83%	2.43%
500	1		
500	1	0.74%	3.17%
353.55	1.5		
353.55	1.5	0.92%	4.09%
250	2		
250	2	2.00%	6.09%
176.78	2.5		
176.78	2.5	0.13%	6.22%
175	2.515		
175	2.515	2.02%	8.24%
147	2.766		
147	2.766	1.59%	9.83%
125	3		
125	3	0.25%	10.08%
123	3.023		
123	3.023	2.47%	12.55%
103	3.279		
103	3.279	2.00%	14.54%
88.39	3.5		
88.39	3.5	0.39%	14.94%
87	3.523		
87	3.523	4.75%	19.69%
73	3.776		
73	3.776	4.80%	24.49%
62.5	4		
62.5	4	0.28%	24.77%
61	4.035		
61	4.035	3.78%	28.54%
51	4.293		
51	4.293	5.03%	33.57%
43	4.54		
43	4.54	6.42%	39.99%
36	4.796		
36	4.796	7.23%	47.22%
30	5.059		
30	5.059	7.26%	54.48%
25	5.322		
25	5.322	6.55%	61.02%
21	5.573		
21	5.573	5.26%	66.28%
18	5.796		
18	5.796	5.48%	71.76%
15	6.059		
15	6.059	4.62%	76.38%
12.5	6.322		
12.5	6.322	3.67%	80.05%
10.5	6.573		
10.5	6.573	2.73%	82.78%
9	6.796		
9	6.796	2.72%	85.50%
7.5	7.059		
7.5	7.059	2.73%	88.23%
6	7.381		
6	7.381	1.81%	90.04%
5	7.644		
5	7.644	1.26%	91.31%
4.3	7.861		
4.3	7.861	0.54%	91.85%
4	7.966		
4	7.966	0.54%	92.39%
3.7	8.078		
3.7	8.078	1.12%	93.51%
3.1	8.334		
3.1	8.334	0.98%	94.48%
2.6	8.587		
2.6	8.587	0.83%	95.32%
2.2	8.828		
2.2	8.828	0.90%	96.21%
1.8	9.118		
1.8	9.118	0.73%	96.94%
1.5	9.381		
1.5	9.381	0.52%	97.46%
1.3	9.587		
1.3	9.587	0.56%	98.02%
1.1	9.828		
1.1	9.828	0.59%	98.61%
0.9	10.118		
< 0,900	> 10,118	1.39%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 12**
Livello (cm)	**(0-25)**
Peso totale (g)	30.4
Frazione > 63 μm (%)	17.1
Frazione < 63 μm (%)	82.9

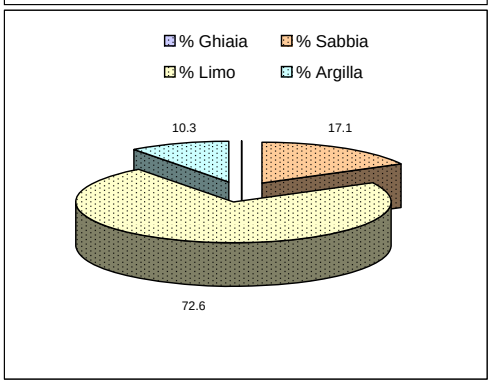
Frazione grossolana (> 63 μm) =	**17.1**
% Ghiaia	**% Sabbia**
0.0	**17.1**

Frazione pelitica (< 63 μm) =	**82.9**
% Limo	**% Argilla**
72.6	**10.3**

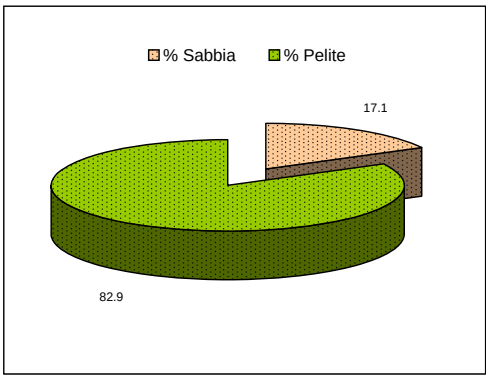
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.576
Deviazione Standard	1.711
Asimmetria (Skewness)	0.131
Appuntimento (Kurtosis)	1.177
Mediana (Φ)	5.519
Moda (Φ)	5.500

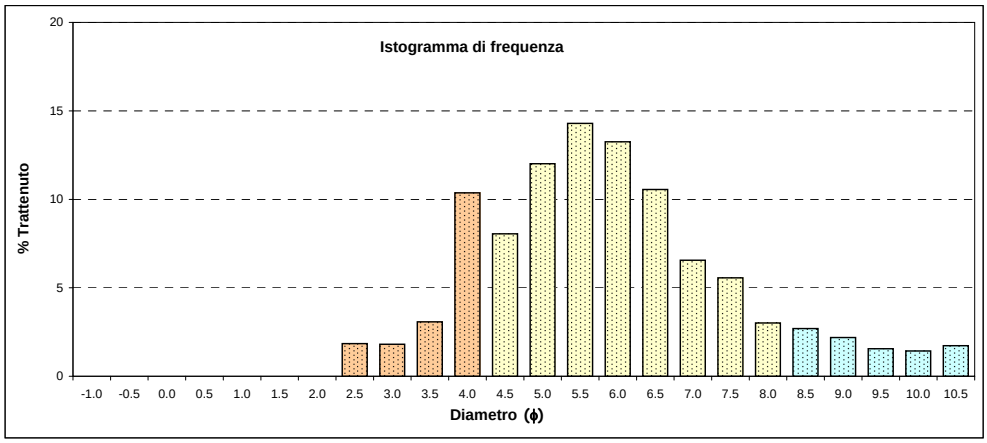
Percentili (Φ)	
5	3.219
16	3.947
25	4.531
50	5.519
75	6.558
84	7.263
95	9.040

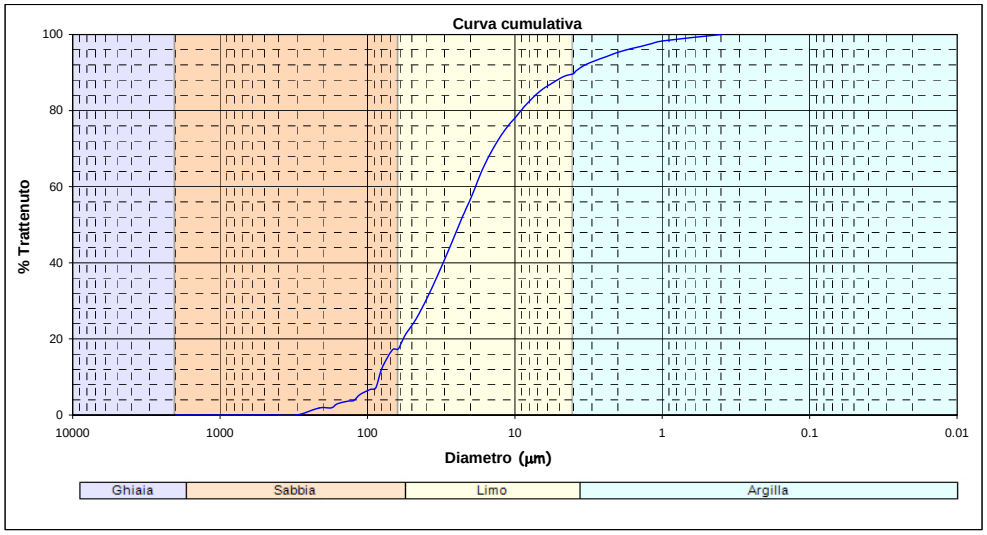
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.84%	1.84%
176.78	2.5		
176.78	2.5	0.06%	1.91%
175	2.515		
175	2.515	0.98%	2.89%
147	2.766		
147	2.766	0.77%	3.66%
125	3		
125	3	0.15%	3.81%
123	3.023		
123	3.023	1.53%	5.34%
103	3.279		
103	3.279	1.39%	6.73%
88.39	3.5		
88.39	3.5	0.42%	7.15%
87	3.523		
87	3.523	5.04%	12.19%
73	3.776		
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62.5	4		
62.5	4	0.27%	17.37%
61	4.035		
61	4.035	3.42%	20.79%
51	4.293		
51	4.293	4.35%	25.14%
43	4.54		
43	4.54	5.52%	30.66%
36	4.796		
36	4.796	6.50%	37.16%
30	5.059		
30	5.059	7.13%	44.29%
25	5.322		
25	5.322	7.16%	51.46%
21	5.573		
21	5.573	6.30%	57.75%
18	5.796		
18	5.796	6.96%	64.71%
15	6.059		
15	6.059	5.94%	70.65%
12.5	6.322		
12.5	6.322	4.61%	75.26%
10.5	6.573		
10.5	6.573	3.31%	78.57%
9	6.796		
9	6.796	3.25%	81.82%
7.5	7.059		
7.5	7.059	3.30%	85.12%
6	7.381		
6	7.381	2.26%	87.38%
5	7.644		
5	7.644	1.61%	88.99%
4.3	7.861		
4.3	7.861	0.70%	89.69%
4	7.966		
4	7.966	0.70%	90.40%
3.7	8.078		
3.7	8.078	1.44%	91.84%
3.1	8.334		
3.1	8.334	1.25%	93.09%
2.6	8.587		
2.6	8.587	1.06%	94.15%
2.2	8.828		
2.2	8.828	1.13%	95.28%
1.8	9.118		
1.8	9.118	0.91%	96.20%
1.5	9.381		
1.5	9.381	0.65%	96.84%
1.3	9.587		
1.3	9.587	0.69%	97.53%
1.1	9.828		
1.1	9.828	0.74%	98.27%
0.9	10.118		
< 0,900	> 10,118	1.73%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 12**
Livello (cm)	**(25-50)**
Peso totale (g)	11.8
Frazione > 63 μm (%)	17.7
Frazione < 63 μm (%)	82.3

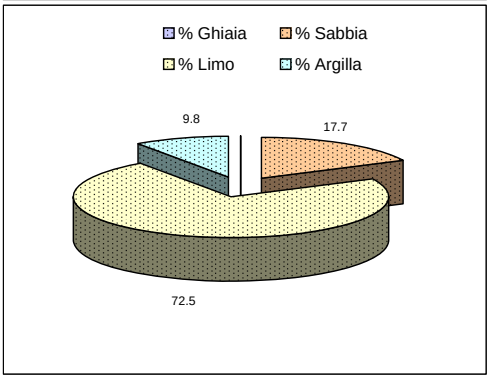
Frazione grossolana (> 63 μm) =	**17.7**
% Ghiaia	**% Sabbia**
0.0	**17.7**

Frazione pelitica (< 63 μm) =	**82.3**
% Limo	**% Argilla**
72.5	**9.8**

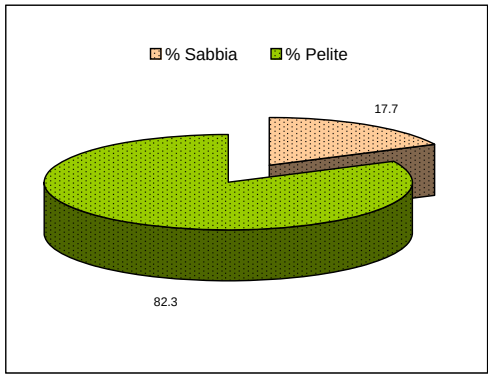
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.497
Deviazione Standard	1.664
Asimmetria (Skewness)	0.204
Appuntimento (Kurtosis)	1.082
Mediana (Φ)	5.355
Moda (Φ)	5.000

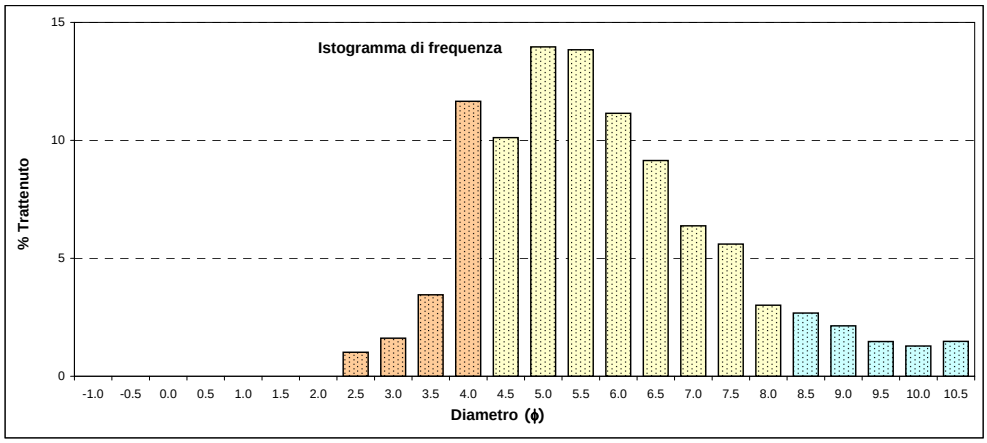
Percentili (Φ)	
5	3.350
16	3.926
25	4.405
50	5.355
75	6.511
84	7.211
95	8.909

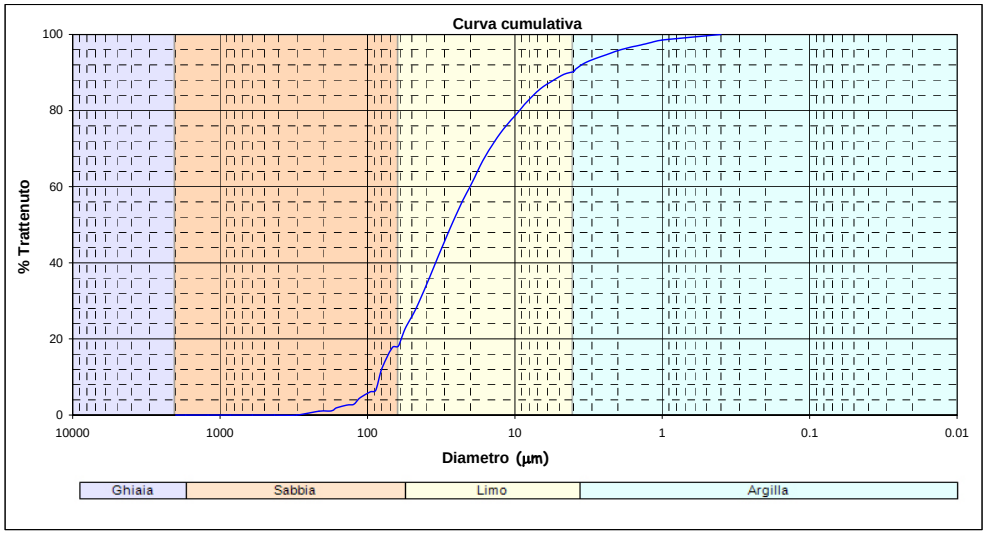
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.02%	1.02%
176.78	2.5		
176.78	2.5	0.06%	1.08%
175	2.515		
175	2.515	0.87%	1.95%
147	2.766		
147	2.766	0.69%	2.63%
125	3		
125	3	0.16%	2.80%
123	3.023		
123	3.023	1.65%	4.45%
103	3.279		
103	3.279	1.64%	6.09%
88.39	3.5		
88.39	3.5	0.46%	6.55%
87	3.523		
87	3.523	5.61%	12.16%
73	3.776		
73	3.776	5.59%	17.75%
62.5	4		
62.5	4	0.35%	18.10%
61	4.035		
61	4.035	4.33%	22.43%
51	4.293		
51	4.293	5.44%	27.86%
43	4.54		
43	4.54	6.66%	34.52%
36	4.796		
36	4.796	7.30%	41.82%
30	5.059		
30	5.059	7.26%	49.08%
25	5.322		
25	5.322	6.58%	55.66%
21	5.573		
21	5.573	5.39%	61.05%
18	5.796		
18	5.796	5.76%	66.81%
15	6.059		
15	6.059	5.02%	71.84%
12.5	6.322		
12.5	6.322	4.12%	75.95%
10.5	6.573		
10.5	6.573	3.15%	79.10%
9	6.796		
9	6.796	3.23%	82.33%
7.5	7.059		
7.5	7.059	3.34%	85.67%
6	7.381		
6	7.381	2.27%	87.94%
5	7.644		
5	7.644	1.61%	89.55%
4.3	7.861		
4.3	7.861	0.70%	90.25%
4	7.966		
4	7.966	0.70%	90.95%
3.7	8.078		
3.7	8.078	1.44%	92.39%
3.1	8.334		
3.1	8.334	1.24%	93.63%
2.6	8.587		
2.6	8.587	1.04%	94.67%
2.2	8.828		
2.2	8.828	1.10%	95.77%
1.8	9.118		
1.8	9.118	0.87%	96.63%
1.5	9.381		
1.5	9.381	0.60%	97.24%
1.3	9.587		
1.3	9.587	0.63%	97.87%
1.1	9.828		
1.1	9.828	0.66%	98.52%
0.9	10.118		
< 0,900	> 10,118	1.48%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 12
Livello (cm)	(50-75)
Peso totale (g)	39.4
Frazione > 63 μm (%)	55.0
Frazione < 63 μm (%)	45.0

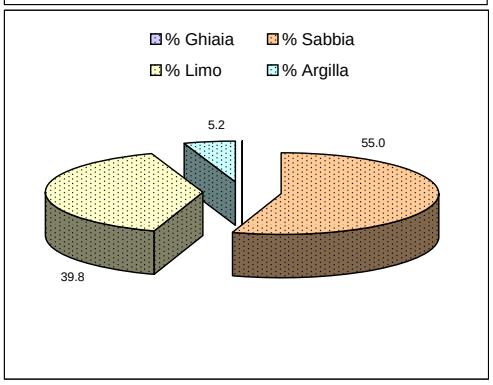
Frazione grossolana (> 63 μm) = 55.0	
% Ghiaia	% Sabbia
0.0	55.0

Frazione pelitica (< 63 μm) = 45.0	
% Limo	% Argilla
39.8	5.2

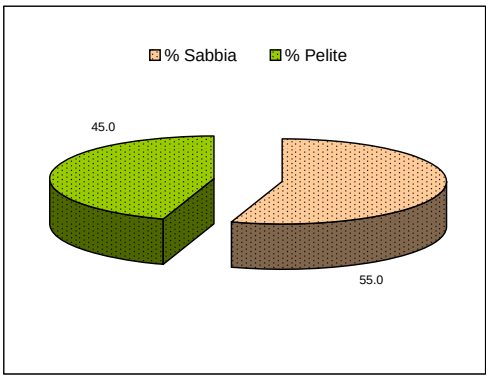
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.038
Deviazione Standard	1.973
Asimmetria (Skewness)	0.240
Appuntimento (Kurtosis)	0.963
Mediana (Φ)	3.801
Moda (Φ)	4.000

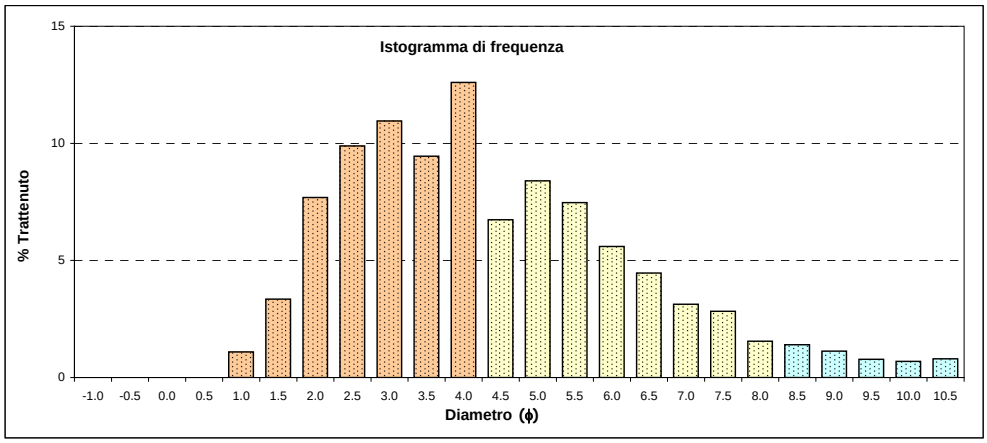
Percentili (Φ)	
5	1.531
16	2.176
25	2.620
50	3.801
75	5.379
84	6.137
95	8.015

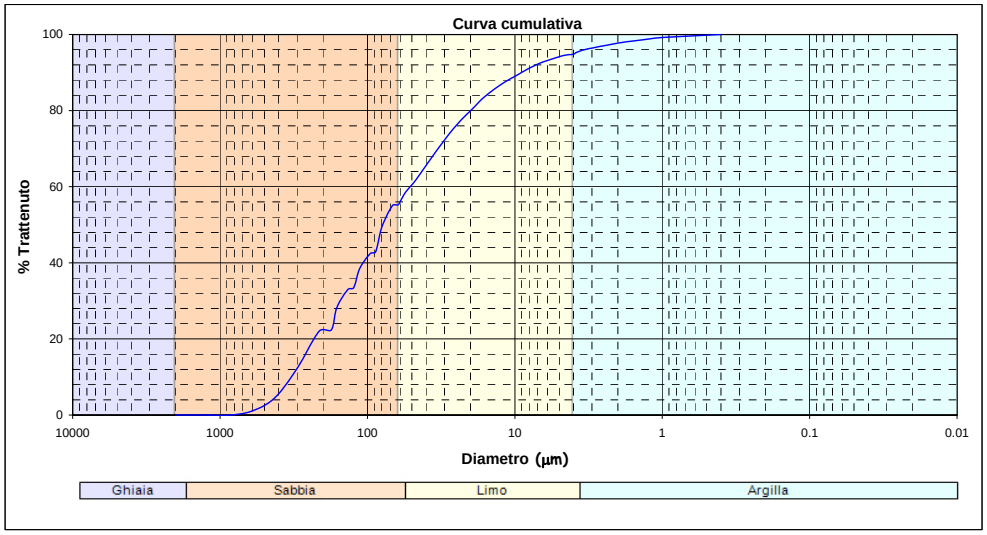
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.09%	1.09%
500	1		
500	1	3.35%	4.44%
353.55	1.5		
353.55	1.5	7.68%	12.12%
250	2		
250	2	9.89%	22.01%
176.78	2.5		
176.78	2.5	0.38%	22.39%
175	2.515		
175	2.515	5.92%	28.31%
147	2.766		
147	2.766	4.65%	32.97%
125	3		
125	3	0.50%	33.47%
123	3.023		
123	3.023	5.00%	38.47%
103	3.279		
103	3.279	3.95%	42.42%
88.39	3.5		
88.39	3.5	0.56%	42.98%
87	3.523		
87	3.523	6.33%	49.31%
73	3.776		
73	3.776	5.71%	55.02%
62.5	4		
62.5	4	0.24%	55.27%
61	4.035		
61	4.035	2.94%	58.21%
51	4.293		
51	4.293	3.55%	61.76%
43	4.54		
43	4.54	4.13%	65.89%
36	4.796		
36	4.796	4.27%	70.16%
30	5.059		
30	5.059	4.01%	74.16%
25	5.322		
25	5.322	3.46%	77.63%
21	5.573		
21	5.573	2.74%	80.36%
18	5.796		
18	5.796	2.86%	83.22%
15	6.059		
15	6.059	2.46%	85.68%
12.5	6.322		
12.5	6.322	2.00%	87.69%
10.5	6.573		
10.5	6.573	1.54%	89.22%
9	6.796		
9	6.796	1.60%	90.82%
7.5	7.059		
7.5	7.059	1.67%	92.49%
6	7.381		
6	7.381	1.16%	93.65%
5	7.644		
5	7.644	0.83%	94.47%
4.3	7.861		
4.3	7.861	0.36%	94.84%
4	7.966		
4	7.966	0.36%	95.20%
3.7	8.078		
3.7	8.078	0.75%	95.95%
3.1	8.334		
3.1	8.334	0.65%	96.60%
2.6	8.587		
2.6	8.587	0.55%	97.15%
2.2	8.828		
2.2	8.828	0.58%	97.73%
1.8	9.118		
1.8	9.118	0.46%	98.19%
1.5	9.381		
1.5	9.381	0.32%	98.51%
1.3	9.587		
1.3	9.587	0.34%	98.85%
1.1	9.828		
1.1	9.828	0.35%	99.20%
0.9	10.118		
< 0,900	> 10,118	0.80%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM12
Livello (cm)	(75-100)
Peso totale (g)	61.8
Frazione > 63 μm (%)	76.6
Frazione < 63 μm (%)	23.4

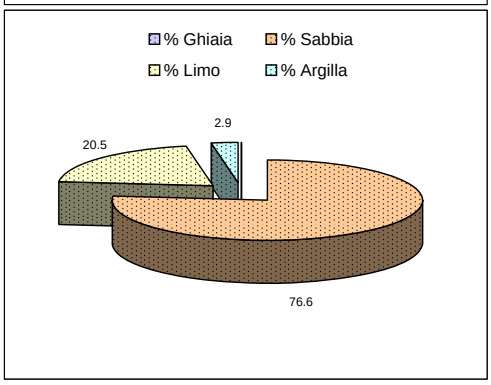
Frazione grossolana (> 63 μm) = 76.6	
% Ghiaia	% Sabbia
0.0	76.6

Frazione pelitica (< 63 μm) = 23.4	
% Limo	% Argilla
20.5	2.9

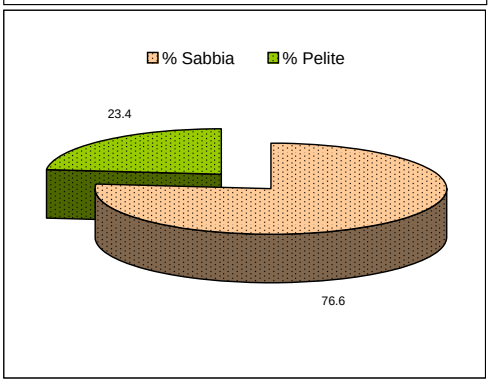
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.253
Deviazione Standard	1.731
Asimmetria (Skewness)	0.353
Appuntimento (Kurtosis)	1.337
Mediana (Φ)	2.923
Moda (Φ)	3.000

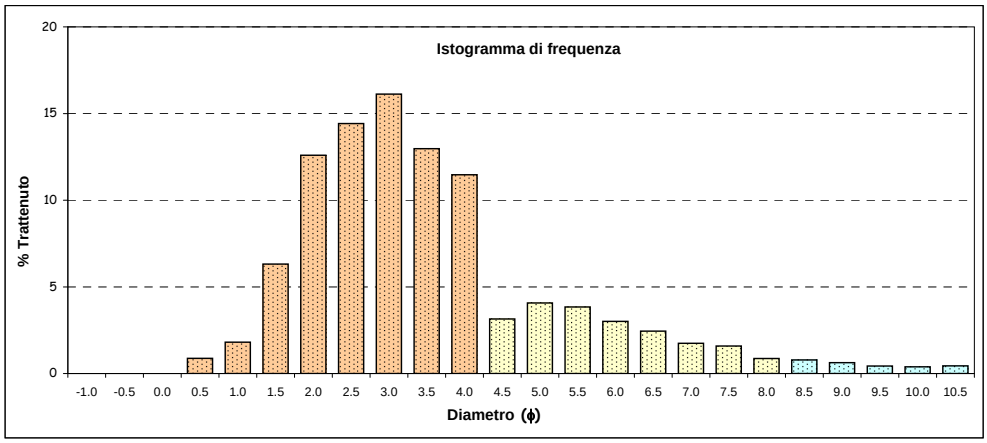
Percentili (Φ)	
5	1.164
16	1.756
25	2.103
50	2.923
75	3.924
84	5.081
95	7.103

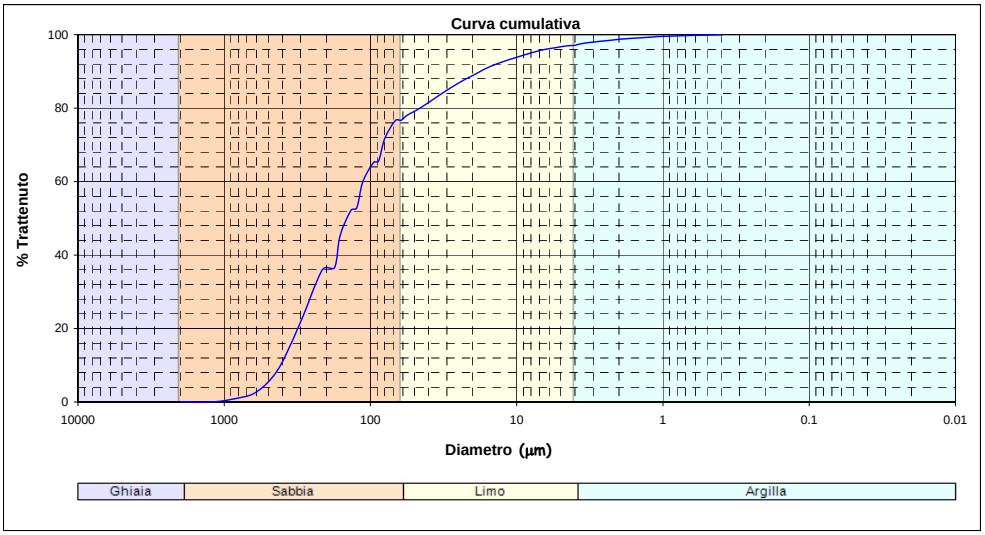
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.87%	0.87%
707.11	0.5		
707.11	0.5	1.81%	2.69%
500	1		
500	1	6.31%	9.00%
353.55	1.5		
353.55	1.5	12.60%	21.60%
250	2		
250	2	14.42%	36.02%
176.78	2.5		
176.78	2.5	0.55%	36.58%
175	2.515		
175	2.515	8.72%	45.30%
147	2.766		
147	2.766	6.85%	52.15%
125	3		
125	3	0.70%	52.85%
123	3.023		
123	3.023	7.01%	59.86%
103	3.279		
103	3.279	5.26%	65.12%
88.39	3.5		
88.39	3.5	0.56%	65.68%
87	3.523		
87	3.523	5.98%	71.66%
73	3.776		
73	3.776	4.93%	76.59%
62.5	4		
62.5	4	0.11%	76.70%
61	4.035		
61	4.035	1.37%	78.07%
51	4.293		
51	4.293	1.66%	79.74%
43	4.54		
43	4.54	1.97%	81.71%
36	4.796		
36	4.796	2.10%	83.81%
30	5.059		
30	5.059	2.03%	85.85%
25	5.322		
25	5.322	1.81%	87.66%
21	5.573		
21	5.573	1.46%	89.12%
18	5.796		
18	5.796	1.55%	90.66%
15	6.059		
15	6.059	1.35%	92.01%
12.5	6.322		
12.5	6.322	1.11%	93.11%
10.5	6.573		
10.5	6.573	0.85%	93.97%
9	6.796		
9	6.796	0.89%	94.86%
7.5	7.059		
7.5	7.059	0.94%	95.80%
6	7.381		
6	7.381	0.65%	96.44%
5	7.644		
5	7.644	0.47%	96.91%
4.3	7.861		
4.3	7.861	0.20%	97.11%
4	7.966		
4	7.966	0.20%	97.32%
3.7	8.078		
3.7	8.078	0.42%	97.74%
3.1	8.334		
3.1	8.334	0.36%	98.10%
2.6	8.587		
2.6	8.587	0.31%	98.41%
2.2	8.828		
2.2	8.828	0.32%	98.73%
1.8	9.118		
1.8	9.118	0.26%	98.99%
1.5	9.381		
1.5	9.381	0.18%	99.17%
1.3	9.587		
1.3	9.587	0.19%	99.36%
1.1	9.828		
1.1	9.828	0.20%	99.55%
0.9	10.118		
< 0,900	> 10,118	0.45%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM13
Livello (cm)	(0-25)
Peso totale (g)	29.6
Frazione > 63 μm (%)	73.3
Frazione < 63 μm (%)	26.7

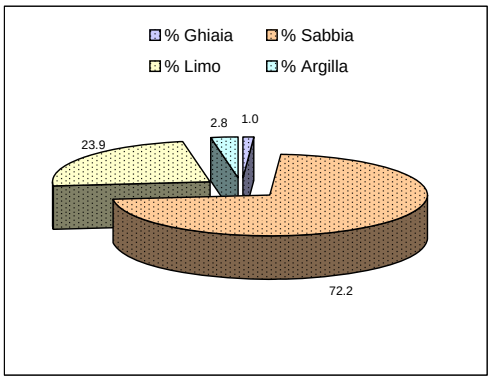
Frazione grossolana (> 63 μm) = 73.3	
% Ghiaia	% Sabbia
1.0	72.2

Frazione pelitica (< 63 μm) = 26.7	
% Limo	% Argilla
23.9	2.8

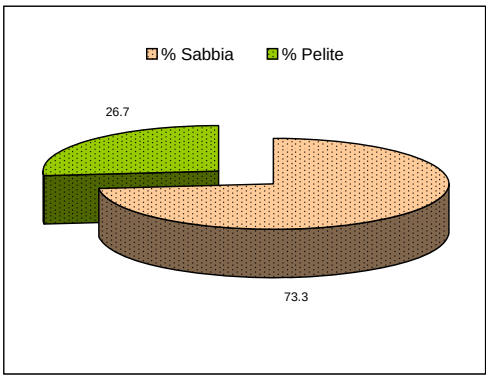
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.057
Deviazione Standard	1.951
Asimmetria (Skewness)	0.365
Appuntimento (Kurtosis)	1.052
Mediana (Φ)	2.584
Moda (Φ)	2.500

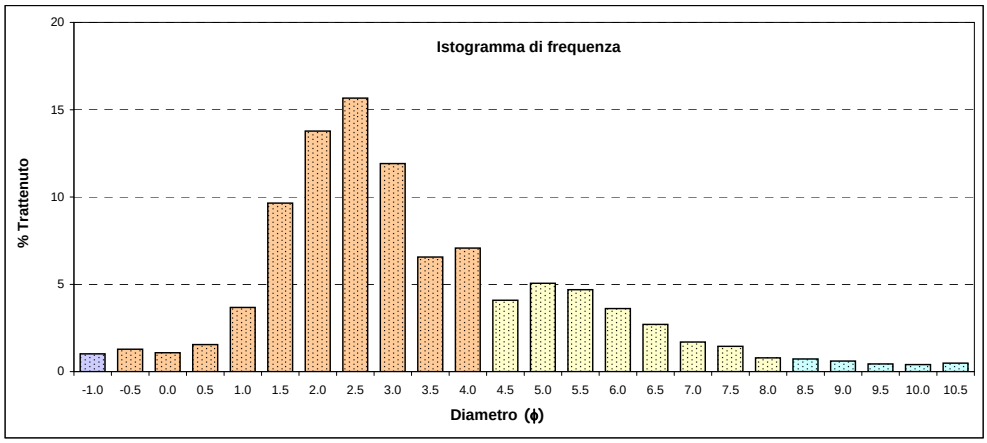
Percentili (Φ)	
5	0.508
16	1.366
25	1.723
50	2.584
75	4.261
84	5.222
95	7.020

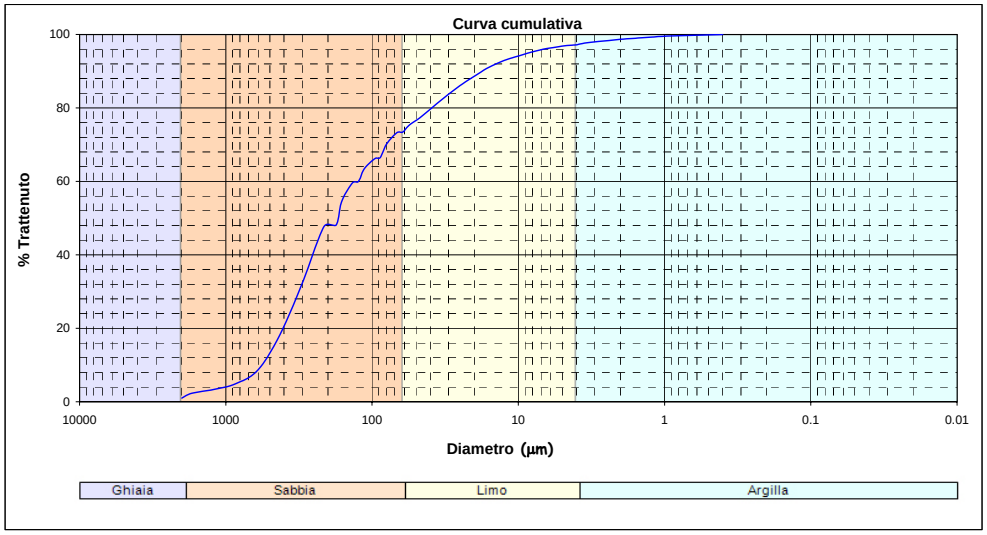
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	1.01%	1.01%
2000	-1	1.28%	2.30%
1414.21	-0.5		
1414.21	-0.5	1.08%	3.38%
1000	0		
1000	0	1.55%	4.93%
707.11	0.5		
707.11	0.5	3.68%	8.61%
500	1		
500	1	9.66%	18.26%
353.55	1.5		
353.55	1.5	13.77%	32.04%
250	2		
250	2	15.66%	47.70%
176.78	2.5		
176.78	2.5	0.41%	48.11%
175	2.515		
175	2.515	6.44%	54.56%
147	2.766		
147	2.766	5.06%	59.62%
125	3		
125	3	0.35%	59.97%
123	3.023		
123	3.023	3.49%	63.46%
103	3.279		
103	3.279	2.73%	66.19%
88.39	3.5		
88.39	3.5	0.31%	66.49%
87	3.523		
87	3.523	3.53%	70.02%
73	3.776		
73	3.776	3.24%	73.26%
62.5	4		
62.5	4	0.15%	73.41%
61	4.035		
61	4.035	1.80%	75.21%
51	4.293		
51	4.293	2.14%	77.34%
43	4.54		
43	4.54	2.48%	79.82%
36	4.796		
36	4.796	2.59%	82.41%
30	5.059		
30	5.059	2.49%	84.89%
25	5.322		
25	5.322	2.21%	87.10%
21	5.573		
21	5.573	1.77%	88.87%
18	5.796		
18	5.796	1.84%	90.71%
15	6.059		
15	6.059	1.53%	92.24%
12.5	6.322		
12.5	6.322	1.18%	93.42%
10.5	6.573		
10.5	6.573	0.85%	94.27%
9	6.796		
9	6.796	0.85%	95.11%
7.5	7.059		
7.5	7.059	0.86%	95.97%
6	7.381		
6	7.381	0.58%	96.56%
5	7.644		
5	7.644	0.42%	96.98%
4.3	7.861		
4.3	7.861	0.18%	97.16%
4	7.966		
4	7.966	0.18%	97.34%
3.7	8.078		
3.7	8.078	0.38%	97.73%
3.1	8.334		
3.1	8.334	0.34%	98.07%
2.6	8.587		
2.6	8.587	0.29%	98.36%
2.2	8.828		
2.2	8.828	0.32%	98.67%
1.8	9.118		
1.8	9.118	0.26%	98.93%
1.5	9.381		
1.5	9.381	0.18%	99.11%
1.3	9.587		
1.3	9.587	0.19%	99.31%
1.1	9.828		
1.1	9.828	0.21%	99.52%
0.9	10.118		
< 0,900	> 10,118	0.48%	100.00%

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Istituto Superiore per la Protezione e la Ricerca Ambientale

Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM13**
Livello (cm)	**(25-50)**
Peso totale (g)	119.0
Frazione > 63 μm (%)	92.9
Frazione < 63 μm (%)	7.1

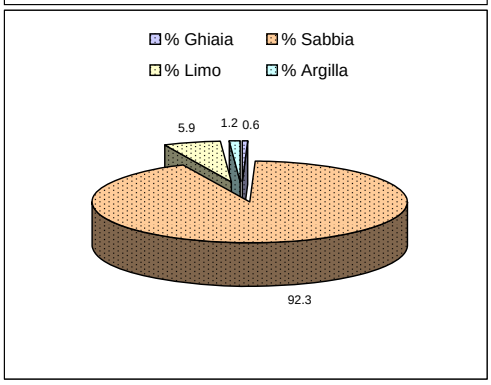
Frazione grossolana (> 63 μm) = 92.9	
% Ghiaia	**% Sabbia**
0.6	**92.3**

Frazione pelitica (< 63 μm) = 7.1	
% Limo	**% Argilla**
5.9	**1.2**

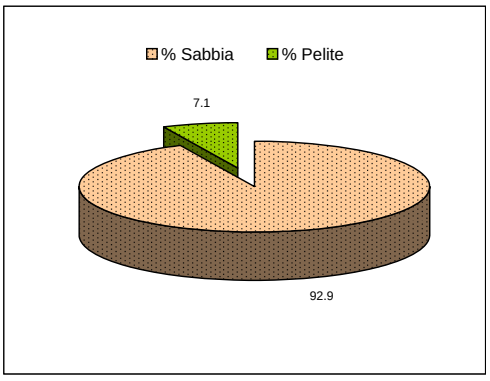
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.861
Deviazione Standard	1.068
Asimmetria (Skewness)	0.284
Appuntimento (Kurtosis)	1.754
Mediana (Φ)	1.801
Moda (Φ)	2.000

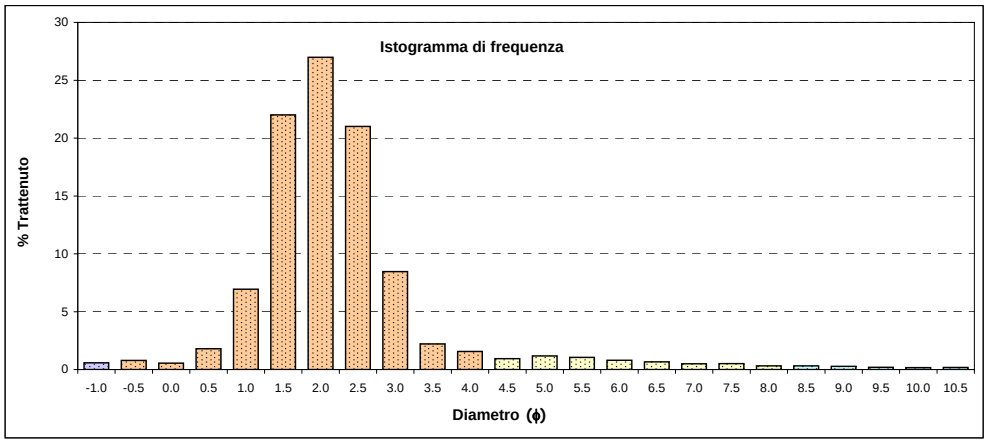
Percentili (Φ)	
5	0.580
16	1.106
25	1.306
50	1.801
75	2.347
84	2.677
95	5.039

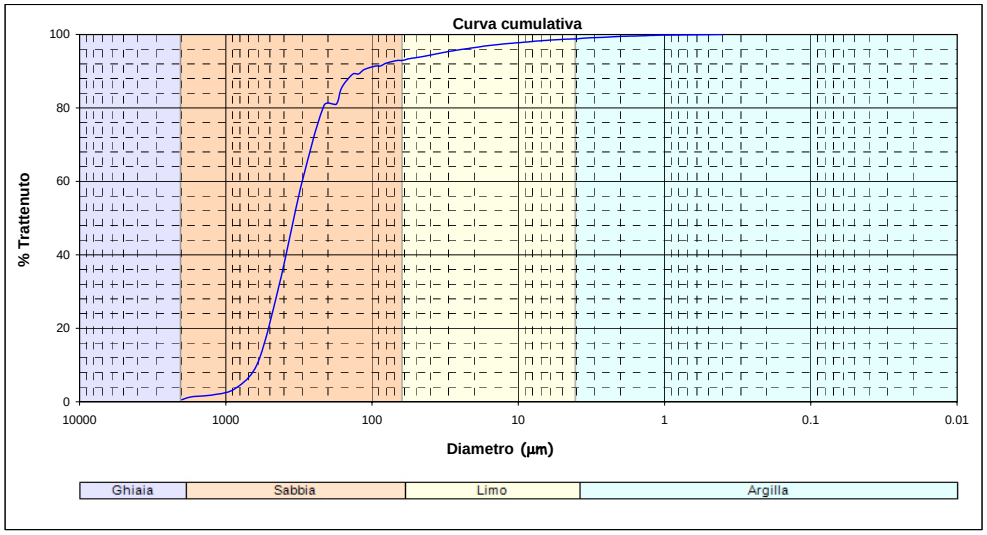
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.58%	0.58%
2000	-1	0.78%	1.36%
1414.21	-0.5		
1414.21	-0.5	0.55%	1.92%
1000	0		
1000	0	1.80%	3.71%
707.11	0.5		
707.11	0.5	6.94%	10.66%
500	1		
500	1	22.01%	32.66%
353.55	1.5		
353.55	1.5	26.99%	59.65%
250	2		
250	2	21.02%	80.67%
176.78	2.5		
176.78	2.5	0.29%	80.96%
175	2.515		
175	2.515	4.58%	85.54%
147	2.766		
147	2.766	3.60%	89.14%
125	3		
125	3	0.12%	89.26%
123	3.023		
123	3.023	1.19%	90.45%
103	3.279		
103	3.279	0.91%	91.35%
88.39	3.5		
88.39	3.5	0.07%	91.42%
87	3.523		
87	3.523	0.78%	92.20%
73	3.776		
73	3.776	0.72%	92.92%
62.5	4		
62.5	4	0.03%	92.95%
61	4.035		
61	4.035	0.41%	93.36%
51	4.293		
51	4.293	0.50%	93.86%
43	4.54		
43	4.54	0.58%	94.44%
36	4.796		
36	4.796	0.60%	95.04%
30	5.059		
30	5.059	0.56%	95.61%
25	5.322		
25	5.322	0.49%	96.09%
21	5.573		
21	5.573	0.39%	96.48%
18	5.796		
18	5.796	0.41%	96.89%
15	6.059		
15	6.059	0.36%	97.25%
12.5	6.322		
12.5	6.322	0.30%	97.55%
10.5	6.573		
10.5	6.573	0.24%	97.79%
9	6.796		
9	6.796	0.26%	98.06%
7.5	7.059		
7.5	7.059	0.29%	98.35%
6	7.381		
6	7.381	0.21%	98.56%
5	7.644		
5	7.644	0.16%	98.72%
4.3	7.861		
4.3	7.861	0.08%	98.80%
4	7.966		
4	7.966	0.08%	98.87%
3.7	8.078		
3.7	8.078	0.16%	99.04%
3.1	8.334		
3.1	8.334	0.15%	99.19%
2.6	8.587		
2.6	8.587	0.13%	99.32%
2.2	8.828		
2.2	8.828	0.14%	99.46%
1.8	9.118		
1.8	9.118	0.11%	99.57%
1.5	9.381		
1.5	9.381	0.08%	99.65%
1.3	9.587		
1.3	9.587	0.08%	99.73%
1.1	9.828		
1.1	9.828	0.08%	99.82%
0.9	10.118		
< 0,900	> 10,118	0.18%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM13**
Livello (cm)	**(50-75)**
Peso totale (g)	87.2
Frazione > 63 μm (%)	82.3
Frazione < 63 μm (%)	17.7

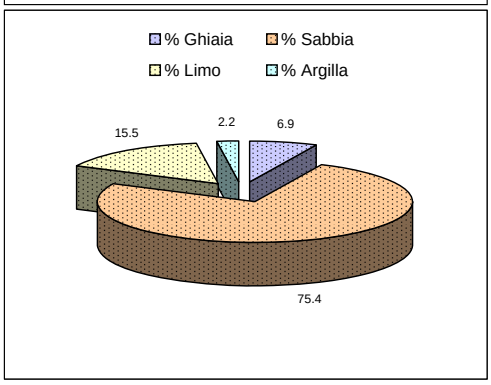
Frazione grossolana (> 63 μm) =	**82.3**
% Ghiaia	**% Sabbia**
6.9	**75.4**

Frazione pelitica (< 63 μm) =	**17.7**
% Limo	**% Argilla**
15.5	**2.2**

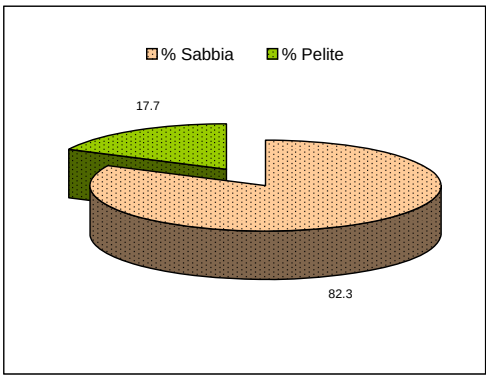
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.080
Deviazione Standard	2.180
Asimmetria (Skewness)	0.239
Appuntimento (Kurtosis)	1.873
Mediana (Φ)	1.439
Moda (Φ)	1.500

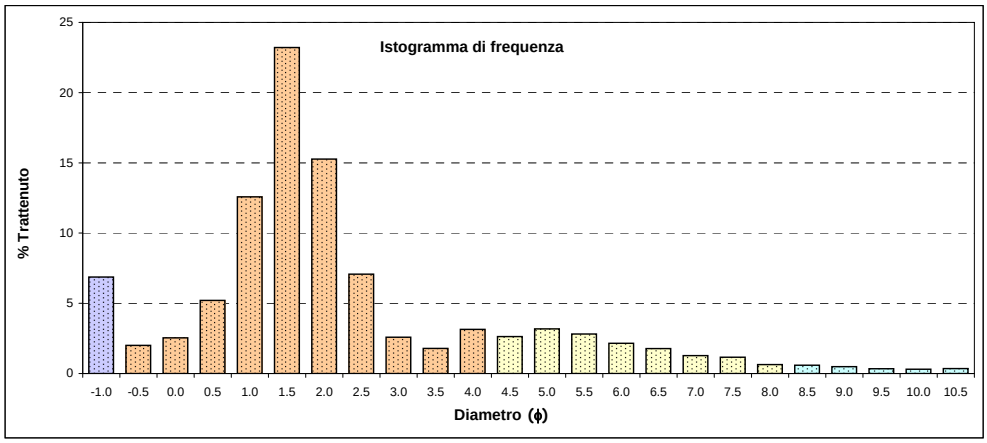
Percentili (Φ)	
5	-1.263
16	0.430
25	0.813
50	1.439
75	2.539
84	4.370
95	6.626

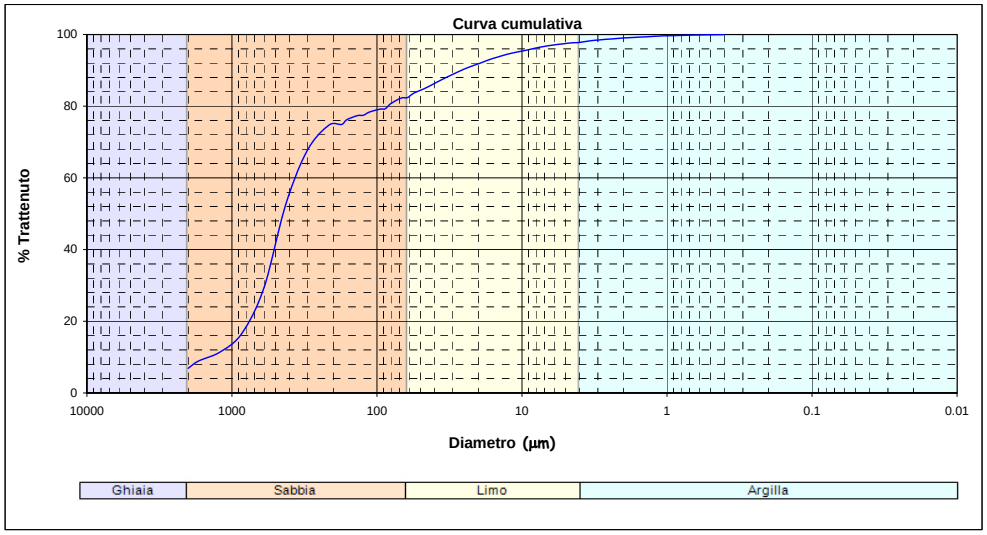
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	6.87%	6.87%
2000	-1	2.01%	8.87%
1414.21	-0.5		
1414.21	-0.5	2.55%	11.42%
1000	0		
1000	0	5.21%	16.63%
707.11	0.5		
707.11	0.5	12.58%	29.21%
500	1		
500	1	23.21%	52.41%
353.55	1.5		
353.55	1.5	15.27%	67.69%
250	2		
250	2	7.07%	74.76%
176.78	2.5		
176.78	2.5	0.09%	74.85%
175	2.515		
175	2.515	1.40%	76.25%
147	2.766		
147	2.766	1.10%	77.35%
125	3		
125	3	0.09%	77.44%
123	3.023		
123	3.023	0.91%	78.35%
103	3.279		
103	3.279	0.80%	79.15%
88.39	3.5		
88.39	3.5	0.12%	79.27%
87	3.523		
87	3.523	1.51%	80.78%
73	3.776		
73	3.776	1.51%	82.29%
62.5	4		
62.5	4	0.10%	82.39%
61	4.035		
61	4.035	1.16%	83.55%
51	4.293		
51	4.293	1.37%	84.92%
43	4.54		
43	4.54	1.57%	86.49%
36	4.796		
36	4.796	1.61%	88.10%
30	5.059		
30	5.059	1.51%	89.61%
25	5.322		
25	5.322	1.31%	90.92%
21	5.573		
21	5.573	1.05%	91.96%
18	5.796		
18	5.796	1.11%	93.07%
15	6.059		
15	6.059	0.97%	94.04%
12.5	6.322		
12.5	6.322	0.80%	94.84%
10.5	6.573		
10.5	6.573	0.62%	95.47%
9	6.796		
9	6.796	0.65%	96.12%
7.5	7.059		
7.5	7.059	0.69%	96.80%
6	7.381		
6	7.381	0.47%	97.28%
5	7.644		
5	7.644	0.34%	97.62%
4.3	7.861		
4.3	7.861	0.15%	97.77%
4	7.966		
4	7.966	0.15%	97.92%
3.7	8.078		
3.7	8.078	0.31%	98.23%
3.1	8.334		
3.1	8.334	0.28%	98.51%
2.6	8.587		
2.6	8.587	0.24%	98.74%
2.2	8.828		
2.2	8.828	0.25%	99.00%
1.8	9.118		
1.8	9.118	0.20%	99.20%
1.5	9.381		
1.5	9.381	0.14%	99.34%
1.3	9.587		
1.3	9.587	0.15%	99.49%
1.1	9.828		
1.1	9.828	0.16%	99.64%
0.9	10.118		
< 0,900	> 10,118	0.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM13
Livello (cm)	(75-100)
Peso totale (g)	32.1
Frazione > 63 µm (%)	30.4
Frazione < 63 µm (%)	69.6

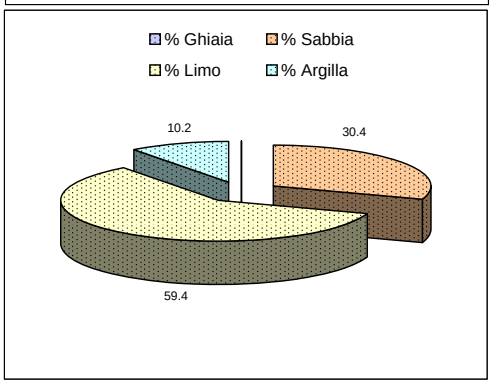
Frazione grossolana (> 63 µm) = 30.4	
% Ghiaia	% Sabbia
0.0	30.4

Frazione pelitica (< 63 µm) = 69.6	
% Limo	% Argilla
59.4	10.2

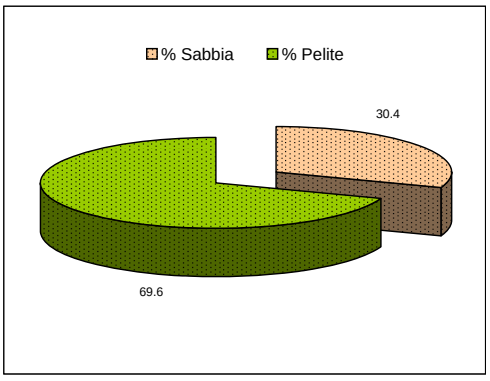
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.044
Deviazione Standard	2.299
Asimmetria (Skewness)	-0.032
Appuntimento (Kurtosis)	1.165
Mediana (Φ)	5.123
Moda (Φ)	5.500

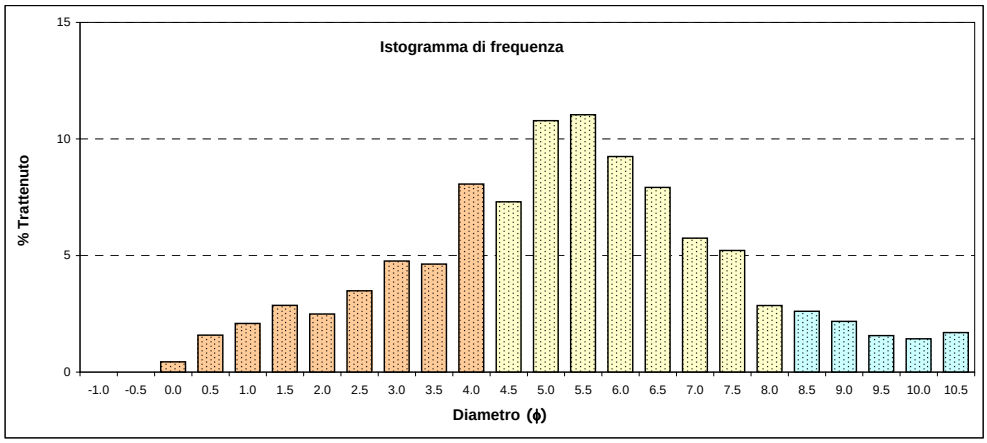
Percentili (Φ)	
5	1.137
16	2.799
25	3.671
50	5.123
75	6.449
84	7.211
95	9.032

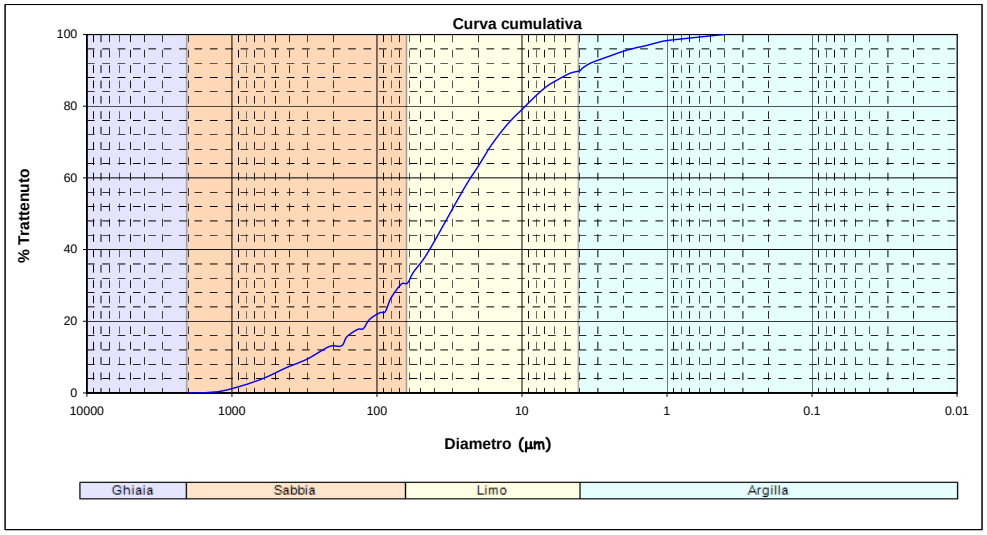
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.44%	0.44%
1000	0		
1000	0	1.59%	2.02%
707.11	0.5		
707.11	0.5	2.09%	4.11%
500	1		
500	1	2.87%	6.98%
353.55	1.5		
353.55	1.5	2.49%	9.47%
250	2		
250	2	3.49%	12.96%
176.78	2.5		
176.78	2.5	0.16%	13.12%
175	2.515		
175	2.515	2.58%	15.70%
147	2.766		
147	2.766	2.02%	17.72%
125	3		
125	3	0.25%	17.97%
123	3.023		
123	3.023	2.48%	20.45%
103	3.279		
103	3.279	1.90%	22.35%
88.39	3.5		
88.39	3.5	0.32%	22.67%
87	3.523		
87	3.523	3.84%	26.51%
73	3.776		
73	3.776	3.91%	30.42%
62.5	4		
62.5	4	0.22%	30.64%
61	4.035		
61	4.035	3.05%	33.69%
51	4.293		
51	4.293	4.03%	37.72%
43	4.54		
43	4.54	5.09%	42.82%
36	4.796		
36	4.796	5.69%	48.50%
30	5.059		
30	5.059	5.74%	54.25%
25	5.322		
25	5.322	5.30%	59.54%
21	5.573		
21	5.573	4.42%	63.96%
18	5.796		
18	5.796	4.83%	68.79%
15	6.059		
15	6.059	4.31%	73.10%
12.5	6.322		
12.5	6.322	3.61%	76.71%
10.5	6.573		
10.5	6.573	2.81%	79.52%
9	6.796		
9	6.796	2.94%	82.45%
7.5	7.059		
7.5	7.059	3.09%	85.54%
6	7.381		
6	7.381	2.13%	87.67%
5	7.644		
5	7.644	1.52%	89.19%
4.3	7.861		
4.3	7.861	0.67%	89.86%
4	7.966		
4	7.966	0.67%	90.52%
3.7	8.078		
3.7	8.078	1.39%	91.91%
3.1	8.334		
3.1	8.334	1.22%	93.13%
2.6	8.587		
2.6	8.587	1.05%	94.18%
2.2	8.828		
2.2	8.828	1.13%	95.31%
1.8	9.118		
1.8	9.118	0.92%	96.23%
1.5	9.381		
1.5	9.381	0.65%	96.88%
1.3	9.587		
1.3	9.587	0.69%	97.57%
1.1	9.828		
1.1	9.828	0.73%	98.30%
0.9	10.118		
< 0,900	> 10,118	1.70%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM14**
Livello (cm)	**(0-25)**
Peso totale (g)	21.7
Frazione > 63 μm (%)	41.3
Frazione < 63 μm (%)	58.7

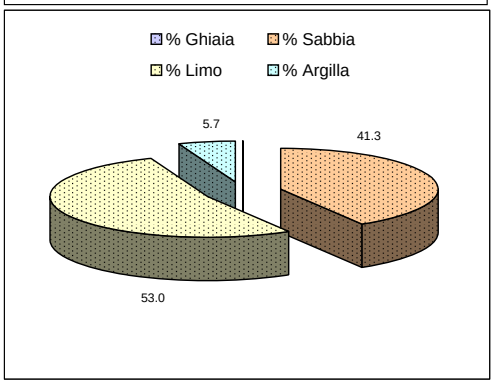
Frazione grossolana (> 63 μm) =	**41.3**
% Ghiaia	**% Sabbia**
0.0	**41.3**

Frazione pelitica (< 63 μm) =	**58.7**
% Limo	**% Argilla**
53.0	**5.7**

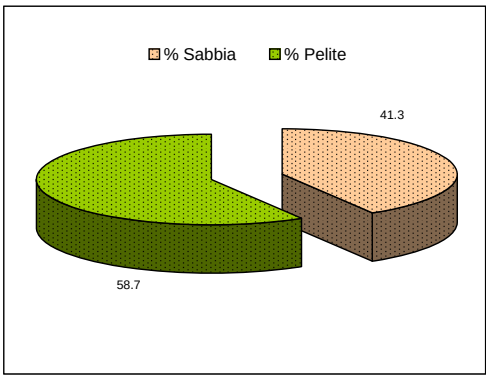
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.657
Deviazione Standard	1.729
Asimmetria (Skewness)	0.163
Appuntimento (Kurtosis)	1.149
Mediana (Φ)	4.525
Moda (Φ)	4.000

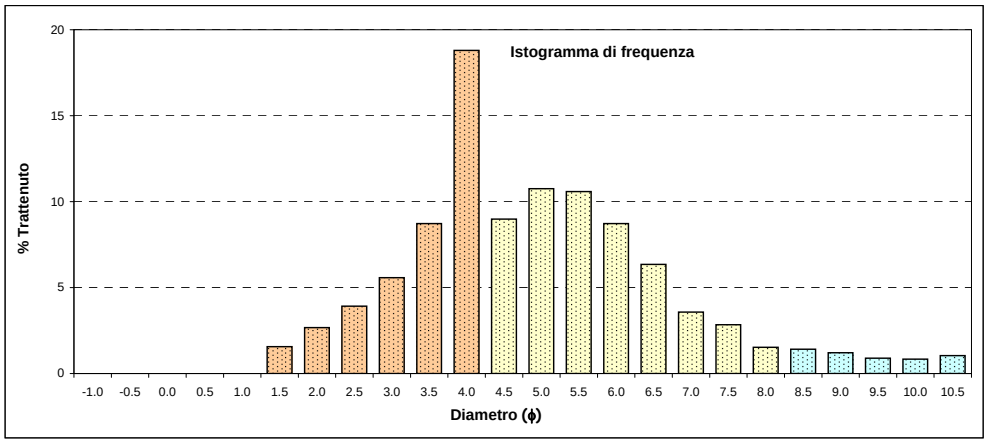
Percentili (Φ)	
5	2.084
16	3.120
25	3.565
50	4.525
75	5.749
84	6.325
95	8.208

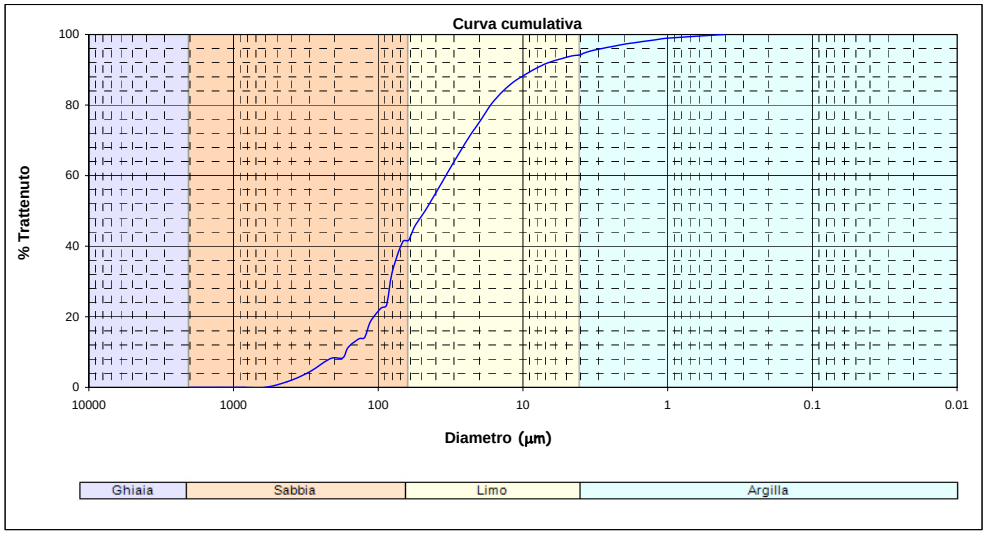
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.57%	1.57%
353.55	1.5		
353.55	1.5	2.67%	4.24%
250	2		
250	2	3.92%	8.16%
176.78	2.5		
176.78	2.5	0.19%	8.36%
175	2.515		
175	2.515	3.02%	11.37%
147	2.766		
147	2.766	2.37%	13.74%
125	3		
125	3	0.45%	14.20%
123	3.023		
123	3.023	4.51%	18.71%
103	3.279		
103	3.279	3.76%	22.47%
88.39	3.5		
88.39	3.5	0.84%	23.30%
87	3.523		
87	3.523	9.50%	32.80%
73	3.776		
73	3.776	8.46%	41.27%
62.5	4		
62.5	4	0.35%	41.62%
61	4.035		
61	4.035	4.02%	45.64%
51	4.293		
51	4.293	4.62%	50.25%
43	4.54		
43	4.54	5.24%	55.50%
36	4.796		
36	4.796	5.51%	61.01%
30	5.059		
30	5.059	5.48%	66.49%
25	5.322		
25	5.322	5.10%	71.59%
21	5.573		
21	5.573	4.25%	75.84%
18	5.796		
18	5.796	4.47%	80.32%
15	6.059		
15	6.059	3.65%	83.96%
12.5	6.322		
12.5	6.322	2.70%	86.66%
10.5	6.573		
10.5	6.573	1.85%	88.51%
9	6.796		
9	6.796	1.73%	90.23%
7.5	7.059		
7.5	7.059	1.70%	91.93%
6	7.381		
6	7.381	1.14%	93.07%
5	7.644		
5	7.644	0.81%	93.89%
4.3	7.861		
4.3	7.861	0.36%	94.24%
4	7.966		
4	7.966	0.36%	94.60%
3.7	8.078		
3.7	8.078	0.75%	95.35%
3.1	8.334		
3.1	8.334	0.67%	96.02%
2.6	8.587		
2.6	8.587	0.58%	96.59%
2.2	8.828		
2.2	8.828	0.63%	97.22%
1.8	9.118		
1.8	9.118	0.52%	97.74%
1.5	9.381		
1.5	9.381	0.37%	98.12%
1.3	9.587		
1.3	9.587	0.40%	98.52%
1.1	9.828		
1.1	9.828	0.44%	98.96%
0.9	10.118		
< 0,900	> 10,118	1.04%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM14
Livello (cm)	(25-50)
Peso totale (g)	19.6
Frazione > 63 μm (%)	40.0
Frazione < 63 μm (%)	60.0

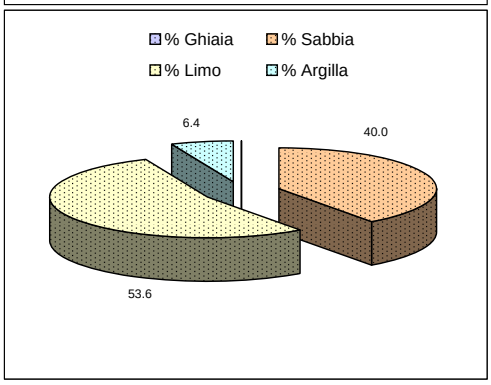
Frazione grossolana (> 63 μm) = 40.0	
% Ghiaia	% Sabbia
0.0	40.0

Frazione pelitica (< 63 μm) = 60.0	
% Limo	% Argilla
53.6	6.4

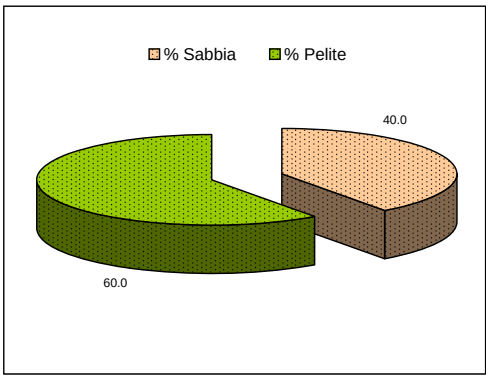
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.582
Deviazione Standard	1.979
Asimmetria (Skewness)	0.041
Appuntimento (Kurtosis)	1.134
Mediana (Φ)	4.608
Moda (Φ)	4.000

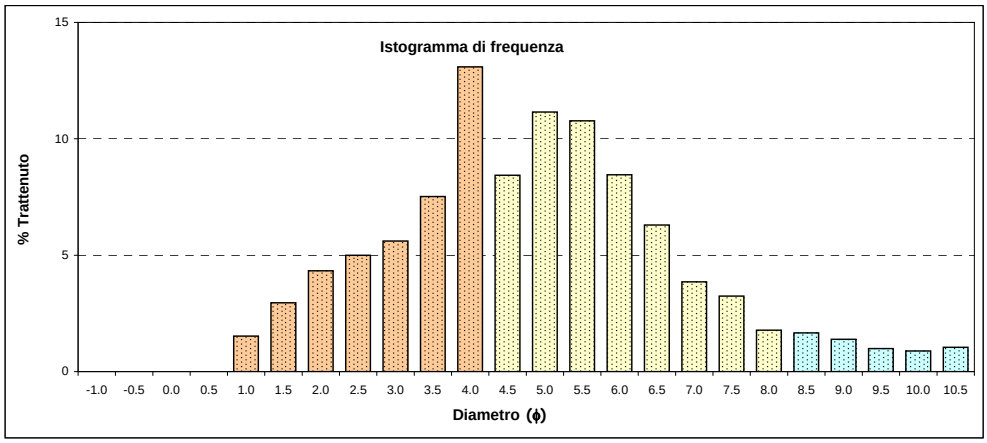
Percentili (Φ)	
5	1.551
16	2.675
25	3.361
50	4.608
75	5.822
84	6.463
95	8.363

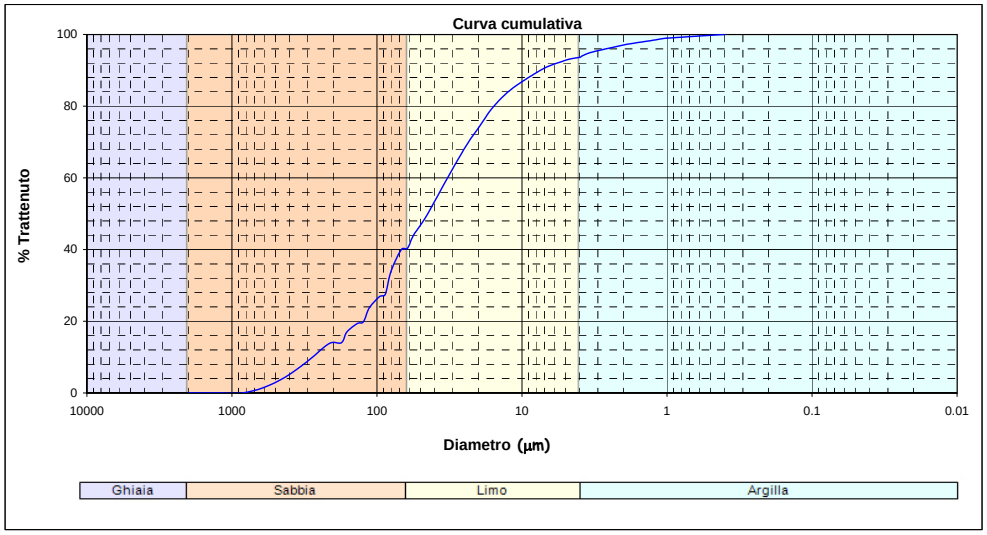
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.53%	1.53%
500	1		
500	1	2.96%	4.48%
353.55	1.5		
353.55	1.5	4.33%	8.82%
250	2		
250	2	4.99%	13.81%
176.78	2.5		
176.78	2.5	0.19%	14.00%
175	2.515		
175	2.515	3.03%	17.03%
147	2.766		
147	2.766	2.38%	19.42%
125	3		
125	3	0.40%	19.81%
123	3.023		
123	3.023	3.95%	23.77%
103	3.279		
103	3.279	3.17%	26.94%
88.39	3.5		
88.39	3.5	0.56%	27.50%
87	3.523		
87	3.523	6.47%	33.97%
73	3.776		
73	3.776	6.06%	40.03%
62.5	4		
62.5	4	0.29%	40.32%
61	4.035		
61	4.035	3.64%	43.96%
51	4.293		
51	4.293	4.50%	48.46%
43	4.54		
43	4.54	5.38%	53.84%
36	4.796		
36	4.796	5.77%	59.61%
30	5.059		
30	5.059	5.66%	65.28%
25	5.322		
25	5.322	5.11%	70.39%
21	5.573		
21	5.573	4.14%	74.53%
18	5.796		
18	5.796	4.31%	78.84%
15	6.059		
15	6.059	3.57%	82.41%
12.5	6.322		
12.5	6.322	2.73%	85.14%
10.5	6.573		
10.5	6.573	1.95%	87.09%
9	6.796		
9	6.796	1.91%	88.99%
7.5	7.059		
7.5	7.059	1.93%	90.92%
6	7.381		
6	7.381	1.32%	92.24%
5	7.644		
5	7.644	0.95%	93.19%
4.3	7.861		
4.3	7.861	0.42%	93.60%
4	7.966		
4	7.966	0.42%	94.02%
3.7	8.078		
3.7	8.078	0.88%	94.90%
3.1	8.334		
3.1	8.334	0.78%	95.68%
2.6	8.587		
2.6	8.587	0.67%	96.35%
2.2	8.828		
2.2	8.828	0.72%	97.07%
1.8	9.118		
1.8	9.118	0.58%	97.65%
1.5	9.381		
1.5	9.381	0.41%	98.06%
1.3	9.587		
1.3	9.587	0.43%	98.49%
1.1	9.828		
1.1	9.828	0.46%	98.95%
0.9	10.118		
< 0,900	> 10,118	1.05%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM14
Livello (cm)	(50-75)
Peso totale (g)	45.6
Frazione > 63 μm (%)	49.0
Frazione < 63 μm (%)	51.0

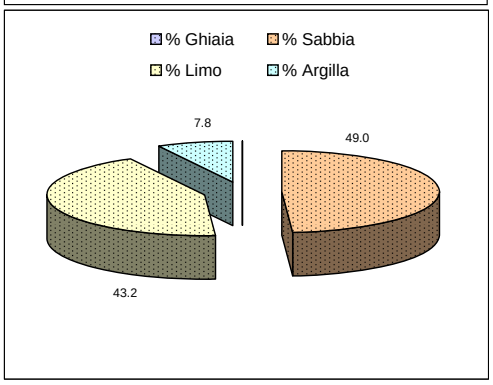
Frazione grossolana (> 63 μm) = 49.0	
% Ghiaia	% Sabbia
0.0	49.0

Frazione pelitica (< 63 μm) = 51.0	
% Limo	% Argilla
43.2	7.8

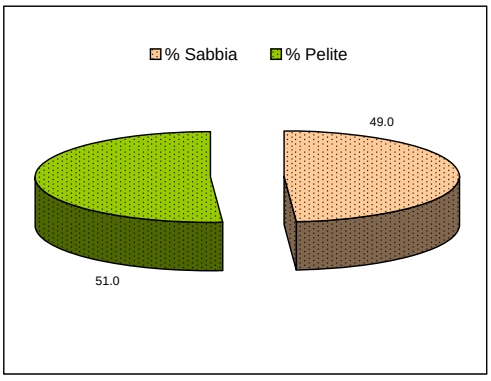
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.191
Deviazione Standard	2.414
Asimmetria (Skewness)	0.099
Appuntimento (Kurtosis)	0.789
Mediana (Φ)	4.173
Moda (Φ)	2.000

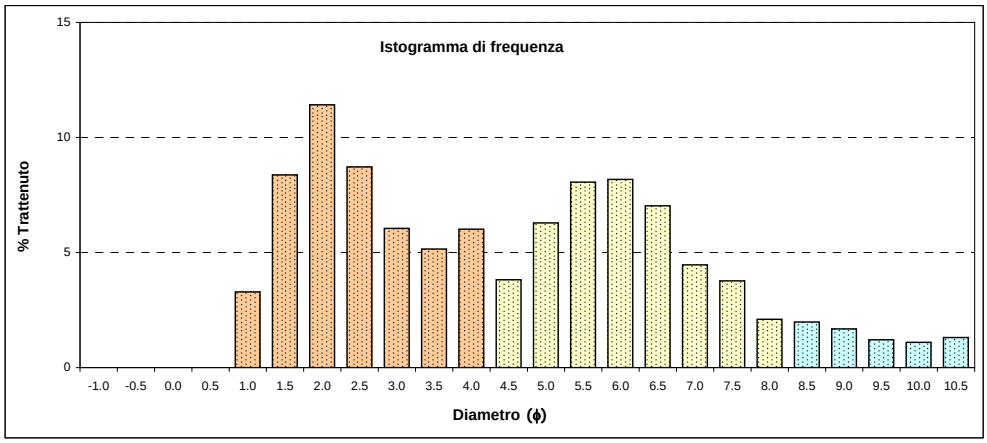
Percentili (Φ)	
5	1.089
16	1.670
25	2.097
50	4.173
75	6.036
84	6.730
95	8.674

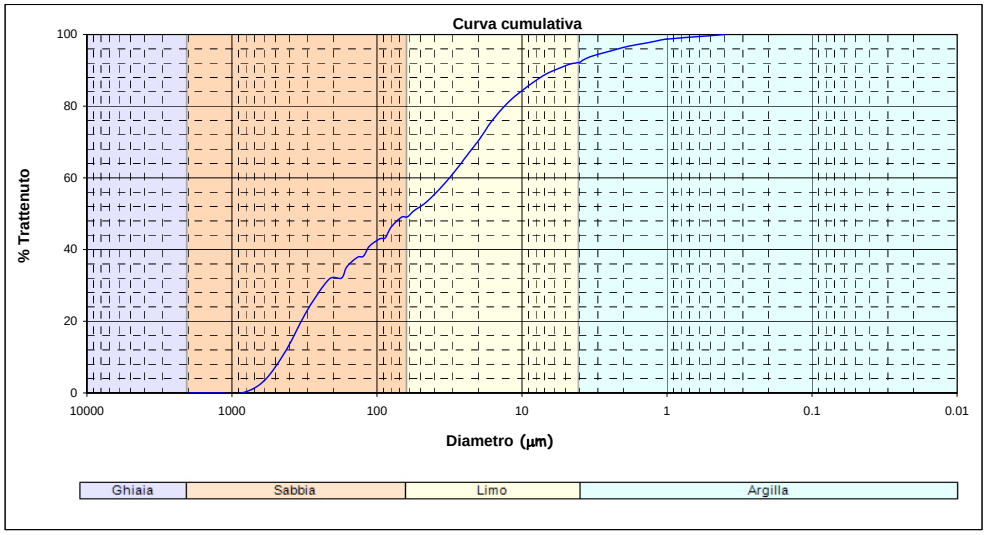
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	3.29%	3.29%
500	1		
500	1	8.37%	11.66%
353.55	1.5		
353.55	1.5	11.42%	23.07%
250	2		
250	2	8.72%	31.79%
176.78	2.5		
176.78	2.5	0.21%	32.00%
175	2.515		
175	2.515	3.27%	35.27%
147	2.766		
147	2.766	2.57%	37.84%
125	3		
125	3	0.28%	38.12%
123	3.023		
123	3.023	2.78%	40.89%
103	3.279		
103	3.279	2.10%	42.99%
88.39	3.5		
88.39	3.5	0.26%	43.25%
87	3.523		
87	3.523	2.99%	46.25%
73	3.776		
73	3.776	2.76%	49.01%
62.5	4		
62.5	4	0.12%	49.12%
61	4.035		
61	4.035	1.58%	50.70%
51	4.293		
51	4.293	2.12%	52.82%
43	4.54		
43	4.54	2.83%	55.65%
36	4.796		
36	4.796	3.46%	59.11%
30	5.059		
30	5.059	3.94%	63.05%
25	5.322		
25	5.322	4.12%	67.17%
21	5.573		
21	5.573	3.78%	70.96%
18	5.796		
18	5.796	4.39%	75.35%
15	6.059		
15	6.059	3.91%	79.26%
12.5	6.322		
12.5	6.322	3.12%	82.38%
10.5	6.573		
10.5	6.573	2.26%	84.63%
9	6.796		
9	6.796	2.21%	86.84%
7.5	7.059		
7.5	7.059	2.24%	89.08%
6	7.381		
6	7.381	1.53%	90.61%
5	7.644		
5	7.644	1.11%	91.72%
4.3	7.861		
4.3	7.861	0.49%	92.21%
4	7.966		
4	7.966	0.49%	92.71%
3.7	8.078		
3.7	8.078	1.05%	93.76%
3.1	8.334		
3.1	8.334	0.94%	94.69%
2.6	8.587		
2.6	8.587	0.81%	95.50%
2.2	8.828		
2.2	8.828	0.88%	96.38%
1.8	9.118		
1.8	9.118	0.71%	97.09%
1.5	9.381		
1.5	9.381	0.50%	97.59%
1.3	9.587		
1.3	9.587	0.53%	98.12%
1.1	9.828		
1.1	9.828	0.57%	98.69%
0.9	10.118		
< 0,900	> 10,118	1.31%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM14
Livello (cm)	(75-100)
Peso totale (g)	129.7
Frazione > 63 µm (%)	89.7
Frazione < 63 µm (%)	10.3

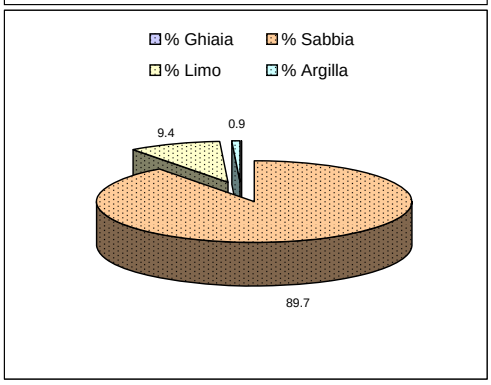
Frazione grossolana (> 63 µm) = 89.7	
% Ghiaia	% Sabbia
0.0	89.7

Frazione pelitica (< 63 µm) = 10.3	
% Limo	% Argilla
9.4	0.9

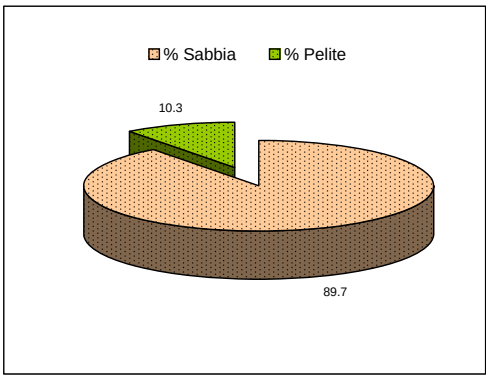
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.955
Deviazione Standard	1.100
Asimmetria (Skewness)	0.419
Appuntimento (Kurtosis)	2.185
Mediana (Φ)	1.790
Moda (Φ)	2.000

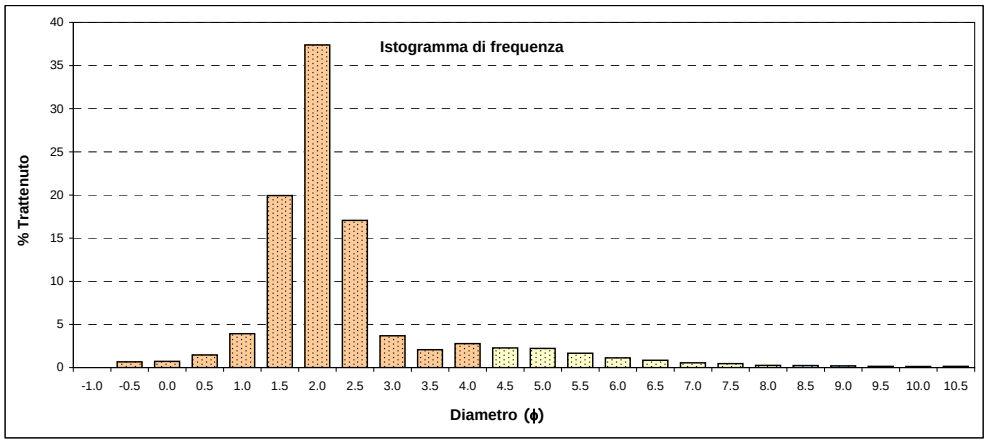
Percentili (Φ)	
5	0.749
16	1.210
25	1.449
50	1.790
75	2.298
84	2.866
95	5.276

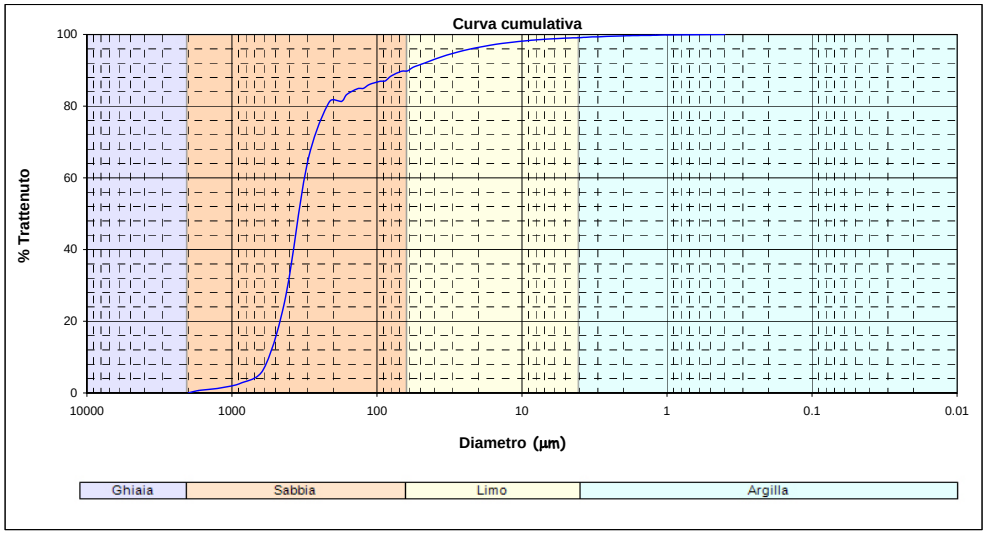
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.67%	0.67%
1414.21	-0.5		
1414.21	-0.5	0.73%	1.40%
1000	0		
1000	0	1.47%	2.87%
707.11	0.5		
707.11	0.5	3.93%	6.80%
500	1		
500	1	19.93%	26.73%
353.55	1.5		
353.55	1.5	37.38%	64.11%
250	2		
250	2	17.07%	81.18%
176.78	2.5		
176.78	2.5	0.13%	81.31%
175	2.515		
175	2.515	1.99%	83.30%
147	2.766		
147	2.766	1.57%	84.87%
125	3		
125	3	0.10%	84.97%
123	3.023		
123	3.023	1.05%	86.01%
103	3.279		
103	3.279	0.93%	86.94%
88.39	3.5		
88.39	3.5	0.10%	87.04%
87	3.523		
87	3.523	1.34%	88.38%
73	3.776		
73	3.776	1.35%	89.73%
62.5	4		
62.5	4	0.10%	89.83%
61	4.035		
61	4.035	1.06%	90.89%
51	4.293		
51	4.293	1.12%	92.01%
43	4.54		
43	4.54	1.15%	93.16%
36	4.796		
36	4.796	1.07%	94.23%
30	5.059		
30	5.059	0.92%	95.15%
25	5.322		
25	5.322	0.74%	95.89%
21	5.573		
21	5.573	0.56%	96.45%
18	5.796		
18	5.796	0.57%	97.02%
15	6.059		
15	6.059	0.47%	97.50%
12.5	6.322		
12.5	6.322	0.38%	97.87%
10.5	6.573		
10.5	6.573	0.28%	98.15%
9	6.796		
9	6.796	0.28%	98.43%
7.5	7.059		
7.5	7.059	0.28%	98.71%
6	7.381		
6	7.381	0.19%	98.90%
5	7.644		
5	7.644	0.13%	99.04%
4.3	7.861		
4.3	7.861	0.06%	99.10%
4	7.966		
4	7.966	0.06%	99.16%
3.7	8.078		
3.7	8.078	0.12%	99.28%
3.1	8.334		
3.1	8.334	0.11%	99.39%
2.6	8.587		
2.6	8.587	0.10%	99.49%
2.2	8.828		
2.2	8.828	0.10%	99.59%
1.8	9.118		
1.8	9.118	0.08%	99.67%
1.5	9.381		
1.5	9.381	0.06%	99.73%
1.3	9.587		
1.3	9.587	0.06%	99.79%
1.1	9.828		
1.1	9.828	0.06%	99.86%
0.9	10.118		
< 0,900	> 10,118	0.14%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(0-25)
Peso totale (g)	22.2
Frazione > 63 μm (%)	28.8
Frazione < 63 μm (%)	71.2

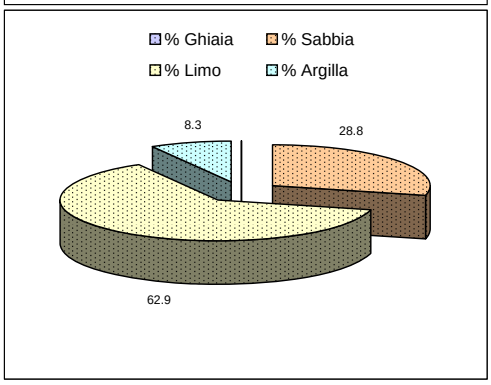
Frazione grossolana (> 63 μm) = 28.8	
% Ghiaia	% Sabbia
0.0	28.8

Frazione pelitica (< 63 μm) = 71.2	
% Limo	% Argilla
62.9	8.3

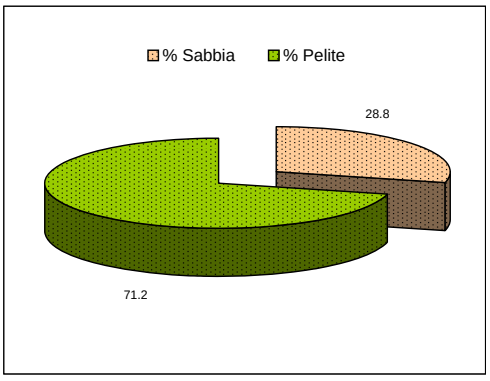
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.794
Deviazione Standard	2.230
Asimmetria (Skewness)	-0.036
Appuntimento (Kurtosis)	1.382
Mediana (Φ)	4.881
Moda (Φ)	5.000

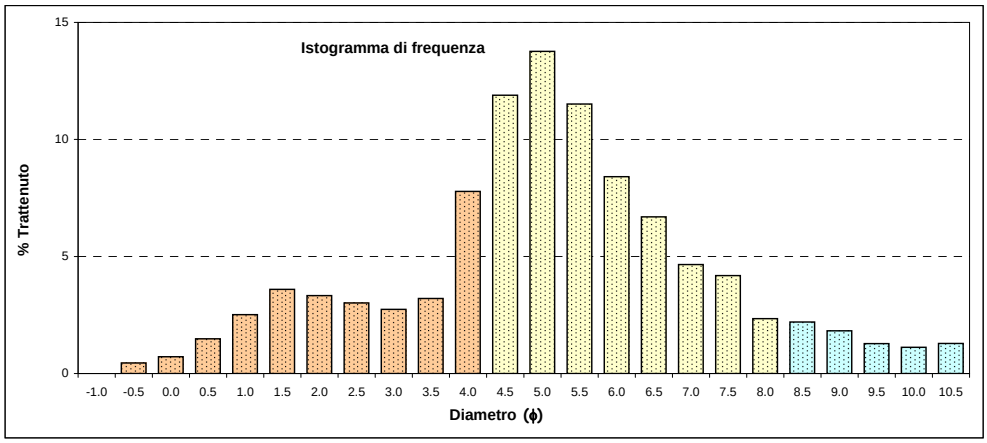
Percentili (Φ)	
5	0.959
16	2.643
25	3.795
50	4.881
75	6.097
84	6.858
95	8.721

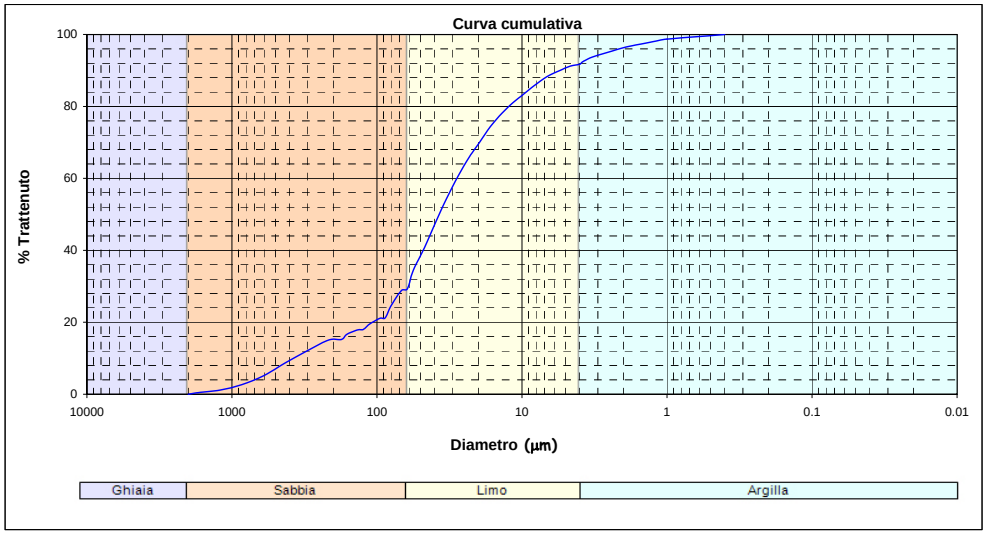
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.45%	0.45%
1414.21	-0.5		
1414.21	-0.5	0.72%	1.17%
1000	0		
1000	0	1.48%	2.65%
707.11	0.5		
707.11	0.5	2.52%	5.17%
500	1		
500	1	3.60%	8.77%
353.55	1.5		
353.55	1.5	3.33%	12.10%
250	2		
250	2	3.01%	15.12%
176.78	2.5		
176.78	2.5	0.09%	15.21%
175	2.515		
175	2.515	1.48%	16.70%
147	2.766		
147	2.766	1.17%	17.86%
125	3		
125	3	0.14%	18.00%
123	3.023		
123	3.023	1.44%	19.44%
103	3.279		
103	3.279	1.63%	21.07%
88.39	3.5		
88.39	3.5	0.20%	21.27%
87	3.523		
87	3.523	3.34%	24.61%
73	3.776		
73	3.776	4.24%	28.85%
62.5	4		
62.5	4	0.45%	29.30%
61	4.035		
61	4.035	5.28%	34.59%
51	4.293		
51	4.293	6.15%	40.73%
43	4.54		
43	4.54	6.89%	47.63%
36	4.796		
36	4.796	6.87%	54.49%
30	5.059		
30	5.059	6.24%	60.74%
25	5.322		
25	5.322	5.27%	66.01%
21	5.573		
21	5.573	4.12%	70.13%
18	5.796		
18	5.796	4.29%	74.42%
15	6.059		
15	6.059	3.69%	78.11%
12.5	6.322		
12.5	6.322	3.00%	81.11%
10.5	6.573		
10.5	6.573	2.29%	83.40%
9	6.796		
9	6.796	2.36%	85.77%
7.5	7.059		
7.5	7.059	2.47%	88.24%
6	7.381		
6	7.381	1.71%	89.95%
5	7.644		
5	7.644	1.24%	91.19%
4.3	7.861		
4.3	7.861	0.55%	91.74%
4	7.966		
4	7.966	0.55%	92.29%
3.7	8.078		
3.7	8.078	1.16%	93.46%
3.1	8.334		
3.1	8.334	1.03%	94.49%
2.6	8.587		
2.6	8.587	0.88%	95.37%
2.2	8.828		
2.2	8.828	0.94%	96.32%
1.8	9.118		
1.8	9.118	0.75%	97.07%
1.5	9.381		
1.5	9.381	0.53%	97.60%
1.3	9.587		
1.3	9.587	0.55%	98.15%
1.1	9.828		
1.1	9.828	0.57%	98.72%
0.9	10.118		
< 0,900	> 10,118	1.28%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM15**
Livello (cm)	**(25-50)**
Peso totale (g)	75.7
Frazione > 63 μm (%)	22.6
Frazione < 63 μm (%)	77.4

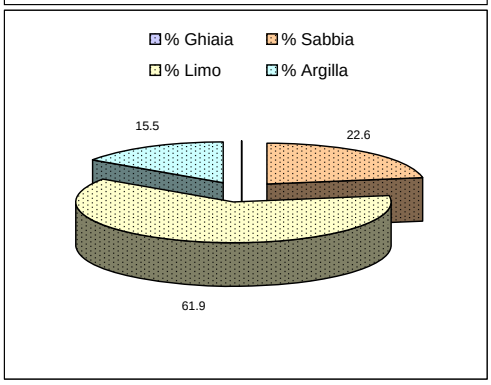
Frazione grossolana (> 63 μm) = 22.6	
% Ghiaia	**% Sabbia**
0.0	**22.6**

Frazione pelitica (< 63 μm) = 77.4	
% Limo	**% Argilla**
61.9	**15.5**

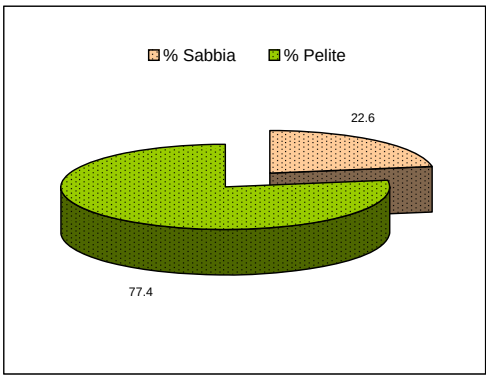
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.518
Deviazione Standard	2.490
Asimmetria (Skewness)	-0.112
Appuntimento (Kurtosis)	1.178
Mediana (Φ)	5.727
Moda (Φ)	5.500

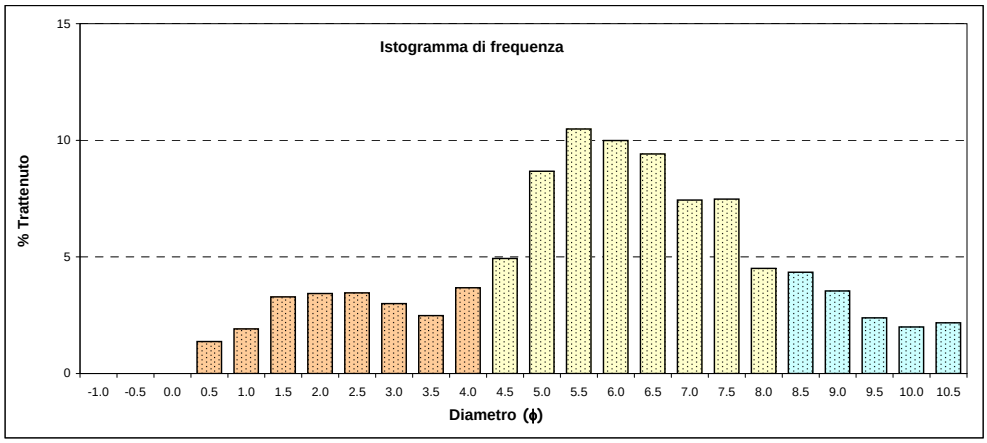
Percentili (Φ)	
5	1.239
16	2.909
25	4.314
50	5.727
75	7.157
84	7.918
95	9.409

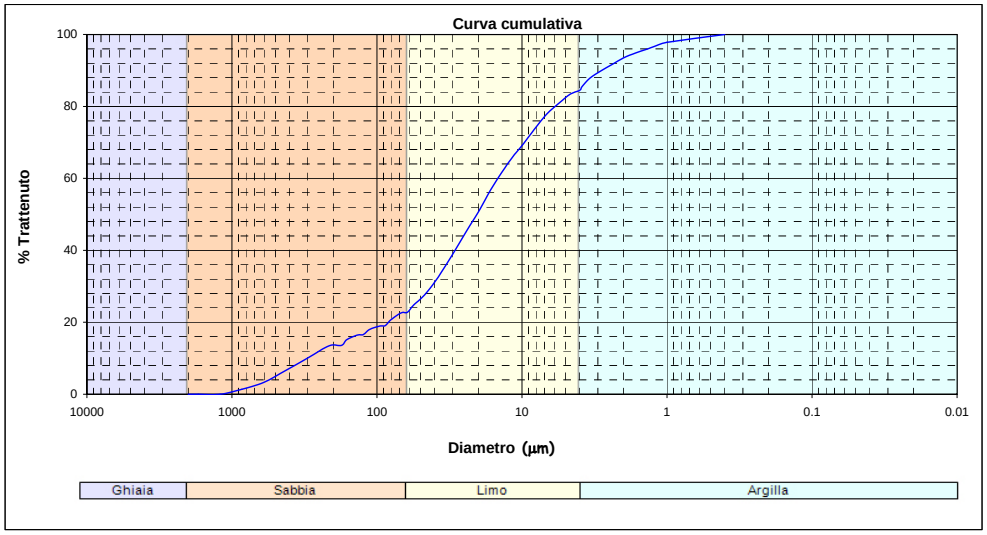
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	1.37%	1.37%
707.11	0.5		
707.11	0.5	1.91%	3.29%
500	1		
500	1	3.29%	6.58%
353.55	1.5		
353.55	1.5	3.43%	10.01%
250	2		
250	2	3.46%	13.47%
176.78	2.5		
176.78	2.5	0.10%	13.58%
175	2.515		
175	2.515	1.62%	15.20%
147	2.766		
147	2.766	1.27%	16.47%
125	3		
125	3	0.14%	16.61%
123	3.023		
123	3.023	1.36%	17.96%
103	3.279		
103	3.279	0.99%	18.96%
88.39	3.5		
88.39	3.5	0.13%	19.08%
87	3.523		
87	3.523	1.66%	20.74%
73	3.776		
73	3.776	1.89%	22.64%
62.5	4		
62.5	4	0.13%	22.77%
61	4.035		
61	4.035	1.97%	24.74%
51	4.293		
51	4.293	2.83%	27.57%
43	4.54		
43	4.54	3.90%	31.47%
36	4.796		
36	4.796	4.77%	36.24%
30	5.059		
30	5.059	5.25%	41.50%
25	5.322		
25	5.322	5.23%	46.73%
21	5.573		
21	5.573	4.63%	51.36%
18	5.796		
18	5.796	5.36%	56.72%
15	6.059		
15	6.059	5.02%	61.74%
12.5	6.322		
12.5	6.322	4.39%	66.13%
10.5	6.573		
10.5	6.573	3.55%	69.68%
9	6.796		
9	6.796	3.89%	73.57%
7.5	7.059		
7.5	7.059	4.33%	77.90%
6	7.381		
6	7.381	3.15%	81.05%
5	7.644		
5	7.644	2.36%	83.41%
4.3	7.861		
4.3	7.861	1.08%	84.48%
4	7.966		
4	7.966	1.08%	85.56%
3.7	8.078		
3.7	8.078	2.30%	87.86%
3.1	8.334		
3.1	8.334	2.04%	89.90%
2.6	8.587		
2.6	8.587	1.73%	91.63%
2.2	8.828		
2.2	8.828	1.82%	93.44%
1.8	9.118		
1.8	9.118	1.42%	94.86%
1.5	9.381		
1.5	9.381	0.97%	95.83%
1.3	9.587		
1.3	9.587	0.99%	96.82%
1.1	9.828		
1.1	9.828	1.01%	97.83%
0.9	10.118		
< 0,900	> 10,118	2.17%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(50-75)
Peso totale (g)	27.4
Frazione > 63 μm (%)	35.4
Frazione < 63 μm (%)	64.6

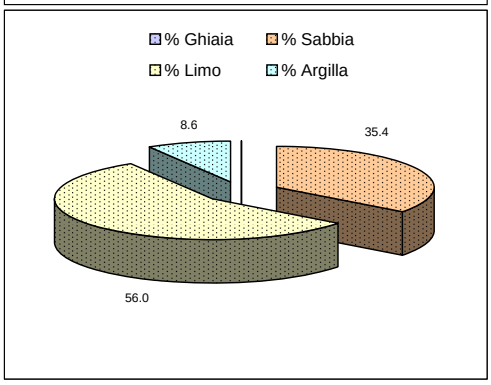
Frazione grossolana (> 63 μm) = 35.4	
% Ghiaia	% Sabbia
0.0	35.4

Frazione pelitica (< 63 μm) = 64.6	
% Limo	% Argilla
56.0	8.6

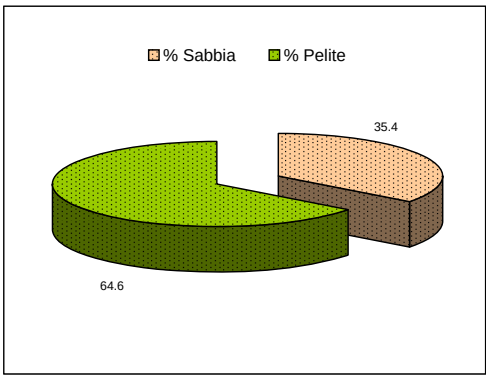
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.905
Deviazione Standard	1.982
Asimmetria (Skewness)	0.152
Appuntimento (Kurtosis)	1.014
Mediana (Φ)	4.803
Moda (Φ)	5.000

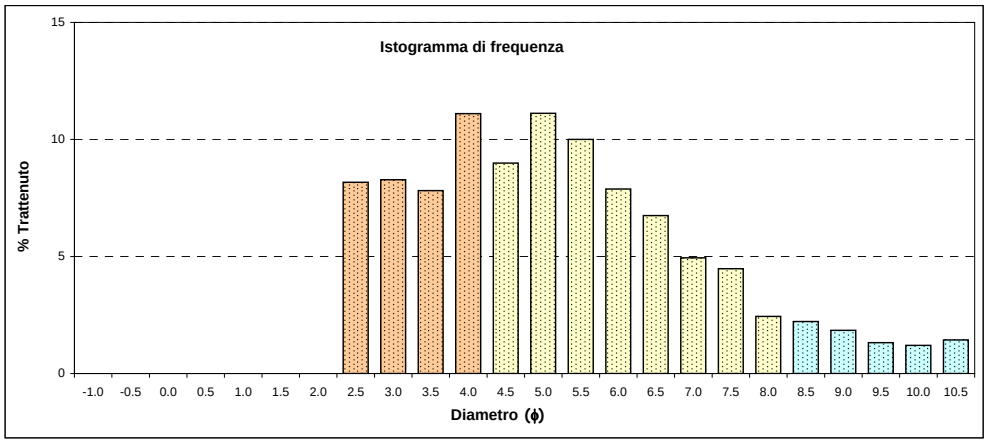
Percentili (Φ)	
5	2.285
16	2.968
25	3.536
50	4.803
75	6.171
84	6.944
95	8.806

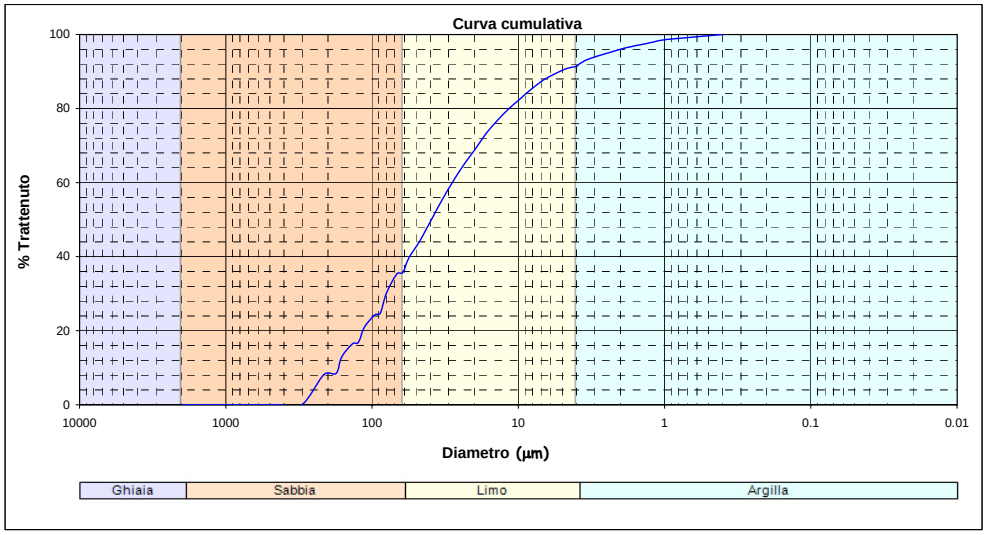
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	8.17%	8.17%
176.78	2.5		
176.78	2.5	0.28%	8.46%
175	2.515		
175	2.515	4.48%	12.94%
147	2.766		
147	2.766	3.52%	16.45%
125	3		
125	3	0.41%	16.86%
123	3.023		
123	3.023	4.07%	20.93%
103	3.279		
103	3.279	3.34%	24.27%
88.39	3.5		
88.39	3.5	0.43%	24.70%
87	3.523		
87	3.523	5.35%	30.05%
73	3.776		
73	3.776	5.32%	35.37%
62.5	4		
62.5	4	0.33%	35.70%
61	4.035		
61	4.035	3.94%	39.63%
51	4.293		
51	4.293	4.72%	44.36%
43	4.54		
43	4.54	5.47%	49.83%
36	4.796		
36	4.796	5.65%	55.48%
30	5.059		
30	5.059	5.33%	60.81%
25	5.322		
25	5.322	4.67%	65.48%
21	5.573		
21	5.573	3.78%	69.26%
18	5.796		
18	5.796	4.10%	73.36%
15	6.059		
15	6.059	3.66%	77.02%
12.5	6.322		
12.5	6.322	3.09%	80.11%
10.5	6.573		
10.5	6.573	2.41%	82.52%
9	6.796		
9	6.796	2.53%	85.05%
7.5	7.059		
7.5	7.059	2.66%	87.70%
6	7.381		
6	7.381	1.83%	89.53%
5	7.644		
5	7.644	1.30%	90.83%
4.3	7.861		
4.3	7.861	0.57%	91.40%
4	7.966		
4	7.966	0.57%	91.97%
3.7	8.078		
3.7	8.078	1.18%	93.15%
3.1	8.334		
3.1	8.334	1.04%	94.19%
2.6	8.587		
2.6	8.587	0.89%	95.08%
2.2	8.828		
2.2	8.828	0.96%	96.03%
1.8	9.118		
1.8	9.118	0.77%	96.81%
1.5	9.381		
1.5	9.381	0.55%	97.36%
1.3	9.587		
1.3	9.587	0.58%	97.94%
1.1	9.828		
1.1	9.828	0.62%	98.56%
0.9	10.118		
< 0,900	> 10,118	1.44%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(75-100)
Peso totale (g)	36.1
Frazione > 63 μm (%)	41.2
Frazione < 63 μm (%)	58.8

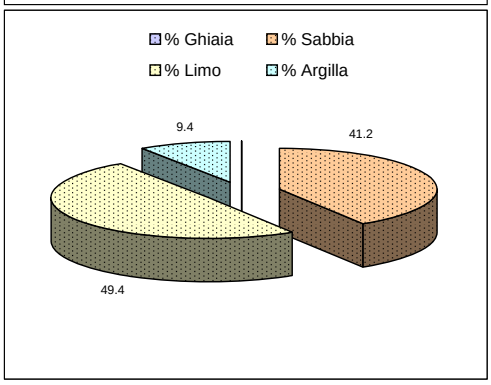
Frazione grossolana (> 63 μm) = 41.2	
% Ghiaia	% Sabbia
0.0	41.2

Frazione pelitica (< 63 μm) = 58.8	
% Limo	% Argilla
49.4	9.4

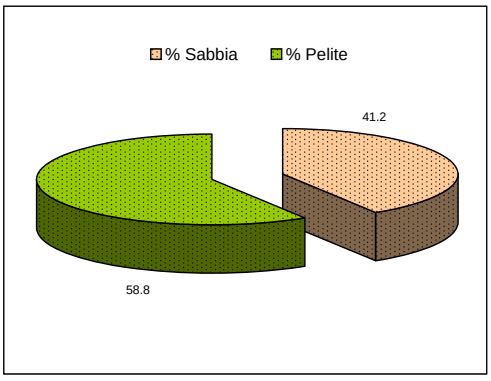
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.698
Deviazione Standard	2.317
Asimmetria (Skewness)	0.078
Appuntimento (Kurtosis)	0.984
Mediana (Φ)	4.656
Moda (Φ)	4.000

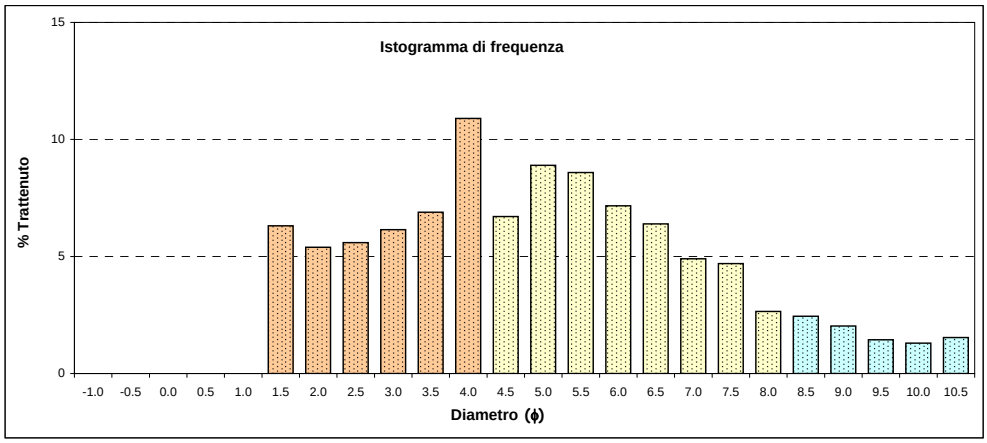
Percentili (Φ)	
5	1.381
16	2.367
25	3.102
50	4.656
75	6.238
84	7.070
95	8.913

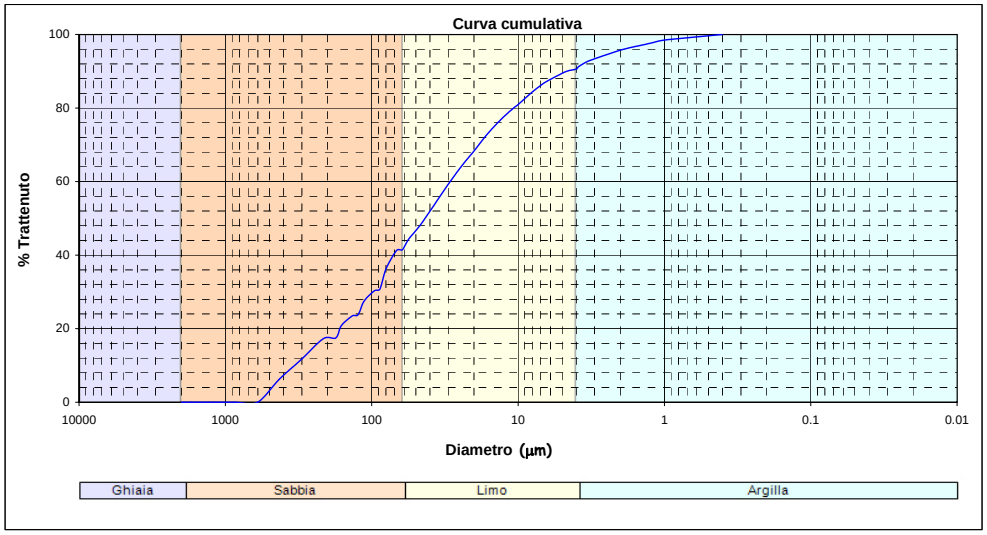
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	6.31%	6.31%
353.55	1.5		
353.55	1.5	5.40%	11.71%
250	2		
250	2	5.59%	17.30%
176.78	2.5		
176.78	2.5	0.21%	17.51%
175	2.515		
175	2.515	3.32%	20.83%
147	2.766		
147	2.766	2.61%	23.44%
125	3		
125	3	0.37%	23.81%
123	3.023		
123	3.023	3.66%	27.47%
103	3.279		
103	3.279	2.87%	30.34%
88.39	3.5		
88.39	3.5	0.47%	30.81%
87	3.523		
87	3.523	5.41%	36.22%
73	3.776		
73	3.776	5.02%	41.24%
62.5	4		
62.5	4	0.23%	41.47%
61	4.035		
61	4.035	2.89%	44.36%
51	4.293		
51	4.293	3.58%	47.94%
43	4.54		
43	4.54	4.30%	52.24%
36	4.796		
36	4.796	4.60%	56.84%
30	5.059		
30	5.059	4.50%	61.34%
25	5.322		
25	5.322	4.09%	65.43%
21	5.573		
21	5.573	3.40%	68.83%
18	5.796		
18	5.796	3.77%	72.59%
15	6.059		
15	6.059	3.44%	76.03%
12.5	6.322		
12.5	6.322	2.96%	78.99%
10.5	6.573		
10.5	6.573	2.36%	81.35%
9	6.796		
9	6.796	2.54%	83.89%
7.5	7.059		
7.5	7.059	2.75%	86.65%
6	7.381		
6	7.381	1.94%	88.59%
5	7.644		
5	7.644	1.41%	90.00%
4.3	7.861		
4.3	7.861	0.62%	90.62%
4	7.966		
4	7.966	0.62%	91.24%
3.7	8.078		
3.7	8.078	1.30%	92.54%
3.1	8.334		
3.1	8.334	1.15%	93.69%
2.6	8.587		
2.6	8.587	0.98%	94.67%
2.2	8.828		
2.2	8.828	1.05%	95.72%
1.8	9.118		
1.8	9.118	0.85%	96.57%
1.5	9.381		
1.5	9.381	0.60%	97.16%
1.3	9.587		
1.3	9.587	0.63%	97.79%
1.1	9.828		
1.1	9.828	0.67%	98.46%
0.9	10.118		
< 0,900	> 10,118	1.54%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(100-125)
Peso totale (g)	48.8
Frazione > 63 μm (%)	33.3
Frazione < 63 μm (%)	66.7

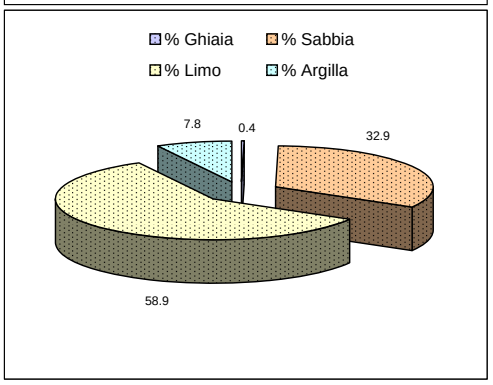
Frazione grossolana (> 63 μm) = 33.3	
% Ghiaia	% Sabbia
0.4	32.9

Frazione pelitica (< 63 μm) = 66.7	
% Limo	% Argilla
58.9	7.8

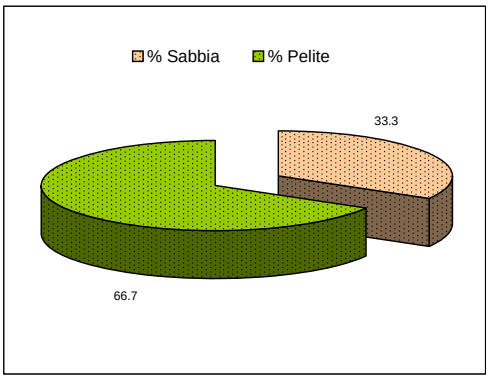
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.897
Deviazione Standard	2.114
Asimmetria (Skewness)	0.009
Appuntimento (Kurtosis)	1.310
Mediana (Φ)	4.859
Moda (Φ)	5.000

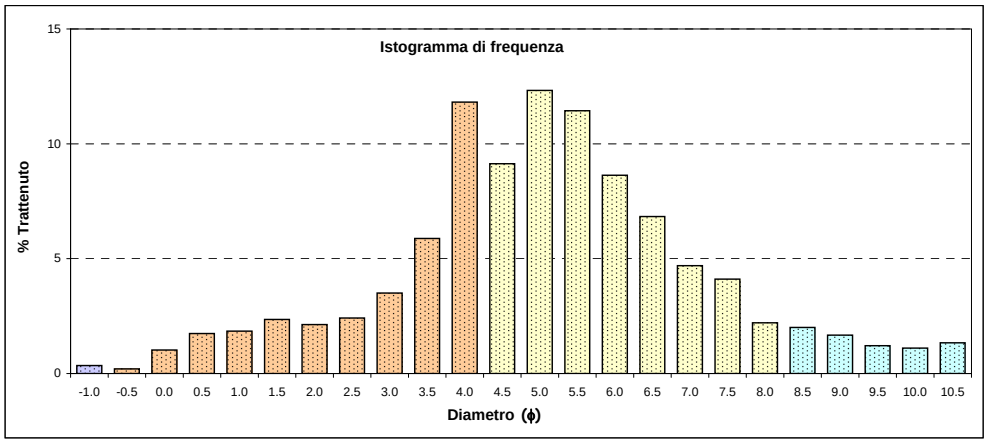
Percentili (Φ)	
5	0.947
16	3.032
25	3.652
50	4.859
75	6.071
84	6.799
95	8.682

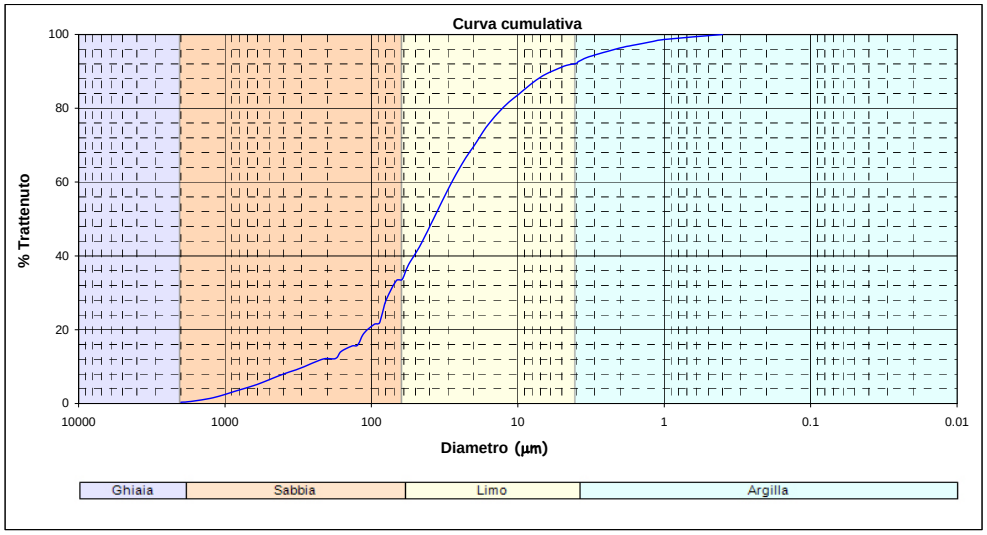
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.35%	0.35%
2000	-1	0.21%	0.55%
1414.21	-0.5		
1414.21	-0.5	1.03%	1.58%
1000	0		
1000	0	1.74%	3.32%
707.11	0.5		
707.11	0.5	1.85%	5.17%
500	1		
500	1	2.36%	7.53%
353.55	1.5		
353.55	1.5	2.13%	9.66%
250	2		
250	2	2.42%	12.08%
176.78	2.5		
176.78	2.5	0.12%	12.20%
175	2.515		
175	2.515	1.90%	14.09%
147	2.766		
147	2.766	1.49%	15.58%
125	3		
125	3	0.31%	15.89%
123	3.023		
123	3.023	3.06%	18.95%
103	3.279		
103	3.279	2.52%	21.46%
88.39	3.5		
88.39	3.5	0.48%	21.95%
87	3.523		
87	3.523	5.74%	27.69%
73	3.776		
73	3.776	5.59%	33.28%
62.5	4		
62.5	4	0.31%	33.59%
61	4.035		
61	4.035	3.90%	37.49%
51	4.293		
51	4.293	4.92%	42.41%
43	4.54		
43	4.54	5.96%	48.37%
36	4.796		
36	4.796	6.36%	54.73%
30	5.059		
30	5.059	6.11%	60.84%
25	5.322		
25	5.322	5.33%	66.17%
21	5.573		
21	5.573	4.23%	70.40%
18	5.796		
18	5.796	4.41%	74.81%
15	6.059		
15	6.059	3.78%	78.58%
12.5	6.322		
12.5	6.322	3.06%	81.64%
10.5	6.573		
10.5	6.573	2.32%	83.97%
9	6.796		
9	6.796	2.38%	86.34%
7.5	7.059		
7.5	7.059	2.45%	88.79%
6	7.381		
6	7.381	1.66%	90.45%
5	7.644		
5	7.644	1.18%	91.63%
4.3	7.861		
4.3	7.861	0.51%	92.15%
4	7.966		
4	7.966	0.51%	92.66%
3.7	8.078		
3.7	8.078	1.07%	93.73%
3.1	8.334		
3.1	8.334	0.94%	94.67%
2.6	8.587		
2.6	8.587	0.80%	95.47%
2.2	8.828		
2.2	8.828	0.87%	96.34%
1.8	9.118		
1.8	9.118	0.71%	97.05%
1.5	9.381		
1.5	9.381	0.50%	97.55%
1.3	9.587		
1.3	9.587	0.54%	98.09%
1.1	9.828		
1.1	9.828	0.57%	98.67%
0.9	10.118		
< 0,900	> 10,118	1.33%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(125-150)
Peso totale (g)	69.2
Frazione > 63 μm (%)	28.5
Frazione < 63 μm (%)	71.5

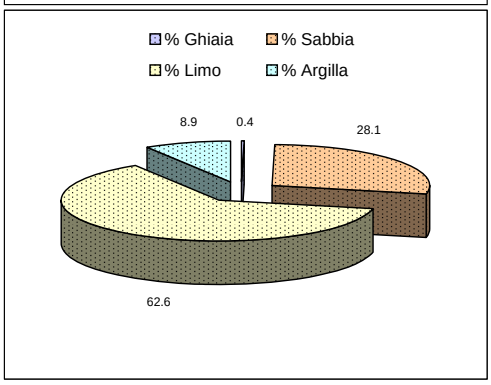
Frazione grossolana (> 63 μm) = 28.5	
% Ghiaia	% Sabbia
0.4	28.1

Frazione pelitica (< 63 μm) = 71.5	
% Limo	% Argilla
62.6	8.9

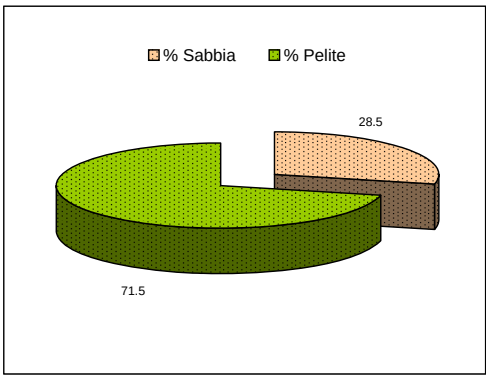
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.137
Deviazione Standard	2.044
Asimmetria (Skewness)	0.025
Appuntimento (Kurtosis)	1.253
Mediana (Φ)	5.093
Moda (Φ)	5.500

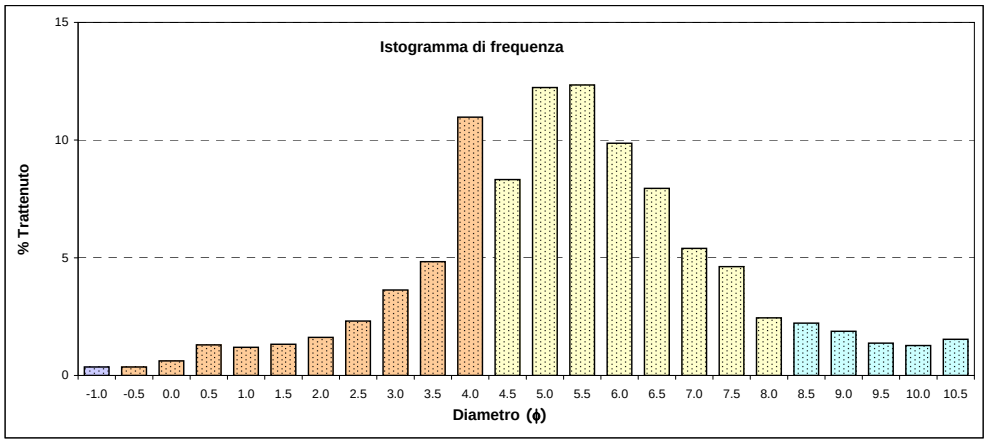
Percentili (Φ)	
5	1.424
16	3.327
25	3.842
50	5.093
75	6.277
84	6.991
95	8.870

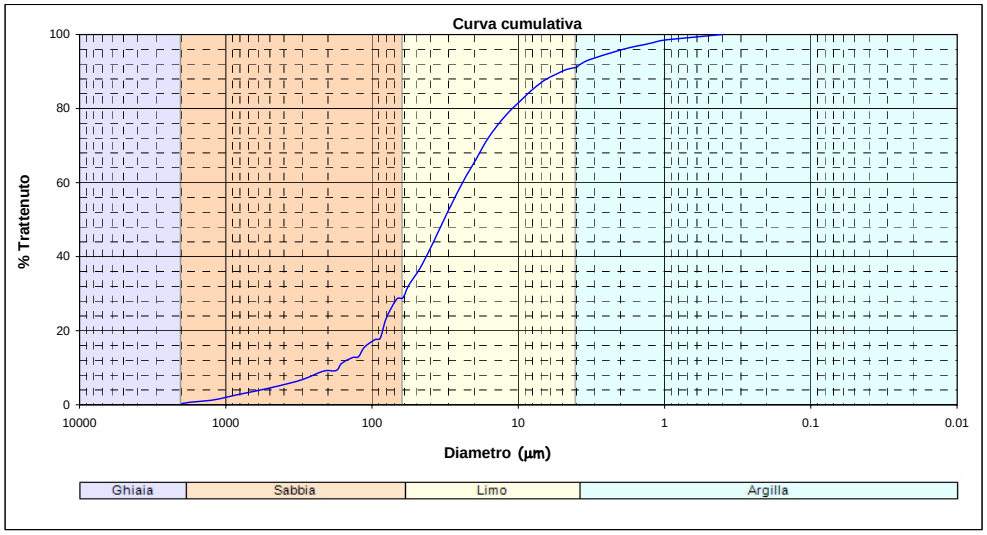
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.36%	0.36%
2000	-1	0.36%	0.72%
1414.21	-0.5		
1414.21	-0.5	0.62%	1.34%
1000	0		
1000	0	1.30%	2.64%
707.11	0.5		
707.11	0.5	1.20%	3.84%
500	1		
500	1	1.33%	5.17%
353.55	1.5		
353.55	1.5	1.62%	6.79%
250	2		
250	2	2.31%	9.10%
176.78	2.5		
176.78	2.5	0.12%	9.23%
175	2.515		
175	2.515	1.96%	11.19%
147	2.766		
147	2.766	1.54%	12.73%
125	3		
125	3	0.25%	12.99%
123	3.023		
123	3.023	2.54%	15.53%
103	3.279		
103	3.279	2.04%	17.57%
88.39	3.5		
88.39	3.5	0.46%	18.03%
87	3.523		
87	3.523	5.36%	23.38%
73	3.776		
73	3.776	5.16%	28.55%
62.5	4		
62.5	4	0.26%	28.81%
61	4.035		
61	4.035	3.48%	32.29%
51	4.293		
51	4.293	4.58%	36.87%
43	4.54		
43	4.54	5.78%	42.65%
36	4.796		
36	4.796	6.45%	49.10%
30	5.059		
30	5.059	6.47%	55.57%
25	5.322		
25	5.322	5.87%	61.44%
21	5.573		
21	5.573	4.78%	66.22%
18	5.796		
18	5.796	5.08%	71.31%
15	6.059		
15	6.059	4.39%	75.70%
12.5	6.322		
12.5	6.322	3.56%	79.25%
10.5	6.573		
10.5	6.573	2.68%	81.94%
9	6.796		
9	6.796	2.72%	84.65%
7.5	7.059		
7.5	7.059	2.76%	87.42%
6	7.381		
6	7.381	1.86%	89.28%
5	7.644		
5	7.644	1.31%	90.59%
4.3	7.861		
4.3	7.861	0.57%	91.15%
4	7.966		
4	7.966	0.57%	91.72%
3.7	8.078		
3.7	8.078	1.18%	92.90%
3.1	8.334		
3.1	8.334	1.04%	93.95%
2.6	8.587		
2.6	8.587	0.90%	94.85%
2.2	8.828		
2.2	8.828	0.98%	95.83%
1.8	9.118		
1.8	9.118	0.80%	96.63%
1.5	9.381		
1.5	9.381	0.57%	97.20%
1.3	9.587		
1.3	9.587	0.61%	97.81%
1.1	9.828		
1.1	9.828	0.66%	98.47%
0.9	10.118		
< 0,900	> 10,118	1.53%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM15**
Livello (cm)	**(150-175)**
Peso totale (g)	66.6
Frazione > 63 μm (%)	23.8
Frazione < 63 μm (%)	76.2

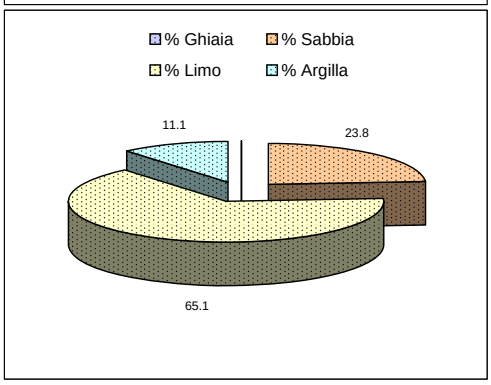
Frazione grossolana (> 63 μm) =	**23.8**
% Ghiaia	**% Sabbia**
0.0	**23.8**

Frazione pelitica (< 63 μm) =	**76.2**
% Limo	**% Argilla**
65.1	**11.1**

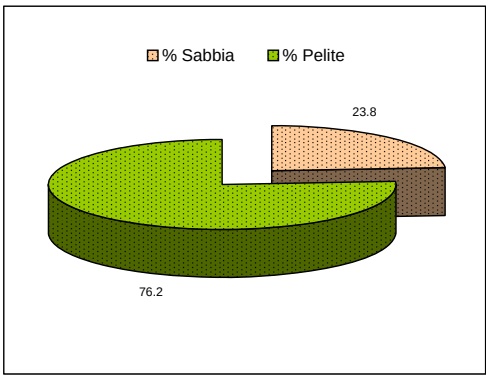
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.366
Deviazione Standard	2.203
Asimmetria (Skewness)	-0.017
Appuntimento (Kurtosis)	1.325
Mediana (Φ)	5.348
Moda (Φ)	5.500

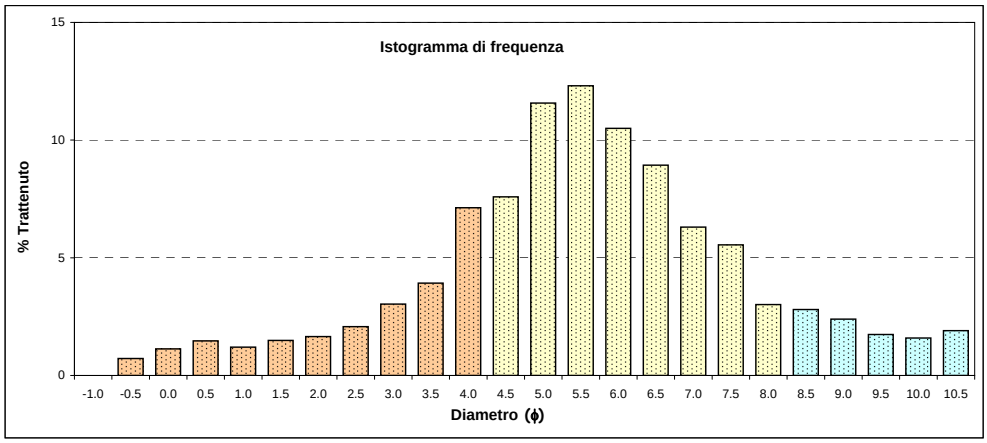
Percentili (Φ)	
5	1.144
16	3.403
25	4.109
50	5.348
75	6.593
84	7.347
95	9.174

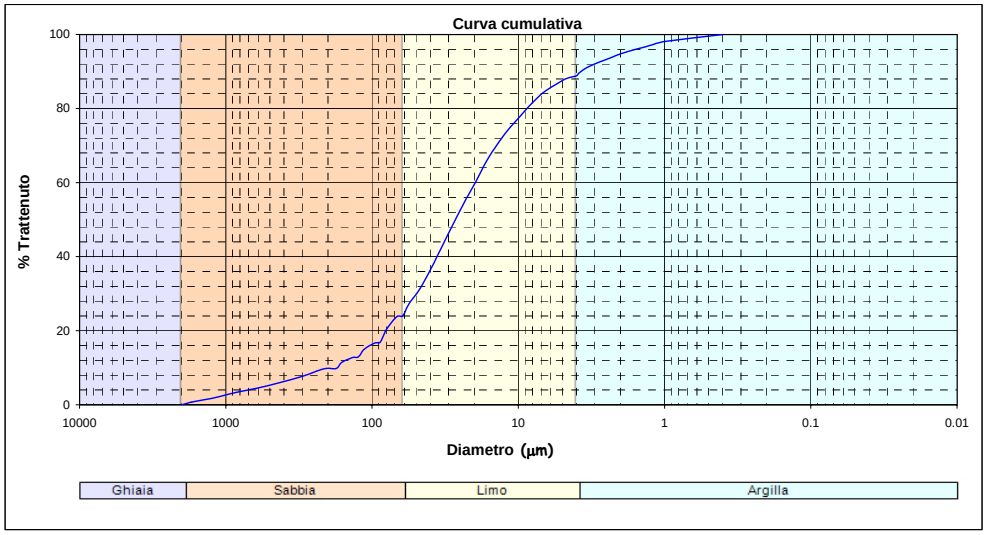
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.72%	0.72%
1414.21	-0.5		
1414.21	-0.5	1.13%	1.85%
1000	0		
1000	0	1.47%	3.32%
707.11	0.5		
707.11	0.5	1.20%	4.52%
500	1		
500	1	1.49%	6.01%
353.55	1.5		
353.55	1.5	1.65%	7.66%
250	2		
250	2	2.07%	9.73%
176.78	2.5		
176.78	2.5	0.10%	9.83%
175	2.515		
175	2.515	1.64%	11.47%
147	2.766		
147	2.766	1.29%	12.76%
125	3		
125	3	0.21%	12.97%
123	3.023		
123	3.023	2.09%	15.06%
103	3.279		
103	3.279	1.63%	16.69%
88.39	3.5		
88.39	3.5	0.27%	16.95%
87	3.523		
87	3.523	3.32%	20.27%
73	3.776		
73	3.776	3.54%	23.81%
62.5	4		
62.5	4	0.23%	24.04%
61	4.035		
61	4.035	3.15%	27.18%
51	4.293		
51	4.293	4.21%	31.40%
43	4.54		
43	4.54	5.41%	36.80%
36	4.796		
36	4.796	6.17%	42.97%
30	5.059		
30	5.059	6.35%	49.33%
25	5.322		
25	5.322	5.96%	55.28%
21	5.573		
21	5.573	5.01%	60.29%
18	5.796		
18	5.796	5.49%	65.78%
15	6.059		
15	6.059	4.88%	70.66%
12.5	6.322		
12.5	6.322	4.05%	74.71%
10.5	6.573		
10.5	6.573	3.11%	77.82%
9	6.796		
9	6.796	3.20%	81.01%
7.5	7.059		
7.5	7.059	3.30%	84.32%
6	7.381		
6	7.381	2.25%	86.56%
5	7.644		
5	7.644	1.60%	88.16%
4.3	7.861		
4.3	7.861	0.70%	88.87%
4	7.966		
4	7.966	0.70%	89.57%
3.7	8.078		
3.7	8.078	1.48%	91.05%
3.1	8.334		
3.1	8.334	1.32%	92.38%
2.6	8.587		
2.6	8.587	1.14%	93.52%
2.2	8.828		
2.2	8.828	1.25%	94.77%
1.8	9.118		
1.8	9.118	1.02%	95.78%
1.5	9.381		
1.5	9.381	0.72%	96.51%
1.3	9.587		
1.3	9.587	0.77%	97.28%
1.1	9.828		
1.1	9.828	0.82%	98.10%
0.9	10.118		
< 0,900	> 10,118	1.90%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(175-200)
Peso totale (g)	33.6
Frazione > 63 μm (%)	21.3
Frazione < 63 μm (%)	78.7

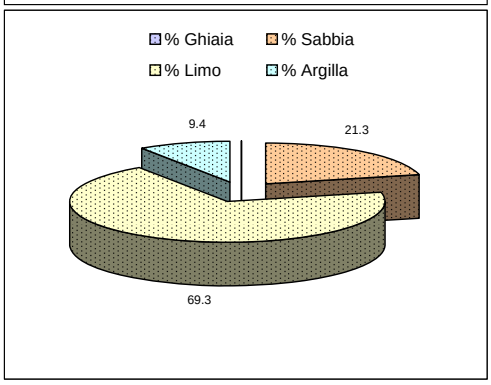
Frazione grossolana (> 63 μm) = 21.3	
% Ghiaia	% Sabbia
0.0	21.3

Frazione pelitica (< 63 μm) = 78.7	
% Limo	% Argilla
69.3	9.4

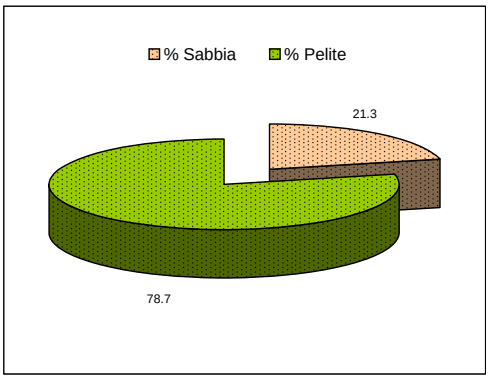
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.352
Deviazione Standard	1.786
Asimmetria (Skewness)	0.162
Appuntimento (Kurtosis)	1.168
Mediana (Φ)	5.201
Moda (Φ)	5.000

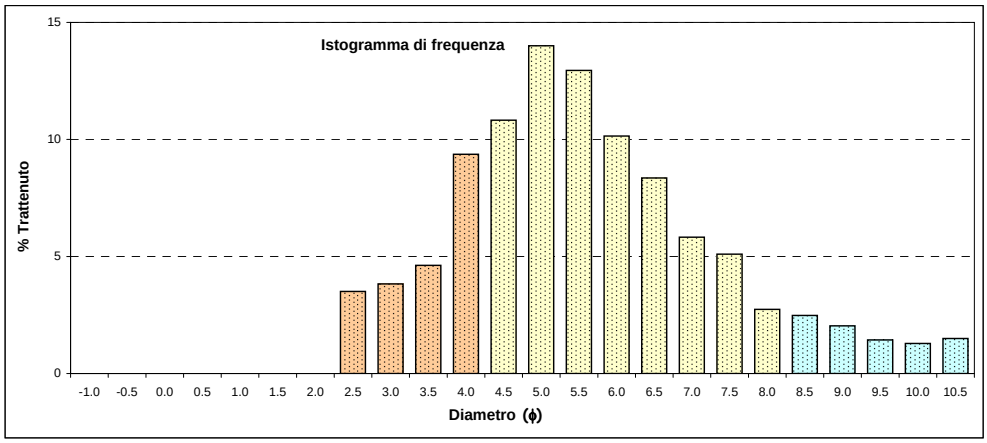
Percentili (Φ)	
5	2.675
16	3.741
25	4.212
50	5.201
75	6.396
84	7.115
95	8.898

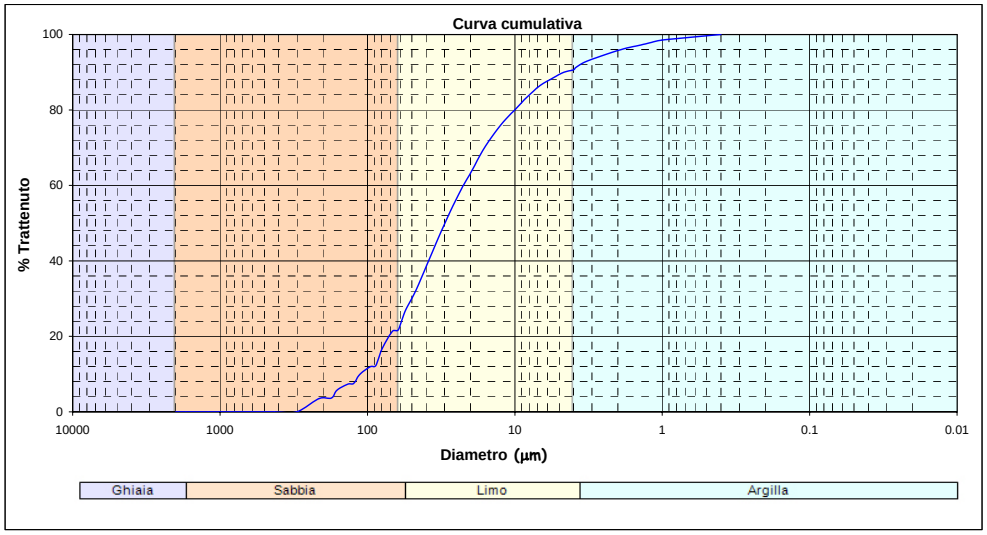
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.50%	3.50%
176.78	2.5		
176.78	2.5	0.13%	3.64%
175	2.515		
175	2.515	2.07%	5.71%
147	2.766		
147	2.766	1.63%	7.34%
125	3		
125	3	0.23%	7.57%
123	3.023		
123	3.023	2.32%	9.89%
103	3.279		
103	3.279	2.07%	11.95%
88.39	3.5		
88.39	3.5	0.32%	12.27%
87	3.523		
87	3.523	4.28%	16.55%
73	3.776		
73	3.776	4.77%	21.32%
62.5	4		
62.5	4	0.38%	21.70%
61	4.035		
61	4.035	4.68%	26.38%
51	4.293		
51	4.293	5.76%	32.14%
43	4.54		
43	4.54	6.82%	38.96%
36	4.796		
36	4.796	7.18%	46.14%
30	5.059		
30	5.059	6.88%	53.02%
25	5.322		
25	5.322	6.08%	59.09%
21	5.573		
21	5.573	4.91%	64.00%
18	5.796		
18	5.796	5.24%	69.24%
15	6.059		
15	6.059	4.59%	73.82%
12.5	6.322		
12.5	6.322	3.77%	77.59%
10.5	6.573		
10.5	6.573	2.88%	80.47%
9	6.796		
9	6.796	2.95%	83.42%
7.5	7.059		
7.5	7.059	3.04%	86.46%
6	7.381		
6	7.381	2.06%	88.52%
5	7.644		
5	7.644	1.46%	89.98%
4.3	7.861		
4.3	7.861	0.64%	90.62%
4	7.966		
4	7.966	0.64%	91.26%
3.7	8.078		
3.7	8.078	1.32%	92.58%
3.1	8.334		
3.1	8.334	1.16%	93.74%
2.6	8.587		
2.6	8.587	0.98%	94.73%
2.2	8.828		
2.2	8.828	1.05%	95.78%
1.8	9.118		
1.8	9.118	0.84%	96.62%
1.5	9.381		
1.5	9.381	0.59%	97.22%
1.3	9.587		
1.3	9.587	0.62%	97.84%
1.1	9.828		
1.1	9.828	0.66%	98.50%
0.9	10.118		
< 0,900	> 10,118	1.50%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(200-225)
Peso totale (g)	37.1
Frazione > 63 µm (%)	51.5
Frazione < 63 µm (%)	48.5

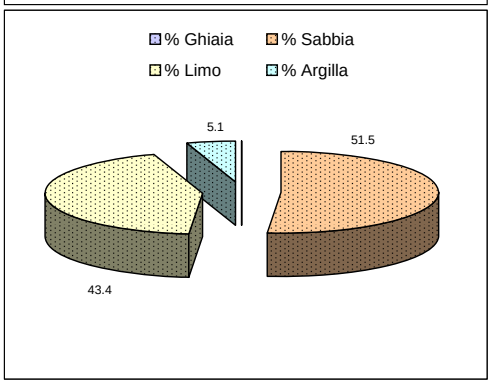
Frazione grossolana (> 63 µm) = 51.5	
% Ghiaia	% Sabbia
0.0	51.5

Frazione pelitica (< 63 µm) = 48.5	
% Limo	% Argilla
43.4	5.1

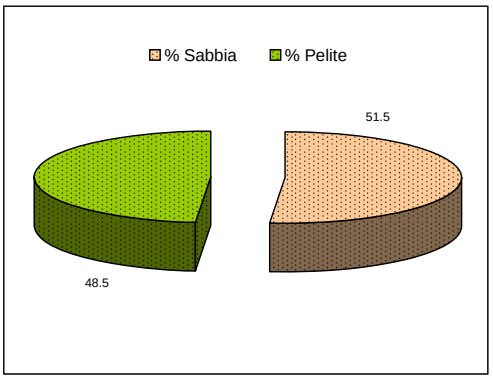
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.961
Deviazione Standard	2.071
Asimmetria (Skewness)	0.110
Appuntimento (Kurtosis)	0.938
Mediana (Φ)	3.942
Moda (Φ)	4.000

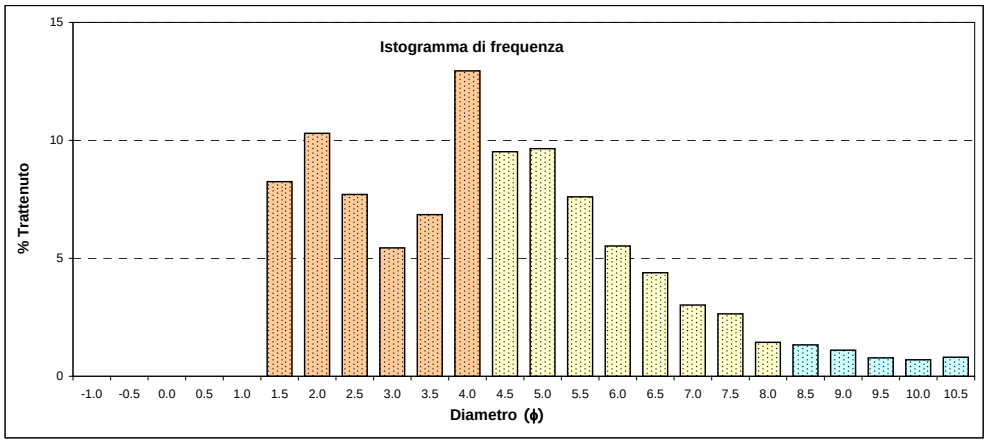
Percentili (Φ)	
5	1.282
16	1.860
25	2.406
50	3.942
75	5.335
84	6.080
95	7.986

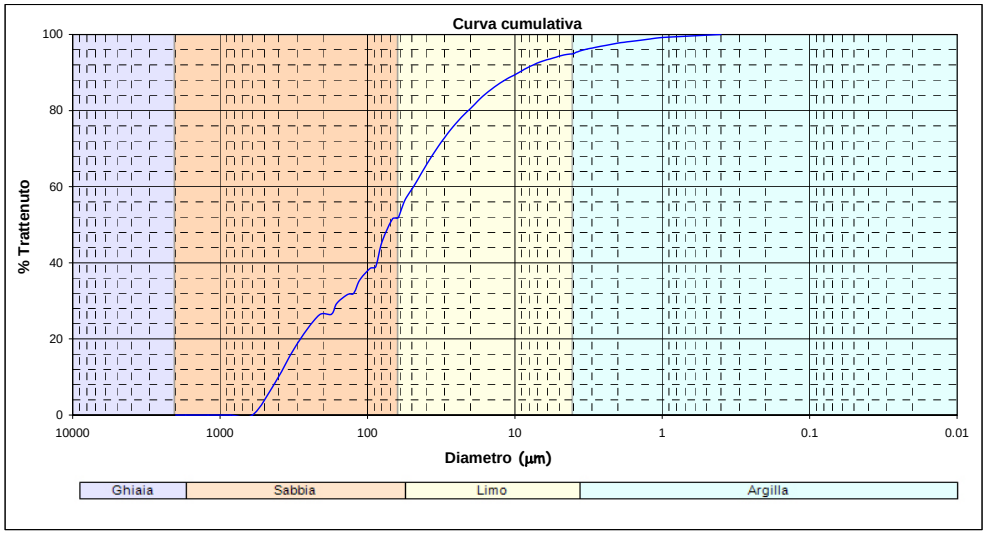
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	8.25%	8.25%
353.55	1.5		
353.55	1.5	10.30%	18.54%
250	2		
250	2	7.71%	26.25%
176.78	2.5		
176.78	2.5	0.19%	26.44%
175	2.515		
175	2.515	2.94%	29.38%
147	2.766		
147	2.766	2.31%	31.69%
125	3		
125	3	0.33%	32.02%
123	3.023		
123	3.023	3.41%	35.43%
103	3.279		
103	3.279	3.11%	38.54%
88.39	3.5		
88.39	3.5	0.50%	39.04%
87	3.523		
87	3.523	6.29%	45.34%
73	3.776		
73	3.776	6.15%	51.49%
62.5	4		
62.5	4	0.41%	51.90%
61	4.035		
61	4.035	4.38%	56.29%
51	4.293		
51	4.293	4.72%	61.01%
43	4.54		
43	4.54	4.95%	65.96%
36	4.796		
36	4.796	4.69%	70.65%
30	5.059		
30	5.059	4.14%	74.80%
25	5.322		
25	5.322	3.46%	78.26%
21	5.573		
21	5.573	2.70%	80.97%
18	5.796		
18	5.796	2.82%	83.79%
15	6.059		
15	6.059	2.42%	86.21%
12.5	6.322		
12.5	6.322	1.97%	88.18%
10.5	6.573		
10.5	6.573	1.49%	89.67%
9	6.796		
9	6.796	1.53%	91.19%
7.5	7.059		
7.5	7.059	1.57%	92.76%
6	7.381		
6	7.381	1.07%	93.84%
5	7.644		
5	7.644	0.76%	94.60%
4.3	7.861		
4.3	7.861	0.34%	94.94%
4	7.966		
4	7.966	0.34%	95.27%
3.7	8.078		
3.7	8.078	0.71%	95.98%
3.1	8.334		
3.1	8.334	0.62%	96.60%
2.6	8.587		
2.6	8.587	0.53%	97.14%
2.2	8.828		
2.2	8.828	0.57%	97.71%
1.8	9.118		
1.8	9.118	0.46%	98.17%
1.5	9.381		
1.5	9.381	0.32%	98.49%
1.3	9.587		
1.3	9.587	0.34%	98.83%
1.1	9.828		
1.1	9.828	0.36%	99.19%
0.9	10.118		
< 0,900	> 10,118	0.81%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(225-250)
Peso totale (g)	86.9
Frazione > 63 μm (%)	77.2
Frazione < 63 μm (%)	22.8

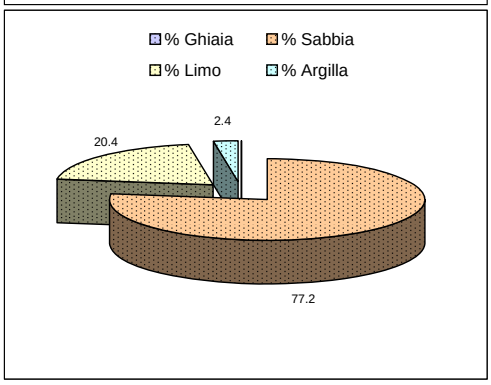
Frazione grossolana (> 63 μm) = 77.2	
% Ghiaia	% Sabbia
0.0	77.2

Frazione pelitica (< 63 μm) = 22.8	
% Limo	% Argilla
20.4	2.4

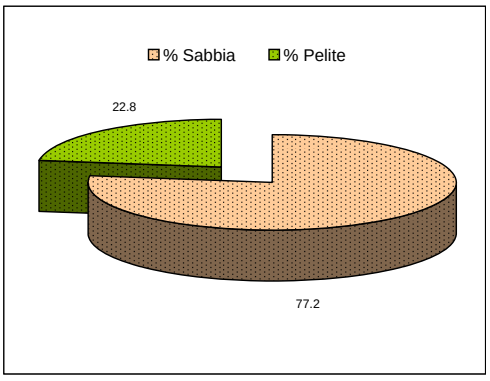
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.888
Deviazione Standard	1.913
Asimmetria (Skewness)	0.224
Appuntimento (Kurtosis)	1.164
Mediana (Φ)	2.657
Moda (Φ)	2.000

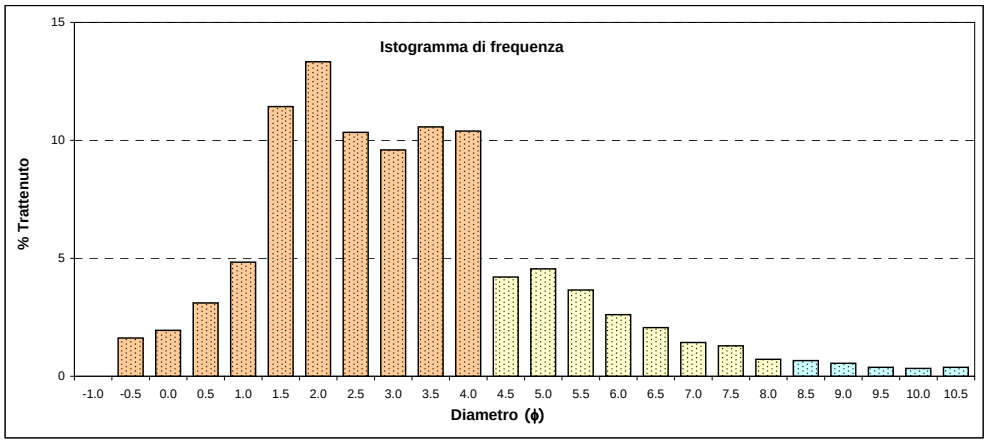
Percentili (Φ)	
5	0.209
16	1.176
25	1.567
50	2.657
75	3.890
84	4.829
95	6.808

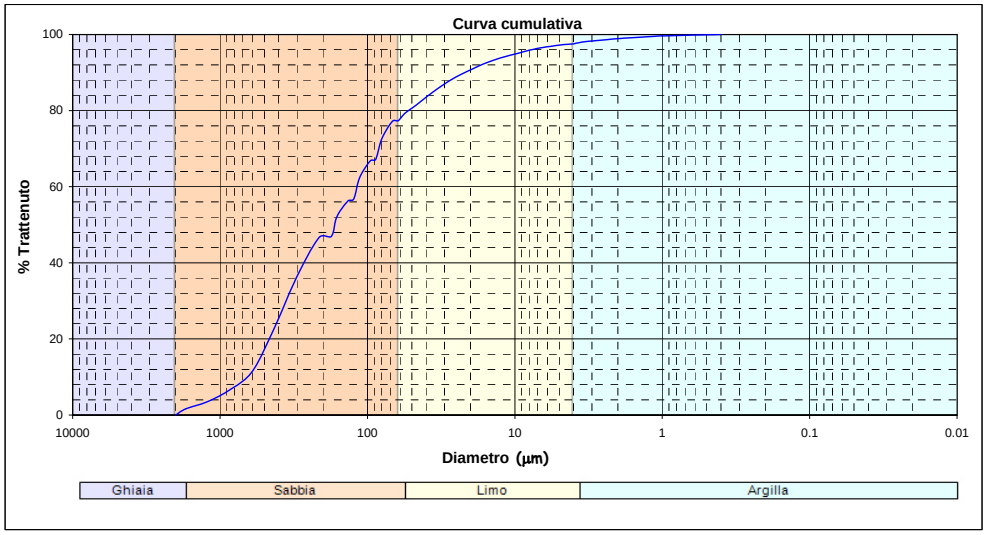
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	1.62%	1.62%
1414.21	-0.5		
1414.21	-0.5	1.95%	3.57%
1000	0		
1000	0	3.11%	6.68%
707.11	0.5		
707.11	0.5	4.84%	11.51%
500	1		
500	1	11.43%	22.95%
353.55	1.5		
353.55	1.5	13.33%	36.28%
250	2		
250	2	10.34%	46.62%
176.78	2.5		
176.78	2.5	0.33%	46.95%
175	2.515		
175	2.515	5.19%	52.14%
147	2.766		
147	2.766	4.07%	56.21%
125	3		
125	3	0.56%	56.78%
123	3.023		
123	3.023	5.65%	62.43%
103	3.279		
103	3.279	4.36%	66.78%
88.39	3.5		
88.39	3.5	0.48%	67.26%
87	3.523		
87	3.523	5.31%	72.56%
73	3.776		
73	3.776	4.61%	77.18%
62.5	4		
62.5	4	0.17%	77.34%
61	4.035		
61	4.035	1.90%	79.25%
51	4.293		
51	4.293	2.13%	81.38%
43	4.54		
43	4.54	2.31%	83.69%
36	4.796		
36	4.796	2.24%	85.93%
30	5.059		
30	5.059	1.99%	87.93%
25	5.322		
25	5.322	1.66%	89.58%
21	5.573		
21	5.573	1.28%	90.87%
18	5.796		
18	5.796	1.33%	92.20%
15	6.059		
15	6.059	1.14%	93.33%
12.5	6.322		
12.5	6.322	0.92%	94.26%
10.5	6.573		
10.5	6.573	0.70%	94.96%
9	6.796		
9	6.796	0.73%	95.69%
7.5	7.059		
7.5	7.059	0.76%	96.45%
6	7.381		
6	7.381	0.53%	96.98%
5	7.644		
5	7.644	0.38%	97.36%
4.3	7.861		
4.3	7.861	0.17%	97.53%
4	7.966		
4	7.966	0.17%	97.70%
3.7	8.078		
3.7	8.078	0.35%	98.05%
3.1	8.334		
3.1	8.334	0.31%	98.36%
2.6	8.587		
2.6	8.587	0.26%	98.62%
2.2	8.828		
2.2	8.828	0.28%	98.91%
1.8	9.118		
1.8	9.118	0.22%	99.13%
1.5	9.381		
1.5	9.381	0.16%	99.29%
1.3	9.587		
1.3	9.587	0.16%	99.45%
1.1	9.828		
1.1	9.828	0.17%	99.62%
0.9	10.118		
< 0,900	> 10,118	0.38%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM15
Livello (cm)	(250-275)
Peso totale (g)	66.8
Frazione > 63 μm (%)	70.9
Frazione < 63 μm (%)	29.1

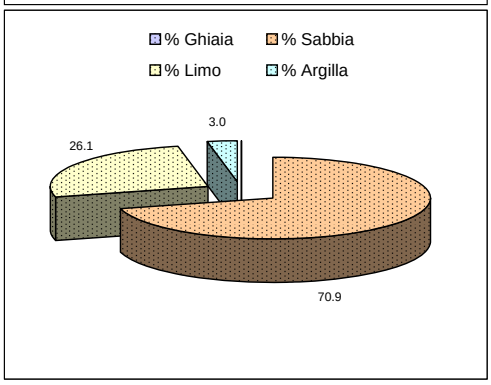
Frazione grossolana (> 63 μm) = 70.9	
% Ghiaia	% Sabbia
0.0	70.9

Frazione pelitica (< 63 μm) = 29.1	
% Limo	% Argilla
26.1	3.0

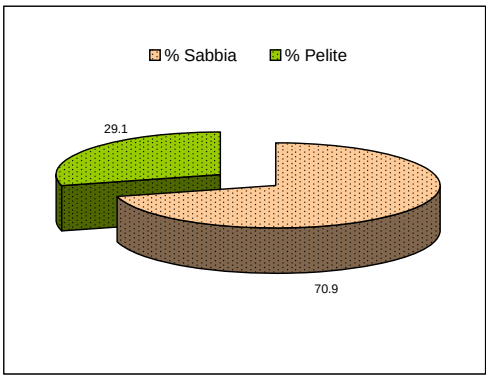
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.511
Deviazione Standard	1.656
Asimmetria (Skewness)	0.254
Appuntimento (Kurtosis)	1.271
Mediana (Φ)	3.320
Moda (Φ)	3.500

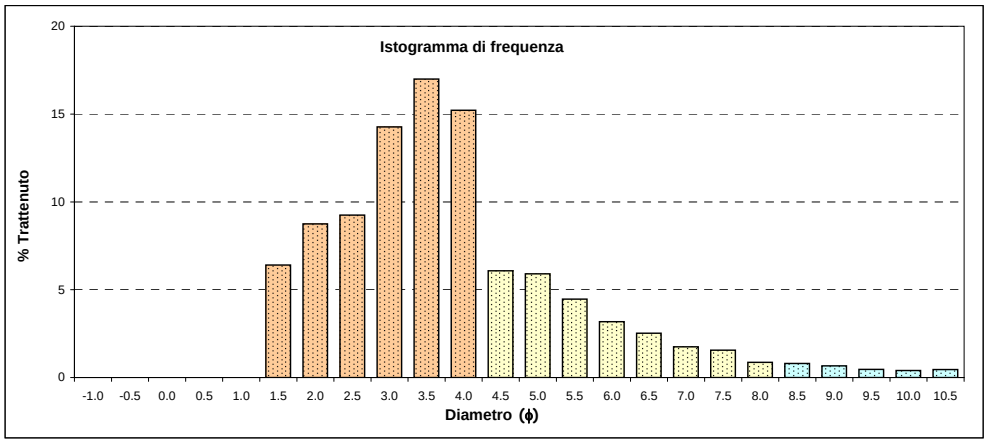
Percentili (Φ)	
5	1.374
16	2.039
25	2.518
50	3.320
75	4.373
84	5.175
95	7.130

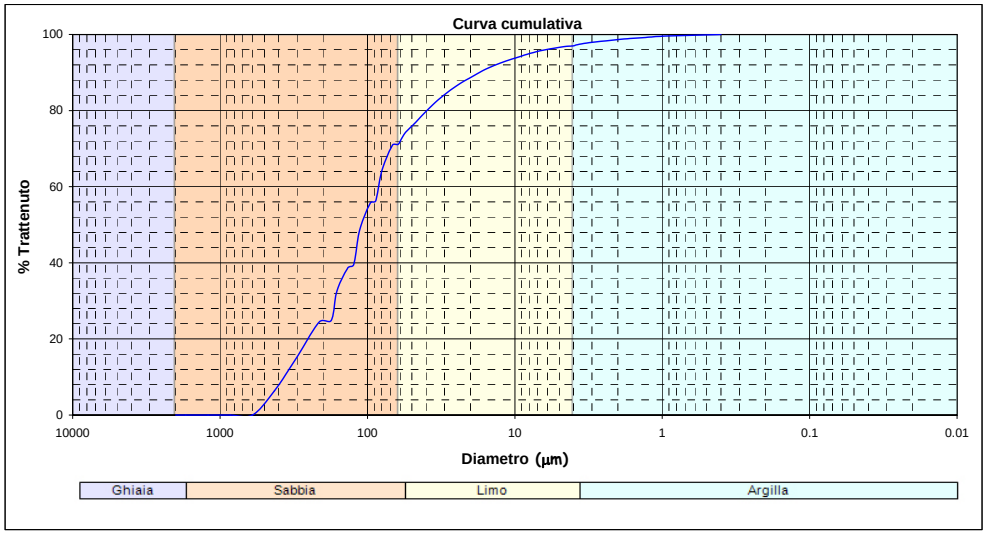
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	6.41%	6.41%
353.55	1.5		
353.55	1.5	8.74%	15.15%
250	2		
250	2	9.25%	24.40%
176.78	2.5		
176.78	2.5	0.49%	24.89%
175	2.515		
175	2.515	7.71%	32.61%
147	2.766		
147	2.766	6.06%	38.67%
125	3		
125	3	0.90%	39.56%
123	3.023		
123	3.023	9.06%	48.62%
103	3.279		
103	3.279	7.04%	55.66%
88.39	3.5		
88.39	3.5	0.69%	56.35%
87	3.523		
87	3.523	7.78%	64.12%
73	3.776		
73	3.776	6.76%	70.88%
62.5	4		
62.5	4	0.27%	71.15%
61	4.035		
61	4.035	2.83%	73.98%
51	4.293		
51	4.293	2.98%	76.96%
43	4.54		
43	4.54	3.07%	80.03%
36	4.796		
36	4.796	2.84%	82.86%
30	5.059		
30	5.059	2.45%	85.32%
25	5.322		
25	5.322	2.01%	87.33%
21	5.573		
21	5.573	1.56%	88.89%
18	5.796		
18	5.796	1.62%	90.51%
15	6.059		
15	6.059	1.39%	91.90%
12.5	6.322		
12.5	6.322	1.13%	93.03%
10.5	6.573		
10.5	6.573	0.86%	93.89%
9	6.796		
9	6.796	0.89%	94.78%
7.5	7.059		
7.5	7.059	0.93%	95.70%
6	7.381		
6	7.381	0.64%	96.34%
5	7.644		
5	7.644	0.46%	96.80%
4.3	7.861		
4.3	7.861	0.20%	97.00%
4	7.966		
4	7.966	0.20%	97.20%
3.7	8.078		
3.7	8.078	0.43%	97.63%
3.1	8.334		
3.1	8.334	0.38%	98.01%
2.6	8.587		
2.6	8.587	0.32%	98.33%
2.2	8.828		
2.2	8.828	0.34%	98.67%
1.8	9.118		
1.8	9.118	0.27%	98.95%
1.5	9.381		
1.5	9.381	0.19%	99.14%
1.3	9.587		
1.3	9.587	0.20%	99.33%
1.1	9.828		
1.1	9.828	0.21%	99.54%
0.9	10.118		
< 0,900	> 10,118	0.46%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM15**
Livello (cm)	**(275-300)**
Peso totale (g)	11.0
Frazione > 63 μm (%)	17.2
Frazione < 63 μm (%)	82.8

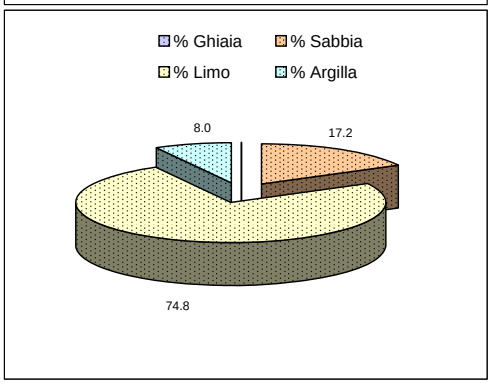
Frazione grossolana (> 63 μm) = 17.2	
% Ghiaia	**% Sabbia**
0.0	**17.2**

Frazione pelitica (< 63 μm) = 82.8	
% Limo	**% Argilla**
74.8	**8.0**

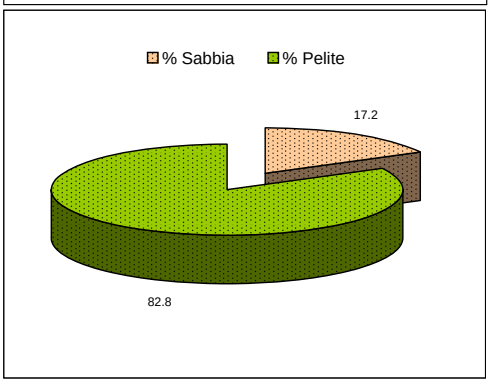
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.283
Deviazione Standard	1.506
Asimmetria (Skewness)	0.312
Appuntimento (Kurtosis)	1.113
Mediana (Φ)	5.058
Moda (Φ)	4.500

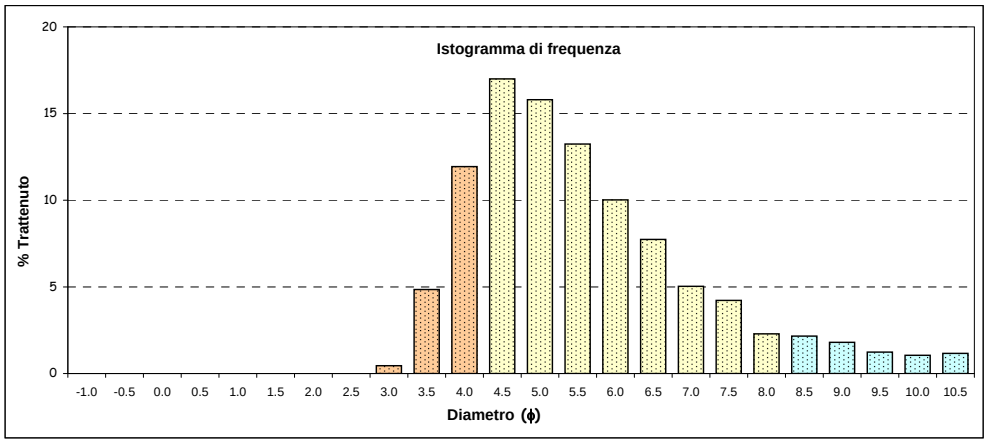
Percentili (Φ)	
5	3.477
16	3.953
25	4.250
50	5.058
75	6.157
84	6.839
95	8.656

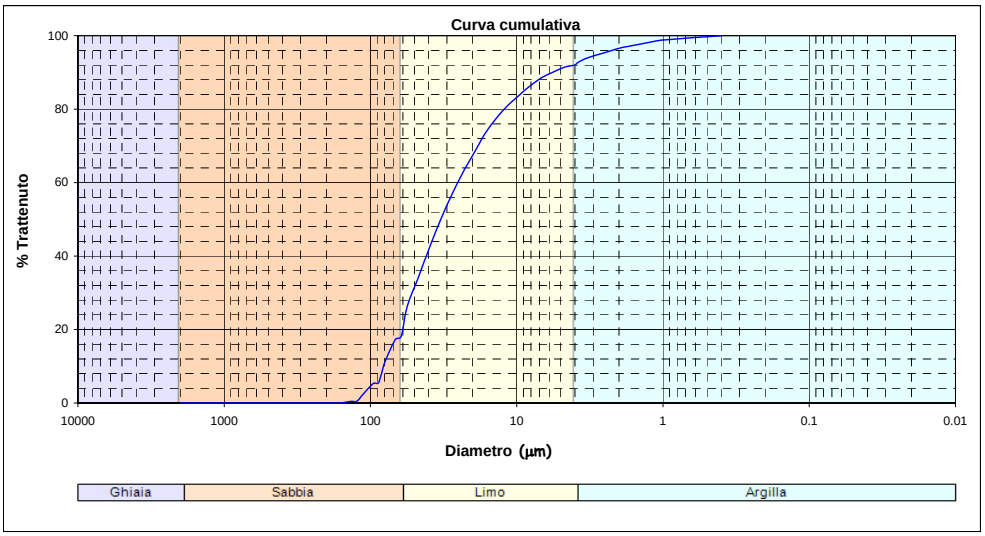
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.45%	0.45%
125	3		
125	3	0.04%	0.49%
123	3.023		
123	3.023	1.76%	2.25%
103	3.279		
103	3.279	3.05%	5.30%
88.39	3.5		
88.39	3.5	0.29%	5.59%
87	3.523		
87	3.523	5.38%	10.97%
73	3.776		
73	3.776	6.27%	17.24%
62.5	4		
62.5	4	0.90%	18.13%
61	4.035		
61	4.035	8.12%	26.26%
51	4.293		
51	4.293	7.98%	34.24%
43	4.54		
43	4.54	8.07%	42.31%
36	4.796		
36	4.796	7.73%	50.04%
30	5.059		
30	5.059	7.08%	57.12%
25	5.322		
25	5.322	6.15%	63.27%
21	5.573		
21	5.573	4.91%	68.18%
18	5.796		
18	5.796	5.11%	73.29%
15	6.059		
15	6.059	4.32%	77.61%
12.5	6.322		
12.5	6.322	3.42%	81.03%
10.5	6.573		
10.5	6.573	2.52%	83.56%
9	6.796		
9	6.796	2.51%	86.07%
7.5	7.059		
7.5	7.059	2.52%	88.59%
6	7.381		
6	7.381	1.70%	90.28%
5	7.644		
5	7.644	1.21%	91.49%
4.3	7.861		
4.3	7.861	0.54%	92.03%
4	7.966		
4	7.966	0.54%	92.57%
3.7	8.078		
3.7	8.078	1.14%	93.71%
3.1	8.334		
3.1	8.334	1.02%	94.74%
2.6	8.587		
2.6	8.587	0.87%	95.61%
2.2	8.828		
2.2	8.828	0.93%	96.54%
1.8	9.118		
1.8	9.118	0.73%	97.27%
1.5	9.381		
1.5	9.381	0.51%	97.78%
1.3	9.587		
1.3	9.587	0.52%	98.30%
1.1	9.828		
1.1	9.828	0.54%	98.83%
0.9	10.118		
< 0,900	> 10,118	1.17%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM16
Livello (cm)	(0-25)
Peso totale (g)	27.1
Frazione > 63 µm (%)	15.4
Frazione < 63 µm (%)	84.6

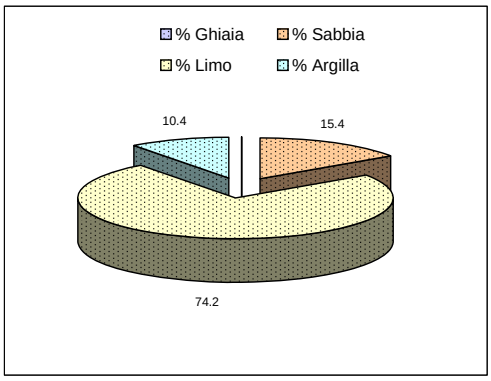
Frazione grossolana (> 63 µm) = 15.4	
% Ghiaia	% Sabbia
0.0	15.4

Frazione pelitica (< 63 µm) = 84.6	
% Limo	% Argilla
74.2	10.4

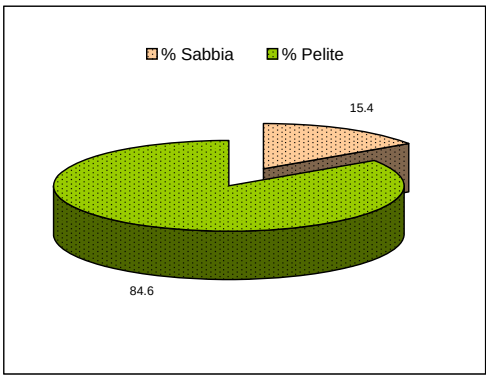
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.683
Deviazione Standard	1.862
Asimmetria (Skewness)	-0.036
Appuntimento (Kurtosis)	1.664
Mediana (Φ)	5.717
Moda (Φ)	6.000

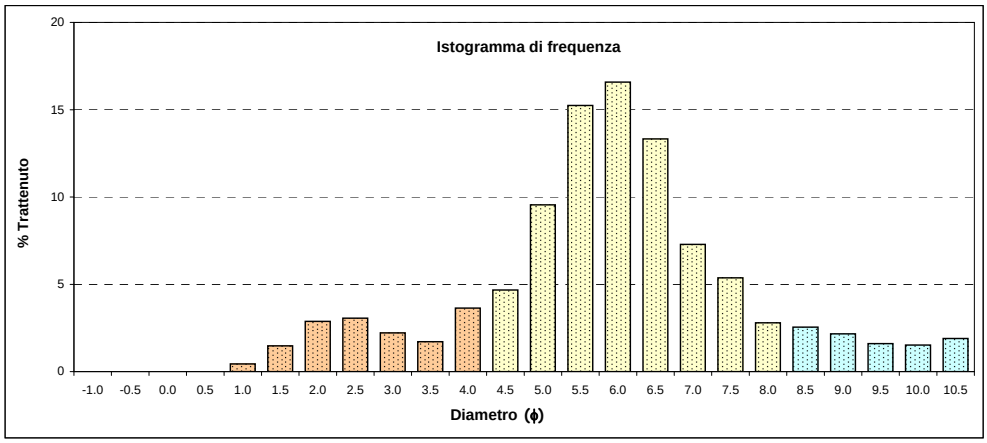
Percentili (Φ)	
5	2.028
16	4.092
25	4.836
50	5.717
75	6.584
84	7.240
95	9.125

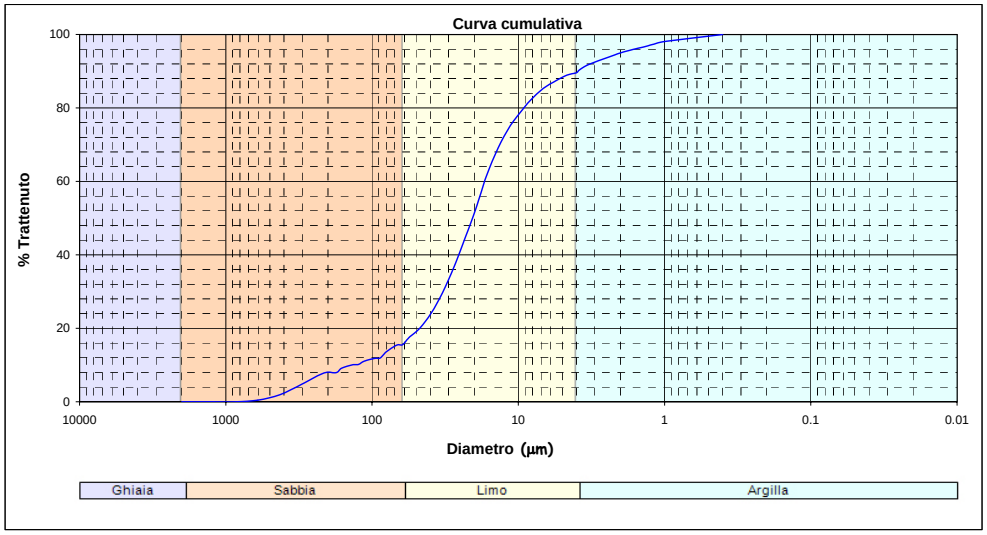
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.44%	0.44%
500	1		
500	1	1.48%	1.92%
353.55	1.5		
353.55	1.5	2.88%	4.80%
250	2		
250	2	3.06%	7.86%
176.78	2.5		
176.78	2.5	0.08%	7.94%
175	2.515		
175	2.515	1.20%	9.14%
147	2.766		
147	2.766	0.94%	10.08%
125	3		
125	3	0.09%	10.17%
123	3.023		
123	3.023	0.91%	11.08%
103	3.279		
103	3.279	0.71%	11.79%
88.39	3.5		
88.39	3.5	0.13%	11.92%
87	3.523		
87	3.523	1.66%	13.58%
73	3.776		
73	3.776	1.85%	15.43%
62.5	4		
62.5	4	0.13%	15.56%
61	4.035		
61	4.035	1.85%	17.41%
51	4.293		
51	4.293	2.69%	20.10%
43	4.54		
43	4.54	3.99%	24.09%
36	4.796		
36	4.796	5.56%	29.65%
30	5.059		
30	5.059	7.15%	36.80%
25	5.322		
25	5.322	8.10%	44.90%
21	5.573		
21	5.573	7.69%	52.59%
18	5.796		
18	5.796	8.89%	61.48%
15	6.059		
15	6.059	7.62%	69.10%
12.5	6.322		
12.5	6.322	5.71%	74.80%
10.5	6.573		
10.5	6.573	3.84%	78.64%
9	6.796		
9	6.796	3.45%	82.09%
7.5	7.059		
7.5	7.059	3.25%	85.33%
6	7.381		
6	7.381	2.13%	87.46%
5	7.644		
5	7.644	1.49%	88.95%
4.3	7.861		
4.3	7.861	0.65%	89.60%
4	7.966		
4	7.966	0.65%	90.26%
3.7	8.078		
3.7	8.078	1.35%	91.61%
3.1	8.334		
3.1	8.334	1.20%	92.81%
2.6	8.587		
2.6	8.587	1.03%	93.84%
2.2	8.828		
2.2	8.828	1.13%	94.97%
1.8	9.118		
1.8	9.118	0.93%	95.90%
1.5	9.381		
1.5	9.381	0.67%	96.58%
1.3	9.587		
1.3	9.587	0.73%	97.31%
1.1	9.828		
1.1	9.828	0.79%	98.10%
0.9	10.118		
< 0,900	> 10,118	1.90%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM16
Livello (cm)	(25-50)
Peso totale (g)	25.3
Frazione > 63 μm (%)	15.0
Frazione < 63 μm (%)	85.0

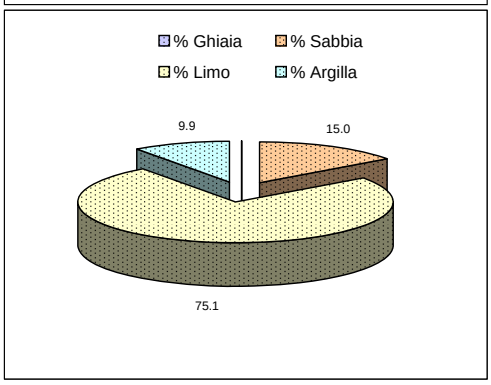
Frazione grossolana (> 63 μm) = 15.0	
% Ghiaia	% Sabbia
0.0	15.0

Frazione pelitica (< 63 μm) = 85.0	
% Limo	% Argilla
75.1	9.9

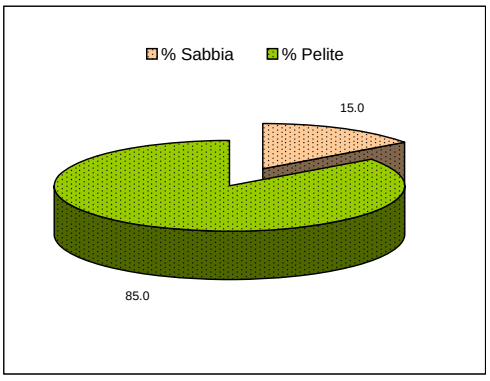
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.634
Deviazione Standard	1.814
Asimmetria (Skewness)	-0.008
Appuntimento (Kurtosis)	1.657
Mediana (Φ)	5.634
Moda (Φ)	6.000

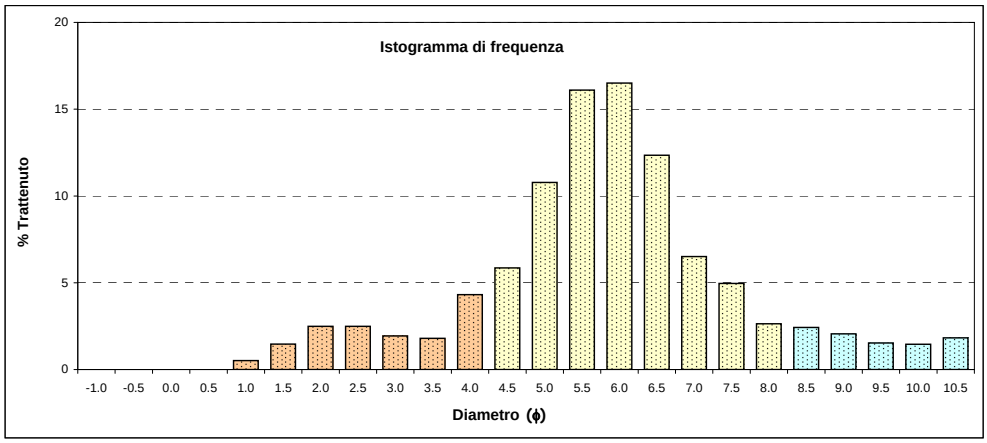
Percentili (Φ)	
5	2.094
16	4.118
25	4.767
50	5.634
75	6.491
84	7.149
95	9.064

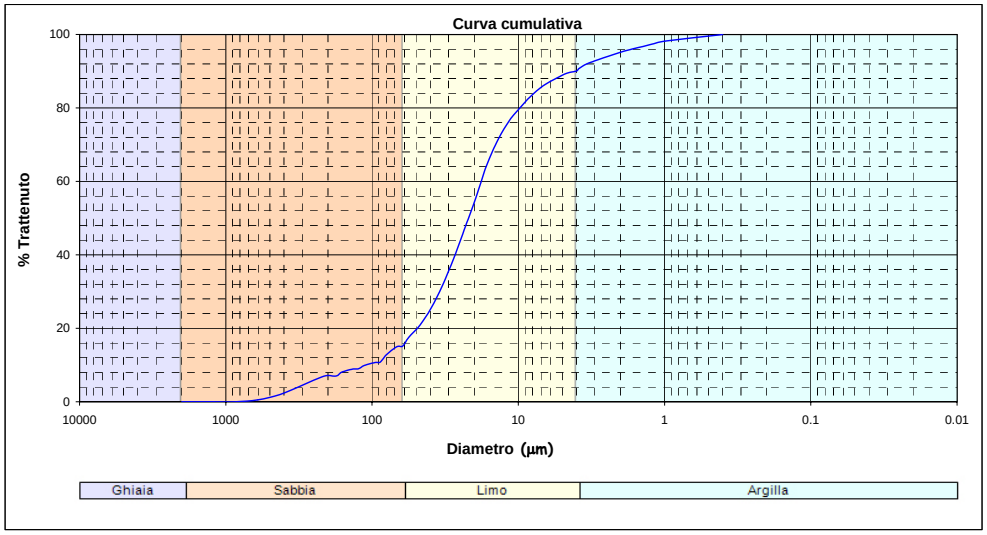
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.51%	0.51%
500	1		
500	1	1.46%	1.98%
353.55	1.5		
353.55	1.5	2.49%	4.47%
250	2		
250	2	2.49%	6.95%
176.78	2.5		
176.78	2.5	0.07%	7.02%
175	2.515		
175	2.515	1.05%	8.07%
147	2.766		
147	2.766	0.82%	8.89%
125	3		
125	3	0.09%	8.98%
123	3.023		
123	3.023	0.91%	9.89%
103	3.279		
103	3.279	0.80%	10.69%
88.39	3.5		
88.39	3.5	0.14%	10.83%
87	3.523		
87	3.523	1.94%	12.77%
73	3.776		
73	3.776	2.23%	15.00%
62.5	4		
62.5	4	0.18%	15.18%
61	4.035		
61	4.035	2.39%	17.57%
51	4.293		
51	4.293	3.28%	20.86%
43	4.54		
43	4.54	4.62%	25.47%
36	4.796		
36	4.796	6.16%	31.64%
30	5.059		
30	5.059	7.66%	39.29%
25	5.322		
25	5.322	8.45%	47.74%
21	5.573		
21	5.573	7.81%	55.55%
18	5.796		
18	5.796	8.70%	64.25%
15	6.059		
15	6.059	7.17%	71.41%
12.5	6.322		
12.5	6.322	5.18%	76.59%
10.5	6.573		
10.5	6.573	3.42%	80.01%
9	6.796		
9	6.796	3.09%	83.10%
7.5	7.059		
7.5	7.059	2.97%	86.08%
6	7.381		
6	7.381	1.98%	88.06%
5	7.644		
5	7.644	1.41%	89.47%
4.3	7.861		
4.3	7.861	0.62%	90.09%
4	7.966		
4	7.966	0.62%	90.70%
3.7	8.078		
3.7	8.078	1.28%	91.99%
3.1	8.334		
3.1	8.334	1.14%	93.12%
2.6	8.587		
2.6	8.587	0.98%	94.11%
2.2	8.828		
2.2	8.828	1.08%	95.18%
1.8	9.118		
1.8	9.118	0.89%	96.07%
1.5	9.381		
1.5	9.381	0.64%	96.72%
1.3	9.587		
1.3	9.587	0.70%	97.42%
1.1	9.828		
1.1	9.828	0.76%	98.18%
0.9	10.118		
< 0,900	> 10,118	1.82%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM16
Livello (cm)	(50-75)
Peso totale (g)	39.6
Frazione > 63 μm (%)	23.4
Frazione < 63 μm (%)	76.6

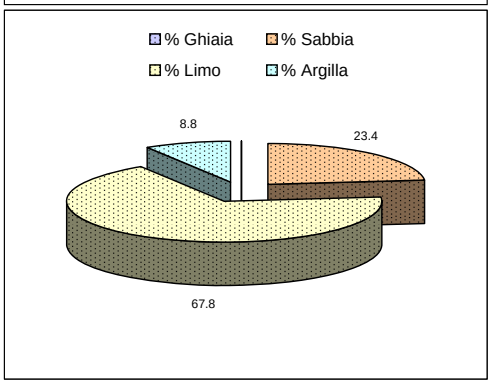
Frazione grossolana (> 63 μm) = 23.4	
% Ghiaia	% Sabbia
0.0	23.4

Frazione pelitica (< 63 μm) = 76.6	
% Limo	% Argilla
67.8	8.8

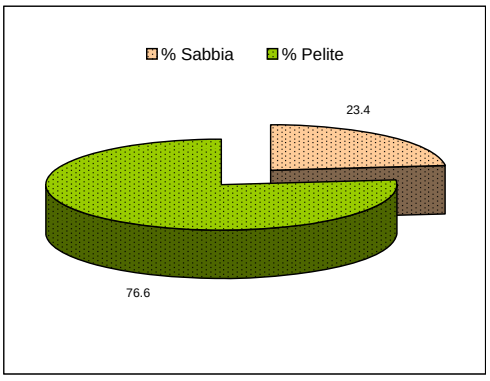
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.182
Deviazione Standard	2.005
Asimmetria (Skewness)	-0.068
Appuntimento (Kurtosis)	1.357
Mediana (Φ)	5.334
Moda (Φ)	5.500

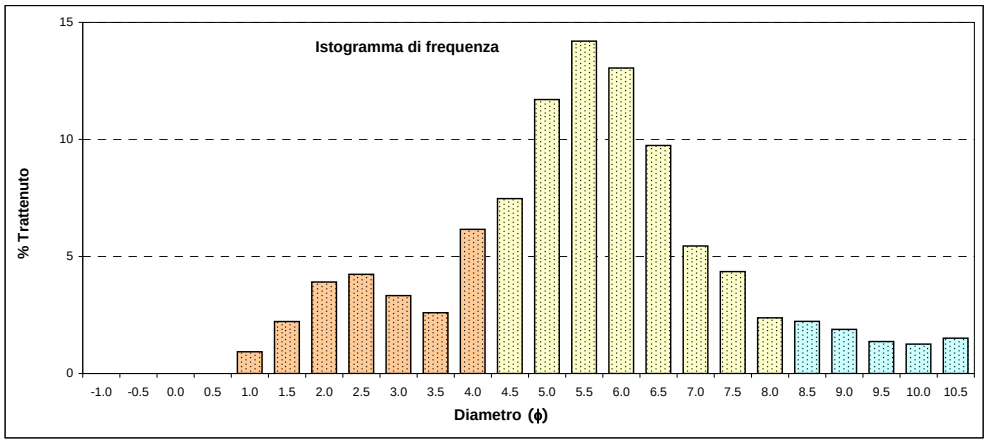
Percentili (Φ)	
5	1.715
16	3.261
25	4.143
50	5.334
75	6.300
84	6.952
95	8.861

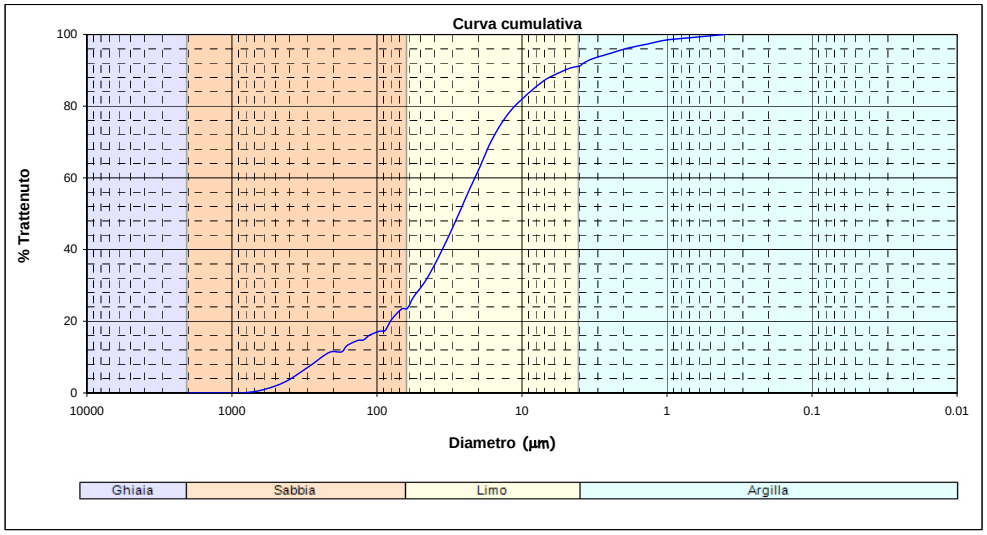
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.93%	0.93%
500	1		
500	1	2.22%	3.15%
353.55	1.5		
353.55	1.5	3.91%	7.06%
250	2		
250	2	4.24%	11.30%
176.78	2.5		
176.78	2.5	0.11%	11.42%
175	2.515		
175	2.515	1.80%	13.22%
147	2.766		
147	2.766	1.41%	14.63%
125	3		
125	3	0.13%	14.76%
123	3.023		
123	3.023	1.32%	16.09%
103	3.279		
103	3.279	1.14%	17.23%
88.39	3.5		
88.39	3.5	0.21%	17.44%
87	3.523		
87	3.523	2.81%	20.25%
73	3.776		
73	3.776	3.14%	23.39%
62.5	4		
62.5	4	0.24%	23.63%
61	4.035		
61	4.035	3.13%	26.76%
51	4.293		
51	4.293	4.11%	30.86%
43	4.54		
43	4.54	5.33%	36.20%
36	4.796		
36	4.796	6.37%	42.57%
30	5.059		
30	5.059	7.07%	49.64%
25	5.322		
25	5.322	7.13%	56.77%
21	5.573		
21	5.573	6.25%	63.03%
18	5.796		
18	5.796	6.80%	69.82%
15	6.059		
15	6.059	5.61%	75.43%
12.5	6.322		
12.5	6.322	4.14%	79.57%
10.5	6.573		
10.5	6.573	2.82%	82.38%
9	6.796		
9	6.796	2.63%	85.02%
7.5	7.059		
7.5	7.059	2.60%	87.61%
6	7.381		
6	7.381	1.76%	89.37%
5	7.644		
5	7.644	1.26%	90.63%
4.3	7.861		
4.3	7.861	0.56%	91.19%
4	7.966		
4	7.966	0.56%	91.75%
3.7	8.078		
3.7	8.078	1.18%	92.93%
3.1	8.334		
3.1	8.334	1.05%	93.98%
2.6	8.587		
2.6	8.587	0.90%	94.88%
2.2	8.828		
2.2	8.828	0.98%	95.86%
1.8	9.118		
1.8	9.118	0.80%	96.66%
1.5	9.381		
1.5	9.381	0.57%	97.23%
1.3	9.587		
1.3	9.587	0.61%	97.84%
1.1	9.828		
1.1	9.828	0.65%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM16
Livello (cm)	(75-100)
Peso totale (g)	48.6
Frazione > 63 μm (%)	28.9
Frazione < 63 μm (%)	71.1

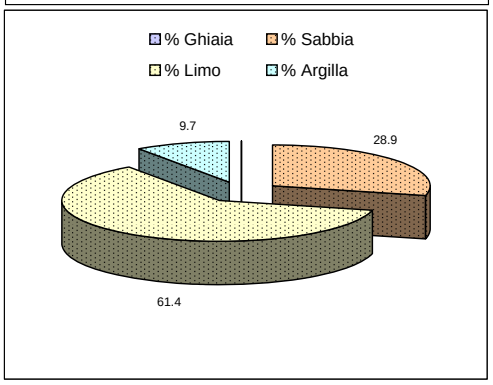
Frazione grossolana (> 63 μm) = 28.9	
% Ghiaia	% Sabbia
0.0	28.9

Frazione pelitica (< 63 μm) = 71.1	
% Limo	% Argilla
61.4	9.7

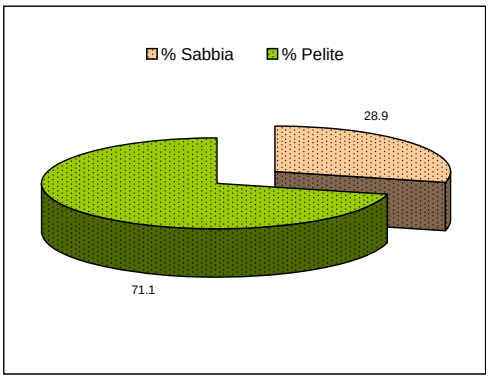
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.040
Deviazione Standard	2.173
Asimmetria (Skewness)	-0.007
Appuntimento (Kurtosis)	1.136
Mediana (Φ)	5.127
Moda (Φ)	5.500

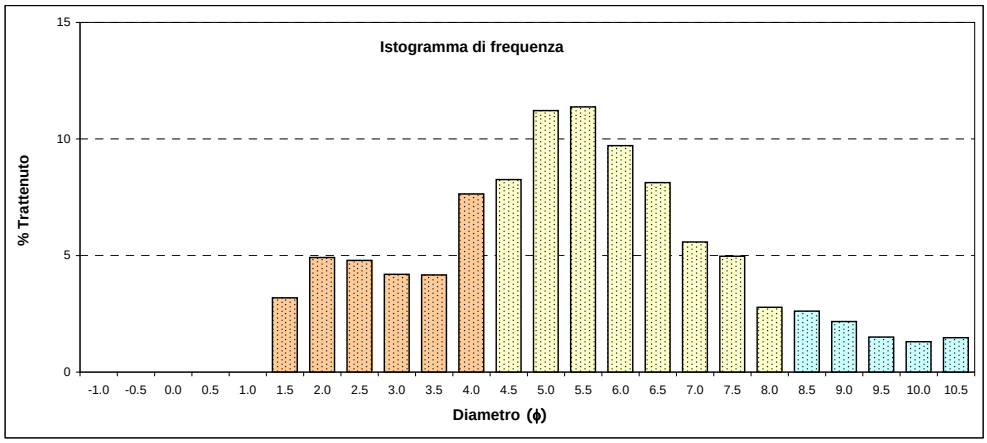
Percentili (Φ)	
5	1.665
16	2.852
25	3.771
50	5.127
75	6.390
84	7.142
95	8.926

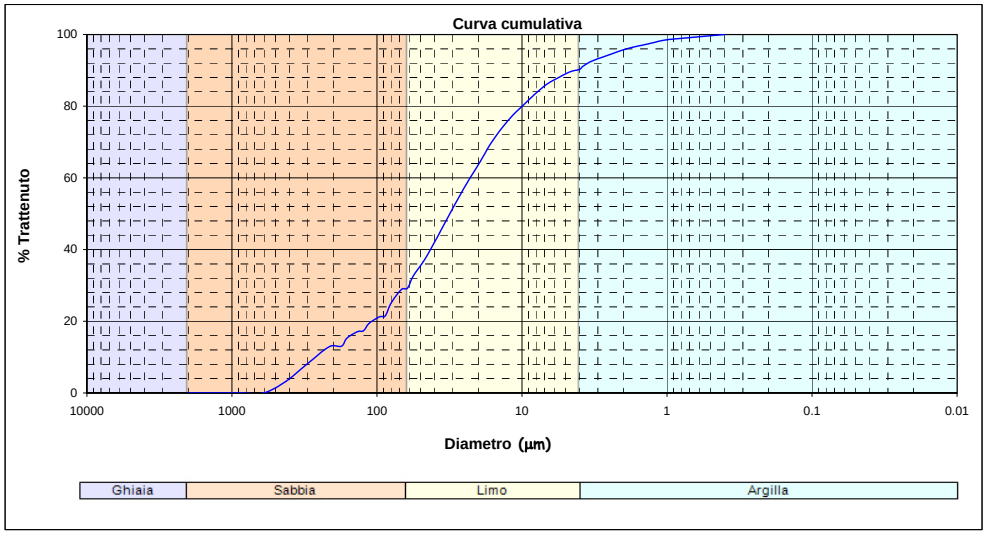
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.19%	3.19%
353.55	1.5		
353.55	1.5	4.92%	8.11%
250	2		
250	2	4.79%	12.90%
176.78	2.5		
176.78	2.5	0.14%	13.04%
175	2.515		
175	2.515	2.27%	15.31%
147	2.766		
147	2.766	1.78%	17.09%
125	3		
125	3	0.21%	17.31%
123	3.023		
123	3.023	2.15%	19.45%
103	3.279		
103	3.279	1.80%	21.26%
88.39	3.5		
88.39	3.5	0.27%	21.53%
87	3.523		
87	3.523	3.53%	25.06%
73	3.776		
73	3.776	3.84%	28.90%
62.5	4		
62.5	4	0.28%	29.18%
61	4.035		
61	4.035	3.55%	32.73%
51	4.293		
51	4.293	4.43%	37.16%
43	4.54		
43	4.54	5.37%	42.52%
36	4.796		
36	4.796	5.85%	48.38%
30	5.059		
30	5.059	5.89%	54.26%
25	5.322		
25	5.322	5.49%	59.75%
21	5.573		
21	5.573	4.63%	64.38%
18	5.796		
18	5.796	5.09%	69.47%
15	6.059		
15	6.059	4.48%	73.94%
12.5	6.322		
12.5	6.322	3.65%	77.59%
10.5	6.573		
10.5	6.573	2.76%	80.35%
9	6.796		
9	6.796	2.82%	83.18%
7.5	7.059		
7.5	7.059	2.94%	86.12%
6	7.381		
6	7.381	2.03%	88.15%
5	7.644		
5	7.644	1.47%	89.62%
4.3	7.861		
4.3	7.861	0.66%	90.27%
4	7.966		
4	7.966	0.66%	90.93%
3.7	8.078		
3.7	8.078	1.39%	92.32%
3.1	8.334		
3.1	8.334	1.23%	93.55%
2.6	8.587		
2.6	8.587	1.05%	94.60%
2.2	8.828		
2.2	8.828	1.12%	95.71%
1.8	9.118		
1.8	9.118	0.89%	96.60%
1.5	9.381		
1.5	9.381	0.62%	97.22%
1.3	9.587		
1.3	9.587	0.64%	97.86%
1.1	9.828		
1.1	9.828	0.66%	98.52%
0.9	10.118		
< 0,900	> 10,118	1.48%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM17**
Livello (cm)	**(0-25)**
Peso totale (g)	23.9
Frazione > 63 μm (%)	7.5
Frazione < 63 μm (%)	92.5

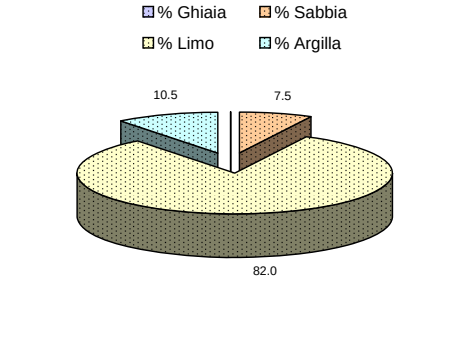
Frazione grossolana (> 63 μm) =	**7.5**
% Ghiaia	**% Sabbia**
0.0	**7.5**

Frazione pelitica (< 63 μm) =	**92.5**
% Limo	**% Argilla**
82.0	**10.5**

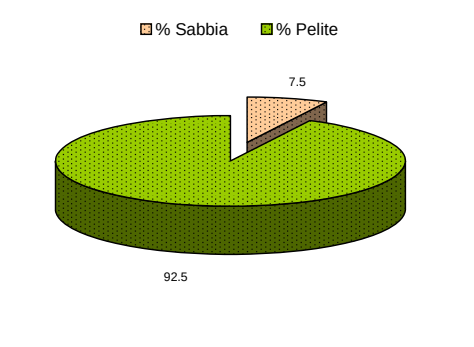
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.879
Deviazione Standard	1.484
Asimmetria (Skewness)	0.177
Appuntimento (Kurtosis)	1.381
Mediana (Φ)	5.784
Moda (Φ)	6.000

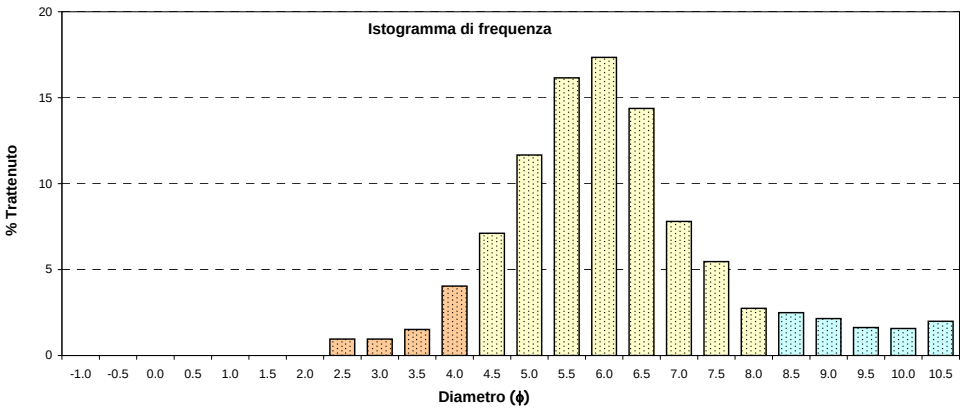
Percentili (Φ)	
5	3.735
16	4.605
25	5.004
50	5.784
75	6.617
84	7.248
95	9.169

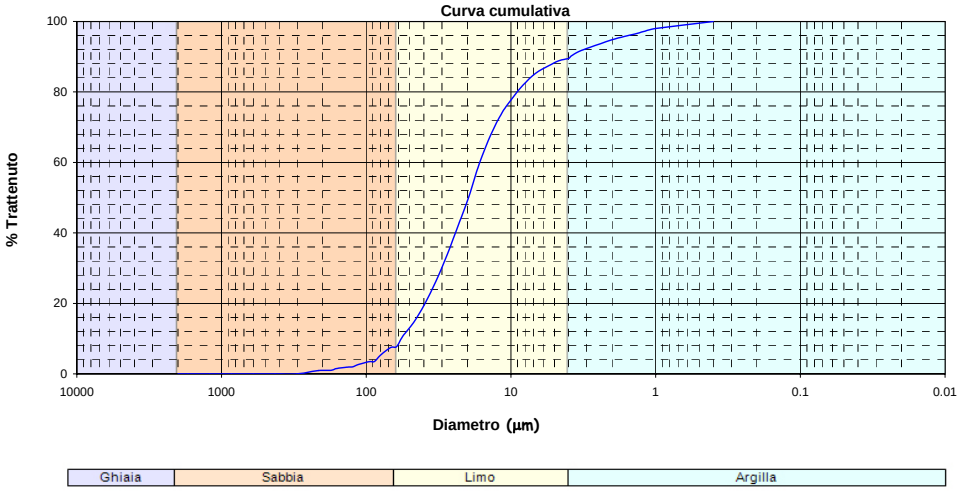
LIMO
(Classificazione di Shepard**)



PELTE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.96%	0.96%
176.78	2.5		
176.78	2.5	0.03%	0.99%
175	2.515		
175	2.515	0.52%	1.51%
147	2.766		
147	2.766	0.41%	1.92%
125	3		
125	3	0.07%	1.99%
123	3.023		
123	3.023	0.68%	2.68%
103	3.279		
103	3.279	0.76%	3.44%
88.39	3.5		
88.39	3.5	0.10%	3.54%
87	3.523		
87	3.523	1.71%	5.25%
73	3.776		
73	3.776	2.23%	7.48%
62.5	4		
62.5	4	0.23%	7.72%
61	4.035		
61	4.035	2.98%	10.69%
51	4.293		
51	4.293	3.90%	14.60%
43	4.54		
43	4.54	5.18%	19.78%
36	4.796		
36	4.796	6.49%	26.27%
30	5.059		
30	5.059	7.72%	33.98%
25	5.322		
25	5.322	8.44%	42.42%
21	5.573		
21	5.573	7.99%	50.41%
18	5.796		
18	5.796	9.36%	59.76%
15	6.059		
15	6.059	8.18%	67.95%
12.5	6.322		
12.5	6.322	6.20%	74.14%
10.5	6.573		
10.5	6.573	4.15%	78.30%
9	6.796		
9	6.796	3.65%	81.95%
7.5	7.059		
7.5	7.059	3.33%	85.28%
6	7.381		
6	7.381	2.13%	87.41%
5	7.644		
5	7.644	1.47%	88.89%
4.3	7.861		
4.3	7.861	0.64%	89.52%
4	7.966		
4	7.966	0.64%	90.16%
3.7	8.078		
3.7	8.078	1.32%	91.48%
3.1	8.334		
3.1	8.334	1.17%	92.66%
2.6	8.587		
2.6	8.587	1.02%	93.67%
2.2	8.828		
2.2	8.828	1.13%	94.80%
1.8	9.118		
1.8	9.118	0.94%	95.74%
1.5	9.381		
1.5	9.381	0.69%	96.43%
1.3	9.587		
1.3	9.587	0.75%	97.18%
1.1	9.828		
1.1	9.828	0.82%	98.00%
0.9	10.118		
< 0,900	> 10,118	2.00%	100.00%

ISPRA
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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM17**
Livello (cm)	**(25-50)**
Peso totale (g)	54.1
Frazione > 63 μm (%)	18.1
Frazione < 63 μm (%)	81.9

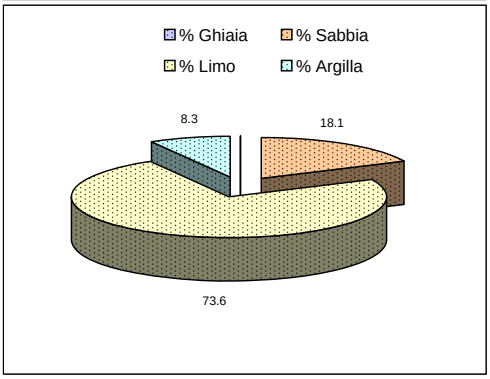
Frazione grossolana (> 63 μm) = 18.1	
% Ghiaia	**% Sabbia**
0.0	**18.1**

Frazione pelitica (< 63 μm) = 81.9	
% Limo	**% Argilla**
73.6	**8.3**

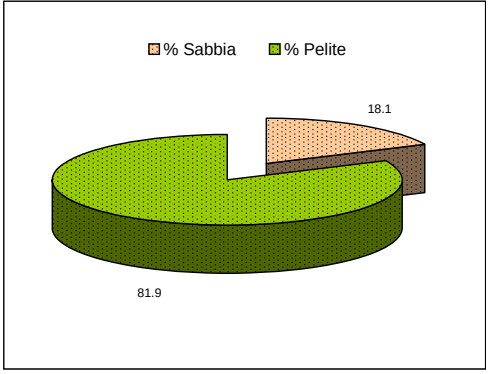
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.373
Deviazione Standard	1.684
Asimmetria (Skewness)	0.060
Appuntimento (Kurtosis)	1.319
Mediana (Φ)	5.368
Moda (Φ)	5.500

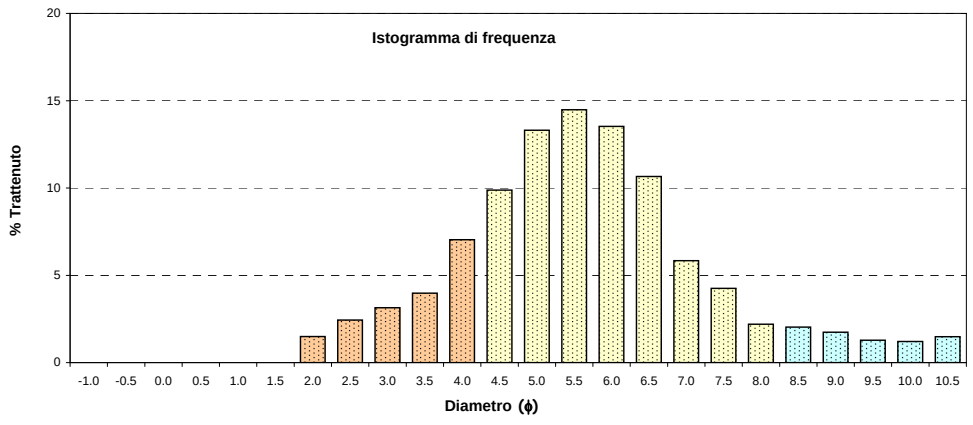
Percentili (Φ)	
5	2.650
16	3.870
25	4.395
50	5.368
75	6.303
84	6.882
95	8.793

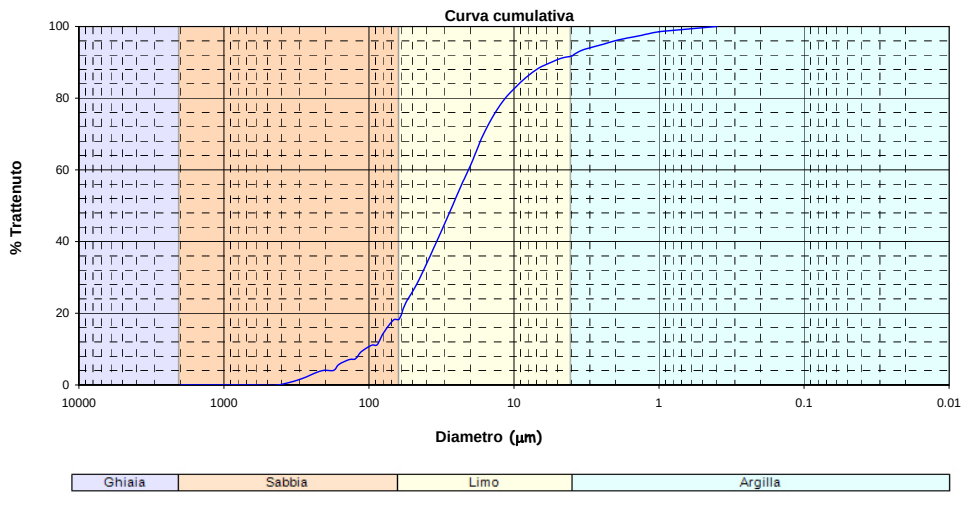
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.50%	1.50%
250	2		
250	2	2.44%	3.94%
176.78	2.5		
176.78	2.5	0.11%	4.05%
175	2.515		
175	2.515	1.70%	5.75%
147	2.766		
147	2.766	1.34%	7.08%
125	3		
125	3	0.20%	7.29%
123	3.023		
123	3.023	2.02%	9.31%
103	3.279		
103	3.279	1.76%	11.06%
88.39	3.5		
88.39	3.5	0.21%	11.27%
87	3.523		
87	3.523	3.08%	14.35%
73	3.776		
73	3.776	3.75%	18.11%
62.5	4		
62.5	4	0.34%	18.45%
61	4.035		
61	4.035	4.27%	22.72%
51	4.293		
51	4.293	5.27%	27.99%
43	4.54		
43	4.54	6.33%	34.32%
36	4.796		
36	4.796	6.98%	41.30%
30	5.059		
30	5.059	7.29%	48.58%
25	5.322		
25	5.322	7.20%	55.78%
21	5.573		
21	5.573	6.38%	62.16%
18	5.796		
18	5.796	7.15%	69.31%
15	6.059		
15	6.059	6.09%	75.40%
12.5	6.322		
12.5	6.322	4.57%	79.97%
10.5	6.573		
10.5	6.573	3.08%	83.04%
9	6.796		
9	6.796	2.76%	85.80%
7.5	7.059		
7.5	7.059	2.58%	88.38%
6	7.381		
6	7.381	1.68%	90.06%
5	7.644		
5	7.644	1.17%	91.23%
4.3	7.861		
4.3	7.861	0.51%	91.74%
4	7.966		
4	7.966	0.51%	92.25%
3.7	8.078		
3.7	8.078	1.07%	93.33%
3.1	8.334		
3.1	8.334	0.96%	94.28%
2.6	8.587		
2.6	8.587	0.83%	95.11%
2.2	8.828		
2.2	8.828	0.91%	96.02%
1.8	9.118		
1.8	9.118	0.75%	96.77%
1.5	9.381		
1.5	9.381	0.54%	97.31%
1.3	9.587		
1.3	9.587	0.58%	97.89%
1.1	9.828		
1.1	9.828	0.63%	98.52%
0.9	10.118		
< 0,900	> 10,118	1.48%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM17
Livello (cm)	(50-75)
Peso totale (g)	28.2
Frazione > 63 µm (%)	26.2
Frazione < 63 µm (%)	73.8

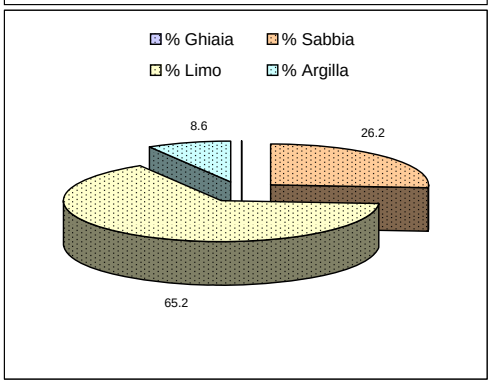
Frazione grossolana (> 63 µm) = 26.2	
% Ghiaia	% Sabbia
0.0	26.2

Frazione pelitica (< 63 µm) = 73.8	
% Limo	% Argilla
65.2	8.6

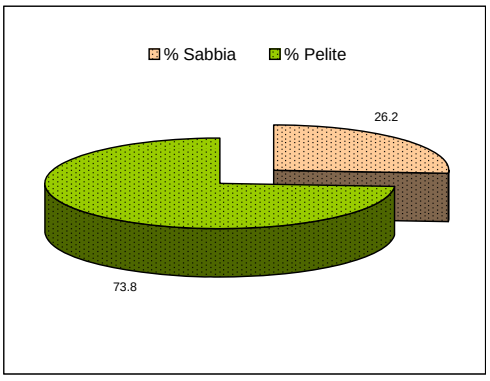
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.086
Deviazione Standard	2.012
Asimmetria (Skewness)	-0.039
Appuntimento (Kurtosis)	1.207
Mediana (Φ)	5.230
Moda (Φ)	5.500

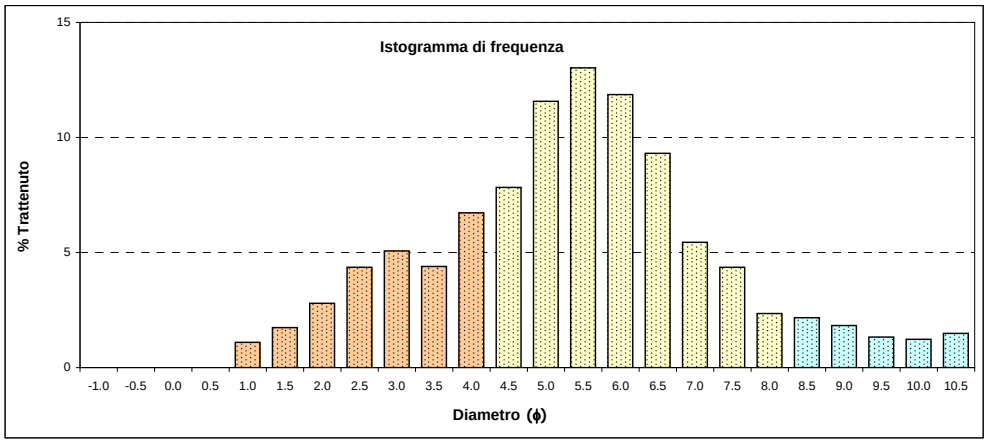
Percentili (Φ)	
5	1.871
16	3.098
25	3.919
50	5.230
75	6.281
84	6.930
95	8.829

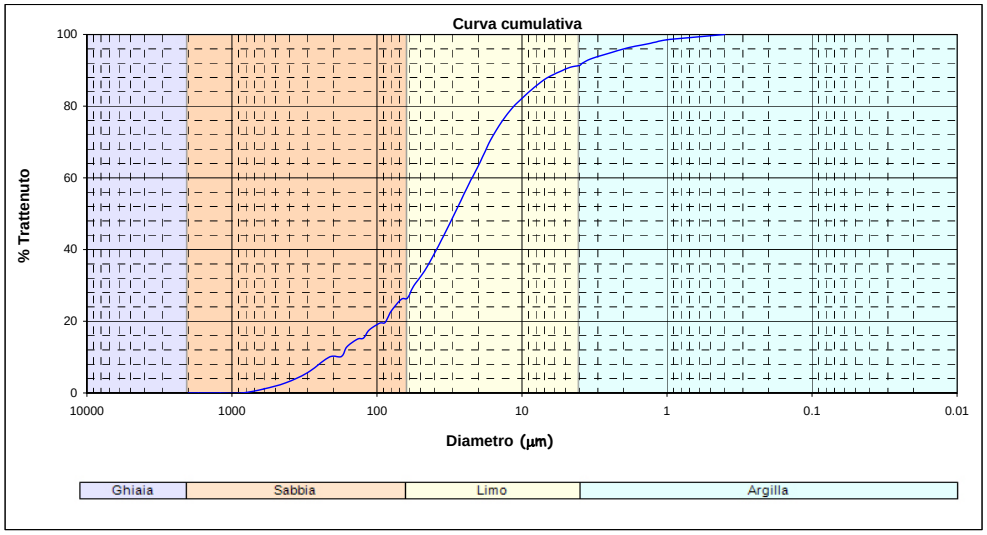
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.10%	1.10%
500	1		
500	1	1.74%	2.83%
353.55	1.5		
353.55	1.5	2.80%	5.63%
250	2		
250	2	4.36%	9.99%
176.78	2.5		
176.78	2.5	0.17%	10.16%
175	2.515		
175	2.515	2.74%	12.90%
147	2.766		
147	2.766	2.15%	15.06%
125	3		
125	3	0.23%	15.29%
123	3.023		
123	3.023	2.30%	17.59%
103	3.279		
103	3.279	1.86%	19.45%
88.39	3.5		
88.39	3.5	0.23%	19.69%
87	3.523		
87	3.523	3.08%	22.77%
73	3.776		
73	3.776	3.41%	26.18%
62.5	4		
62.5	4	0.25%	26.43%
61	4.035		
61	4.035	3.30%	29.73%
51	4.293		
51	4.293	4.28%	34.01%
43	4.54		
43	4.54	5.39%	39.40%
36	4.796		
36	4.796	6.18%	45.58%
30	5.059		
30	5.059	6.57%	52.15%
25	5.322		
25	5.322	6.46%	58.61%
21	5.573		
21	5.573	5.64%	64.25%
18	5.796		
18	5.796	6.23%	70.48%
15	6.059		
15	6.059	5.29%	75.77%
12.5	6.322		
12.5	6.322	4.02%	79.79%
10.5	6.573		
10.5	6.573	2.80%	82.59%
9	6.796		
9	6.796	2.64%	85.24%
7.5	7.059		
7.5	7.059	2.61%	87.84%
6	7.381		
6	7.381	1.76%	89.60%
5	7.644		
5	7.644	1.25%	90.85%
4.3	7.861		
4.3	7.861	0.55%	91.40%
4	7.966		
4	7.966	0.55%	91.95%
3.7	8.078		
3.7	8.078	1.15%	93.10%
3.1	8.334		
3.1	8.334	1.02%	94.12%
2.6	8.587		
2.6	8.587	0.88%	95.00%
2.2	8.828		
2.2	8.828	0.95%	95.95%
1.8	9.118		
1.8	9.118	0.78%	96.73%
1.5	9.381		
1.5	9.381	0.55%	97.28%
1.3	9.587		
1.3	9.587	0.59%	97.87%
1.1	9.828		
1.1	9.828	0.64%	98.51%
0.9	10.118		
< 0,900	> 10,118	1.49%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM17
Livello (cm)	(75-100)
Peso totale (g)	35.5
Frazione > 63 μm (%)	50.7
Frazione < 63 μm (%)	49.3

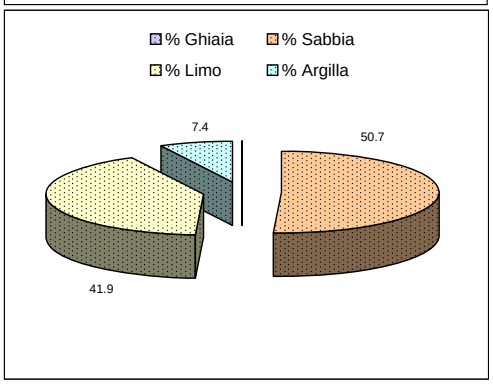
Frazione grossolana (> 63 μm) = 50.7	
% Ghiaia	% Sabbia
0.0	50.7

Frazione pelitica (< 63 μm) = 49.3	
% Limo	% Argilla
41.9	7.4

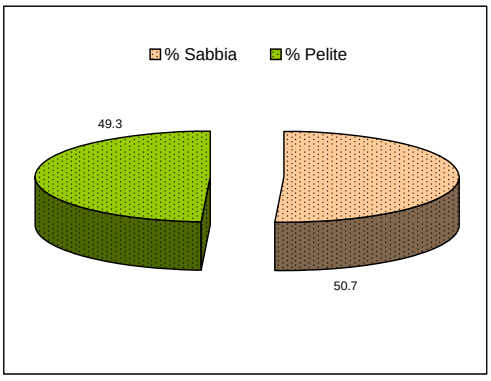
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.086
Deviazione Standard	2.399
Asimmetria (Skewness)	0.143
Appuntimento (Kurtosis)	0.864
Mediana (Φ)	3.944
Moda (Φ)	2.500

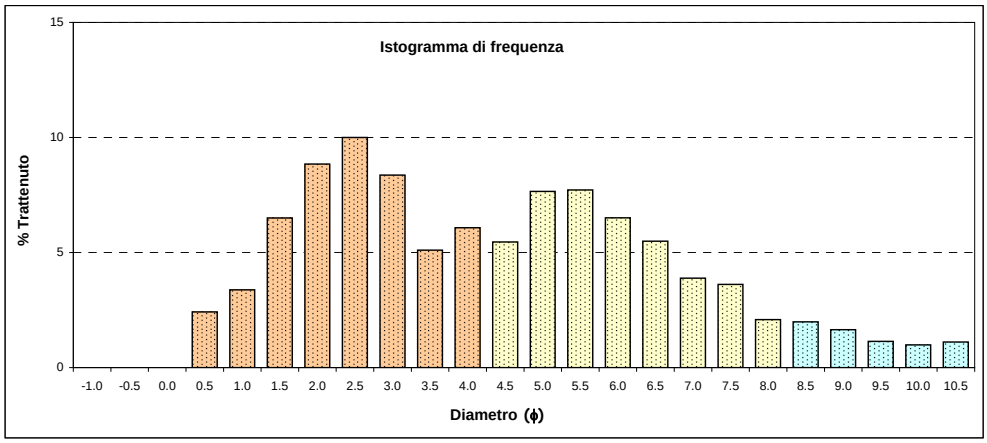
Percentili (Φ)	
5	0.865
16	1.688
25	2.173
50	3.944
75	5.822
84	6.625
95	8.554

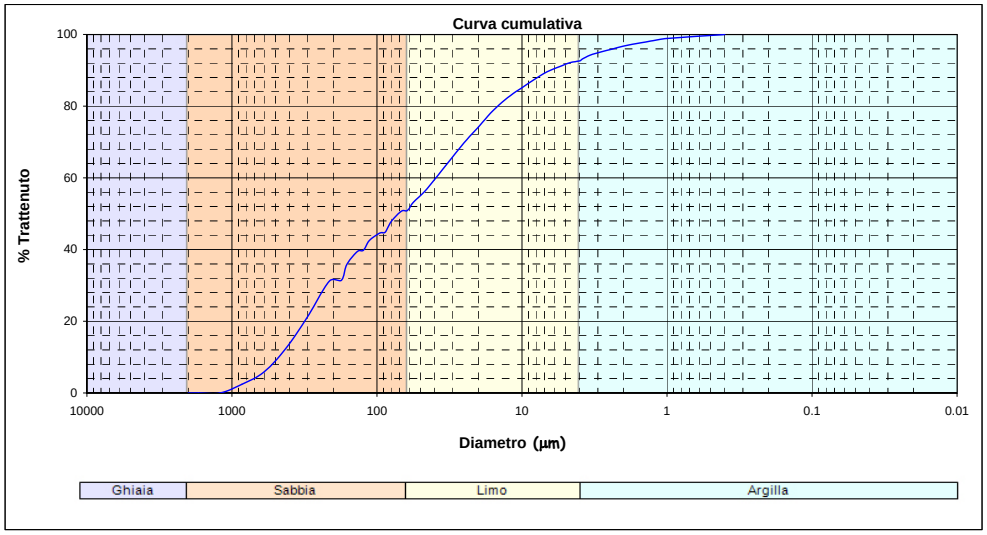
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	2.42%	2.42%
707.11	0.5		
707.11	0.5	3.38%	5.80%
500	1		
500	1	6.51%	12.31%
353.55	1.5		
353.55	1.5	8.84%	21.15%
250	2		
250	2	10.00%	31.15%
176.78	2.5		
176.78	2.5	0.29%	31.43%
175	2.515		
175	2.515	4.52%	35.96%
147	2.766		
147	2.766	3.55%	39.51%
125	3		
125	3	0.27%	39.78%
123	3.023		
123	3.023	2.72%	42.51%
103	3.279		
103	3.279	2.11%	44.62%
88.39	3.5		
88.39	3.5	0.24%	44.85%
87	3.523		
87	3.523	2.90%	47.75%
73	3.776		
73	3.776	2.95%	50.70%
62.5	4		
62.5	4	0.18%	50.87%
61	4.035		
61	4.035	2.32%	53.19%
51	4.293		
51	4.293	2.96%	56.16%
43	4.54		
43	4.54	3.65%	59.81%
36	4.796		
36	4.796	4.01%	63.81%
30	5.059		
30	5.059	4.01%	67.83%
25	5.322		
25	5.322	3.71%	71.53%
21	5.573		
21	5.573	3.10%	74.64%
18	5.796		
18	5.796	3.40%	78.04%
15	6.059		
15	6.059	3.01%	81.05%
12.5	6.322		
12.5	6.322	2.48%	83.53%
10.5	6.573		
10.5	6.573	1.90%	85.44%
9	6.796		
9	6.796	1.99%	87.42%
7.5	7.059		
7.5	7.059	2.12%	89.54%
6	7.381		
6	7.381	1.50%	91.04%
5	7.644		
5	7.644	1.10%	92.14%
4.3	7.861		
4.3	7.861	0.49%	92.63%
4	7.966		
4	7.966	0.49%	93.13%
3.7	8.078		
3.7	8.078	1.05%	94.18%
3.1	8.334		
3.1	8.334	0.94%	95.11%
2.6	8.587		
2.6	8.587	0.80%	95.91%
2.2	8.828		
2.2	8.828	0.85%	96.76%
1.8	9.118		
1.8	9.118	0.67%	97.43%
1.5	9.381		
1.5	9.381	0.47%	97.90%
1.3	9.587		
1.3	9.587	0.48%	98.38%
1.1	9.828		
1.1	9.828	0.50%	98.89%
0.9	10.118		
< 0,900	> 10,118	1.11%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM18
Livello (cm)	(0-25)
Peso totale (g)	30.5
Frazione > 63 μm (%)	30.6
Frazione < 63 μm (%)	69.4

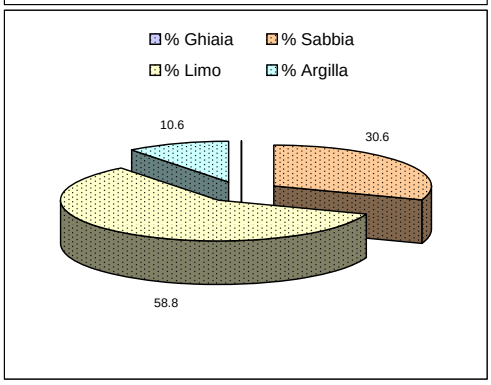
Frazione grossolana (> 63 μm) = 30.6	
% Ghiaia	% Sabbia
0.0	30.6

Frazione pelitica (< 63 μm) = 69.4	
% Limo	% Argilla
58.8	10.6

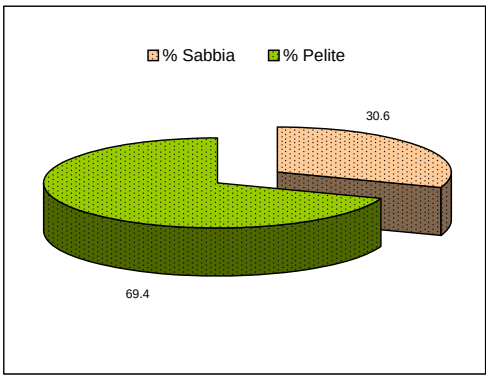
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.171
Deviazione Standard	2.166
Asimmetria (Skewness)	0.046
Appuntimento (Kurtosis)	1.056
Mediana (Φ)	5.148
Moda (Φ)	5.500

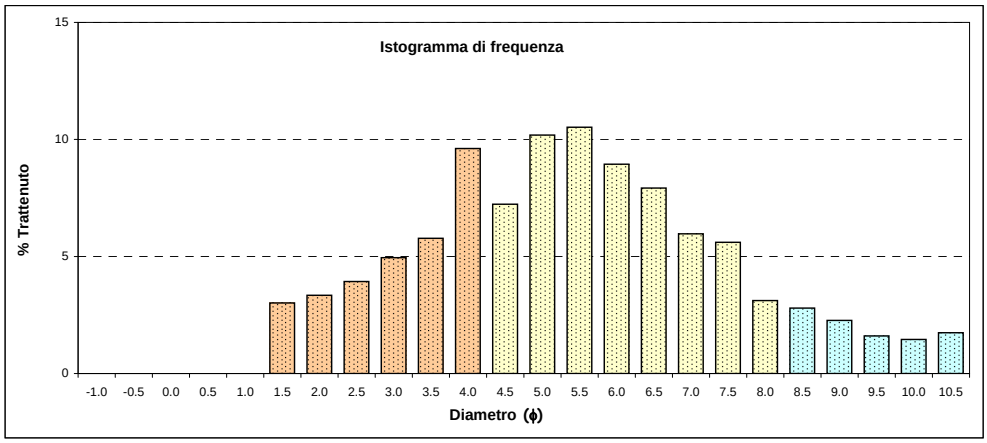
Percentili (Φ)	
5	1.776
16	3.059
25	3.713
50	5.148
75	6.541
84	7.306
95	9.066

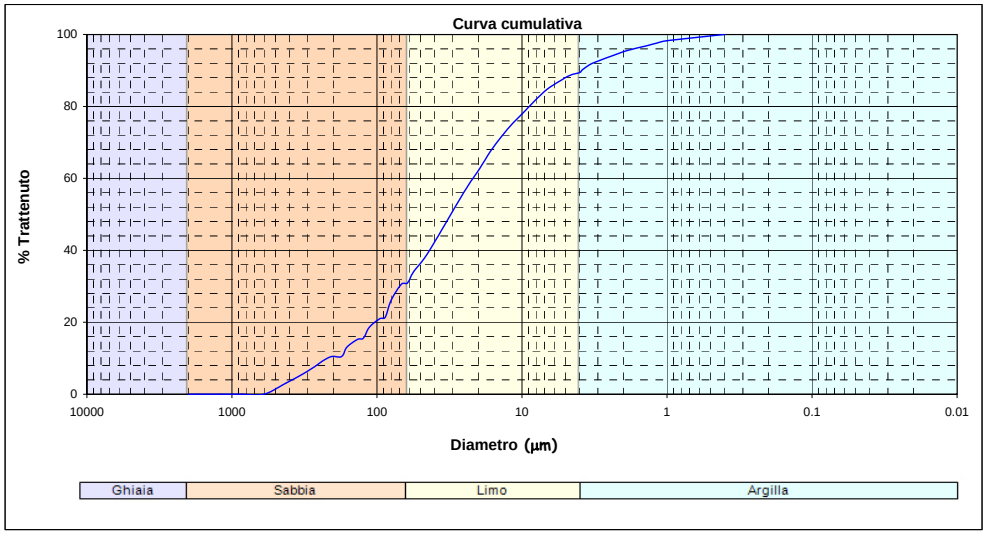
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.02%	3.02%
353.55	1.5		
353.55	1.5	3.34%	6.36%
250	2		
250	2	3.93%	10.29%
176.78	2.5		
176.78	2.5	0.17%	10.46%
175	2.515		
175	2.515	2.68%	13.14%
147	2.766		
147	2.766	2.10%	15.24%
125	3		
125	3	0.30%	15.55%
123	3.023		
123	3.023	3.04%	18.59%
103	3.279		
103	3.279	2.42%	21.02%
88.39	3.5		
88.39	3.5	0.39%	21.41%
87	3.523		
87	3.523	4.68%	26.09%
73	3.776		
73	3.776	4.54%	30.63%
62.5	4		
62.5	4	0.25%	30.88%
61	4.035		
61	4.035	3.09%	33.97%
51	4.293		
51	4.293	3.90%	37.86%
43	4.54		
43	4.54	4.82%	42.68%
36	4.796		
36	4.796	5.37%	48.05%
30	5.059		
30	5.059	5.45%	53.50%
25	5.322		
25	5.322	5.07%	58.57%
21	5.573		
21	5.573	4.25%	62.82%
18	5.796		
18	5.796	4.69%	67.51%
15	6.059		
15	6.059	4.27%	71.78%
12.5	6.322		
12.5	6.322	3.65%	75.43%
10.5	6.573		
10.5	6.573	2.89%	78.32%
9	6.796		
9	6.796	3.08%	81.40%
7.5	7.059		
7.5	7.059	3.30%	84.70%
6	7.381		
6	7.381	2.31%	87.01%
5	7.644		
5	7.644	1.66%	88.67%
4.3	7.861		
4.3	7.861	0.73%	89.40%
4	7.966		
4	7.966	0.73%	90.13%
3.7	8.078		
3.7	8.078	1.50%	91.62%
3.1	8.334		
3.1	8.334	1.30%	92.93%
2.6	8.587		
2.6	8.587	1.10%	94.02%
2.2	8.828		
2.2	8.828	1.17%	95.19%
1.8	9.118		
1.8	9.118	0.94%	96.13%
1.5	9.381		
1.5	9.381	0.66%	96.80%
1.3	9.587		
1.3	9.587	0.71%	97.51%
1.1	9.828		
1.1	9.828	0.75%	98.26%
0.9	10.118		
< 0,900	> 10,118	1.74%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM18**
Livello (cm)	**(25-50)**
Peso totale (g)	41.1
Frazione > 63 μm (%)	28.9
Frazione < 63 μm (%)	71.1

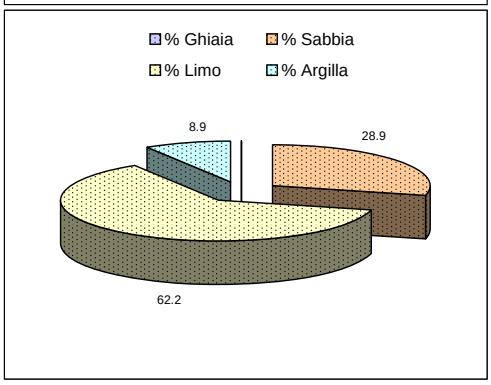
Frazione grossolana (> 63 μm) = 28.9	
% Ghiaia	**% Sabbia**
0.0	**28.9**

Frazione pelitica (< 63 μm) = 71.1	
% Limo	**% Argilla**
62.2	**8.9**

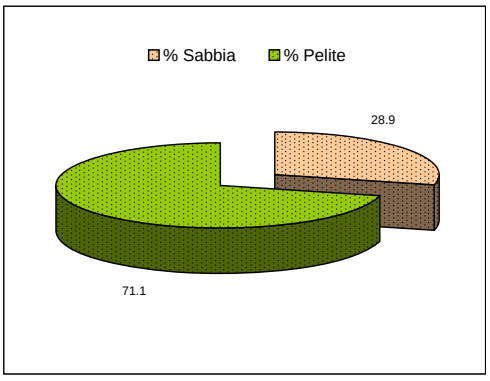
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.102
Deviazione Standard	2.109
Asimmetria (Skewness)	-0.034
Appuntimento (Kurtosis)	1.181
Mediana (Φ)	5.190
Moda (Φ)	5.500

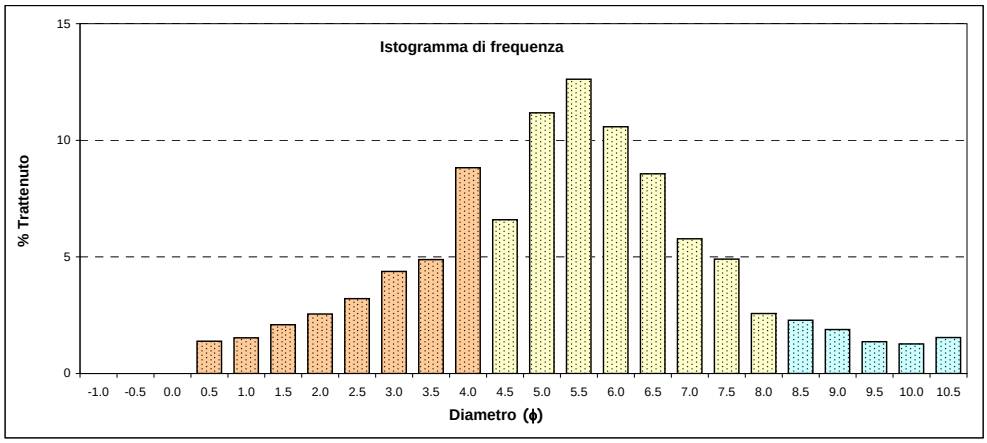
Percentili (Φ)	
5	1.497
16	3.076
25	3.789
50	5.190
75	6.348
84	7.042
95	8.870

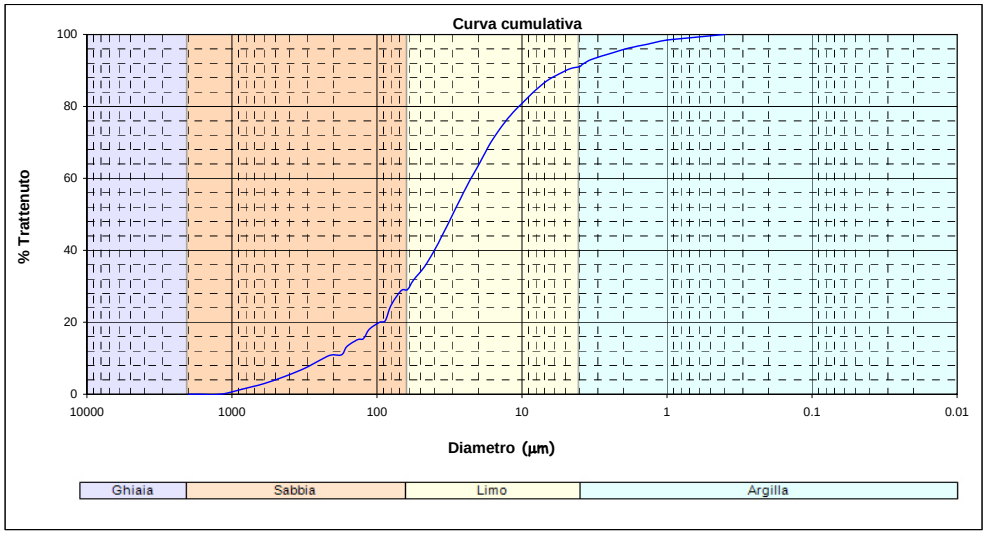
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	1.39%	1.39%
707.11	0.5		
707.11	0.5	1.53%	2.92%
500	1		
500	1	2.09%	5.01%
353.55	1.5		
353.55	1.5	2.55%	7.56%
250	2		
250	2	3.21%	10.77%
176.78	2.5		
176.78	2.5	0.15%	10.92%
175	2.515		
175	2.515	2.37%	13.29%
147	2.766		
147	2.766	1.86%	15.15%
125	3		
125	3	0.27%	15.41%
123	3.023		
123	3.023	2.66%	18.07%
103	3.279		
103	3.279	1.96%	20.03%
88.39	3.5		
88.39	3.5	0.38%	20.41%
87	3.523		
87	3.523	4.33%	24.73%
73	3.776		
73	3.776	4.12%	28.86%
62.5	4		
62.5	4	0.18%	29.04%
61	4.035		
61	4.035	2.66%	31.70%
51	4.293		
51	4.293	3.75%	35.45%
43	4.54		
43	4.54	5.09%	40.54%
36	4.796		
36	4.796	6.09%	46.63%
30	5.059		
30	5.059	6.48%	53.11%
25	5.322		
25	5.322	6.14%	59.25%
21	5.573		
21	5.573	5.11%	64.36%
18	5.796		
18	5.796	5.47%	69.83%
15	6.059		
15	6.059	4.73%	74.57%
12.5	6.322		
12.5	6.322	3.83%	78.40%
10.5	6.573		
10.5	6.573	2.88%	81.28%
9	6.796		
9	6.796	2.90%	84.17%
7.5	7.059		
7.5	7.059	2.94%	87.11%
6	7.381		
6	7.381	1.97%	89.08%
5	7.644		
5	7.644	1.38%	90.46%
4.3	7.861		
4.3	7.861	0.60%	91.06%
4	7.966		
4	7.966	0.60%	91.66%
3.7	8.078		
3.7	8.078	1.22%	92.88%
3.1	8.334		
3.1	8.334	1.06%	93.94%
2.6	8.587		
2.6	8.587	0.91%	94.85%
2.2	8.828		
2.2	8.828	0.98%	95.83%
1.8	9.118		
1.8	9.118	0.80%	96.62%
1.5	9.381		
1.5	9.381	0.57%	97.19%
1.3	9.587		
1.3	9.587	0.61%	97.80%
1.1	9.828		
1.1	9.828	0.66%	98.46%
0.9	10.118		
< 0,900	> 10,118	1.54%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM18
Livello (cm)	(50-75)
Peso totale (g)	52.9
Frazione > 63 μm (%)	31.8
Frazione < 63 μm (%)	68.2

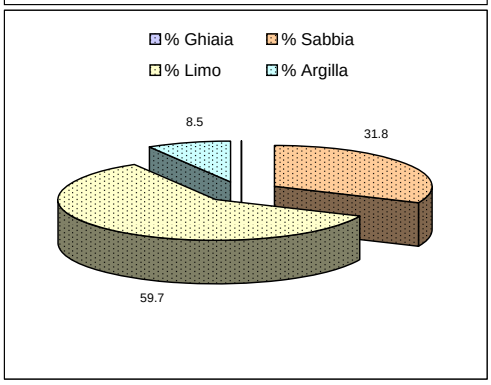
Frazione grossolana (> 63 μm) = 31.8	
% Ghiaia	% Sabbia
0.0	31.8

Frazione pelitica (< 63 μm) = 68.2	
% Limo	% Argilla
59.7	8.5

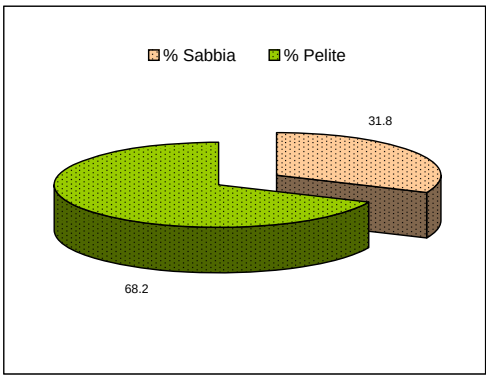
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.969
Deviazione Standard	2.115
Asimmetria (Skewness)	-0.005
Appuntimento (Kurtosis)	1.185
Mediana (Φ)	5.019
Moda (Φ)	5.500

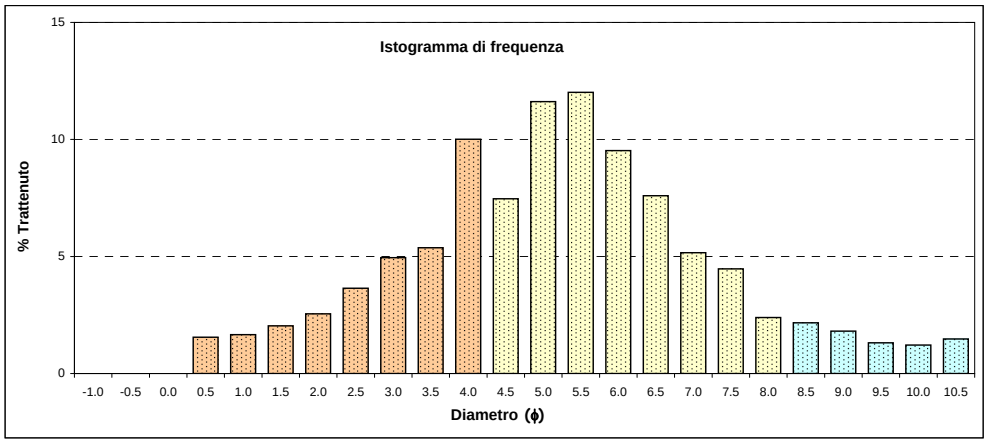
Percentili (Φ)	
5	1.428
16	2.953
25	3.662
50	5.019
75	6.216
84	6.936
95	8.812

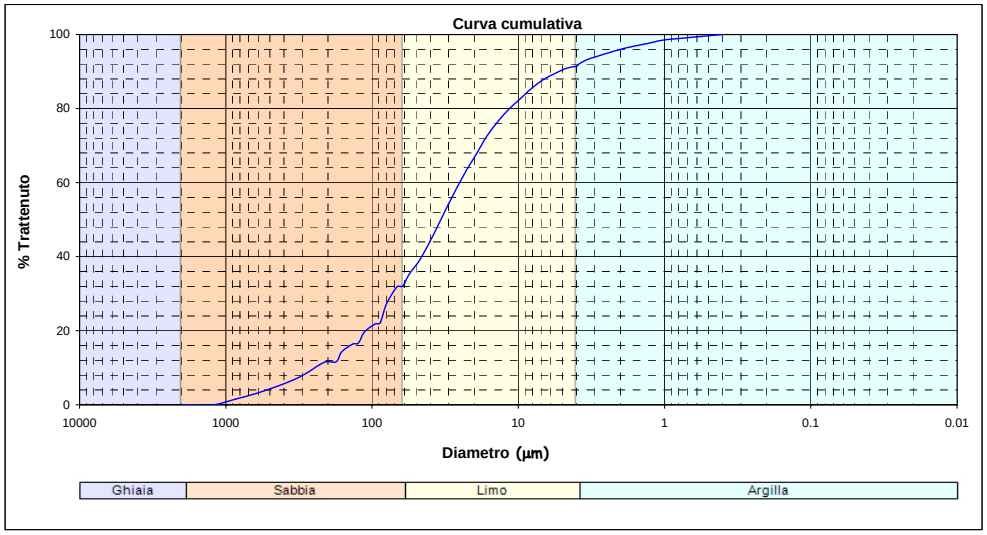
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	1.55%	1.55%
707.11	0.5		
707.11	0.5	1.66%	3.21%
500	1		
500	1	2.04%	5.25%
353.55	1.5		
353.55	1.5	2.55%	7.80%
250	2		
250	2	3.65%	11.45%
176.78	2.5		
176.78	2.5	0.17%	11.62%
175	2.515		
175	2.515	2.68%	14.30%
147	2.766		
147	2.766	2.10%	16.40%
125	3		
125	3	0.29%	16.69%
123	3.023		
123	3.023	2.91%	19.60%
103	3.279		
103	3.279	2.17%	21.77%
88.39	3.5		
88.39	3.5	0.42%	22.20%
87	3.523		
87	3.523	4.89%	27.09%
73	3.776		
73	3.776	4.70%	31.79%
62.5	4		
62.5	4	0.22%	32.01%
61	4.035		
61	4.035	3.07%	35.07%
51	4.293		
51	4.293	4.18%	39.25%
43	4.54		
43	4.54	5.43%	44.68%
36	4.796		
36	4.796	6.19%	50.87%
30	5.059		
30	5.059	6.29%	57.15%
25	5.322		
25	5.322	5.73%	62.88%
21	5.573		
21	5.573	4.64%	67.52%
18	5.796		
18	5.796	4.88%	72.40%
15	6.059		
15	6.059	4.20%	76.60%
12.5	6.322		
12.5	6.322	3.40%	79.99%
10.5	6.573		
10.5	6.573	2.56%	82.56%
9	6.796		
9	6.796	2.60%	85.16%
7.5	7.059		
7.5	7.059	2.66%	87.82%
6	7.381		
6	7.381	1.81%	89.63%
5	7.644		
5	7.644	1.28%	90.91%
4.3	7.861		
4.3	7.861	0.56%	91.46%
4	7.966		
4	7.966	0.56%	92.02%
3.7	8.078		
3.7	8.078	1.15%	93.17%
3.1	8.334		
3.1	8.334	1.01%	94.19%
2.6	8.587		
2.6	8.587	0.87%	95.05%
2.2	8.828		
2.2	8.828	0.94%	96.00%
1.8	9.118		
1.8	9.118	0.77%	96.76%
1.5	9.381		
1.5	9.381	0.55%	97.31%
1.3	9.587		
1.3	9.587	0.59%	97.90%
1.1	9.828		
1.1	9.828	0.63%	98.53%
0.9	10.118		
< 0,900	> 10,118	1.47%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM18
Livello (cm)	(75-100)
Peso totale (g)	38.2
Frazione > 63 μm (%)	27.7
Frazione < 63 μm (%)	72.3

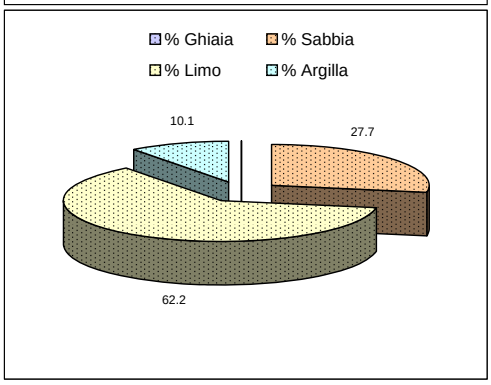
Frazione grossolana (> 63 μm) = 27.7	
% Ghiaia	% Sabbia
0.0	27.7

Frazione pelitica (< 63 μm) = 72.3	
% Limo	% Argilla
62.2	10.1

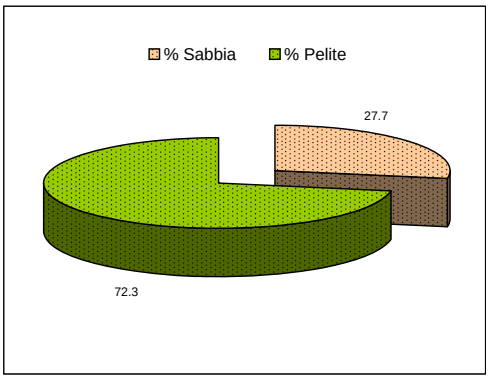
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.121
Deviazione Standard	2.219
Asimmetria (Skewness)	-0.010
Appuntimento (Kurtosis)	1.187
Mediana (Φ)	5.153
Moda (Φ)	5.000

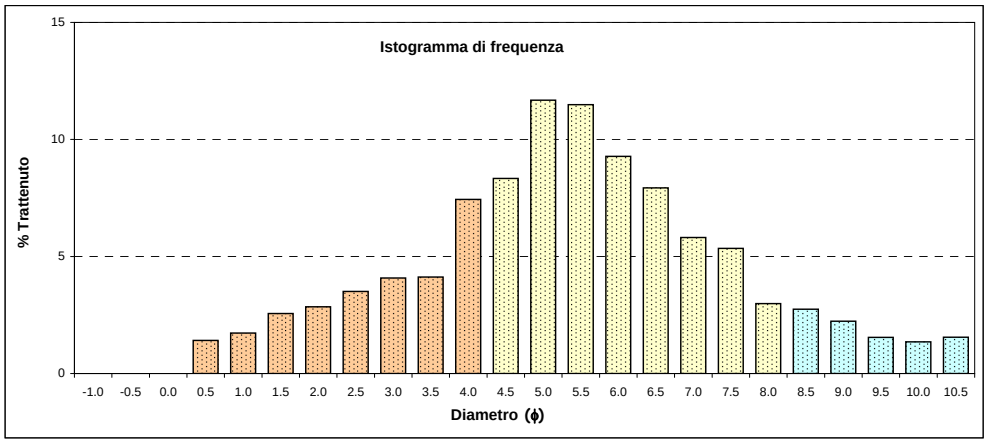
Percentili (Φ)	
5	1.345
16	2.979
25	3.836
50	5.153
75	6.470
84	7.231
95	8.973

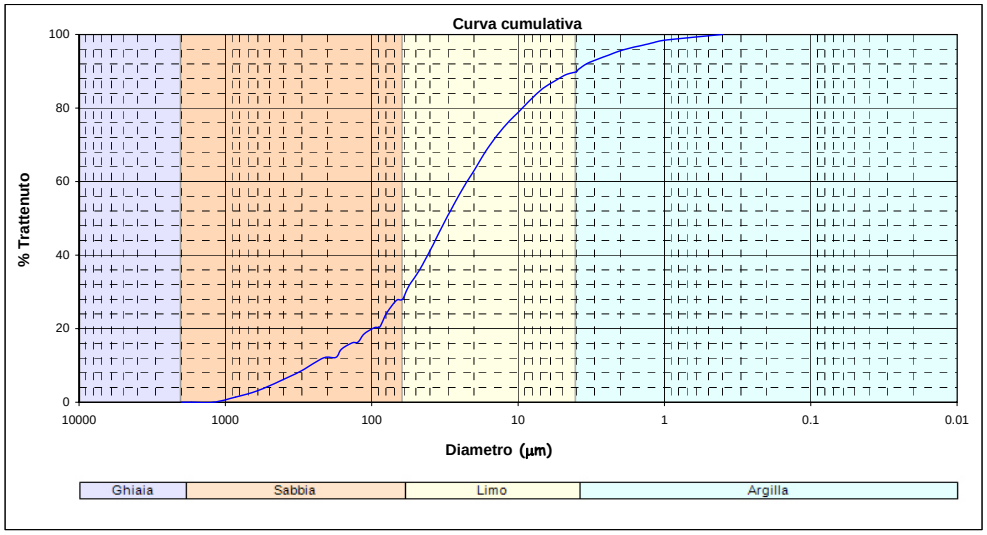
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	1.41%	1.41%
707.11	0.5		
707.11	0.5	1.73%	3.14%
500	1		
500	1	2.56%	5.70%
353.55	1.5		
353.55	1.5	2.85%	8.56%
250	2		
250	2	3.51%	12.06%
176.78	2.5		
176.78	2.5	0.14%	12.20%
175	2.515		
175	2.515	2.21%	14.41%
147	2.766		
147	2.766	1.73%	16.14%
125	3		
125	3	0.22%	16.36%
123	3.023		
123	3.023	2.19%	18.55%
103	3.279		
103	3.279	1.71%	20.26%
88.39	3.5		
88.39	3.5	0.26%	20.52%
87	3.523		
87	3.523	3.42%	23.94%
73	3.776		
73	3.776	3.77%	27.70%
62.5	4		
62.5	4	0.27%	27.98%
61	4.035		
61	4.035	3.53%	31.51%
51	4.293		
51	4.293	4.53%	36.04%
43	4.54		
43	4.54	5.58%	41.62%
36	4.796		
36	4.796	6.10%	47.72%
30	5.059		
30	5.059	6.03%	53.75%
25	5.322		
25	5.322	5.45%	59.20%
21	5.573		
21	5.573	4.46%	63.66%
18	5.796		
18	5.796	4.82%	68.48%
15	6.059		
15	6.059	4.30%	72.79%
12.5	6.322		
12.5	6.322	3.62%	76.41%
10.5	6.573		
10.5	6.573	2.83%	79.24%
9	6.796		
9	6.796	2.98%	82.22%
7.5	7.059		
7.5	7.059	3.15%	85.38%
6	7.381		
6	7.381	2.20%	87.57%
5	7.644		
5	7.644	1.59%	89.16%
4.3	7.861		
4.3	7.861	0.70%	89.86%
4	7.966		
4	7.966	0.70%	90.56%
3.7	8.078		
3.7	8.078	1.46%	92.03%
3.1	8.334		
3.1	8.334	1.28%	93.31%
2.6	8.587		
2.6	8.587	1.08%	94.40%
2.2	8.828		
2.2	8.828	1.15%	95.55%
1.8	9.118		
1.8	9.118	0.91%	96.46%
1.5	9.381		
1.5	9.381	0.64%	97.09%
1.3	9.587		
1.3	9.587	0.66%	97.76%
1.1	9.828		
1.1	9.828	0.69%	98.45%
0.9	10.118		
< 0,900	> 10,118	1.55%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM19**
Livello (cm)	**(0-25)**
Peso totale (g)	10.0
Frazione > 63 μm (%)	12.9
Frazione < 63 μm (%)	87.1

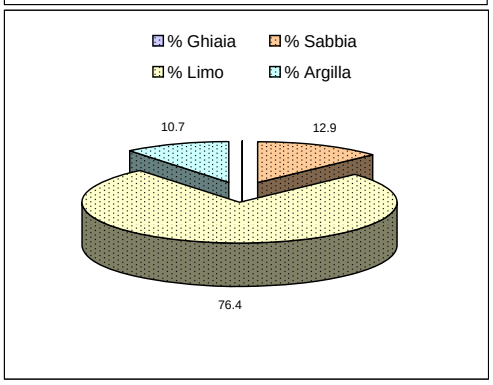
Frazione grossolana (> 63 μm) =	**12.9**
% Ghiaia	**% Sabbia**
0.0	**12.9**

Frazione pelitica (< 63 μm) =	**87.1**
% Limo	**% Argilla**
76.4	**10.7**

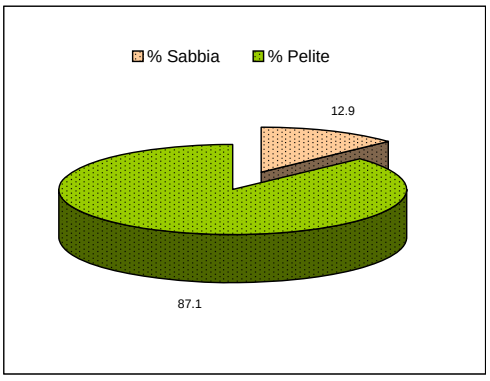
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.764
Deviazione Standard	1.785
Asimmetria (Skewness)	0.041
Appuntimento (Kurtosis)	1.711
Mediana (Φ)	5.689
Moda (Φ)	6.000

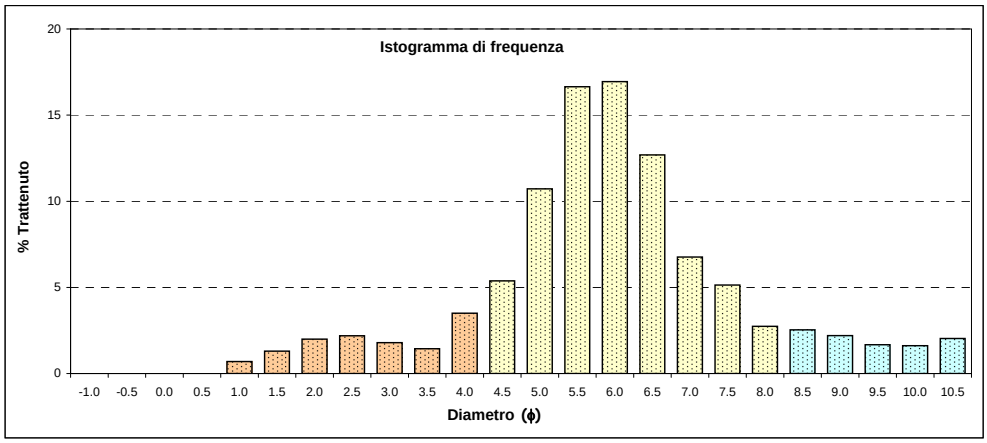
Percentili (Φ)	
5	2.208
16	4.350
25	4.883
50	5.689
75	6.558
84	7.252
95	9.199

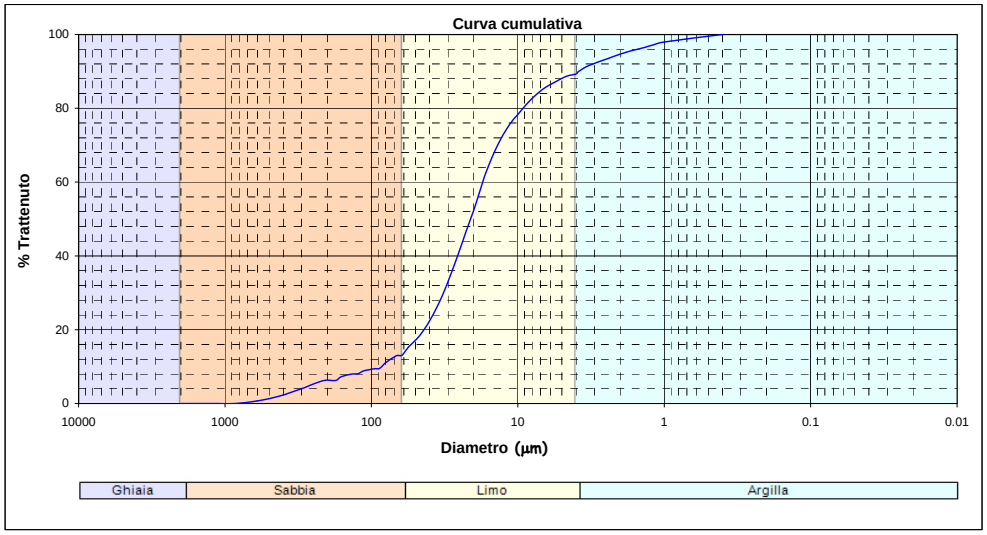
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.70%	0.70%
500	1		
500	1	1.30%	2.00%
353.55	1.5		
353.55	1.5	2.00%	3.99%
250	2		
250	2	2.20%	6.19%
176.78	2.5		
176.78	2.5	0.06%	6.25%
175	2.515		
175	2.515	0.97%	7.22%
147	2.766		
147	2.766	0.76%	7.99%
125	3		
125	3	0.08%	8.06%
123	3.023		
123	3.023	0.76%	8.83%
103	3.279		
103	3.279	0.60%	9.43%
88.39	3.5		
88.39	3.5	0.10%	9.53%
87	3.523		
87	3.523	1.54%	11.06%
73	3.776		
73	3.776	1.87%	12.93%
62.5	4		
62.5	4	0.16%	13.09%
61	4.035		
61	4.035	2.16%	15.25%
51	4.293		
51	4.293	3.05%	18.31%
43	4.54		
43	4.54	4.49%	22.80%
36	4.796		
36	4.796	6.23%	29.03%
30	5.059		
30	5.059	7.90%	36.93%
25	5.322		
25	5.322	8.74%	45.67%
21	5.573		
21	5.573	8.04%	53.71%
18	5.796		
18	5.796	8.91%	62.61%
15	6.059		
15	6.059	7.35%	69.96%
12.5	6.322		
12.5	6.322	5.35%	75.31%
10.5	6.573		
10.5	6.573	3.55%	78.86%
9	6.796		
9	6.796	3.21%	82.07%
7.5	7.059		
7.5	7.059	3.08%	85.15%
6	7.381		
6	7.381	2.05%	87.20%
5	7.644		
5	7.644	1.46%	88.66%
4.3	7.861		
4.3	7.861	0.64%	89.30%
4	7.966		
4	7.966	0.64%	89.94%
3.7	8.078		
3.7	8.078	1.34%	91.28%
3.1	8.334		
3.1	8.334	1.20%	92.48%
2.6	8.587		
2.6	8.587	1.04%	93.52%
2.2	8.828		
2.2	8.828	1.16%	94.68%
1.8	9.118		
1.8	9.118	0.97%	95.65%
1.5	9.381		
1.5	9.381	0.70%	96.35%
1.3	9.587		
1.3	9.587	0.77%	97.12%
1.1	9.828		
1.1	9.828	0.84%	97.97%
0.9	10.118		
< 0,900	> 10,118	2.03%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM19**
Livello (cm)	**(25-50)**
Peso totale (g)	10.7
Frazione > 63 μm (%)	30.6
Frazione < 63 μm (%)	69.4

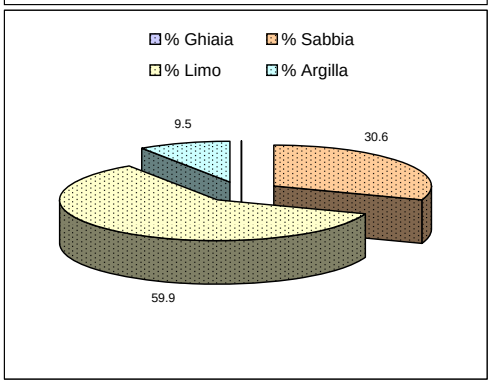
Frazione grossolana (> 63 μm) =	**30.6**
% Ghiaia	**% Sabbia**
0.0	**30.6**

Frazione pelitica (< 63 μm) =	**69.4**
% Limo	**% Argilla**
59.9	**9.5**

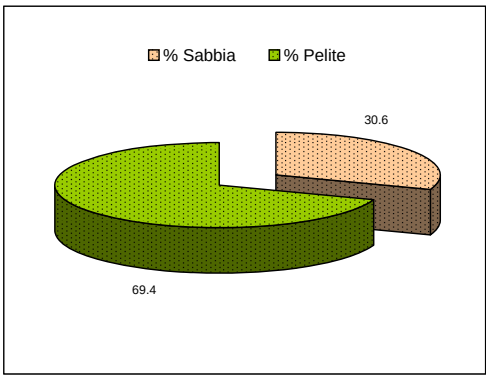
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.935
Deviazione Standard	2.310
Asimmetria (Skewness)	-0.066
Appuntimento (Kurtosis)	1.214
Mediana (Φ)	5.091
Moda (Φ)	5.500

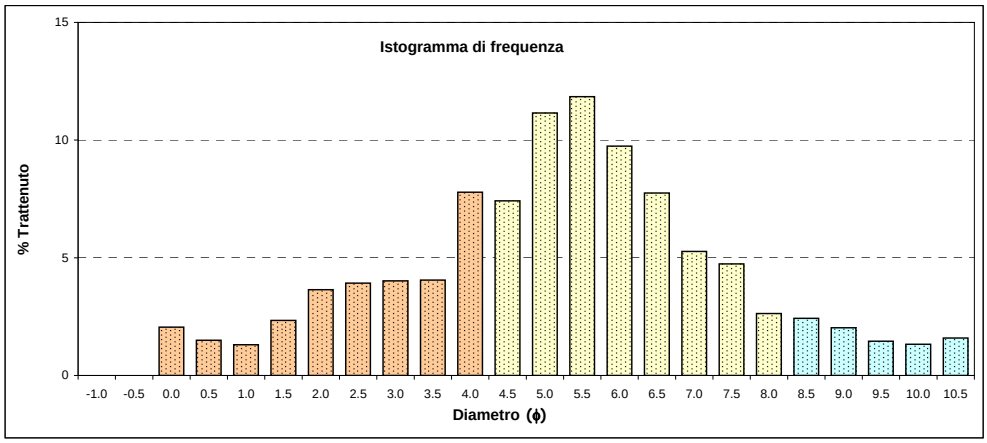
Percentili (Φ)	
5	1.025
16	2.636
25	3.645
50	5.091
75	6.316
84	7.079
95	8.939

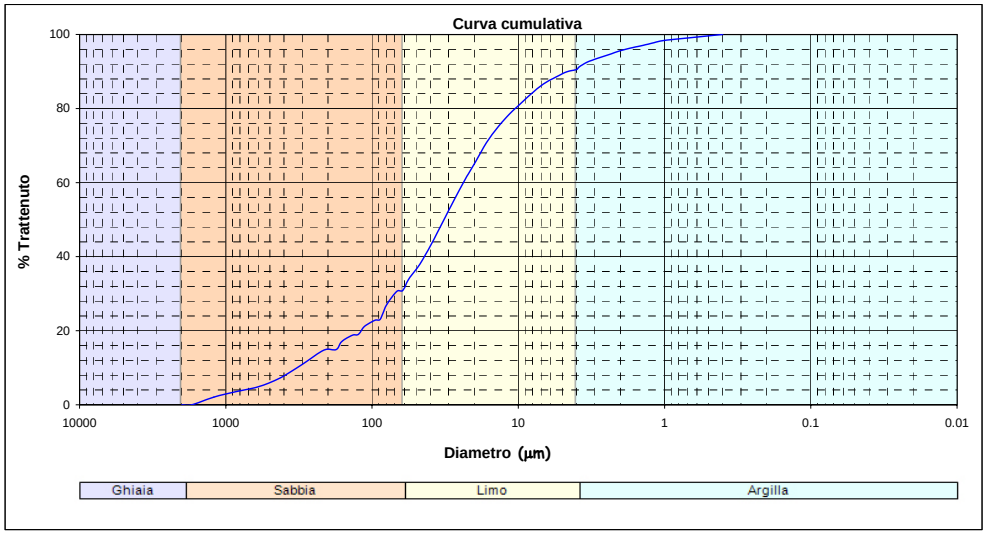
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	2.06%	2.06%
1000	0		
1000	0	1.50%	3.55%
707.11	0.5		
707.11	0.5	1.31%	4.86%
500	1		
500	1	2.34%	7.20%
353.55	1.5		
353.55	1.5	3.65%	10.84%
250	2		
250	2	3.93%	14.77%
176.78	2.5		
176.78	2.5	0.14%	14.91%
175	2.515		
175	2.515	2.17%	17.08%
147	2.766		
147	2.766	1.71%	18.79%
125	3		
125	3	0.21%	19.00%
123	3.023		
123	3.023	2.14%	21.15%
103	3.279		
103	3.279	1.69%	22.84%
88.39	3.5		
88.39	3.5	0.30%	23.14%
87	3.523		
87	3.523	3.69%	26.82%
73	3.776		
73	3.776	3.80%	30.62%
62.5	4		
62.5	4	0.23%	30.86%
61	4.035		
61	4.035	3.10%	33.96%
51	4.293		
51	4.293	4.08%	38.04%
43	4.54		
43	4.54	5.21%	43.25%
36	4.796		
36	4.796	5.94%	49.19%
30	5.059		
30	5.059	6.13%	55.32%
25	5.322		
25	5.322	5.72%	61.04%
21	5.573		
21	5.573	4.72%	65.76%
18	5.796		
18	5.796	5.02%	70.78%
15	6.059		
15	6.059	4.30%	75.08%
12.5	6.322		
12.5	6.322	3.45%	78.54%
10.5	6.573		
10.5	6.573	2.60%	81.14%
9	6.796		
9	6.796	2.67%	83.81%
7.5	7.059		
7.5	7.059	2.80%	86.60%
6	7.381		
6	7.381	1.94%	88.54%
5	7.644		
5	7.644	1.40%	89.94%
4.3	7.861		
4.3	7.861	0.62%	90.56%
4	7.966		
4	7.966	0.62%	91.17%
3.7	8.078		
3.7	8.078	1.29%	92.46%
3.1	8.334		
3.1	8.334	1.14%	93.60%
2.6	8.587		
2.6	8.587	0.97%	94.57%
2.2	8.828		
2.2	8.828	1.05%	95.62%
1.8	9.118		
1.8	9.118	0.85%	96.48%
1.5	9.381		
1.5	9.381	0.60%	97.08%
1.3	9.587		
1.3	9.587	0.64%	97.72%
1.1	9.828		
1.1	9.828	0.69%	98.41%
0.9	10.118		
< 0,900	> 10,118	1.59%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(50-75)
Peso totale (g)	22.3
Frazione > 63 μm (%)	22.6
Frazione < 63 μm (%)	77.4

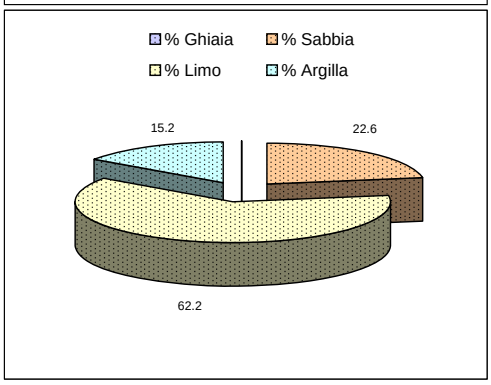
Frazione grossolana (> 63 μm) = 22.6	
% Ghiaia	% Sabbia
0.0	22.6

Frazione pelitica (< 63 μm) = 77.4	
% Limo	% Argilla
62.2	15.2

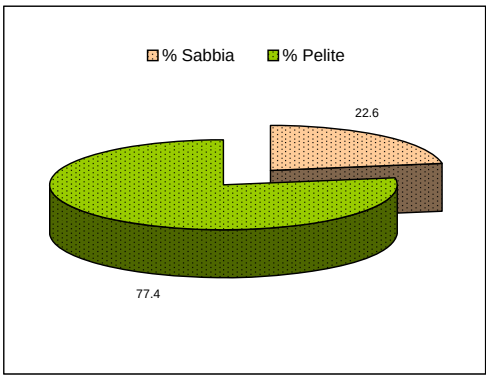
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.699
Deviazione Standard	2.216
Asimmetria (Skewness)	0.009
Appuntimento (Kurtosis)	1.062
Mediana (Φ)	5.681
Moda (Φ)	5.500

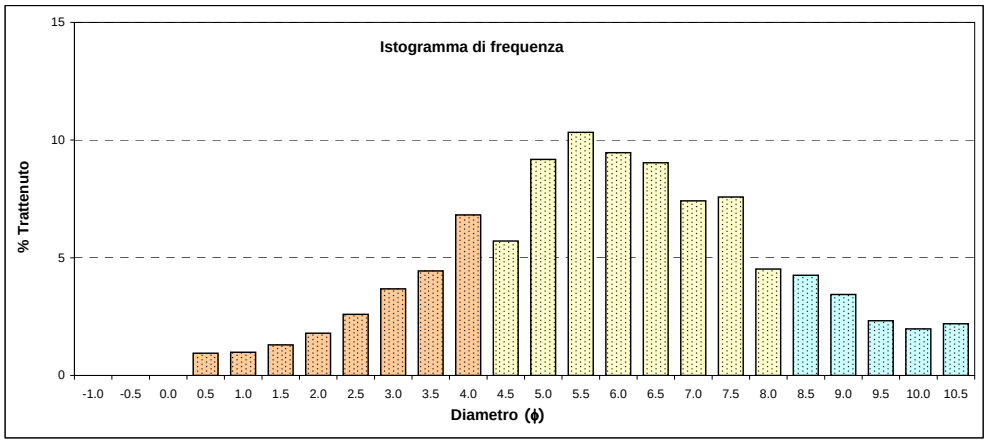
Percentili (Φ)	
5	1.992
16	3.521
25	4.285
50	5.681
75	7.147
84	7.894
95	9.406

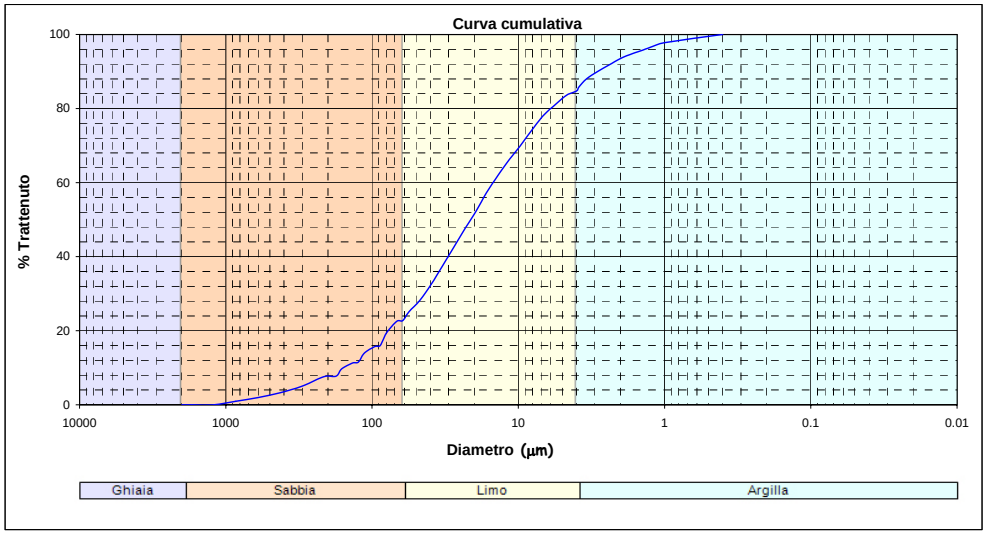
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.94%	0.94%
707.11	0.5		
707.11	0.5	0.99%	1.93%
500	1		
500	1	1.30%	3.23%
353.55	1.5		
353.55	1.5	1.79%	5.02%
250	2		
250	2	2.60%	7.62%
176.78	2.5		
176.78	2.5	0.13%	7.75%
175	2.515		
175	2.515	1.99%	9.74%
147	2.766		
147	2.766	1.56%	11.30%
125	3		
125	3	0.24%	11.54%
123	3.023		
123	3.023	2.43%	13.97%
103	3.279		
103	3.279	1.77%	15.74%
88.39	3.5		
88.39	3.5	0.28%	16.02%
87	3.523		
87	3.523	3.28%	19.30%
73	3.776		
73	3.776	3.26%	22.56%
62.5	4		
62.5	4	0.16%	22.73%
61	4.035		
61	4.035	2.34%	25.07%
51	4.293		
51	4.293	3.21%	28.28%
43	4.54		
43	4.54	4.23%	32.51%
36	4.796		
36	4.796	4.95%	37.46%
30	5.059		
30	5.059	5.25%	42.71%
25	5.322		
25	5.322	5.08%	47.79%
21	5.573		
21	5.573	4.41%	52.19%
18	5.796		
18	5.796	5.06%	57.25%
15	6.059		
15	6.059	4.78%	62.04%
12.5	6.322		
12.5	6.322	4.25%	66.29%
10.5	6.573		
10.5	6.573	3.51%	69.79%
9	6.796		
9	6.796	3.91%	73.70%
7.5	7.059		
7.5	7.059	4.39%	78.09%
6	7.381		
6	7.381	3.19%	81.28%
5	7.644		
5	7.644	2.38%	83.66%
4.3	7.861		
4.3	7.861	1.07%	84.73%
4	7.966		
4	7.966	1.07%	85.80%
3.7	8.078		
3.7	8.078	2.26%	88.07%
3.1	8.334		
3.1	8.334	1.99%	90.06%
2.6	8.587		
2.6	8.587	1.68%	91.74%
2.2	8.828		
2.2	8.828	1.76%	93.50%
1.8	9.118		
1.8	9.118	1.38%	94.88%
1.5	9.381		
1.5	9.381	0.95%	95.83%
1.3	9.587		
1.3	9.587	0.98%	96.80%
1.1	9.828		
1.1	9.828	1.00%	97.80%
0.9	10.118		
< 0,900	> 10,118	2.20%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(75-100)
Peso totale (g)	29.6
Frazione > 63 μm (%)	34.1
Frazione < 63 μm (%)	65.9

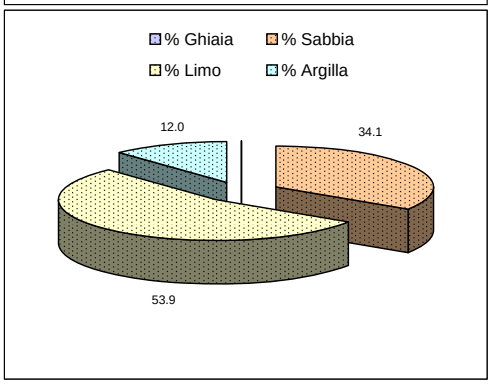
Frazione grossolana (> 63 μm) = 34.1	
% Ghiaia	% Sabbia
0.0	34.1

Frazione pelitica (< 63 μm) = 65.9	
% Limo	% Argilla
53.9	12.0

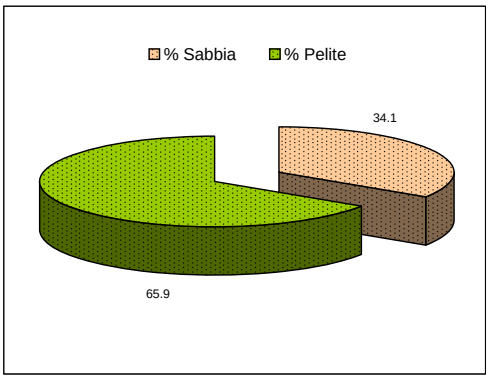
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.022
Deviazione Standard	2.523
Asimmetria (Skewness)	-0.068
Appuntimento (Kurtosis)	1.002
Mediana (Φ)	5.204
Moda (Φ)	5.500

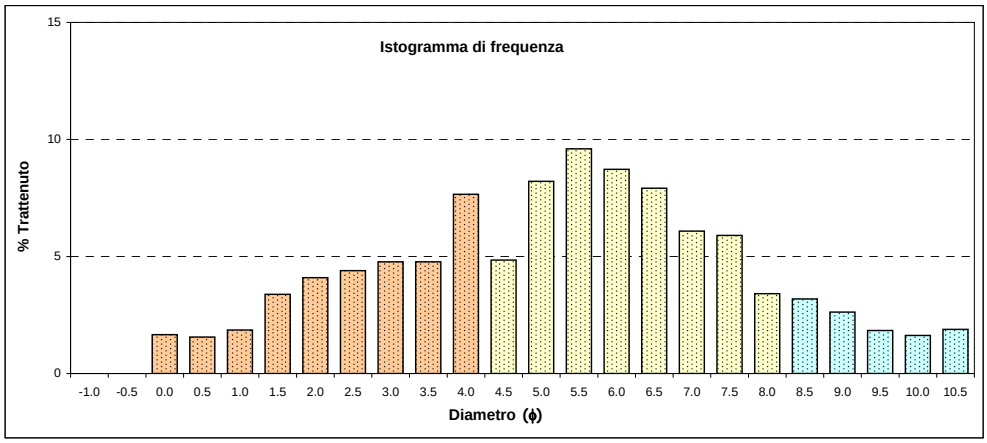
Percentili (Φ)	
5	0.976
16	2.376
25	3.324
50	5.204
75	6.687
84	7.485
95	9.197

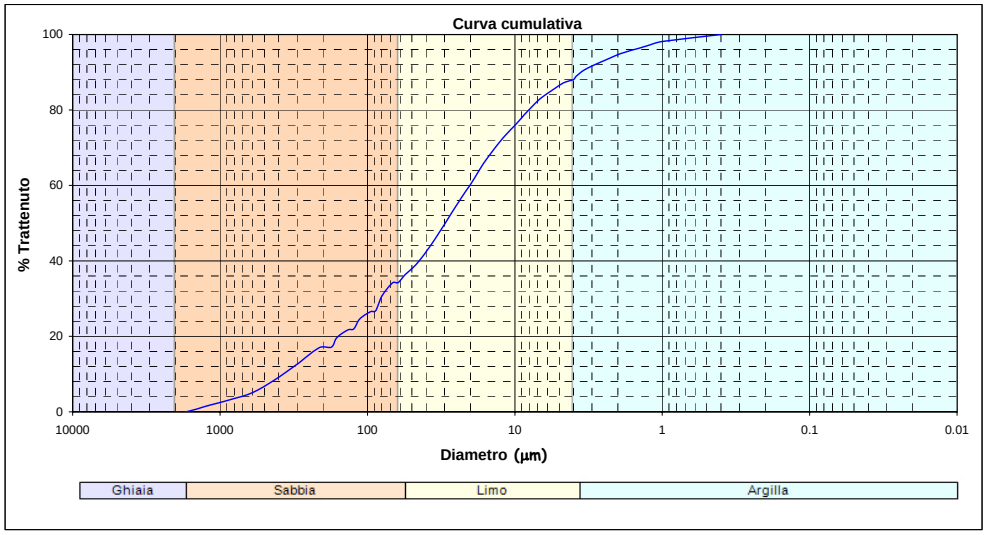
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	1.66%	1.66%
1000	0		
1000	0	1.56%	3.21%
707.11	0.5		
707.11	0.5	1.86%	5.08%
500	1		
500	1	3.38%	8.46%
353.55	1.5		
353.55	1.5	4.09%	12.55%
250	2		
250	2	4.40%	16.95%
176.78	2.5		
176.78	2.5	0.16%	17.11%
175	2.515		
175	2.515	2.58%	19.69%
147	2.766		
147	2.766	2.03%	21.72%
125	3		
125	3	0.26%	21.98%
123	3.023		
123	3.023	2.61%	24.59%
103	3.279		
103	3.279	1.90%	26.49%
88.39	3.5		
88.39	3.5	0.34%	26.83%
87	3.523		
87	3.523	3.80%	30.63%
73	3.776		
73	3.776	3.52%	34.15%
62.5	4		
62.5	4	0.13%	34.28%
61	4.035		
61	4.035	1.96%	36.24%
51	4.293		
51	4.293	2.76%	38.99%
43	4.54		
43	4.54	3.73%	42.72%
36	4.796		
36	4.796	4.48%	47.21%
30	5.059		
30	5.059	4.86%	52.06%
25	5.322		
25	5.322	4.74%	56.80%
21	5.573		
21	5.573	4.10%	60.90%
18	5.796		
18	5.796	4.63%	65.53%
15	6.059		
15	6.059	4.25%	69.78%
12.5	6.322		
12.5	6.322	3.66%	73.44%
10.5	6.573		
10.5	6.573	2.93%	76.37%
9	6.796		
9	6.796	3.16%	79.53%
7.5	7.059		
7.5	7.059	3.44%	82.97%
6	7.381		
6	7.381	2.46%	85.43%
5	7.644		
5	7.644	1.80%	87.23%
4.3	7.861		
4.3	7.861	0.81%	88.03%
4	7.966		
4	7.966	0.81%	88.84%
3.7	8.078		
3.7	8.078	1.69%	90.53%
3.1	8.334		
3.1	8.334	1.49%	92.03%
2.6	8.587		
2.6	8.587	1.27%	93.30%
2.2	8.828		
2.2	8.828	1.35%	94.65%
1.8	9.118		
1.8	9.118	1.08%	95.73%
1.5	9.381		
1.5	9.381	0.76%	96.49%
1.3	9.587		
1.3	9.587	0.79%	97.28%
1.1	9.828		
1.1	9.828	0.83%	98.11%
0.9	10.118		
< 0,900	> 10,118	1.89%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(100-125)
Peso totale (g)	81.4
Frazione > 63 μm (%)	58.6
Frazione < 63 μm (%)	41.4

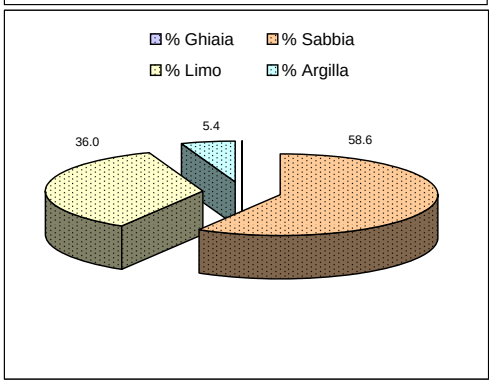
Frazione grossolana (> 63 μm) = 58.6	
% Ghiaia	% Sabbia
0.0	58.6

Frazione pelitica (< 63 μm) = 41.4	
% Limo	% Argilla
36.0	5.4

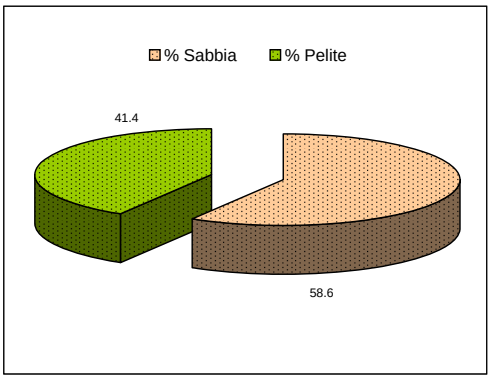
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.790
Deviazione Standard	2.158
Asimmetria (Skewness)	0.317
Appuntimento (Kurtosis)	0.830
Mediana (Φ)	3.402
Moda (Φ)	2.000

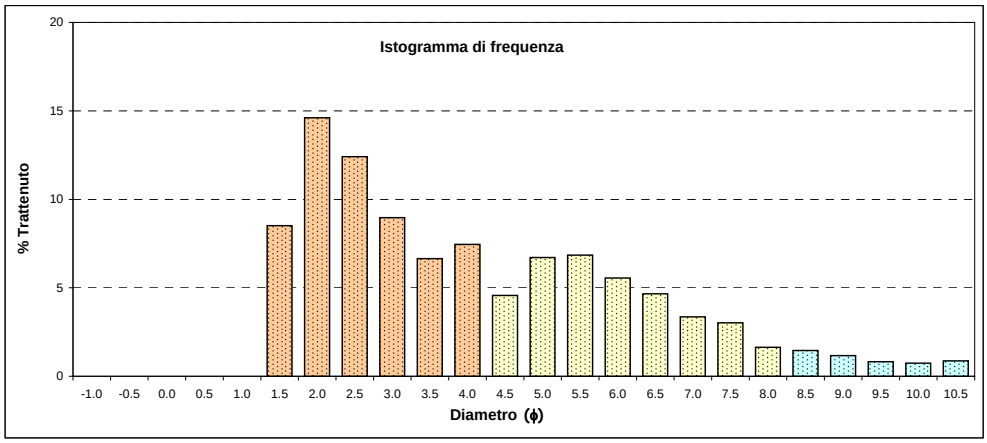
Percentili (Φ)	
5	1.272
16	1.735
25	2.065
50	3.402
75	5.435
84	6.232
95	8.095

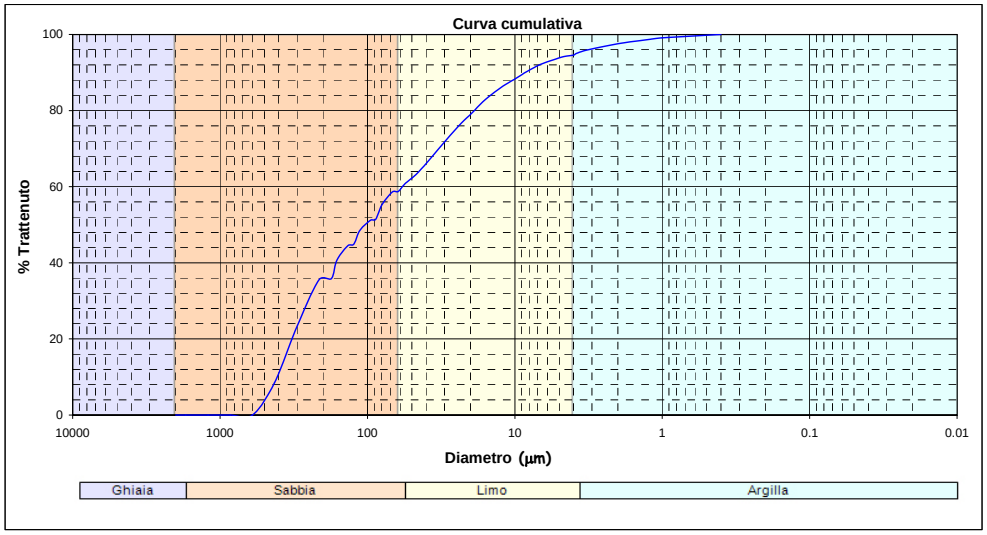
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	8.51%	8.51%
353.55	1.5		
353.55	1.5	14.61%	23.12%
250	2		
250	2	12.41%	35.53%
176.78	2.5		
176.78	2.5	0.31%	35.84%
175	2.515		
175	2.515	4.85%	40.69%
147	2.766		
147	2.766	3.81%	44.50%
125	3		
125	3	0.36%	44.86%
123	3.023		
123	3.023	3.59%	48.45%
103	3.279		
103	3.279	2.70%	51.14%
88.39	3.5		
88.39	3.5	0.33%	51.47%
87	3.523		
87	3.523	3.71%	55.18%
73	3.776		
73	3.776	3.42%	58.60%
62.5	4		
62.5	4	0.15%	58.75%
61	4.035		
61	4.035	1.92%	60.66%
51	4.293		
51	4.293	2.50%	63.17%
43	4.54		
43	4.54	3.16%	66.33%
36	4.796		
36	4.796	3.55%	69.88%
30	5.059		
30	5.059	3.58%	73.46%
25	5.322		
25	5.322	3.27%	76.72%
21	5.573		
21	5.573	2.68%	79.40%
18	5.796		
18	5.796	2.88%	82.28%
15	6.059		
15	6.059	2.54%	84.82%
12.5	6.322		
12.5	6.322	2.12%	86.93%
10.5	6.573		
10.5	6.573	1.64%	88.58%
9	6.796		
9	6.796	1.71%	90.29%
7.5	7.059		
7.5	7.059	1.79%	92.08%
6	7.381		
6	7.381	1.23%	93.31%
5	7.644		
5	7.644	0.87%	94.19%
4.3	7.861		
4.3	7.861	0.38%	94.57%
4	7.966		
4	7.966	0.38%	94.95%
3.7	8.078		
3.7	8.078	0.78%	95.72%
3.1	8.334		
3.1	8.334	0.67%	96.40%
2.6	8.587		
2.6	8.587	0.57%	96.97%
2.2	8.828		
2.2	8.828	0.60%	97.57%
1.8	9.118		
1.8	9.118	0.48%	98.05%
1.5	9.381		
1.5	9.381	0.34%	98.39%
1.3	9.587		
1.3	9.587	0.36%	98.75%
1.1	9.828		
1.1	9.828	0.38%	99.13%
0.9	10.118		
< 0,900	> 10,118	0.87%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(125-150)
Peso totale (g)	51.4
Frazione > 63 μm (%)	63.3
Frazione < 63 μm (%)	36.7

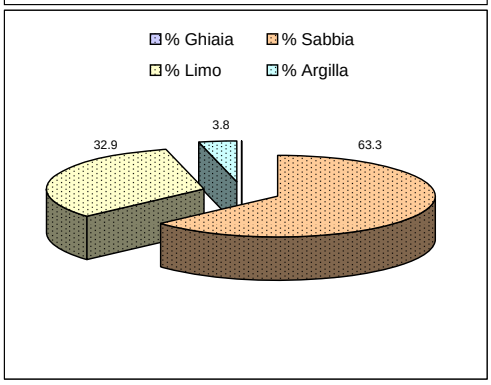
Frazione grossolana (> 63 μm) = 63.3	
% Ghiaia	% Sabbia
0.0	63.3

Frazione pelitica (< 63 μm) = 36.7	
% Limo	% Argilla
32.9	3.8

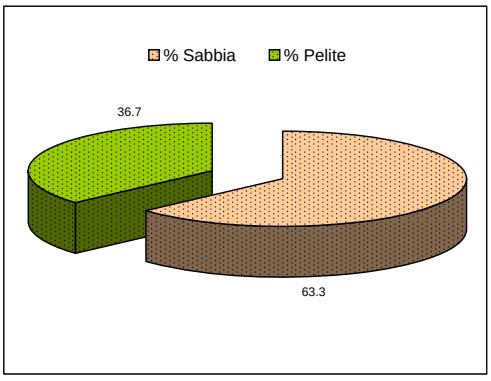
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.765
Deviazione Standard	1.870
Asimmetria (Skewness)	0.249
Appuntimento (Kurtosis)	0.973
Mediana (Φ)	3.525
Moda (Φ)	4.000

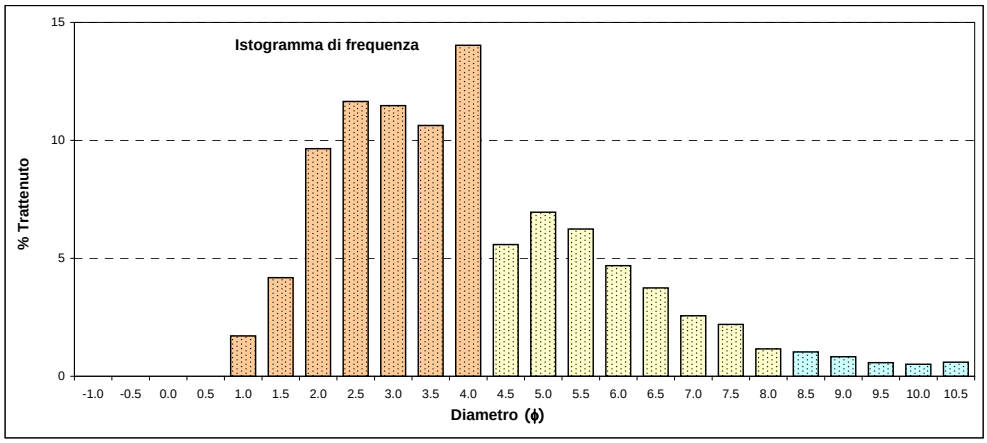
Percentili (Φ)	
5	1.378
16	2.017
25	2.392
50	3.525
75	4.990
84	5.755
95	7.549

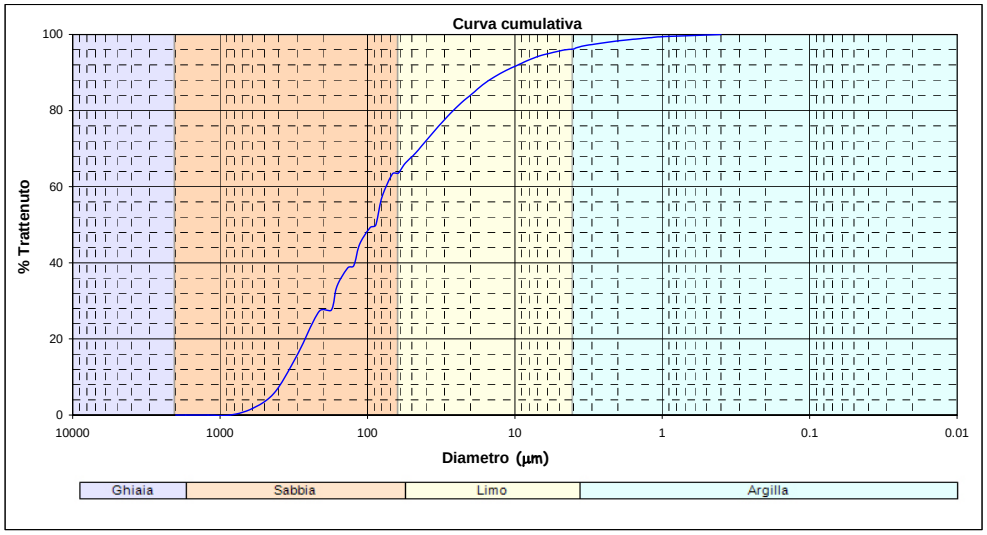
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.71%	1.71%
500	1		
500	1	4.18%	5.89%
353.55	1.5		
353.55	1.5	9.65%	15.54%
250	2		
250	2	11.65%	27.19%
176.78	2.5		
176.78	2.5	0.39%	27.59%
175	2.515		
175	2.515	6.21%	33.79%
147	2.766		
147	2.766	4.88%	38.67%
125	3		
125	3	0.57%	39.24%
123	3.023		
123	3.023	5.70%	44.93%
103	3.279		
103	3.279	4.36%	49.30%
88.39	3.5		
88.39	3.5	0.65%	49.95%
87	3.523		
87	3.523	7.18%	57.12%
73	3.776		
73	3.776	6.20%	63.32%
62.5	4		
62.5	4	0.20%	63.53%
61	4.035		
61	4.035	2.44%	65.97%
51	4.293		
51	4.293	2.94%	68.91%
43	4.54		
43	4.54	3.41%	72.32%
36	4.796		
36	4.796	3.54%	75.86%
30	5.059		
30	5.059	3.34%	79.20%
25	5.322		
25	5.322	2.90%	82.10%
21	5.573		
21	5.573	2.29%	84.39%
18	5.796		
18	5.796	2.40%	86.79%
15	6.059		
15	6.059	2.06%	88.85%
12.5	6.322		
12.5	6.322	1.68%	90.53%
10.5	6.573		
10.5	6.573	1.27%	91.81%
9	6.796		
9	6.796	1.29%	93.10%
7.5	7.059		
7.5	7.059	1.32%	94.42%
6	7.381		
6	7.381	0.89%	95.30%
5	7.644		
5	7.644	0.62%	95.92%
4.3	7.861		
4.3	7.861	0.27%	96.19%
4	7.966		
4	7.966	0.27%	96.46%
3.7	8.078		
3.7	8.078	0.55%	97.01%
3.1	8.334		
3.1	8.334	0.48%	97.49%
2.6	8.587		
2.6	8.587	0.40%	97.89%
2.2	8.828		
2.2	8.828	0.43%	98.32%
1.8	9.118		
1.8	9.118	0.34%	98.65%
1.5	9.381		
1.5	9.381	0.24%	98.89%
1.3	9.587		
1.3	9.587	0.25%	99.14%
1.1	9.828		
1.1	9.828	0.26%	99.40%
0.9	10.118		
< 0,900	> 10,118	0.60%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(150-175)
Peso totale (g)	11.8
Frazione > 63 μm (%)	16.2
Frazione < 63 μm (%)	83.8

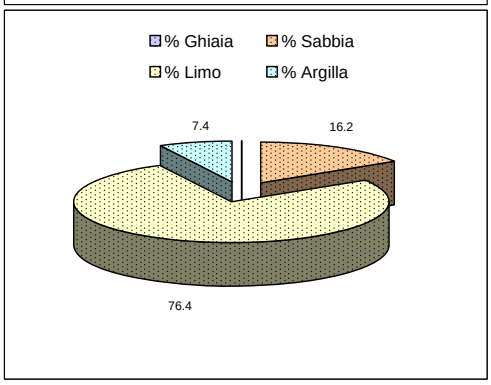
Frazione grossolana (> 63 μm) = 16.2	
% Ghiaia	% Sabbia
0.0	16.2

Frazione pelitica (< 63 μm) = 83.8	
% Limo	% Argilla
76.4	7.4

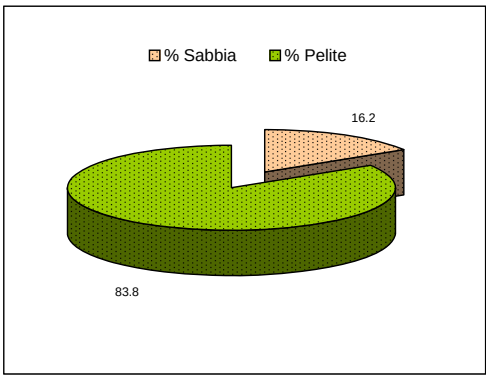
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.252
Deviazione Standard	1.451
Asimmetria (Skewness)	0.367
Appuntimento (Kurtosis)	1.104
Mediana (Φ)	4.970
Moda (Φ)	4.500

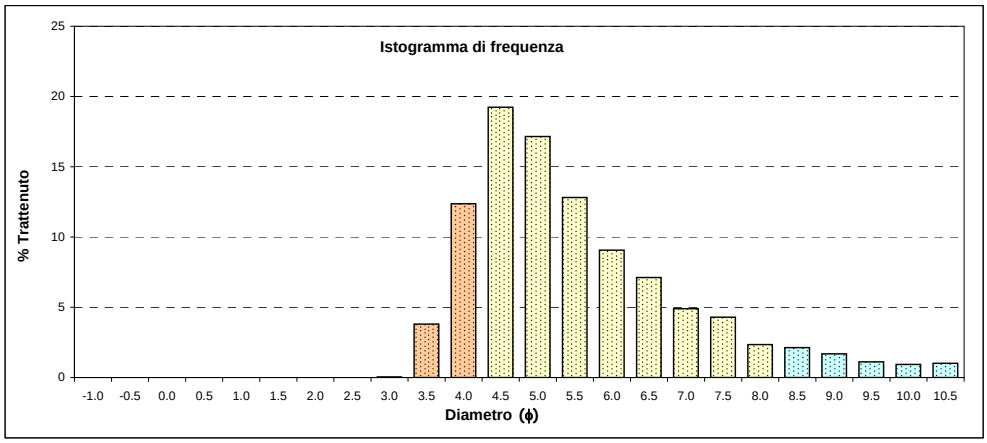
Percentili (Φ)	
5	3.563
16	3.993
25	4.253
50	4.970
75	6.091
84	6.794
95	8.516

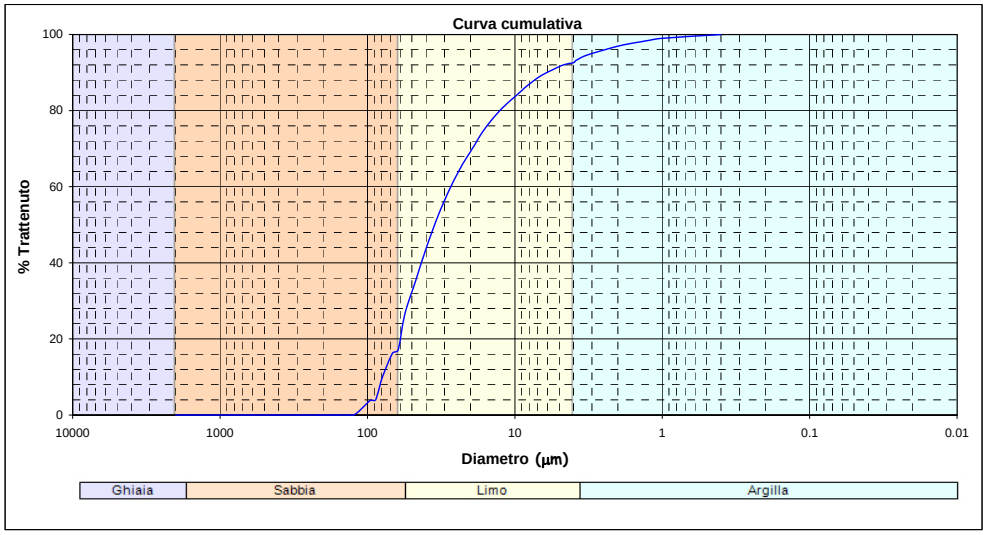
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.03%	0.03%
125	3		
125	3	0.00%	0.04%
123	3.023		
123	3.023	1.15%	1.18%
103	3.279		
103	3.279	2.65%	3.84%
88.39	3.5		
88.39	3.5	0.25%	4.09%
87	3.523		
87	3.523	5.35%	9.44%
73	3.776		
73	3.776	6.76%	16.20%
62.5	4		
62.5	4	0.97%	17.17%
61	4.035		
61	4.035	9.17%	26.34%
51	4.293		
51	4.293	9.10%	35.44%
43	4.54		
43	4.54	8.99%	44.43%
36	4.796		
36	4.796	8.17%	52.59%
30	5.059		
30	5.059	7.03%	59.62%
25	5.322		
25	5.322	5.79%	65.41%
21	5.573		
21	5.573	4.47%	69.88%
18	5.796		
18	5.796	4.60%	74.48%
15	6.059		
15	6.059	3.93%	78.41%
12.5	6.322		
12.5	6.322	3.19%	81.60%
10.5	6.573		
10.5	6.573	2.42%	84.02%
9	6.796		
9	6.796	2.48%	86.49%
7.5	7.059		
7.5	7.059	2.55%	89.04%
6	7.381		
6	7.381	1.74%	90.79%
5	7.644		
5	7.644	1.25%	92.04%
4.3	7.861		
4.3	7.861	0.55%	92.59%
4	7.966		
4	7.966	0.55%	93.13%
3.7	8.078		
3.7	8.078	1.14%	94.27%
3.1	8.334		
3.1	8.334	0.99%	95.26%
2.6	8.587		
2.6	8.587	0.82%	96.09%
2.2	8.828		
2.2	8.828	0.86%	96.94%
1.8	9.118		
1.8	9.118	0.66%	97.61%
1.5	9.381		
1.5	9.381	0.45%	98.06%
1.3	9.587		
1.3	9.587	0.46%	98.52%
1.1	9.828		
1.1	9.828	0.47%	98.99%
0.9	10.118		
< 0,900	> 10,118	1.01%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(175-200)
Peso totale (g)	15.3
Frazione > 63 μm (%)	12.3
Frazione < 63 μm (%)	87.7

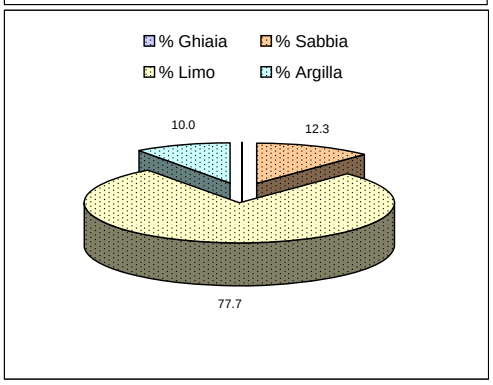
Frazione grossolana (> 63 μm) = 12.3	
% Ghiaia	% Sabbia
0.0	12.3

Frazione pelitica (< 63 μm) = 87.7	
% Limo	% Argilla
77.7	10.0

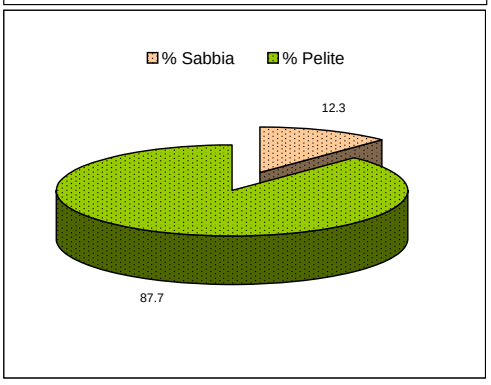
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.546
Deviazione Standard	1.575
Asimmetria (Skewness)	0.309
Appuntimento (Kurtosis)	1.099
Mediana (Φ)	5.291
Moda (Φ)	5.000

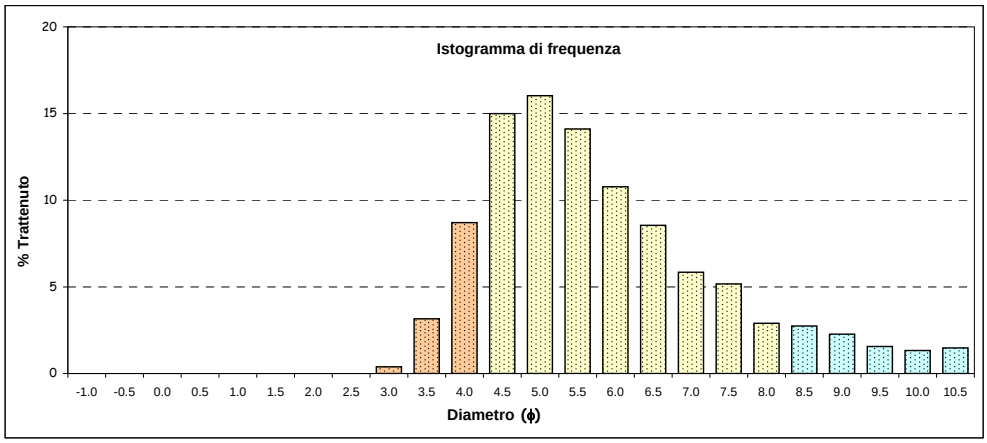
Percentili (Φ)	
5	3.604
16	4.144
25	4.460
50	5.291
75	6.455
84	7.202
95	8.954

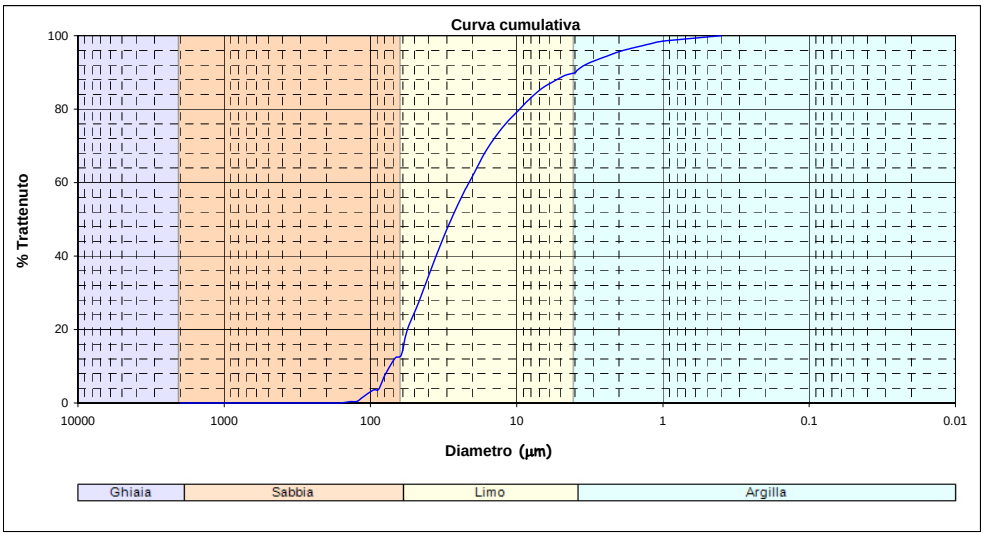
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.38%	0.38%
125	3		
125	3	0.03%	0.42%
123	3.023		
123	3.023	1.16%	1.58%
103	3.279		
103	3.279	1.97%	3.55%
88.39	3.5		
88.39	3.5	0.19%	3.73%
87	3.523		
87	3.523	3.72%	7.45%
73	3.776		
73	3.776	4.80%	12.25%
62.5	4		
62.5	4	0.69%	12.94%
61	4.035		
61	4.035	6.90%	19.84%
51	4.293		
51	4.293	7.41%	27.25%
43	4.54		
43	4.54	8.02%	35.26%
36	4.796		
36	4.796	8.02%	43.28%
30	5.059		
30	5.059	7.52%	50.80%
25	5.322		
25	5.322	6.59%	57.39%
21	5.573		
21	5.573	5.26%	62.65%
18	5.796		
18	5.796	5.51%	68.17%
15	6.059		
15	6.059	4.73%	72.89%
12.5	6.322		
12.5	6.322	3.82%	76.71%
10.5	6.573		
10.5	6.573	2.89%	79.60%
9	6.796		
9	6.796	2.95%	82.56%
7.5	7.059		
7.5	7.059	3.06%	85.62%
6	7.381		
6	7.381	2.11%	87.73%
5	7.644		
5	7.644	1.53%	89.26%
4.3	7.861		
4.3	7.861	0.68%	89.94%
4	7.966		
4	7.966	0.68%	90.62%
3.7	8.078		
3.7	8.078	1.45%	92.07%
3.1	8.334		
3.1	8.334	1.29%	93.37%
2.6	8.587		
2.6	8.587	1.10%	94.47%
2.2	8.828		
2.2	8.828	1.17%	95.63%
1.8	9.118		
1.8	9.118	0.92%	96.55%
1.5	9.381		
1.5	9.381	0.64%	97.19%
1.3	9.587		
1.3	9.587	0.66%	97.85%
1.1	9.828		
1.1	9.828	0.68%	98.52%
0.9	10.118		
< 0,900	> 10,118	1.48%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(200-225)
Peso totale (g)	18.7
Frazione > 63 μm (%)	8.2
Frazione < 63 μm (%)	91.8

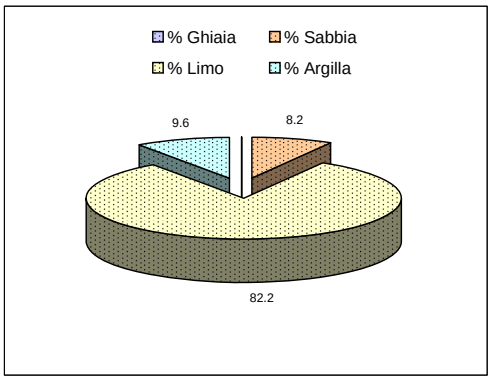
Frazione grossolana (> 63 μm) = 8.2	
% Ghiaia	% Sabbia
0.0	8.2

Frazione pelitica (< 63 μm) = 91.8	
% Limo	% Argilla
82.2	9.6

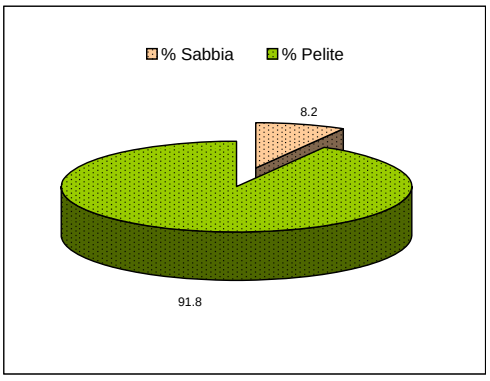
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.570
Deviazione Standard	1.478
Asimmetria (Skewness)	0.359
Appuntimento (Kurtosis)	1.131
Mediana (Φ)	5.294
Moda (Φ)	5.000

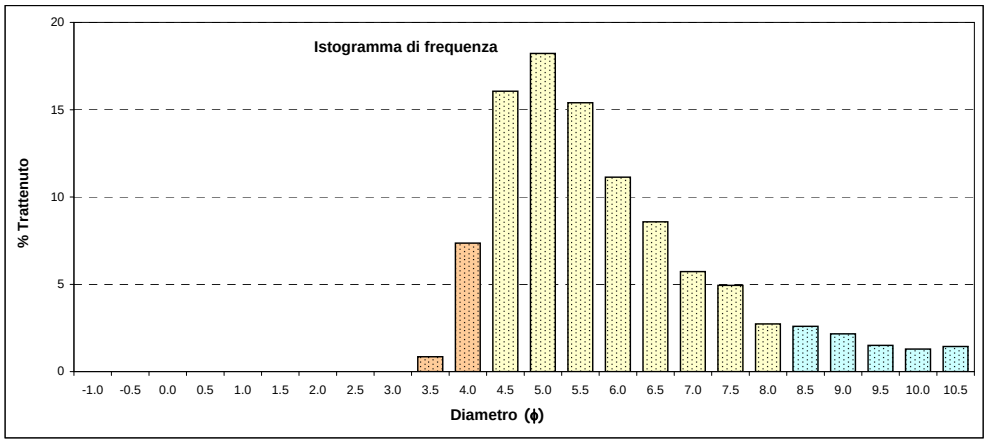
Percentili (Φ)	
5	3.836
16	4.291
25	4.558
50	5.294
75	6.397
84	7.126
95	8.911

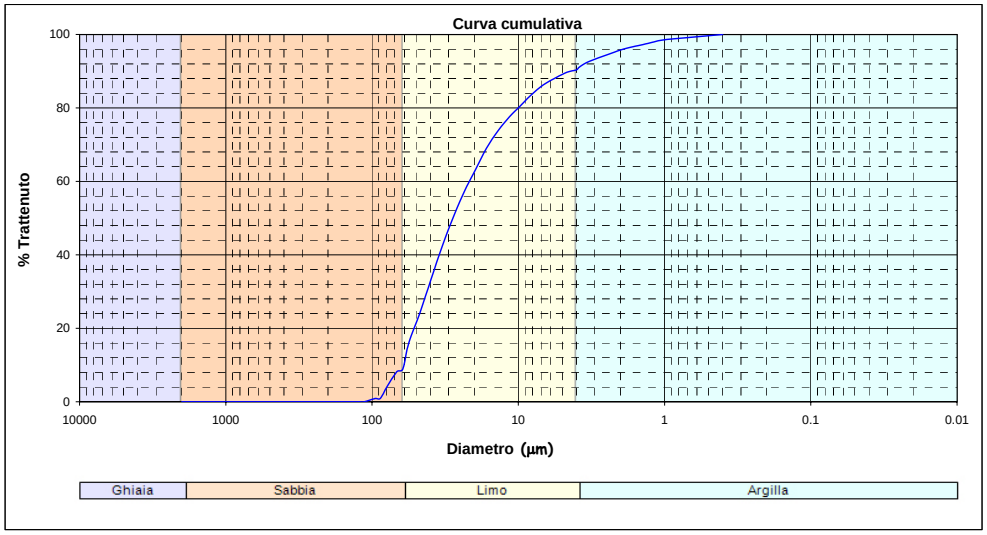
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.85%	0.85%
88.39	3.5		
88.39	3.5	0.08%	0.93%
87	3.523		
87	3.523	2.80%	3.73%
73	3.776		
73	3.776	4.48%	8.21%
62.5	4		
62.5	4	0.64%	8.85%
61	4.035		
61	4.035	7.20%	16.05%
51	4.293		
51	4.293	8.21%	24.27%
43	4.54		
43	4.54	9.13%	33.39%
36	4.796		
36	4.796	9.10%	42.49%
30	5.059		
30	5.059	8.33%	50.82%
25	5.322		
25	5.322	7.07%	57.89%
21	5.573		
21	5.573	5.50%	63.39%
18	5.796		
18	5.796	5.64%	69.03%
15	6.059		
15	6.059	4.77%	73.80%
12.5	6.322		
12.5	6.322	3.81%	77.61%
10.5	6.573		
10.5	6.573	2.85%	80.46%
9	6.796		
9	6.796	2.88%	83.33%
7.5	7.059		
7.5	7.059	2.94%	86.27%
6	7.381		
6	7.381	2.00%	88.28%
5	7.644		
5	7.644	1.44%	89.72%
4.3	7.861		
4.3	7.861	0.64%	90.37%
4	7.966		
4	7.966	0.64%	91.01%
3.7	8.078		
3.7	8.078	1.37%	92.38%
3.1	8.334		
3.1	8.334	1.23%	93.61%
2.6	8.587		
2.6	8.587	1.05%	94.66%
2.2	8.828		
2.2	8.828	1.12%	95.77%
1.8	9.118		
1.8	9.118	0.89%	96.66%
1.5	9.381		
1.5	9.381	0.61%	97.27%
1.3	9.587		
1.3	9.587	0.63%	97.91%
1.1	9.828		
1.1	9.828	0.65%	98.56%
0.9	10.118		
< 0,900	> 10,118	1.44%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM19
Livello (cm)	(225-250)
Peso totale (g)	72.5
Frazione > 63 µm (%)	84.0
Frazione < 63 µm (%)	16.0

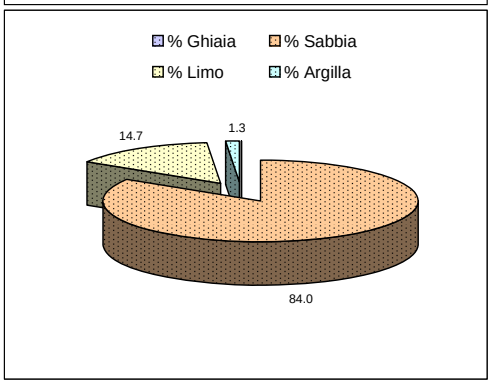
Frazione grossolana (> 63 µm) = 84.0	
% Ghiaia	% Sabbia
0.0	84.0

Frazione pelitica (< 63 µm) = 16.0	
% Limo	% Argilla
14.7	1.3

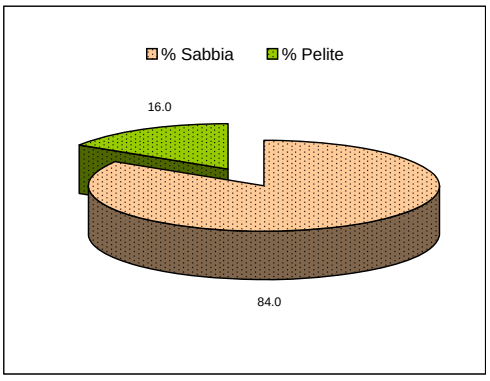
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.229
Deviazione Standard	0.939
Asimmetria (Skewness)	0.303
Appuntimento (Kurtosis)	1.523
Mediana (Φ)	3.143
Moda (Φ)	3.000

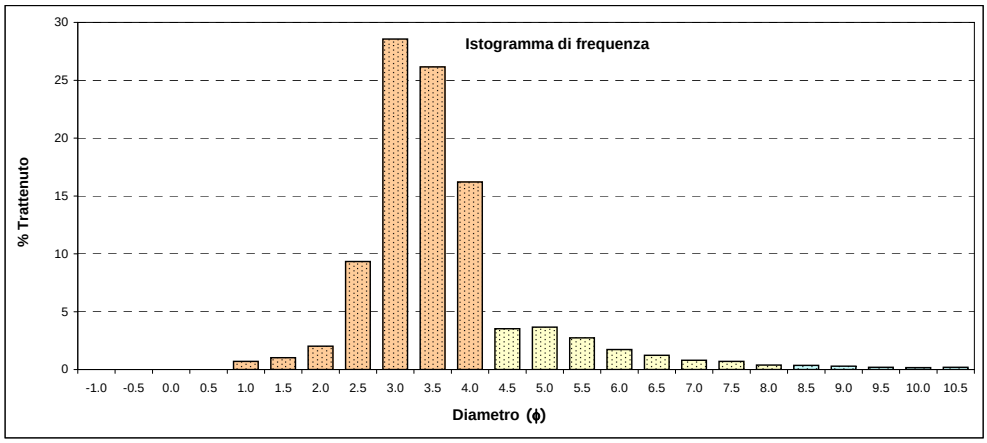
Percentili (Φ)	
5	2.058
16	2.544
25	2.688
50	3.143
75	3.709
84	4.001
95	5.852

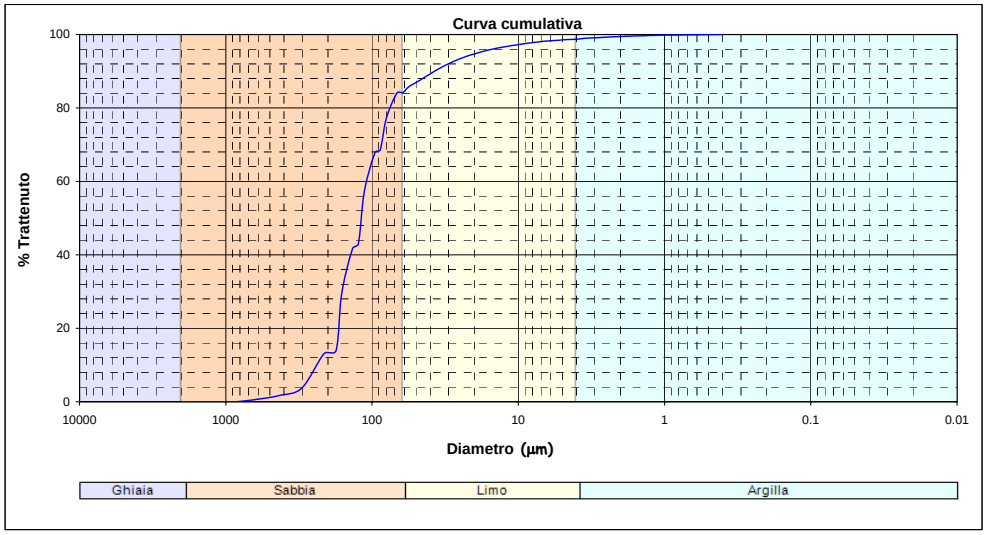
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.70%	0.70%
500	1		
500	1	1.02%	1.72%
353.55	1.5		
353.55	1.5	2.01%	3.74%
250	2		
250	2	9.33%	13.07%
176.78	2.5		
176.78	2.5	0.98%	14.05%
175	2.515		
175	2.515	15.45%	29.50%
147	2.766		
147	2.766	12.14%	41.64%
125	3		
125	3	1.41%	43.05%
123	3.023		
123	3.023	14.16%	57.21%
103	3.279		
103	3.279	10.58%	67.79%
88.39	3.5		
88.39	3.5	0.80%	68.59%
87	3.523		
87	3.523	8.51%	77.10%
73	3.776		
73	3.776	6.90%	84.00%
62.5	4		
62.5	4	0.15%	84.15%
61	4.035		
61	4.035	1.62%	85.76%
51	4.293		
51	4.293	1.77%	87.53%
43	4.54		
43	4.54	1.88%	89.41%
36	4.796		
36	4.796	1.78%	91.19%
30	5.059		
30	5.059	1.53%	92.72%
25	5.322		
25	5.322	1.21%	93.93%
21	5.573		
21	5.573	0.88%	94.81%
18	5.796		
18	5.796	0.85%	95.66%
15	6.059		
15	6.059	0.69%	96.34%
12.5	6.322		
12.5	6.322	0.54%	96.88%
10.5	6.573		
10.5	6.573	0.40%	97.28%
9	6.796		
9	6.796	0.41%	97.69%
7.5	7.059		
7.5	7.059	0.42%	98.11%
6	7.381		
6	7.381	0.29%	98.40%
5	7.644		
5	7.644	0.21%	98.61%
4.3	7.861		
4.3	7.861	0.09%	98.70%
4	7.966		
4	7.966	0.09%	98.79%
3.7	8.078		
3.7	8.078	0.19%	98.98%
3.1	8.334		
3.1	8.334	0.17%	99.15%
2.6	8.587		
2.6	8.587	0.14%	99.29%
2.2	8.828		
2.2	8.828	0.15%	99.44%
1.8	9.118		
1.8	9.118	0.12%	99.55%
1.5	9.381		
1.5	9.381	0.08%	99.63%
1.3	9.587		
1.3	9.587	0.08%	99.72%
1.1	9.828		
1.1	9.828	0.09%	99.81%
0.9	10.118		
< 0,900	> 10,118	0.19%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM19**
Livello (cm)	**(250-275)**
Peso totale (g)	107.0
Frazione > 63 μm (%)	89.2
Frazione < 63 μm (%)	10.8

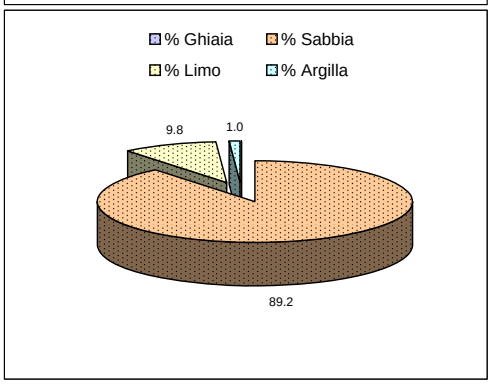
Frazione grossolana (> 63 μm) = 89.2	
% Ghiaia	**% Sabbia**
0.0	**89.2**

Frazione pelitica (< 63 μm) = 10.8	
% Limo	**% Argilla**
9.8	**1.0**

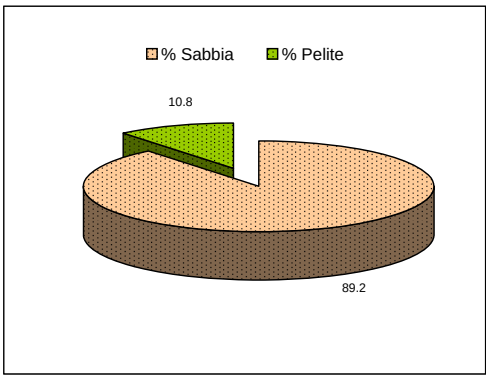
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.195
Deviazione Standard	0.812
Asimmetria (Skewness)	0.290
Appuntimento (Kurtosis)	1.644
Mediana (Φ)	3.143
Moda (Φ)	3.500

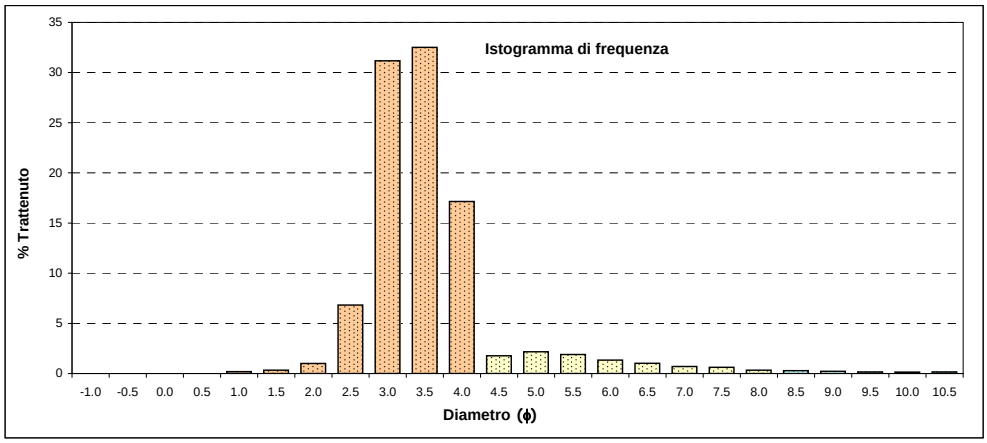
Percentili (Φ)	
5	2.232
16	2.607
25	2.745
50	3.143
75	3.576
84	3.833
95	5.566

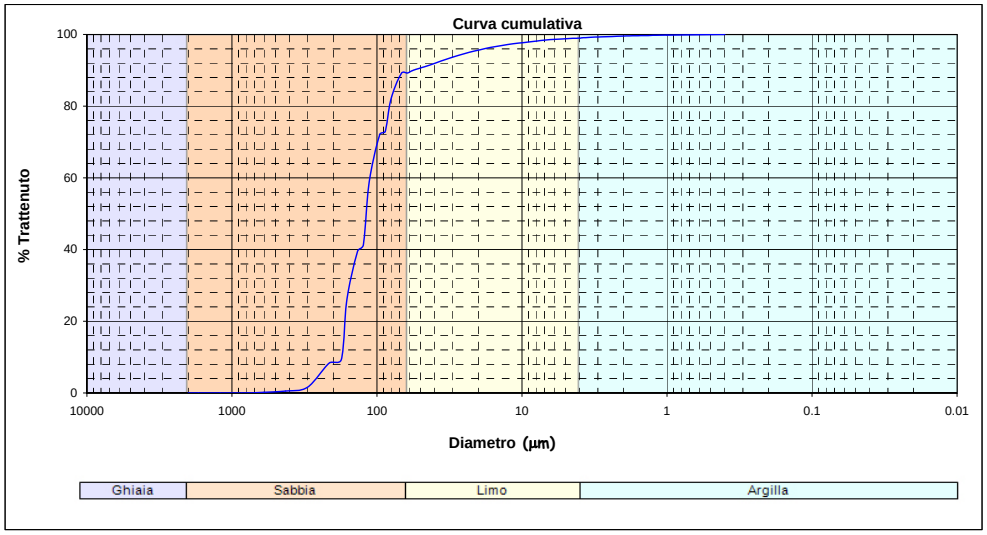
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.20%	0.20%
500	1		
500	1	0.34%	0.53%
353.55	1.5		
353.55	1.5	1.01%	1.54%
250	2		
250	2	6.82%	8.36%
176.78	2.5		
176.78	2.5	1.07%	9.44%
175	2.515		
175	2.515	16.85%	26.29%
147	2.766		
147	2.766	13.24%	39.53%
125	3		
125	3	1.77%	41.30%
123	3.023		
123	3.023	17.71%	59.02%
103	3.279		
103	3.279	13.03%	72.04%
88.39	3.5		
88.39	3.5	0.89%	72.93%
87	3.523		
87	3.523	9.14%	82.07%
73	3.776		
73	3.776	7.11%	89.18%
62.5	4		
62.5	4	0.07%	89.25%
61	4.035		
61	4.035	0.79%	90.04%
51	4.293		
51	4.293	0.92%	90.96%
43	4.54		
43	4.54	1.07%	92.03%
36	4.796		
36	4.796	1.10%	93.13%
30	5.059		
30	5.059	1.03%	94.15%
25	5.322		
25	5.322	0.87%	95.02%
21	5.573		
21	5.573	0.67%	95.69%
18	5.796		
18	5.796	0.67%	96.37%
15	6.059		
15	6.059	0.57%	96.93%
12.5	6.322		
12.5	6.322	0.46%	97.39%
10.5	6.573		
10.5	6.573	0.35%	97.74%
9	6.796		
9	6.796	0.36%	98.10%
7.5	7.059		
7.5	7.059	0.37%	98.47%
6	7.381		
6	7.381	0.25%	98.72%
5	7.644		
5	7.644	0.18%	98.90%
4.3	7.861		
4.3	7.861	0.08%	98.97%
4	7.966		
4	7.966	0.08%	99.05%
3.7	8.078		
3.7	8.078	0.15%	99.20%
3.1	8.334		
3.1	8.334	0.13%	99.33%
2.6	8.587		
2.6	8.587	0.11%	99.44%
2.2	8.828		
2.2	8.828	0.11%	99.55%
1.8	9.118		
1.8	9.118	0.09%	99.64%
1.5	9.381		
1.5	9.381	0.06%	99.70%
1.3	9.587		
1.3	9.587	0.07%	99.77%
1.1	9.828		
1.1	9.828	0.07%	99.84%
0.9	10.118		
< 0,900	> 10,118	0.16%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(0-25)
Peso totale (g)	20.7
Frazione > 63 μm (%)	30.2
Frazione < 63 μm (%)	69.8

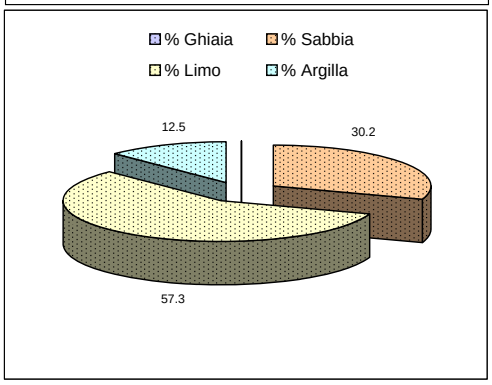
Frazione grossolana (> 63 μm) = 30.2	
% Ghiaia	% Sabbia
0.0	30.2

Frazione pelitica (< 63 μm) = 69.8	
% Limo	% Argilla
57.3	12.5

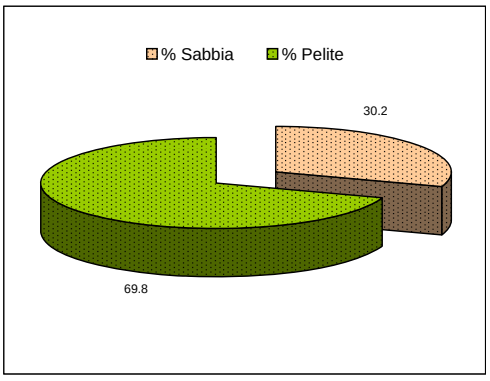
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.314
Deviazione Standard	2.254
Asimmetria (Skewness)	0.017
Appuntimento (Kurtosis)	0.999
Mediana (Φ)	5.339
Moda (Φ)	5.500

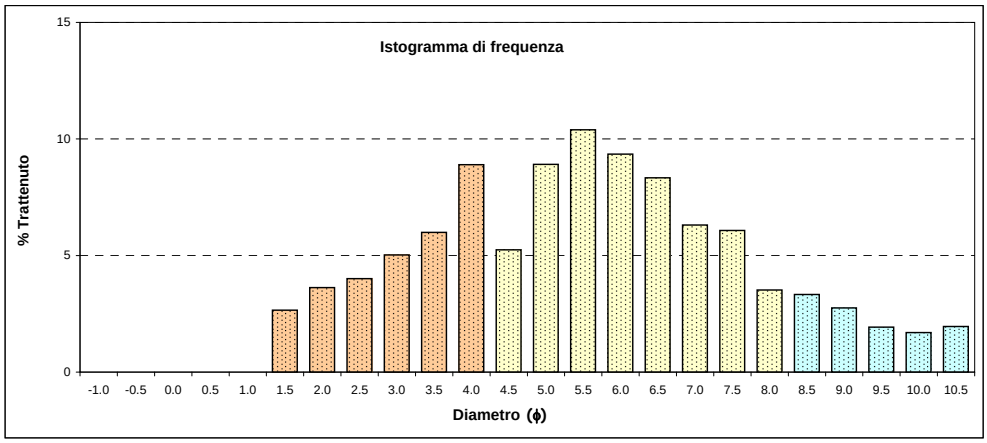
Percentili (Φ)	
5	1.803
16	3.049
25	3.705
50	5.339
75	6.758
84	7.553
95	9.246

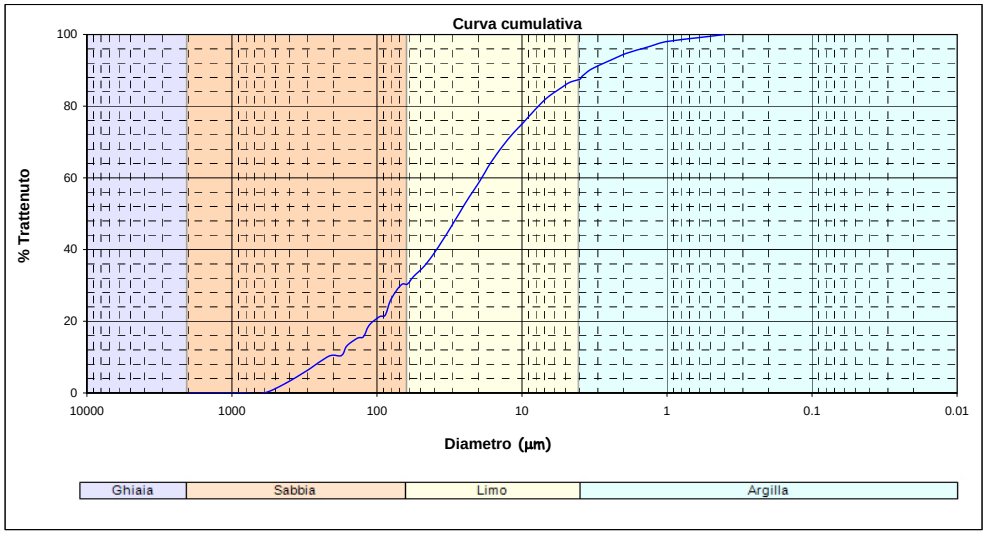
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	2.66%	2.66%
353.55	1.5		
353.55	1.5	3.63%	6.28%
250	2		
250	2	4.01%	10.30%
176.78	2.5		
176.78	2.5	0.17%	10.47%
175	2.515		
175	2.515	2.72%	13.19%
147	2.766		
147	2.766	2.14%	15.32%
125	3		
125	3	0.33%	15.65%
123	3.023		
123	3.023	3.27%	18.92%
103	3.279		
103	3.279	2.39%	21.32%
88.39	3.5		
88.39	3.5	0.40%	21.72%
87	3.523		
87	3.523	4.45%	26.16%
73	3.776		
73	3.776	4.05%	30.21%
62.5	4		
62.5	4	0.15%	30.36%
61	4.035		
61	4.035	2.11%	32.47%
51	4.293		
51	4.293	2.98%	35.45%
43	4.54		
43	4.54	4.04%	39.50%
36	4.796		
36	4.796	4.87%	44.36%
30	5.059		
30	5.059	5.27%	49.63%
25	5.322		
25	5.322	5.13%	54.76%
21	5.573		
21	5.573	4.41%	59.17%
18	5.796		
18	5.796	4.94%	64.10%
15	6.059		
15	6.059	4.50%	68.60%
12.5	6.322		
12.5	6.322	3.84%	72.44%
10.5	6.573		
10.5	6.573	3.04%	75.48%
9	6.796		
9	6.796	3.26%	78.74%
7.5	7.059		
7.5	7.059	3.55%	82.29%
6	7.381		
6	7.381	2.53%	84.82%
5	7.644		
5	7.644	1.86%	86.68%
4.3	7.861		
4.3	7.861	0.83%	87.51%
4	7.966		
4	7.966	0.83%	88.34%
3.7	8.078		
3.7	8.078	1.76%	90.10%
3.1	8.334		
3.1	8.334	1.56%	91.67%
2.6	8.587		
2.6	8.587	1.33%	93.00%
2.2	8.828		
2.2	8.828	1.42%	94.42%
1.8	9.118		
1.8	9.118	1.13%	95.56%
1.5	9.381		
1.5	9.381	0.79%	96.35%
1.3	9.587		
1.3	9.587	0.83%	97.18%
1.1	9.828		
1.1	9.828	0.87%	98.05%
0.9	10.118		
< 0,900	> 10,118	1.95%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(25-50)
Peso totale (g)	49.8
Frazione > 63 μm (%)	37.0
Frazione < 63 μm (%)	63.0

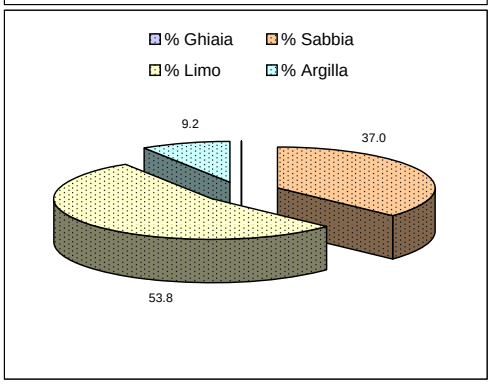
Frazione grossolana (> 63 μm) = 37.0	
% Ghiaia	% Sabbia
0.0	37.0

Frazione pelitica (< 63 μm) = 63.0	
% Limo	% Argilla
53.8	9.2

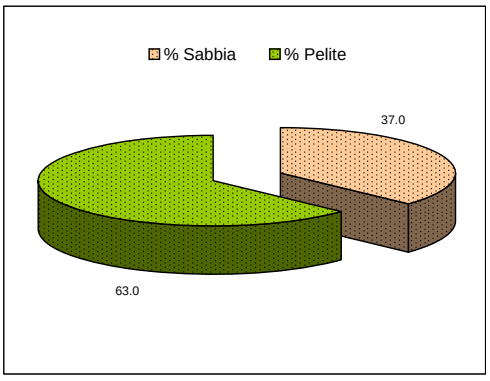
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.839
Deviazione Standard	2.288
Asimmetria (Skewness)	-0.008
Appuntimento (Kurtosis)	1.032
Mediana (Φ)	4.926
Moda (Φ)	5.500

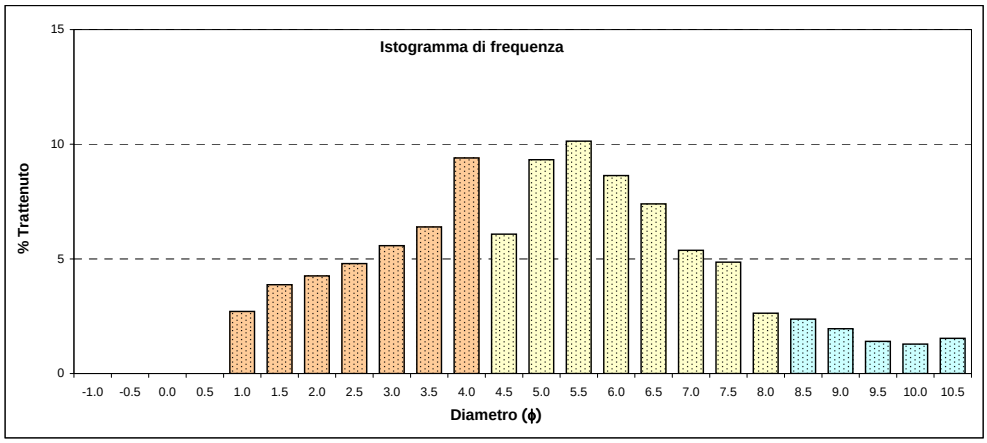
Percentili (Φ)	
5	1.274
16	2.528
25	3.281
50	4.926
75	6.307
84	7.063
95	8.891

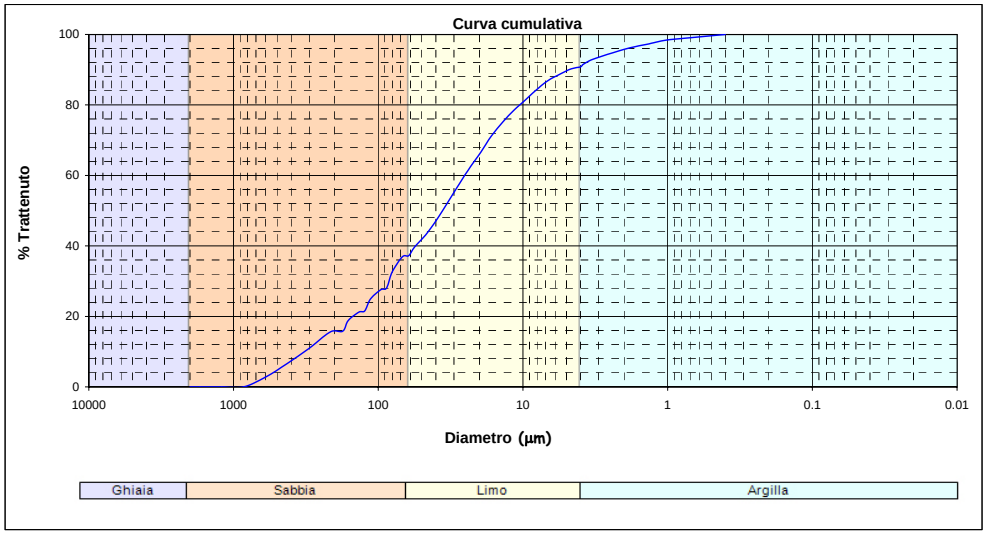
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	2.71%	2.71%
500	1		
500	1	3.87%	6.58%
353.55	1.5		
353.55	1.5	4.26%	10.84%
250	2		
250	2	4.80%	15.63%
176.78	2.5		
176.78	2.5	0.19%	15.83%
175	2.515		
175	2.515	3.02%	18.84%
147	2.766		
147	2.766	2.37%	21.21%
125	3		
125	3	0.34%	21.56%
123	3.023		
123	3.023	3.42%	24.98%
103	3.279		
103	3.279	2.63%	27.60%
88.39	3.5		
88.39	3.5	0.40%	28.01%
87	3.523		
87	3.523	4.67%	32.68%
73	3.776		
73	3.776	4.33%	37.01%
62.5	4		
62.5	4	0.20%	37.20%
61	4.035		
61	4.035	2.54%	39.74%
51	4.293		
51	4.293	3.35%	43.09%
43	4.54		
43	4.54	4.33%	47.42%
36	4.796		
36	4.796	5.00%	52.42%
30	5.059		
30	5.059	5.22%	57.64%
25	5.322		
25	5.322	4.92%	62.55%
21	5.573		
21	5.573	4.12%	66.68%
18	5.796		
18	5.796	4.51%	71.19%
15	6.059		
15	6.059	4.02%	75.21%
12.5	6.322		
12.5	6.322	3.38%	78.59%
10.5	6.573		
10.5	6.573	2.63%	81.21%
9	6.796		
9	6.796	2.75%	83.96%
7.5	7.059		
7.5	7.059	2.88%	86.84%
6	7.381		
6	7.381	1.98%	88.82%
5	7.644		
5	7.644	1.41%	90.22%
4.3	7.861		
4.3	7.861	0.61%	90.84%
4	7.966		
4	7.966	0.61%	91.45%
3.7	8.078		
3.7	8.078	1.27%	92.71%
3.1	8.334		
3.1	8.334	1.11%	93.82%
2.6	8.587		
2.6	8.587	0.94%	94.76%
2.2	8.828		
2.2	8.828	1.01%	95.78%
1.8	9.118		
1.8	9.118	0.82%	96.60%
1.5	9.381		
1.5	9.381	0.58%	97.18%
1.3	9.587		
1.3	9.587	0.62%	97.80%
1.1	9.828		
1.1	9.828	0.66%	98.46%
0.9	10.118		
< 0,900	> 10,118	1.54%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(50-75)
Peso totale (g)	29.8
Frazione > 63 μm (%)	34.8
Frazione < 63 μm (%)	65.2

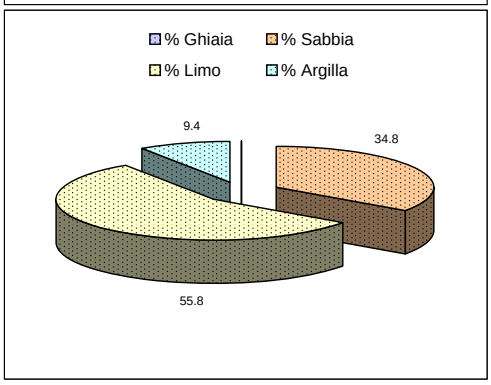
Frazione grossolana (> 63 μm) = 34.8	
% Ghiaia	% Sabbia
0.0	34.8

Frazione pelitica (< 63 μm) = 65.2	
% Limo	% Argilla
55.8	9.4

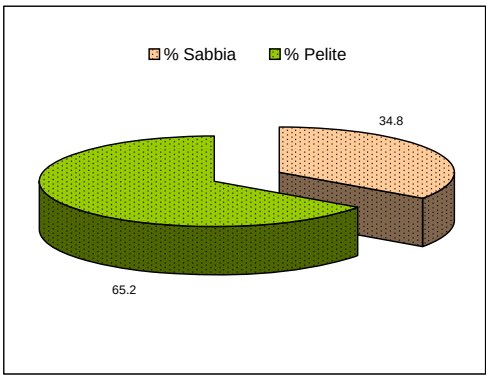
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.854
Deviazione Standard	2.239
Asimmetria (Skewness)	0.041
Appuntimento (Kurtosis)	1.047
Mediana (Φ)	4.871
Moda (Φ)	5.000

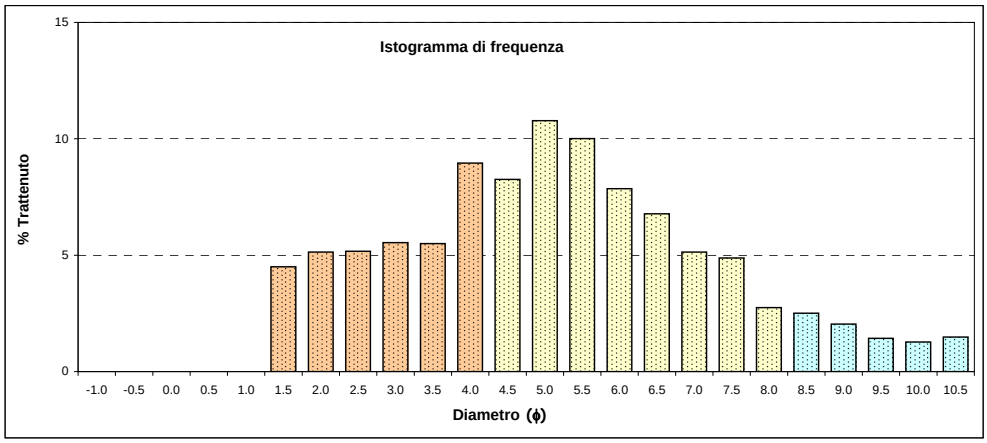
Percentili (Φ)	
5	1.542
16	2.594
25	3.416
50	4.871
75	6.293
84	7.097
95	8.889

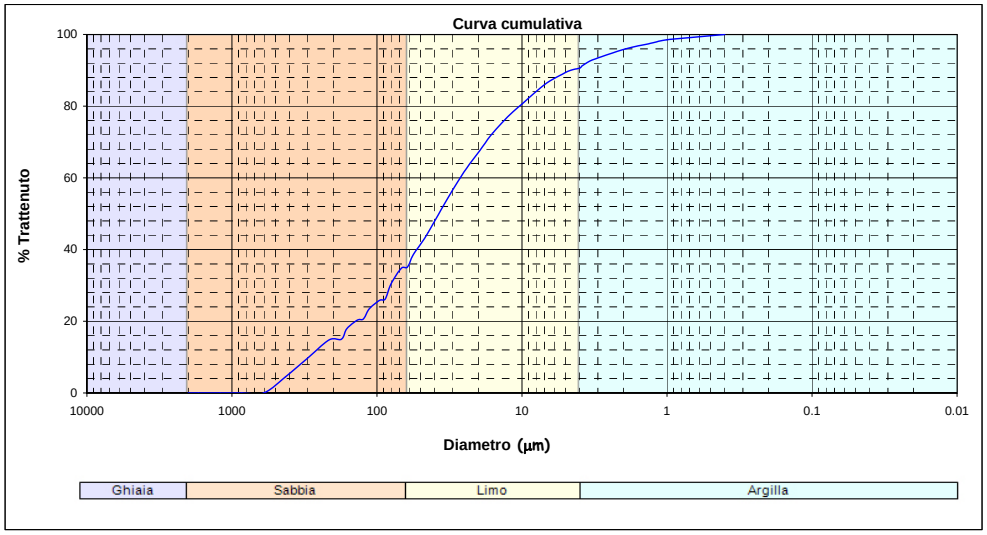
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	4.50%	4.50%
353.55	1.5		
353.55	1.5	5.14%	9.64%
250	2		
250	2	5.17%	14.81%
176.78	2.5		
176.78	2.5	0.19%	15.00%
175	2.515		
175	2.515	3.00%	18.00%
147	2.766		
147	2.766	2.35%	20.35%
125	3		
125	3	0.29%	20.64%
123	3.023		
123	3.023	2.86%	23.50%
103	3.279		
103	3.279	2.35%	25.85%
88.39	3.5		
88.39	3.5	0.34%	26.19%
87	3.523		
87	3.523	4.25%	30.44%
73	3.776		
73	3.776	4.37%	34.81%
62.5	4		
62.5	4	0.29%	35.10%
61	4.035		
61	4.035	3.57%	38.67%
51	4.293		
51	4.293	4.40%	43.07%
43	4.54		
43	4.54	5.24%	48.31%
36	4.796		
36	4.796	5.54%	53.85%
30	5.059		
30	5.059	5.32%	59.17%
25	5.322		
25	5.322	4.69%	63.86%
21	5.573		
21	5.573	3.79%	67.64%
18	5.796		
18	5.796	4.07%	71.72%
15	6.059		
15	6.059	3.66%	75.38%
12.5	6.322		
12.5	6.322	3.12%	78.49%
10.5	6.573		
10.5	6.573	2.48%	80.97%
9	6.796		
9	6.796	2.66%	83.63%
7.5	7.059		
7.5	7.059	2.86%	86.49%
6	7.381		
6	7.381	2.01%	88.51%
5	7.644		
5	7.644	1.46%	89.97%
4.3	7.861		
4.3	7.861	0.64%	90.61%
4	7.966		
4	7.966	0.64%	91.26%
3.7	8.078		
3.7	8.078	1.34%	92.60%
3.1	8.334		
3.1	8.334	1.17%	93.77%
2.6	8.587		
2.6	8.587	0.99%	94.76%
2.2	8.828		
2.2	8.828	1.05%	95.82%
1.8	9.118		
1.8	9.118	0.84%	96.66%
1.5	9.381		
1.5	9.381	0.59%	97.24%
1.3	9.587		
1.3	9.587	0.62%	97.86%
1.1	9.828		
1.1	9.828	0.65%	98.52%
0.9	10.118		
< 0,900	> 10,118	1.48%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(75-100)
Peso totale (g)	31.6
Frazione > 63 μm (%)	37.6
Frazione < 63 μm (%)	62.4

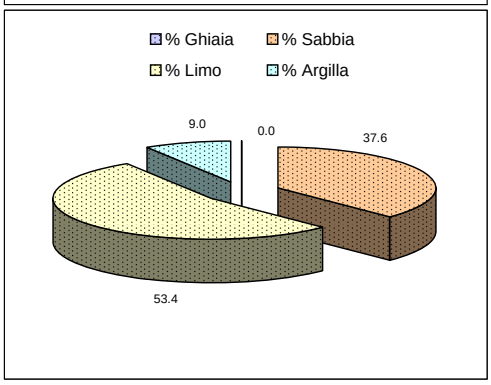
Frazione grossolana (> 63 μm) = 37.6	
% Ghiaia	% Sabbia
0.0	37.6

Frazione pelitica (< 63 μm) = 62.4	
% Limo	% Argilla
53.4	9.0

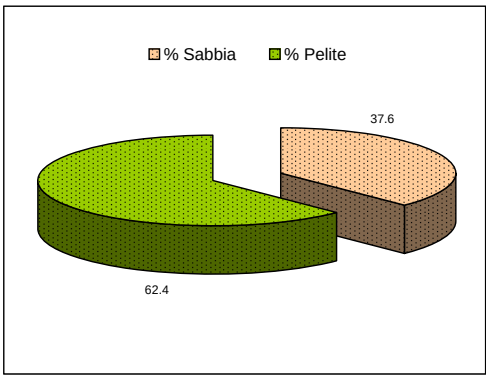
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.669
Deviazione Standard	2.403
Asimmetria (Skewness)	-0.023
Appuntimento (Kurtosis)	1.049
Mediana (Φ)	4.779
Moda (Φ)	5.000

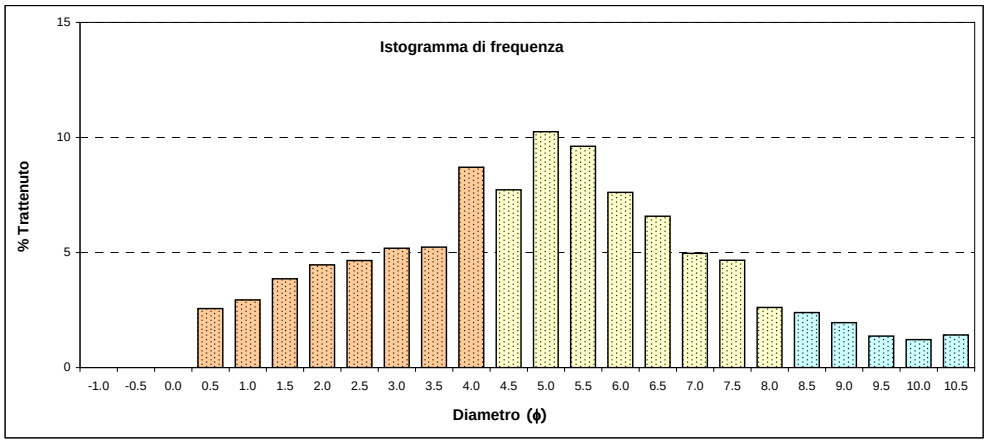
Percentili (Φ)	
5	0.900
16	2.212
25	3.115
50	4.779
75	6.215
84	7.018
95	8.831

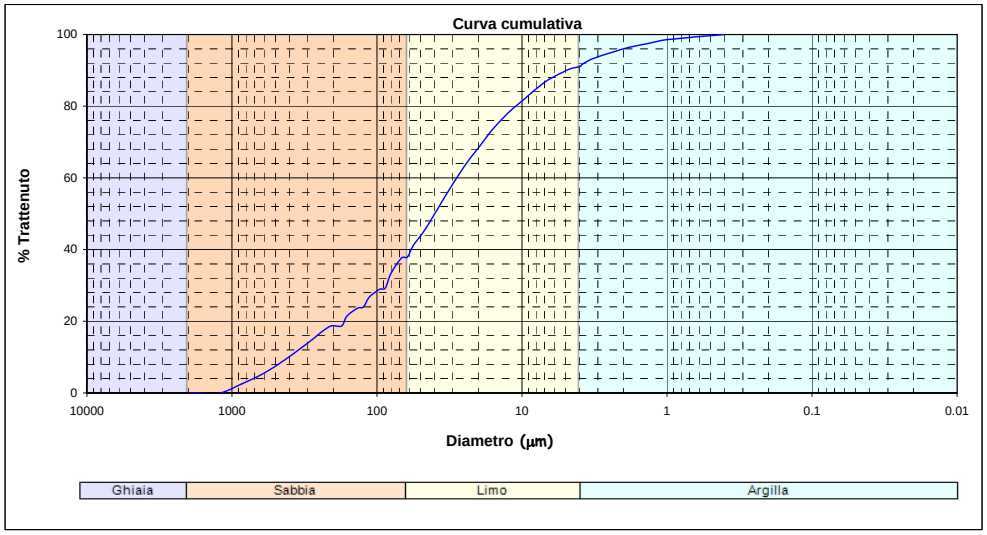
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	2.56%	2.56%
707.11	0.5		
707.11	0.5	2.94%	5.51%
500	1		
500	1	3.86%	9.37%
353.55	1.5		
353.55	1.5	4.46%	13.83%
250	2		
250	2	4.65%	18.49%
176.78	2.5		
176.78	2.5	0.18%	18.66%
175	2.515		
175	2.515	2.81%	21.47%
147	2.766		
147	2.766	2.21%	23.68%
125	3		
125	3	0.28%	23.95%
123	3.023		
123	3.023	2.77%	26.72%
103	3.279		
103	3.279	2.19%	28.91%
88.39	3.5		
88.39	3.5	0.33%	29.24%
87	3.523		
87	3.523	4.14%	33.39%
73	3.776		
73	3.776	4.23%	37.62%
62.5	4		
62.5	4	0.26%	37.88%
61	4.035		
61	4.035	3.32%	41.20%
51	4.293		
51	4.293	4.14%	45.34%
43	4.54		
43	4.54	4.97%	50.31%
36	4.796		
36	4.796	5.28%	55.59%
30	5.059		
30	5.059	5.10%	60.69%
25	5.322		
25	5.322	4.52%	65.21%
21	5.573		
21	5.573	3.66%	68.87%
18	5.796		
18	5.796	3.95%	72.82%
15	6.059		
15	6.059	3.55%	76.37%
12.5	6.322		
12.5	6.322	3.03%	79.40%
10.5	6.573		
10.5	6.573	2.40%	81.80%
9	6.796		
9	6.796	2.56%	84.37%
7.5	7.059		
7.5	7.059	2.75%	87.11%
6	7.381		
6	7.381	1.92%	89.03%
5	7.644		
5	7.644	1.39%	90.42%
4.3	7.861		
4.3	7.861	0.61%	91.03%
4	7.966		
4	7.966	0.61%	91.65%
3.7	8.078		
3.7	8.078	1.28%	92.92%
3.1	8.334		
3.1	8.334	1.12%	94.04%
2.6	8.587		
2.6	8.587	0.95%	94.99%
2.2	8.828		
2.2	8.828	1.01%	96.00%
1.8	9.118		
1.8	9.118	0.81%	96.80%
1.5	9.381		
1.5	9.381	0.56%	97.37%
1.3	9.587		
1.3	9.587	0.59%	97.96%
1.1	9.828		
1.1	9.828	0.62%	98.58%
0.9	10.118		
< 0,900	> 10,118	1.42%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(100-125)
Peso totale (g)	20.6
Frazione > 63 μm (%)	33.6
Frazione < 63 μm (%)	66.4

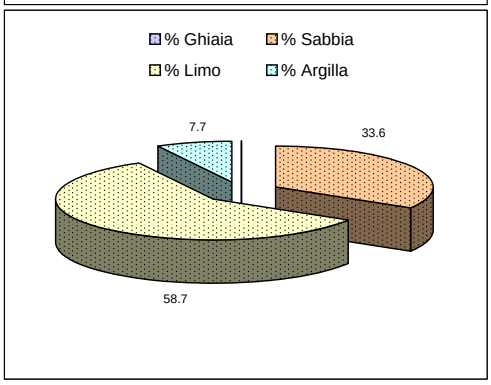
Frazione grossolana (> 63 μm) = 33.6	
% Ghiaia	% Sabbia
0.0	33.6

Frazione pelitica (< 63 μm) = 66.4	
% Limo	% Argilla
58.7	7.7

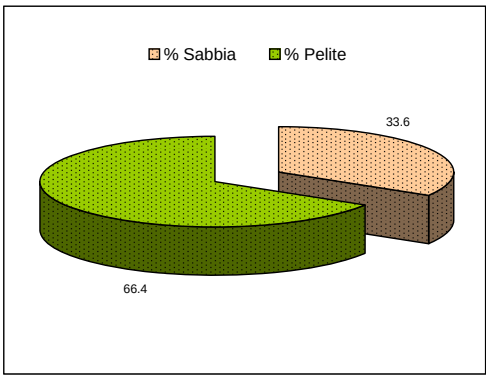
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.698
Deviazione Standard	2.176
Asimmetria (Skewness)	0.015
Appuntimento (Kurtosis)	1.207
Mediana (Φ)	4.741
Moda (Φ)	5.000

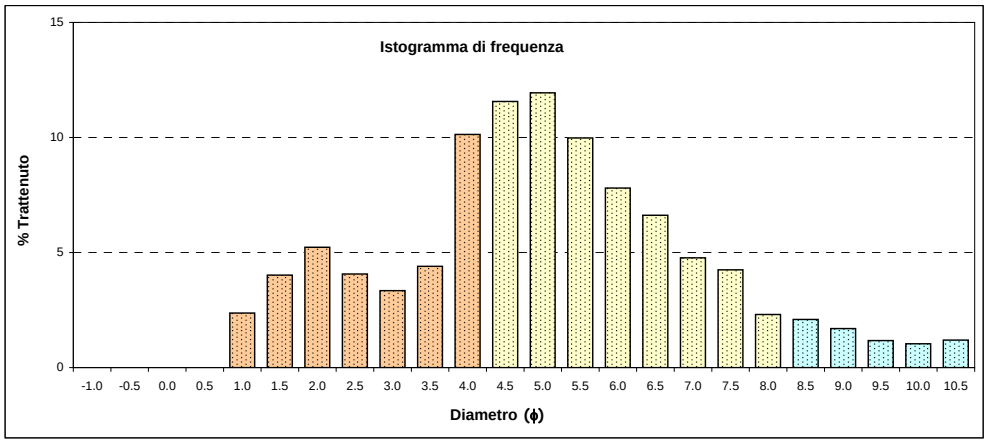
Percentili (Φ)	
5	1.306
16	2.539
25	3.587
50	4.741
75	6.068
84	6.813
95	8.615

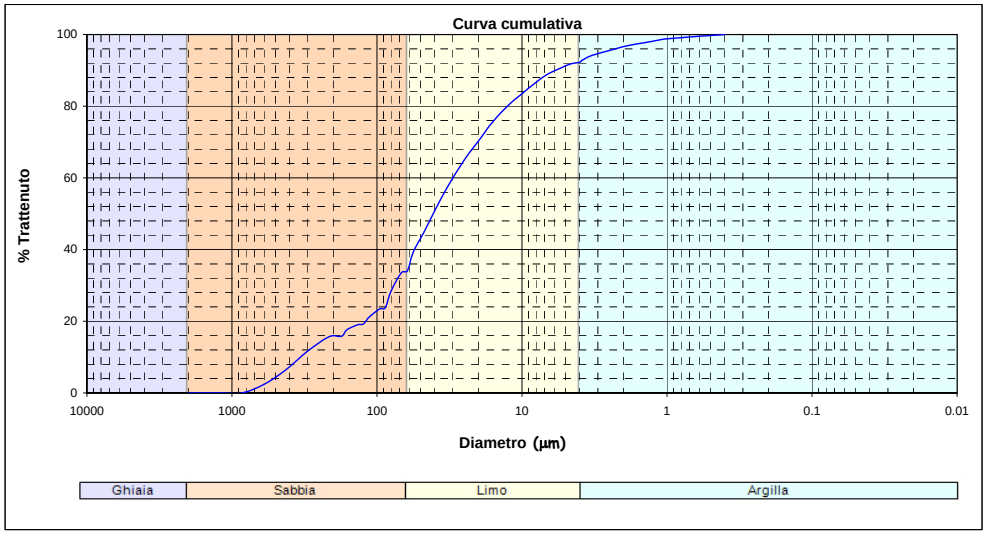
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	2.37%	2.37%
500	1		
500	1	4.02%	6.40%
353.55	1.5		
353.55	1.5	5.23%	11.63%
250	2		
250	2	4.07%	15.70%
176.78	2.5		
176.78	2.5	0.11%	15.81%
175	2.515		
175	2.515	1.81%	17.62%
147	2.766		
147	2.766	1.42%	19.04%
125	3		
125	3	0.19%	19.22%
123	3.023		
123	3.023	1.96%	21.19%
103	3.279		
103	3.279	2.25%	23.44%
88.39	3.5		
88.39	3.5	0.30%	23.74%
87	3.523		
87	3.523	4.63%	28.38%
73	3.776		
73	3.776	5.19%	33.57%
62.5	4		
62.5	4	0.51%	34.08%
61	4.035		
61	4.035	5.32%	39.40%
51	4.293		
51	4.293	5.74%	45.14%
43	4.54		
43	4.54	6.07%	51.21%
36	4.796		
36	4.796	5.87%	57.08%
30	5.059		
30	5.059	5.34%	62.42%
25	5.322		
25	5.322	4.64%	67.06%
21	5.573		
21	5.573	3.75%	70.81%
18	5.796		
18	5.796	4.05%	74.86%
15	6.059		
15	6.059	3.60%	78.47%
12.5	6.322		
12.5	6.322	3.02%	81.49%
10.5	6.573		
10.5	6.573	2.34%	83.83%
9	6.796		
9	6.796	2.43%	86.25%
7.5	7.059		
7.5	7.059	2.52%	88.78%
6	7.381		
6	7.381	1.73%	90.50%
5	7.644		
5	7.644	1.23%	91.73%
4.3	7.861		
4.3	7.861	0.54%	92.27%
4	7.966		
4	7.966	0.54%	92.81%
3.7	8.078		
3.7	8.078	1.12%	93.92%
3.1	8.334		
3.1	8.334	0.97%	94.90%
2.6	8.587		
2.6	8.587	0.82%	95.72%
2.2	8.828		
2.2	8.828	0.87%	96.59%
1.8	9.118		
1.8	9.118	0.69%	97.29%
1.5	9.381		
1.5	9.381	0.48%	97.77%
1.3	9.587		
1.3	9.587	0.51%	98.28%
1.1	9.828		
1.1	9.828	0.53%	98.81%
0.9	10.118		
< 0,900	> 10,118	1.19%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(125-150)
Peso totale (g)	10.0
Frazione > 63 µm (%)	10.8
Frazione < 63 µm (%)	89.2

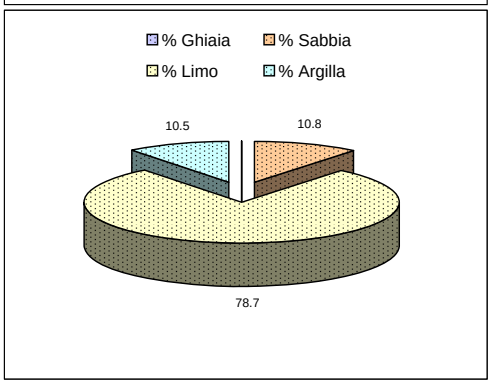
Frazione grossolana (> 63 µm) =	10.8
% Ghiaia	% Sabbia
0.0	10.8

Frazione pelitica (< 63 µm) =	89.2
% Limo	% Argilla
78.7	10.5

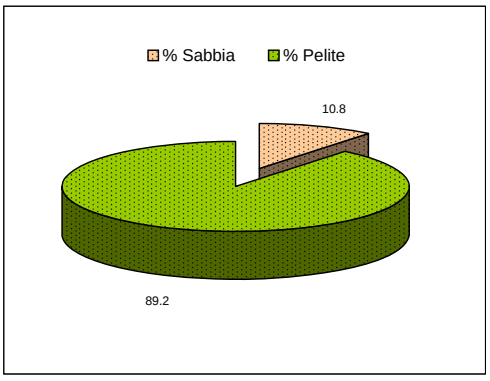
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.587
Deviazione Standard	1.582
Asimmetria (Skewness)	0.349
Appuntimento (Kurtosis)	1.044
Mediana (Φ)	5.294
Moda (Φ)	4.500

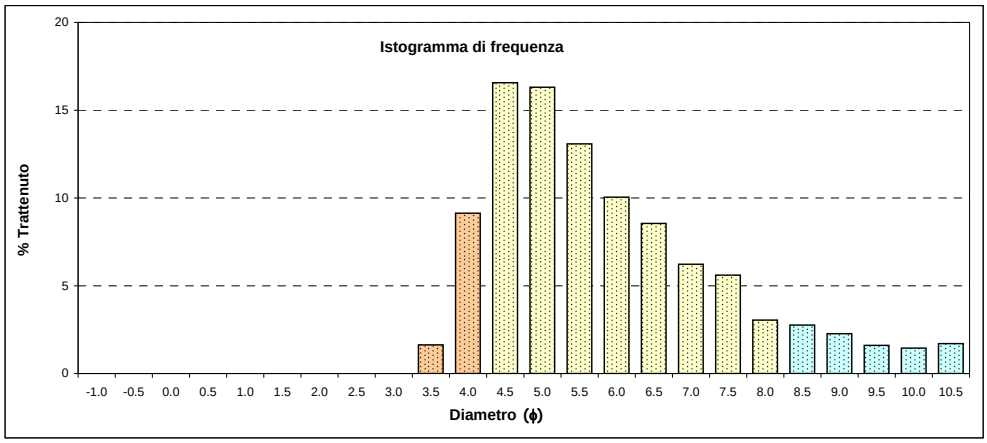
Percentili (Φ)	
5	3.739
16	4.180
25	4.464
50	5.294
75	6.551
84	7.289
95	9.053

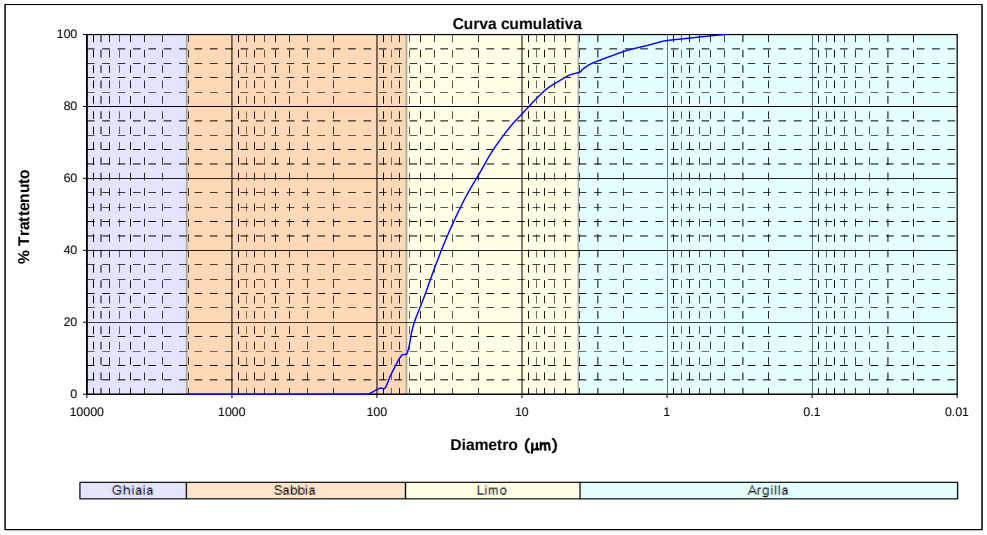
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.20%	0.20%
103	3.279		
103	3.279	1.44%	1.63%
88.39	3.5		
88.39	3.5	0.14%	1.77%
87	3.523		
87	3.523	3.73%	5.50%
73	3.776		
73	3.776	5.27%	10.77%
62.5	4		
62.5	4	0.75%	11.52%
61	4.035		
61	4.035	7.70%	19.22%
51	4.293		
51	4.293	8.11%	27.33%
43	4.54		
43	4.54	8.39%	35.73%
36	4.796		
36	4.796	7.92%	43.65%
30	5.059		
30	5.059	7.06%	50.70%
25	5.322		
25	5.322	6.03%	56.73%
21	5.573		
21	5.573	4.83%	61.56%
18	5.796		
18	5.796	5.21%	66.77%
15	6.059		
15	6.059	4.65%	71.42%
12.5	6.322		
12.5	6.322	3.91%	75.32%
10.5	6.573		
10.5	6.573	3.05%	78.37%
9	6.796		
9	6.796	3.18%	81.55%
7.5	7.059		
7.5	7.059	3.33%	84.88%
6	7.381		
6	7.381	2.28%	87.16%
5	7.644		
5	7.644	1.63%	88.78%
4.3	7.861		
4.3	7.861	0.71%	89.49%
4	7.966		
4	7.966	0.71%	90.21%
3.7	8.078		
3.7	8.078	1.47%	91.68%
3.1	8.334		
3.1	8.334	1.29%	92.97%
2.6	8.587		
2.6	8.587	1.10%	94.07%
2.2	8.828		
2.2	8.828	1.18%	95.24%
1.8	9.118		
1.8	9.118	0.94%	96.19%
1.5	9.381		
1.5	9.381	0.67%	96.85%
1.3	9.587		
1.3	9.587	0.70%	97.55%
1.1	9.828		
1.1	9.828	0.74%	98.30%
0.9	10.118		
< 0,900	> 10,118	1.70%	100.00%

ISPRA
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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM20**
Livello (cm)	**(150-175)**
Peso totale (g)	4.3
Frazione > 63 μm (%)	13.9
Frazione < 63 μm (%)	86.1

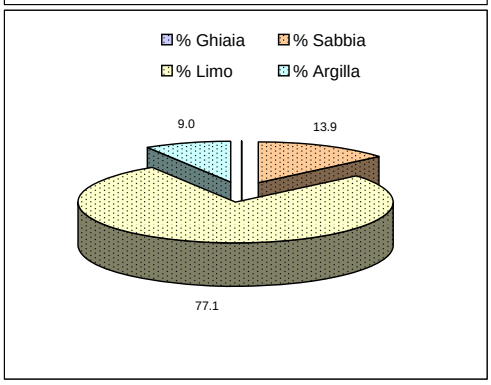
Frazione grossolana (> 63 μm) =	**13.9**
% Ghiaia	**% Sabbia**
0.0	**13.9**

Frazione pelitica (< 63 μm) =	**86.1**
% Limo	**% Argilla**
77.1	**9.0**

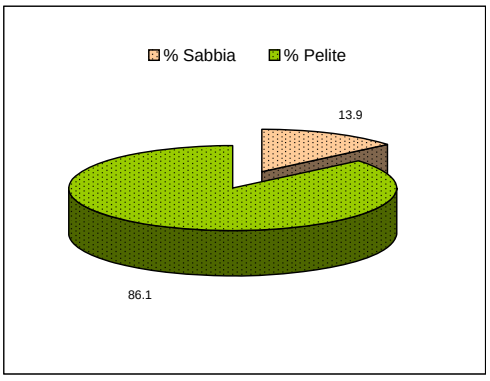
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.518
Deviazione Standard	1.551
Asimmetria (Skewness)	0.272
Appuntimento (Kurtosis)	0.993
Mediana (Φ)	5.297
Moda (Φ)	4.500

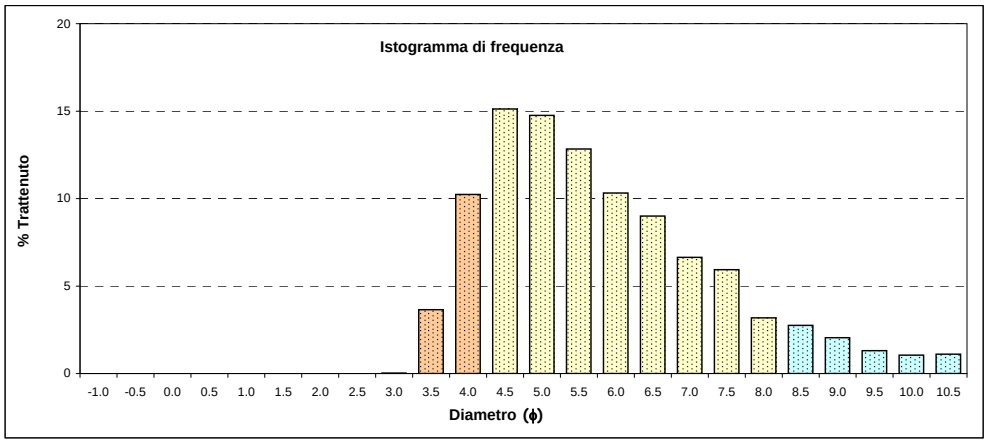
Percentili (Φ)	
5	3.579
16	4.079
25	4.396
50	5.297
75	6.511
84	7.178
95	8.705

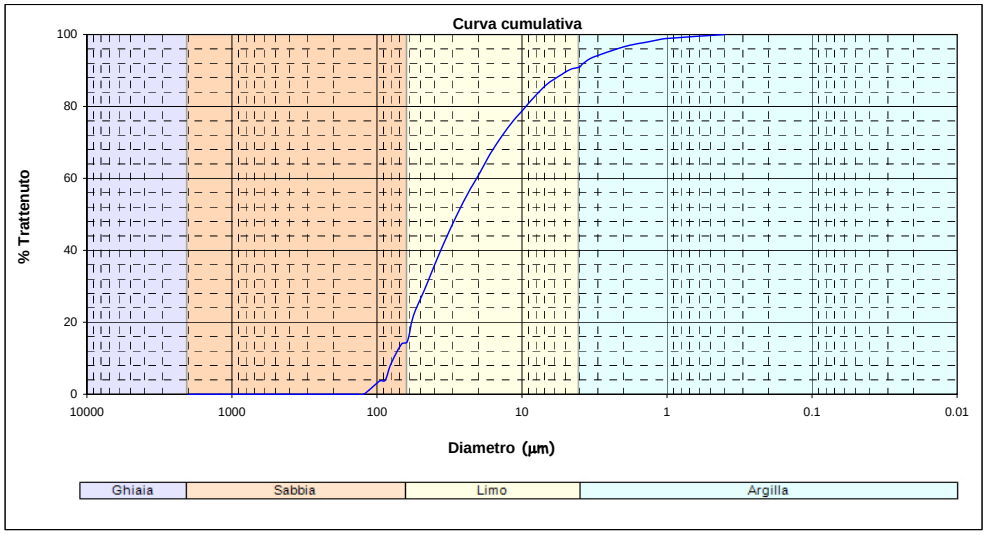
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.02%	0.02%
125	3		
125	3	0.00%	0.02%
123	3.023		
123	3.023	1.17%	1.19%
103	3.279		
103	3.279	2.48%	3.67%
88.39	3.5		
88.39	3.5	0.24%	3.91%
87	3.523		
87	3.523	4.58%	8.49%
73	3.776		
73	3.776	5.42%	13.91%
62.5	4		
62.5	4	0.77%	14.68%
61	4.035		
61	4.035	7.15%	21.83%
51	4.293		
51	4.293	7.20%	29.03%
43	4.54		
43	4.54	7.46%	36.49%
36	4.796		
36	4.796	7.30%	43.79%
30	5.059		
30	5.059	6.81%	50.60%
25	5.322		
25	5.322	6.03%	56.63%
21	5.573		
21	5.573	4.94%	61.57%
18	5.796		
18	5.796	5.39%	66.95%
15	6.059		
15	6.059	4.86%	71.82%
12.5	6.322		
12.5	6.322	4.14%	75.96%
10.5	6.573		
10.5	6.573	3.25%	79.21%
9	6.796		
9	6.796	3.40%	82.60%
7.5	7.059		
7.5	7.059	3.53%	86.13%
6	7.381		
6	7.381	2.41%	88.54%
5	7.644		
5	7.644	1.71%	90.25%
4.3	7.861		
4.3	7.861	0.74%	90.99%
4	7.966		
4	7.966	0.74%	91.73%
3.7	8.078		
3.7	8.078	1.49%	93.22%
3.1	8.334		
3.1	8.334	1.26%	94.48%
2.6	8.587		
2.6	8.587	1.02%	95.50%
2.2	8.828		
2.2	8.828	1.03%	96.53%
1.8	9.118		
1.8	9.118	0.78%	97.31%
1.5	9.381		
1.5	9.381	0.52%	97.84%
1.3	9.587		
1.3	9.587	0.53%	98.36%
1.1	9.828		
1.1	9.828	0.53%	98.89%
0.9	10.118		
< 0,900	> 10,118	1.11%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(175-200)
Peso totale (g)	3.6
Frazione > 63 μm (%)	20.0
Frazione < 63 μm (%)	80.0

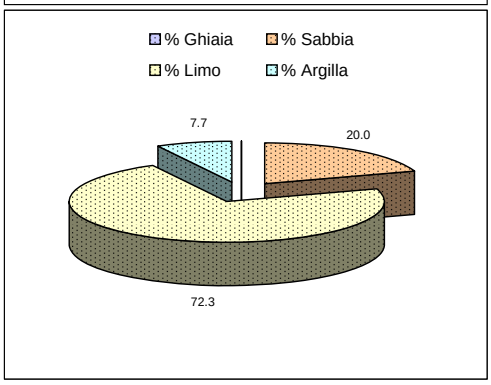
Frazione grossolana (> 63 μm) = 20.0	
% Ghiaia	% Sabbia
0.0	20.0

Frazione pelitica (< 63 μm) = 80.0	
% Limo	% Argilla
72.3	7.7

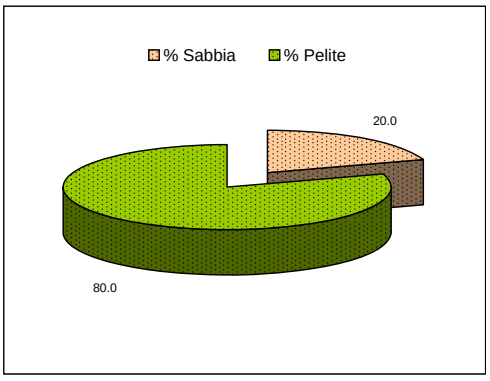
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.275
Deviazione Standard	1.549
Asimmetria (Skewness)	0.291
Appuntimento (Kurtosis)	1.004
Mediana (Φ)	5.038
Moda (Φ)	4.500

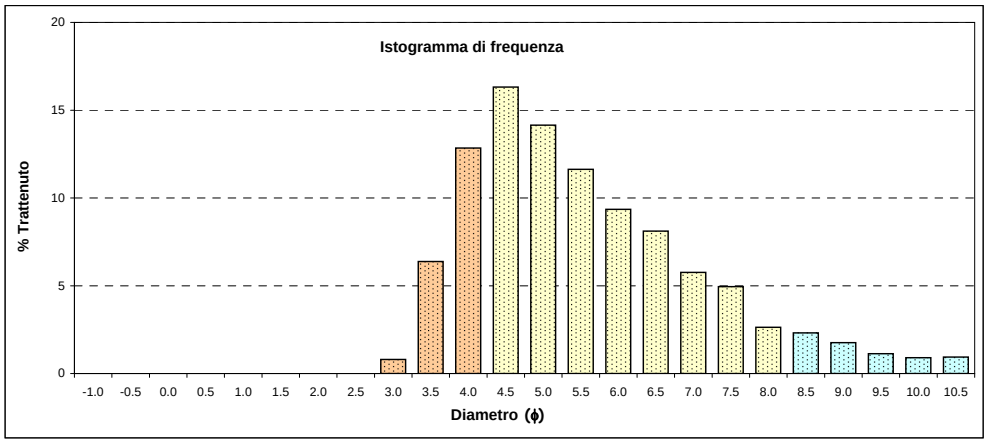
Percentili (Φ)	
5	3.369
16	3.857
25	4.161
50	5.038
75	6.265
84	6.930
95	8.520

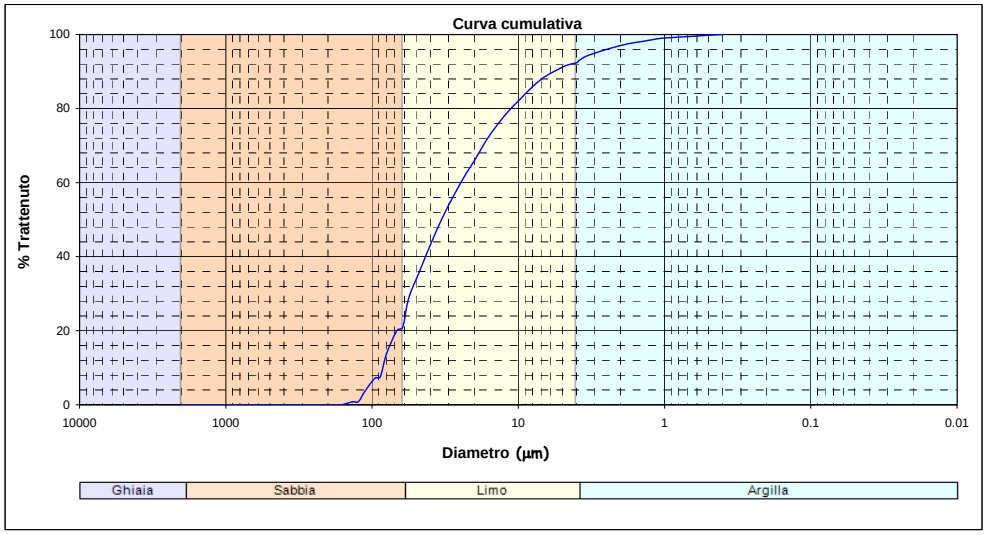
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.80%	0.80%
125	3		
125	3	0.07%	0.88%
123	3.023		
123	3.023	2.52%	3.39%
103	3.279		
103	3.279	3.79%	7.18%
88.39	3.5		
88.39	3.5	0.36%	7.54%
87	3.523		
87	3.523	6.01%	13.56%
73	3.776		
73	3.776	6.47%	20.03%
62.5	4		
62.5	4	0.92%	20.95%
61	4.035		
61	4.035	7.92%	28.87%
51	4.293		
51	4.293	7.48%	36.35%
43	4.54		
43	4.54	7.32%	43.67%
36	4.796		
36	4.796	6.83%	50.50%
30	5.059		
30	5.059	6.19%	56.69%
25	5.322		
25	5.322	5.43%	62.13%
21	5.573		
21	5.573	4.46%	66.59%
18	5.796		
18	5.796	4.90%	71.48%
15	6.059		
15	6.059	4.41%	75.89%
12.5	6.322		
12.5	6.322	3.71%	79.60%
10.5	6.573		
10.5	6.573	2.85%	82.45%
9	6.796		
9	6.796	2.91%	85.36%
7.5	7.059		
7.5	7.059	2.96%	88.32%
6	7.381		
6	7.381	1.99%	90.31%
5	7.644		
5	7.644	1.41%	91.72%
4.3	7.861		
4.3	7.861	0.61%	92.33%
4	7.966		
4	7.966	0.61%	92.95%
3.7	8.078		
3.7	8.078	1.25%	94.20%
3.1	8.334		
3.1	8.334	1.07%	95.27%
2.6	8.587		
2.6	8.587	0.87%	96.14%
2.2	8.828		
2.2	8.828	0.89%	97.03%
1.8	9.118		
1.8	9.118	0.67%	97.70%
1.5	9.381		
1.5	9.381	0.45%	98.16%
1.3	9.587		
1.3	9.587	0.45%	98.61%
1.1	9.828		
1.1	9.828	0.45%	99.06%
0.9	10.118		
< 0,900	> 10,118	0.94%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(200-225)
Peso totale (g)	4.7
Frazione > 63 μm (%)	16.2
Frazione < 63 μm (%)	83.8

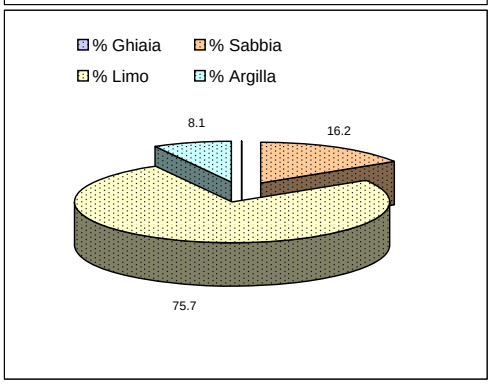
Frazione grossolana (> 63 μm) = 16.2	
% Ghiaia	% Sabbia
0.0	16.2

Frazione pelitica (< 63 μm) = 83.8	
% Limo	% Argilla
75.7	8.1

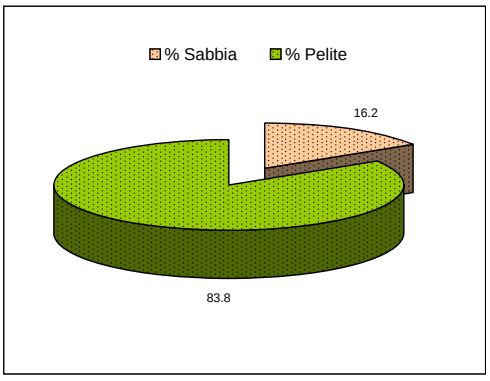
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.452
Deviazione Standard	1.544
Asimmetria (Skewness)	0.219
Appuntimento (Kurtosis)	0.996
Mediana (Φ)	5.292
Moda (Φ)	4.500

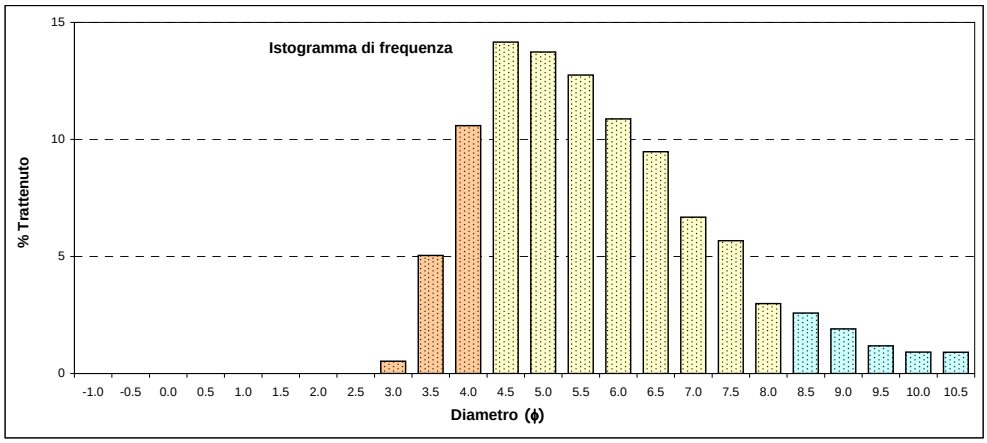
Percentili (Φ)	
5	3.456
16	3.993
25	4.339
50	5.292
75	6.442
84	7.072
95	8.566

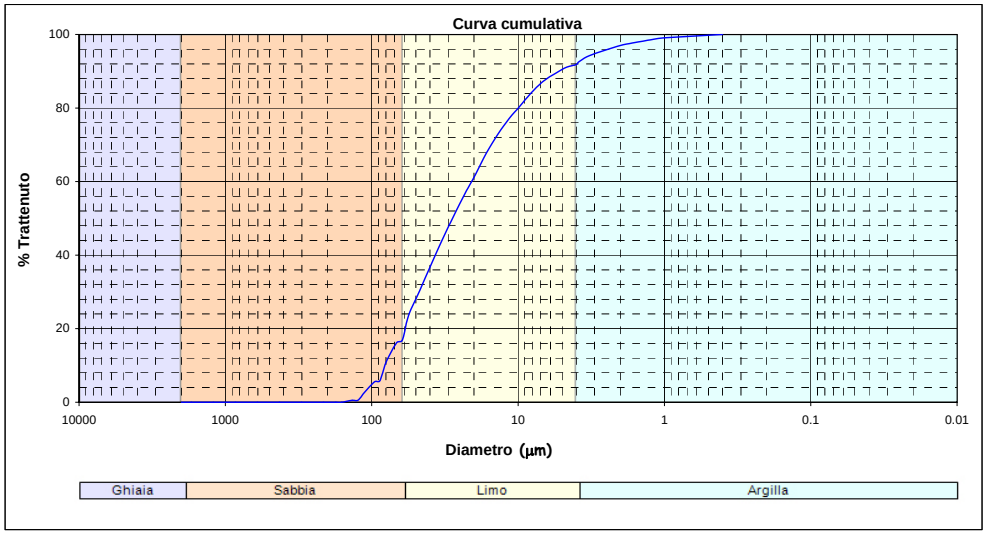
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.53%	0.53%
125	3		
125	3	0.05%	0.58%
123	3.023		
123	3.023	1.94%	2.52%
103	3.279		
103	3.279	3.05%	5.57%
88.39	3.5		
88.39	3.5	0.29%	5.86%
87	3.523		
87	3.523	4.92%	10.79%
73	3.776		
73	3.776	5.38%	16.16%
62.5	4		
62.5	4	0.77%	16.93%
61	4.035		
61	4.035	6.76%	23.69%
51	4.293		
51	4.293	6.64%	30.32%
43	4.54		
43	4.54	6.87%	37.20%
36	4.796		
36	4.796	6.86%	44.06%
30	5.059		
30	5.059	6.64%	50.70%
25	5.322		
25	5.322	6.11%	56.81%
21	5.573		
21	5.573	5.15%	61.97%
18	5.796		
18	5.796	5.72%	67.69%
15	6.059		
15	6.059	5.16%	72.85%
12.5	6.322		
12.5	6.322	4.32%	77.17%
10.5	6.573		
10.5	6.573	3.31%	80.48%
9	6.796		
9	6.796	3.36%	83.85%
7.5	7.059		
7.5	7.059	3.40%	87.25%
6	7.381		
6	7.381	2.28%	89.52%
5	7.644		
5	7.644	1.60%	91.12%
4.3	7.861		
4.3	7.861	0.69%	91.82%
4	7.966		
4	7.966	0.69%	92.51%
3.7	8.078		
3.7	8.078	1.40%	93.91%
3.1	8.334		
3.1	8.334	1.18%	95.09%
2.6	8.587		
2.6	8.587	0.95%	96.04%
2.2	8.828		
2.2	8.828	0.95%	97.00%
1.8	9.118		
1.8	9.118	0.71%	97.71%
1.5	9.381		
1.5	9.381	0.47%	98.18%
1.3	9.587		
1.3	9.587	0.46%	98.64%
1.1	9.828		
1.1	9.828	0.45%	99.09%
0.9	10.118		
< 0,900	> 10,118	0.91%	100.00%

ISPRA
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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM20**
Livello (cm)	**(225-250)**
Peso totale (g)	3.3
Frazione > 63 μm (%)	16.6
Frazione < 63 μm (%)	83.4

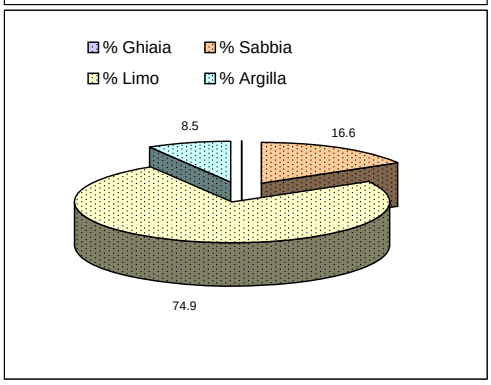
Frazione grossolana (> 63 μm) =	**16.6**
% Ghiaia	**% Sabbia**
0.0	**16.6**

Frazione pelitica (< 63 μm) =	**83.4**
% Limo	**% Argilla**
74.9	**8.5**

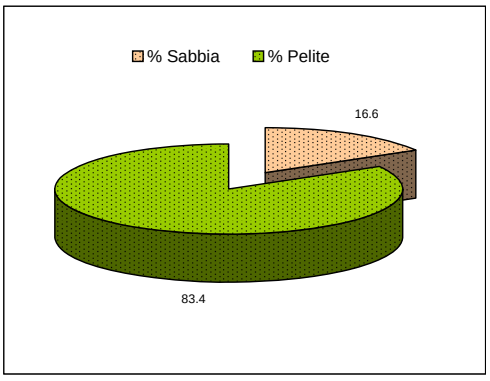
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.468
Deviazione Standard	1.574
Asimmetria (Skewness)	0.202
Appuntimento (Kurtosis)	1.006
Mediana (Φ)	5.327
Moda (Φ)	4.500

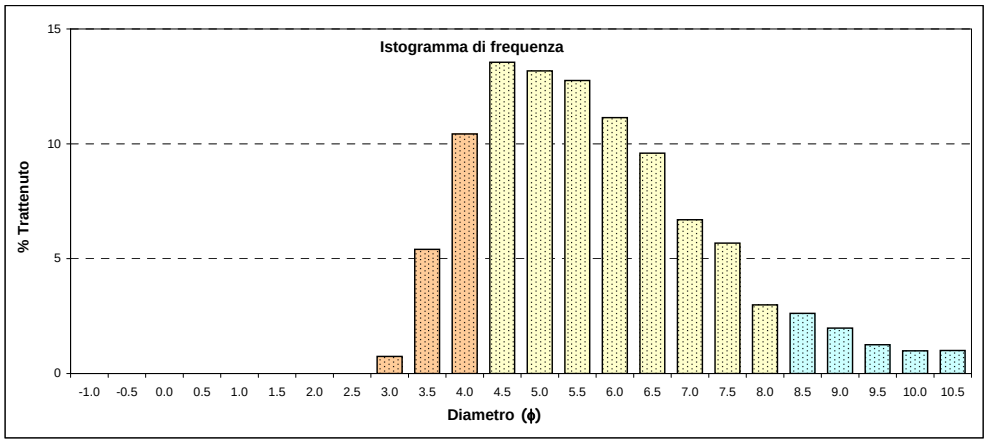
Percentili (Φ)	
5	3.416
16	3.973
25	4.336
50	5.327
75	6.465
84	7.103
95	8.639

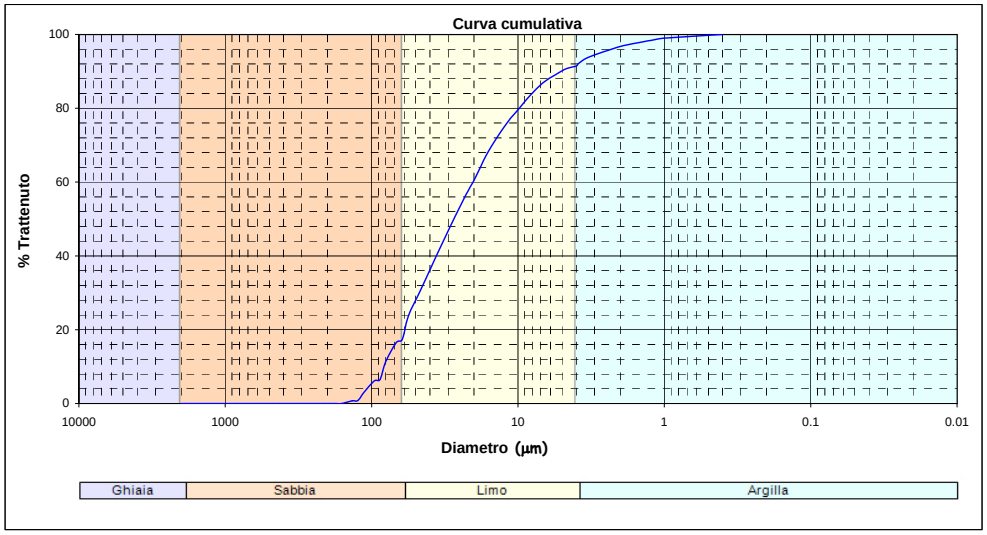
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.75%	0.75%
125	3		
125	3	0.07%	0.81%
123	3.023		
123	3.023	2.18%	2.99%
103	3.279		
103	3.279	3.16%	6.15%
88.39	3.5		
88.39	3.5	0.30%	6.45%
87	3.523		
87	3.523	4.90%	11.35%
73	3.776		
73	3.776	5.24%	16.58%
62.5	4		
62.5	4	0.75%	17.33%
61	4.035		
61	4.035	6.49%	23.81%
51	4.293		
51	4.293	6.32%	30.13%
43	4.54		
43	4.54	6.54%	36.68%
36	4.796		
36	4.796	6.63%	43.31%
30	5.059		
30	5.059	6.57%	49.87%
25	5.322		
25	5.322	6.19%	56.06%
21	5.573		
21	5.573	5.28%	61.34%
18	5.796		
18	5.796	5.86%	67.20%
15	6.059		
15	6.059	5.24%	72.44%
12.5	6.322		
12.5	6.322	4.35%	76.79%
10.5	6.573		
10.5	6.573	3.32%	80.12%
9	6.796		
9	6.796	3.37%	83.48%
7.5	7.059		
7.5	7.059	3.40%	86.88%
6	7.381		
6	7.381	2.28%	89.16%
5	7.644		
5	7.644	1.60%	90.76%
4.3	7.861		
4.3	7.861	0.69%	91.46%
4	7.966		
4	7.966	0.69%	92.15%
3.7	8.078		
3.7	8.078	1.42%	93.57%
3.1	8.334		
3.1	8.334	1.21%	94.77%
2.6	8.587		
2.6	8.587	0.98%	95.76%
2.2	8.828		
2.2	8.828	1.00%	96.75%
1.8	9.118		
1.8	9.118	0.75%	97.50%
1.5	9.381		
1.5	9.381	0.50%	98.01%
1.3	9.587		
1.3	9.587	0.50%	98.50%
1.1	9.828		
1.1	9.828	0.49%	98.99%
0.9	10.118		
< 0,900	> 10,118	1.01%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM20
Livello (cm)	(250-275)
Peso totale (g)	3.1
Frazione > 63 μm (%)	27.4
Frazione < 63 μm (%)	72.6

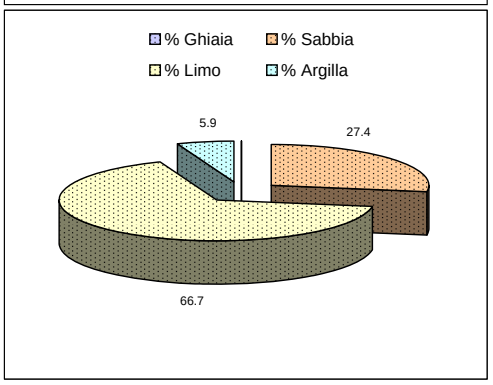
Frazione grossolana (> 63 μm) = 27.4	
% Ghiaia	% Sabbia
0.0	27.4

Frazione pelitica (< 63 μm) = 72.6	
% Limo	% Argilla
66.7	5.9

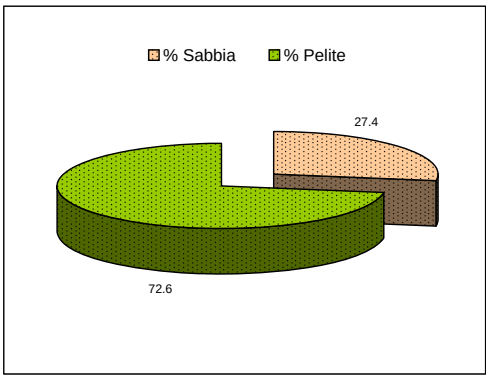
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.008
Deviazione Standard	1.512
Asimmetria (Skewness)	0.278
Appuntimento (Kurtosis)	0.994
Mediana (Φ)	4.794
Moda (Φ)	4.500

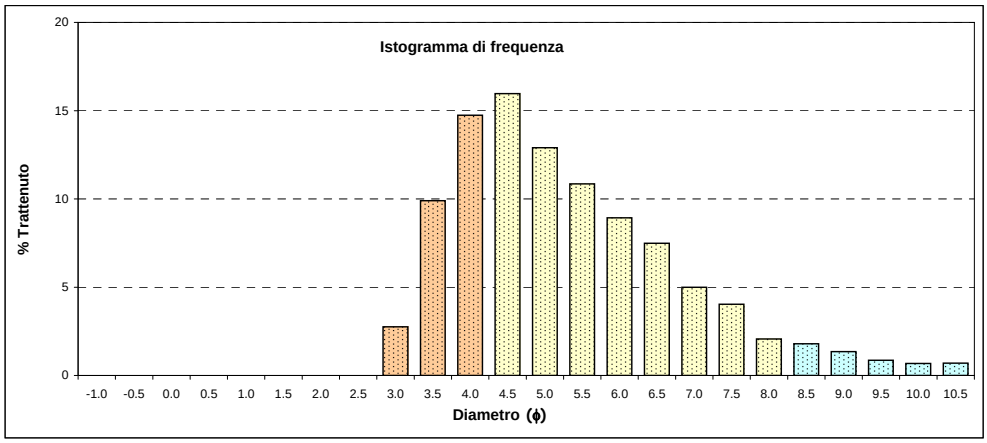
Percentili (Φ)	
5	3.136
16	3.617
25	3.919
50	4.794
75	5.996
84	6.613
95	8.173

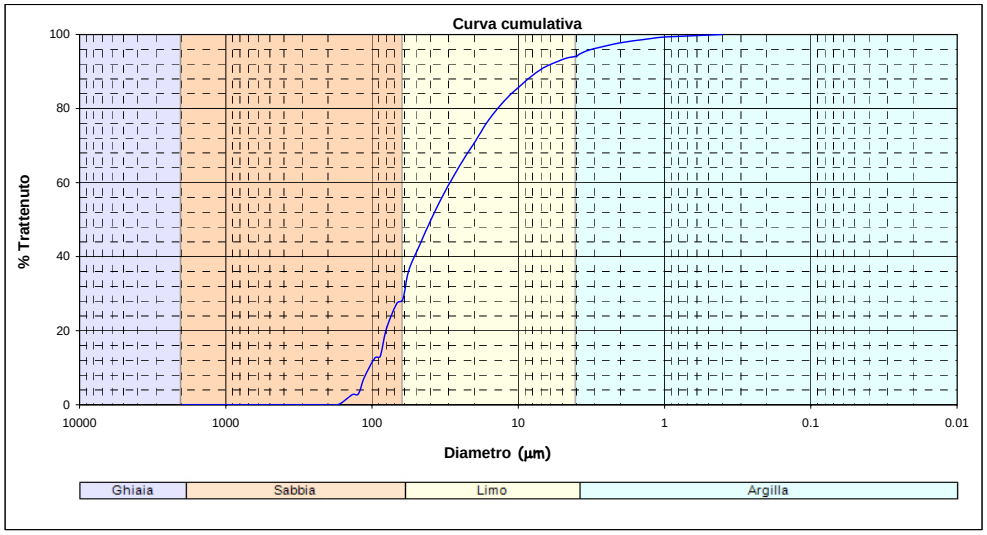
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.57%	0.57%
147	2.766		
147	2.766	2.19%	2.76%
125	3		
125	3	0.20%	2.96%
123	3.023		
123	3.023	4.41%	7.37%
103	3.279		
103	3.279	5.28%	12.65%
88.39	3.5		
88.39	3.5	0.50%	13.16%
87	3.523		
87	3.523	7.24%	20.39%
73	3.776		
73	3.776	7.00%	27.39%
62.5	4		
62.5	4	1.00%	28.39%
61	4.035		
61	4.035	7.91%	36.30%
51	4.293		
51	4.293	7.06%	43.36%
43	4.54		
43	4.54	6.69%	50.05%
36	4.796		
36	4.796	6.21%	56.26%
30	5.059		
30	5.059	5.72%	61.98%
25	5.322		
25	5.322	5.13%	67.11%
21	5.573		
21	5.573	4.27%	71.37%
18	5.796		
18	5.796	4.67%	76.04%
15	6.059		
15	6.059	4.12%	80.16%
12.5	6.322		
12.5	6.322	3.37%	83.53%
10.5	6.573		
10.5	6.573	2.52%	86.04%
9	6.796		
9	6.796	2.48%	88.52%
7.5	7.059		
7.5	7.059	2.43%	90.96%
6	7.381		
6	7.381	1.60%	92.55%
5	7.644		
5	7.644	1.11%	93.66%
4.3	7.861		
4.3	7.861	0.48%	94.14%
4	7.966		
4	7.966	0.48%	94.62%
3.7	8.078		
3.7	8.078	0.97%	95.59%
3.1	8.334		
3.1	8.334	0.82%	96.41%
2.6	8.587		
2.6	8.587	0.67%	97.09%
2.2	8.828		
2.2	8.828	0.68%	97.77%
1.8	9.118		
1.8	9.118	0.51%	98.28%
1.5	9.381		
1.5	9.381	0.34%	98.63%
1.3	9.587		
1.3	9.587	0.34%	98.97%
1.1	9.828		
1.1	9.828	0.34%	99.30%
0.9	10.118		
< 0,900	> 10,118	0.70%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM21
Livello (cm)	(0-25)
Peso totale (g)	31.5
Frazione > 63 μm (%)	36.0
Frazione < 63 μm (%)	64.0

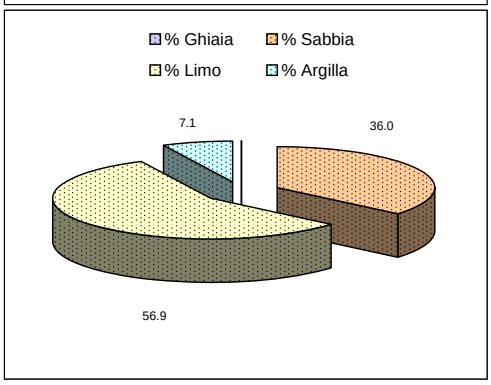
Frazione grossolana (> 63 μm) = 36.0	
% Ghiaia	% Sabbia
0.0	36.0

Frazione pelitica (< 63 μm) = 64.0	
% Limo	% Argilla
56.9	7.1

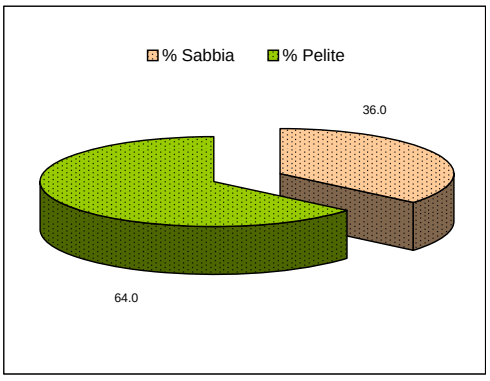
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.711
Deviazione Standard	2.120
Asimmetria (Skewness)	-0.091
Appuntimento (Kurtosis)	0.920
Mediana (Φ)	5.005
Moda (Φ)	5.500

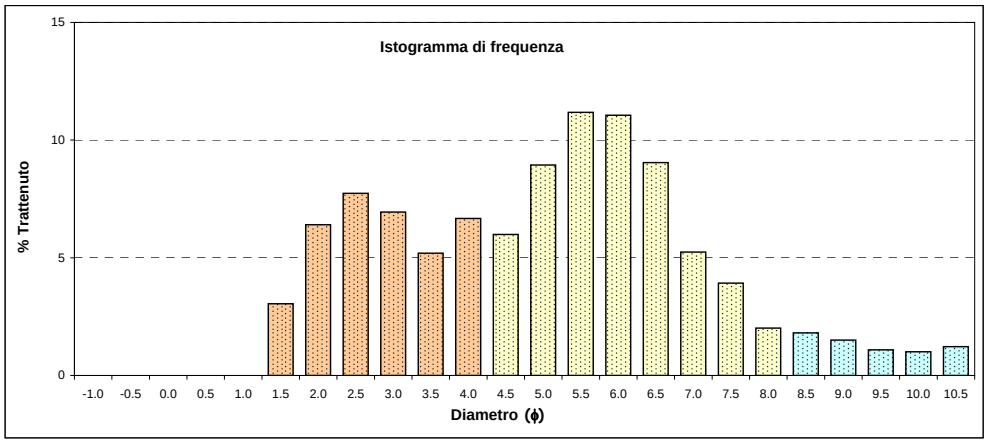
Percentili (Φ)	
5	1.635
16	2.411
25	3.077
50	5.005
75	6.148
84	6.716
95	8.528

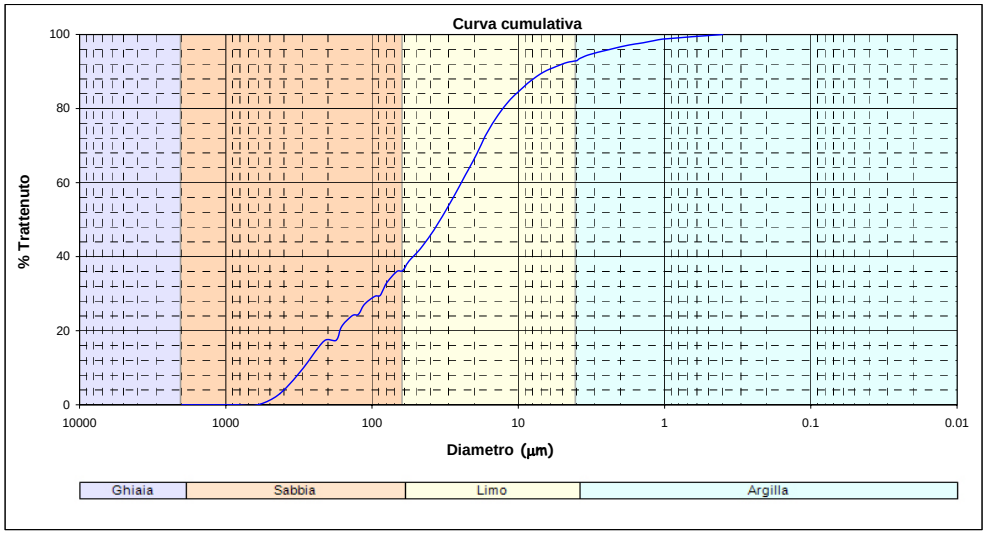
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.04%	3.04%
353.55	1.5		
353.55	1.5	6.40%	9.45%
250	2		
250	2	7.73%	17.18%
176.78	2.5		
176.78	2.5	0.24%	17.42%
175	2.515		
175	2.515	3.75%	21.18%
147	2.766		
147	2.766	2.95%	24.13%
125	3		
125	3	0.27%	24.40%
123	3.023		
123	3.023	2.70%	27.10%
103	3.279		
103	3.279	2.22%	29.32%
88.39	3.5		
88.39	3.5	0.25%	29.57%
87	3.523		
87	3.523	3.19%	32.77%
73	3.776		
73	3.776	3.23%	35.99%
62.5	4		
62.5	4	0.21%	36.21%
61	4.035		
61	4.035	2.57%	38.77%
51	4.293		
51	4.293	3.21%	41.99%
43	4.54		
43	4.54	4.08%	46.06%
36	4.796		
36	4.796	4.86%	50.93%
30	5.059		
30	5.059	5.49%	56.41%
25	5.322		
25	5.322	5.70%	62.11%
21	5.573		
21	5.573	5.17%	67.28%
18	5.796		
18	5.796	5.88%	73.16%
15	6.059		
15	6.059	5.11%	78.27%
12.5	6.322		
12.5	6.322	3.94%	82.20%
10.5	6.573		
10.5	6.573	2.73%	84.93%
9	6.796		
9	6.796	2.51%	87.44%
7.5	7.059		
7.5	7.059	2.38%	89.82%
6	7.381		
6	7.381	1.55%	91.37%
5	7.644		
5	7.644	1.08%	92.44%
4.3	7.861		
4.3	7.861	0.47%	92.91%
4	7.966		
4	7.966	0.47%	93.38%
3.7	8.078		
3.7	8.078	0.96%	94.34%
3.1	8.334		
3.1	8.334	0.84%	95.19%
2.6	8.587		
2.6	8.587	0.72%	95.91%
2.2	8.828		
2.2	8.828	0.78%	96.69%
1.8	9.118		
1.8	9.118	0.63%	97.32%
1.5	9.381		
1.5	9.381	0.45%	97.77%
1.3	9.587		
1.3	9.587	0.48%	98.26%
1.1	9.828		
1.1	9.828	0.52%	98.78%
0.9	10.118		
< 0,900	> 10,118	1.22%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM21**
Livello (cm)	**(25-50)**
Peso totale (g)	58.3
Frazione > 63 µm (%)	56.1
Frazione < 63 µm (%)	43.9

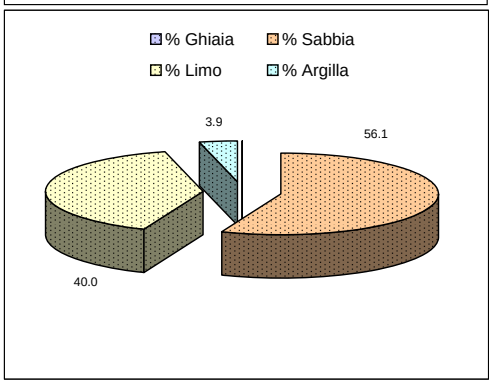
Frazione grossolana (> 63 µm) = 56.1	
% Ghiaia	**% Sabbia**
0.0	**56.1**

Frazione pelitica (< 63 µm) = 43.9	
% Limo	**% Argilla**
40.0	**3.9**

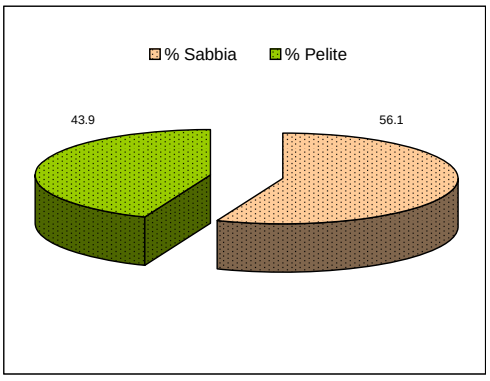
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.752
Deviazione Standard	2.037
Asimmetria (Skewness)	0.192
Appuntimento (Kurtosis)	0.809
Mediana (Φ)	3.557
Moda (Φ)	2.000

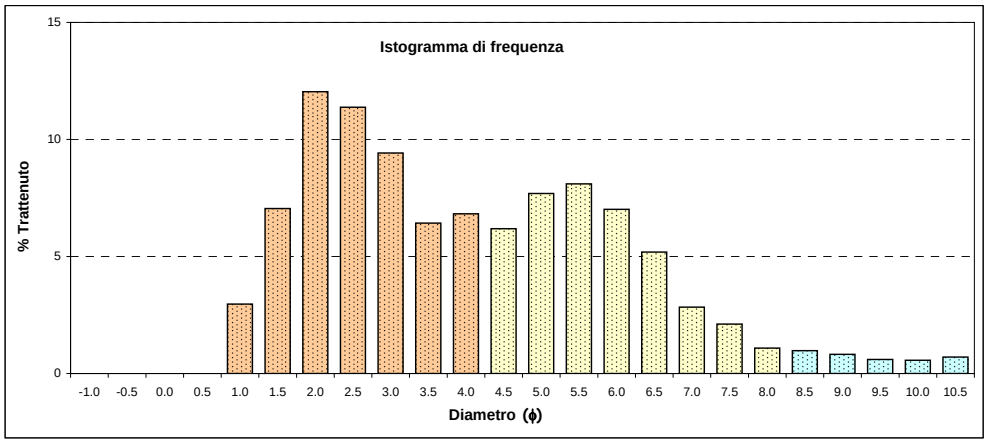
Percentili (Φ)	
5	1.127
16	1.727
25	2.114
50	3.557
75	5.374
84	5.974
95	7.565

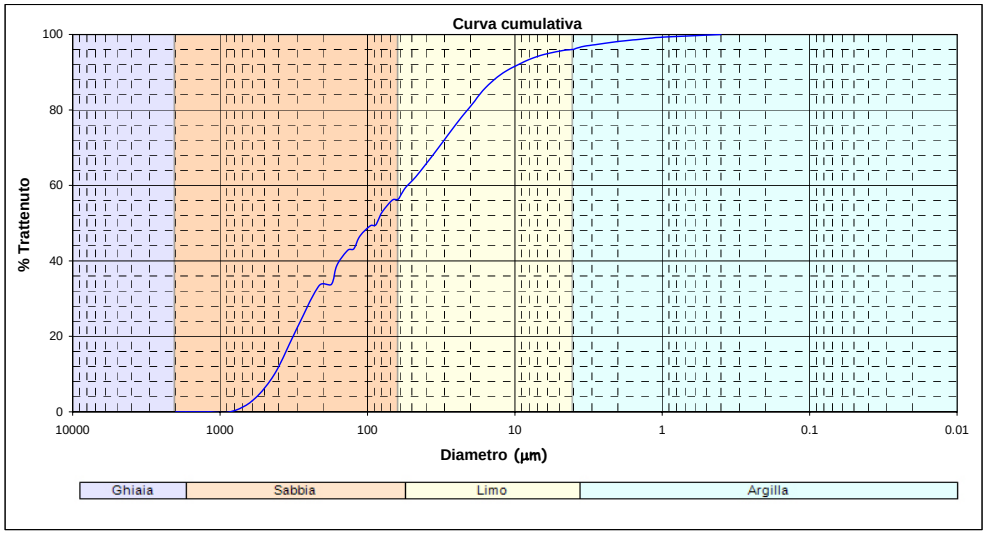
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	2.97%	2.97%
500	1		
500	1	7.05%	10.02%
353.55	1.5		
353.55	1.5	12.04%	22.06%
250	2		
250	2	11.37%	33.44%
176.78	2.5		
176.78	2.5	0.32%	33.76%
175	2.515		
175	2.515	5.09%	38.85%
147	2.766		
147	2.766	4.00%	42.85%
125	3		
125	3	0.32%	43.17%
123	3.023		
123	3.023	3.31%	46.49%
103	3.279		
103	3.279	2.80%	49.28%
88.39	3.5		
88.39	3.5	0.25%	49.53%
87	3.523		
87	3.523	3.26%	52.79%
73	3.776		
73	3.776	3.32%	56.11%
62.5	4		
62.5	4	0.25%	56.36%
61	4.035		
61	4.035	2.76%	59.12%
51	4.293		
51	4.293	3.18%	62.29%
43	4.54		
43	4.54	3.68%	65.98%
36	4.796		
36	4.796	4.00%	69.98%
30	5.059		
30	5.059	4.13%	74.11%
25	5.322		
25	5.322	3.97%	78.08%
21	5.573		
21	5.573	3.39%	81.47%
18	5.796		
18	5.796	3.63%	85.10%
15	6.059		
15	6.059	2.99%	88.09%
12.5	6.322		
12.5	6.322	2.20%	90.29%
10.5	6.573		
10.5	6.573	1.48%	91.77%
9	6.796		
9	6.796	1.35%	93.12%
7.5	7.059		
7.5	7.059	1.28%	94.40%
6	7.381		
6	7.381	0.84%	95.24%
5	7.644		
5	7.644	0.58%	95.82%
4.3	7.861		
4.3	7.861	0.25%	96.07%
4	7.966		
4	7.966	0.25%	96.33%
3.7	8.078		
3.7	8.078	0.52%	96.85%
3.1	8.334		
3.1	8.334	0.46%	97.31%
2.6	8.587		
2.6	8.587	0.39%	97.70%
2.2	8.828		
2.2	8.828	0.43%	98.13%
1.8	9.118		
1.8	9.118	0.35%	98.48%
1.5	9.381		
1.5	9.381	0.25%	98.73%
1.3	9.587		
1.3	9.587	0.27%	99.00%
1.1	9.828		
1.1	9.828	0.30%	99.30%
0.9	10.118		
< 0,900	> 10,118	0.70%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM21
Livello (cm)	(50-75)
Peso totale (g)	57.7
Frazione > 63 μm (%)	57.9
Frazione < 63 μm (%)	42.1

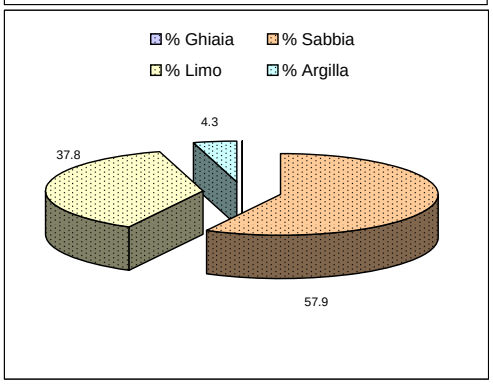
Frazione grossolana (> 63 μm) = 57.9	
% Ghiaia	% Sabbia
0.0	57.9

Frazione pelitica (< 63 μm) = 42.1	
% Limo	% Argilla
37.8	4.3

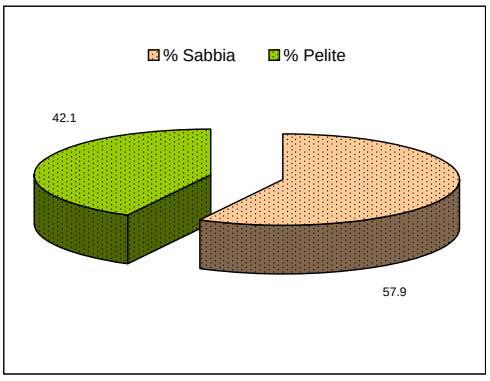
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.990
Deviazione Standard	1.814
Asimmetria (Skewness)	0.198
Appuntimento (Kurtosis)	1.286
Mediana (Φ)	3.826
Moda (Φ)	4.000

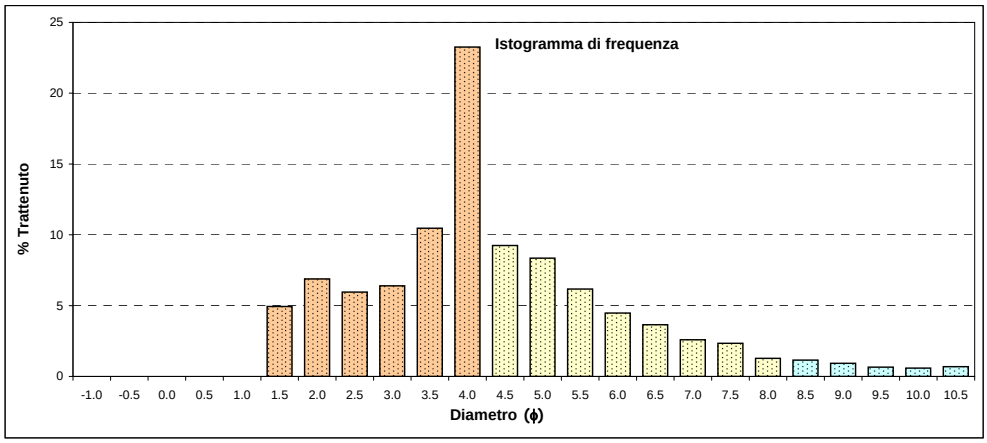
Percentili (Φ)	
5	1.504
16	2.332
25	3.038
50	3.826
75	5.023
84	5.813
95	7.732

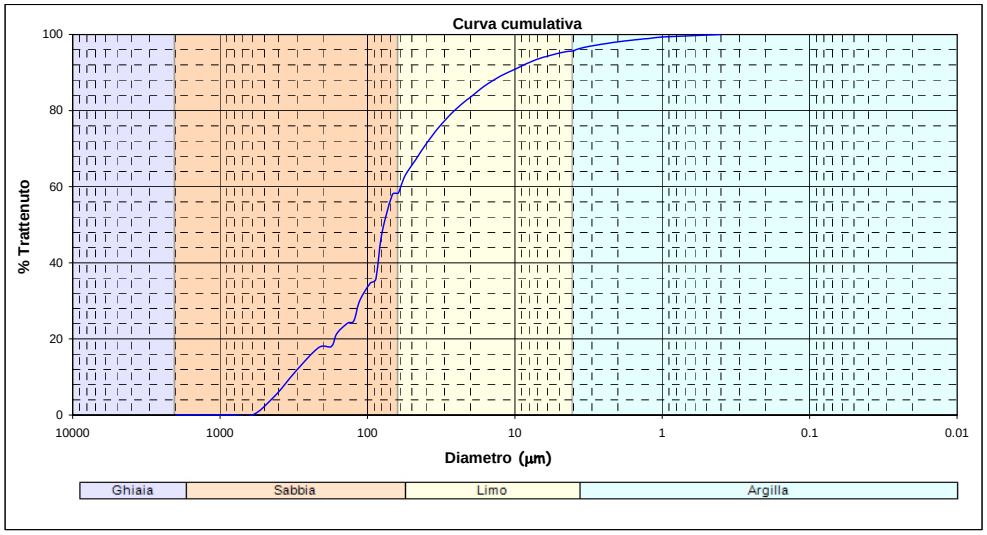
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	4.94%	4.94%
353.55	1.5		
353.55	1.5	6.88%	11.82%
250	2		
250	2	5.96%	17.78%
176.78	2.5		
176.78	2.5	0.22%	18.00%
175	2.515		
175	2.515	3.46%	21.46%
147	2.766		
147	2.766	2.72%	24.17%
125	3		
125	3	0.51%	24.68%
123	3.023		
123	3.023	5.33%	30.01%
103	3.279		
103	3.279	4.63%	34.64%
88.39	3.5		
88.39	3.5	1.05%	35.69%
87	3.523		
87	3.523	11.89%	47.58%
73	3.776		
73	3.776	10.32%	57.90%
62.5	4		
62.5	4	0.44%	58.33%
61	4.035		
61	4.035	4.37%	62.71%
51	4.293		
51	4.293	4.43%	67.14%
43	4.54		
43	4.54	4.39%	71.53%
36	4.796		
36	4.796	3.96%	75.50%
30	5.059		
30	5.059	3.38%	78.88%
25	5.322		
25	5.322	2.79%	81.66%
21	5.573		
21	5.573	2.18%	83.84%
18	5.796		
18	5.796	2.29%	86.14%
15	6.059		
15	6.059	2.00%	88.14%
12.5	6.322		
12.5	6.322	1.65%	89.78%
10.5	6.573		
10.5	6.573	1.27%	91.05%
9	6.796		
9	6.796	1.32%	92.37%
7.5	7.059		
7.5	7.059	1.38%	93.75%
6	7.381		
6	7.381	0.96%	94.71%
5	7.644		
5	7.644	0.68%	95.39%
4.3	7.861		
4.3	7.861	0.30%	95.69%
4	7.966		
4	7.966	0.30%	95.99%
3.7	8.078		
3.7	8.078	0.62%	96.61%
3.1	8.334		
3.1	8.334	0.54%	97.14%
2.6	8.587		
2.6	8.587	0.45%	97.59%
2.2	8.828		
2.2	8.828	0.48%	98.07%
1.8	9.118		
1.8	9.118	0.38%	98.46%
1.5	9.381		
1.5	9.381	0.27%	98.72%
1.3	9.587		
1.3	9.587	0.28%	99.01%
1.1	9.828		
1.1	9.828	0.30%	99.31%
0.9	10.118		
< 0,900	> 10,118	0.69%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM21
Livello (cm)	(75-100)
Peso totale (g)	25.1
Frazione > 63 μm (%)	17.5
Frazione < 63 μm (%)	82.5

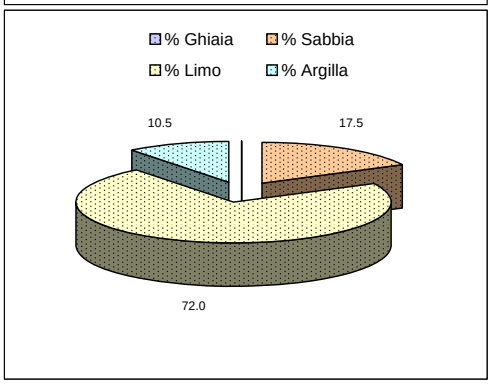
Frazione grossolana (> 63 μm) = 17.5	
% Ghiaia	% Sabbia
0.0	17.5

Frazione pelitica (< 63 μm) = 82.5	
% Limo	% Argilla
72.0	10.5

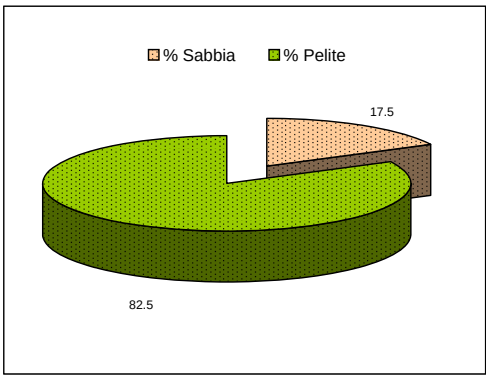
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.467
Deviazione Standard	1.702
Asimmetria (Skewness)	0.305
Appuntimento (Kurtosis)	1.055
Mediana (Φ)	5.176
Moda (Φ)	5.000

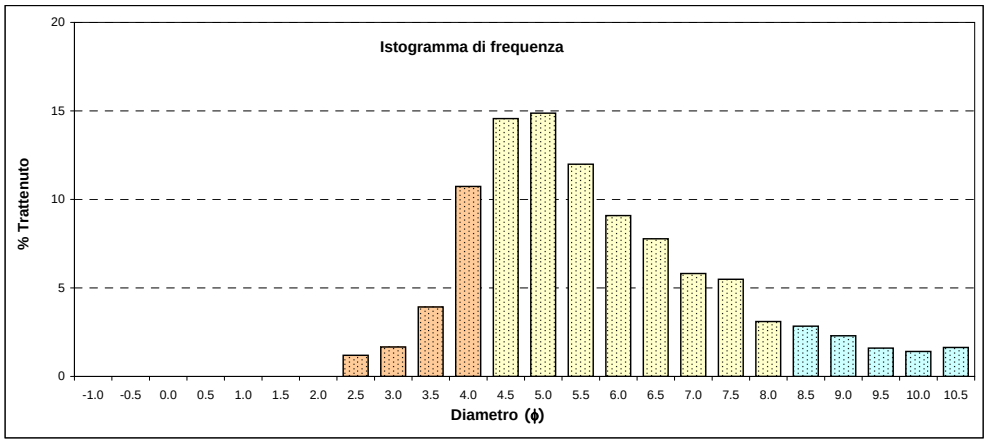
Percentili (Φ)	
5	3.320
16	3.936
25	4.297
50	5.176
75	6.512
84	7.288
95	9.023

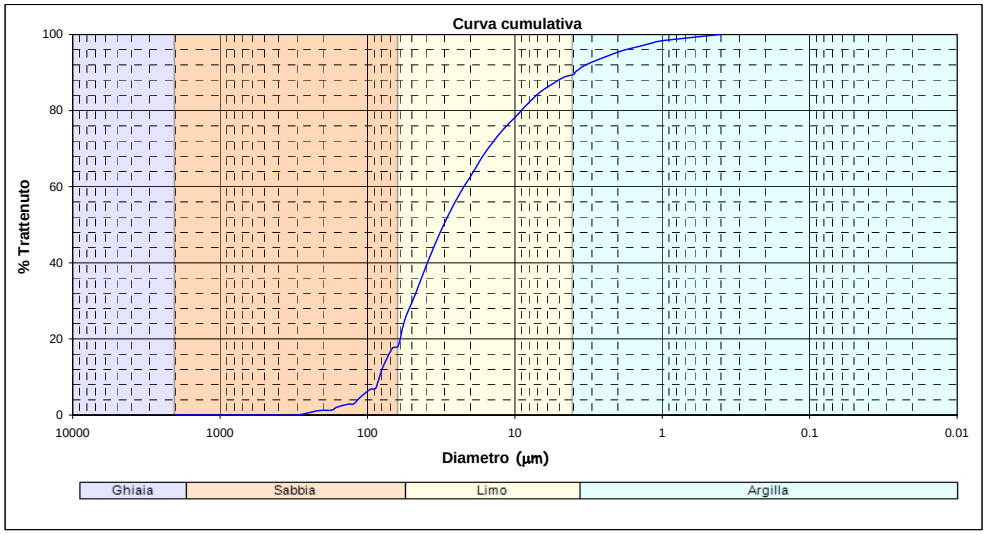
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.19%	1.19%
176.78	2.5		
176.78	2.5	0.05%	1.24%
175	2.515		
175	2.515	0.82%	2.06%
147	2.766		
147	2.766	0.80%	2.86%
125	3		
125	3	0.09%	2.95%
123	3.023		
123	3.023	1.61%	4.56%
103	3.279		
103	3.279	2.23%	6.79%
88.39	3.5		
88.39	3.5	0.30%	7.08%
87	3.523		
87	3.523	4.80%	11.88%
73	3.776		
73	3.776	5.64%	17.52%
62.5	4		
62.5	4	0.65%	18.17%
61	4.035		
61	4.035	6.72%	24.89%
51	4.293		
51	4.293	7.20%	32.09%
43	4.54		
43	4.54	7.60%	39.69%
36	4.796		
36	4.796	7.28%	46.96%
30	5.059		
30	5.059	6.49%	53.45%
25	5.322		
25	5.322	5.50%	58.95%
21	5.573		
21	5.573	4.38%	63.33%
18	5.796		
18	5.796	4.71%	68.04%
15	6.059		
15	6.059	4.21%	72.26%
12.5	6.322		
12.5	6.322	3.57%	75.82%
10.5	6.573		
10.5	6.573	2.81%	78.64%
9	6.796		
9	6.796	3.00%	81.63%
7.5	7.059		
7.5	7.059	3.22%	84.86%
6	7.381		
6	7.381	2.27%	87.13%
5	7.644		
5	7.644	1.65%	88.77%
4.3	7.861		
4.3	7.861	0.73%	89.50%
4	7.966		
4	7.966	0.73%	90.23%
3.7	8.078		
3.7	8.078	1.51%	91.74%
3.1	8.334		
3.1	8.334	1.32%	93.06%
2.6	8.587		
2.6	8.587	1.12%	94.18%
2.2	8.828		
2.2	8.828	1.18%	95.36%
1.8	9.118		
1.8	9.118	0.94%	96.30%
1.5	9.381		
1.5	9.381	0.66%	96.96%
1.3	9.587		
1.3	9.587	0.69%	97.65%
1.1	9.828		
1.1	9.828	0.72%	98.37%
0.9	10.118		
< 0,900	> 10,118	1.63%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM22
Livello (cm)	(0-25)
Peso totale (g)	30.1
Frazione > 63 μm (%)	60.8
Frazione < 63 μm (%)	39.2

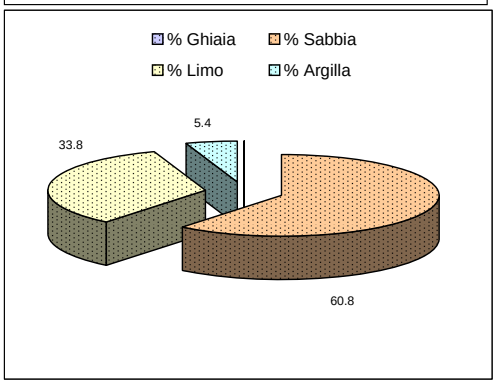
Frazione grossolana (> 63 μm) = 60.8	
% Ghiaia	% Sabbia
0.0	60.8

Frazione pelitica (< 63 μm) = 39.2	
% Limo	% Argilla
33.8	5.4

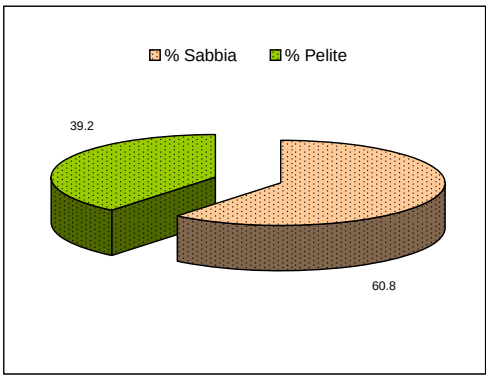
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.901
Deviazione Standard	2.004
Asimmetria (Skewness)	0.264
Appuntimento (Kurtosis)	1.053
Mediana (Φ)	3.643
Moda (Φ)	4.000

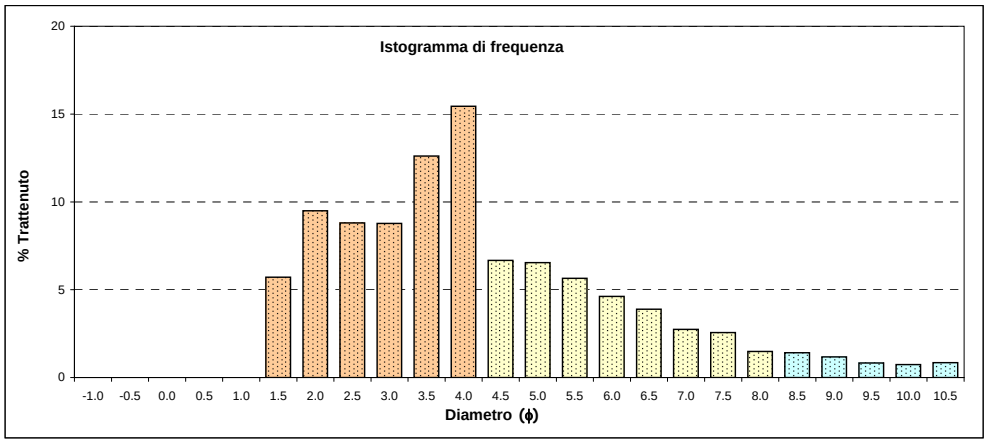
Percentili (Φ)	
5	1.428
16	2.039
25	2.549
50	3.643
75	5.138
84	6.022
95	8.079

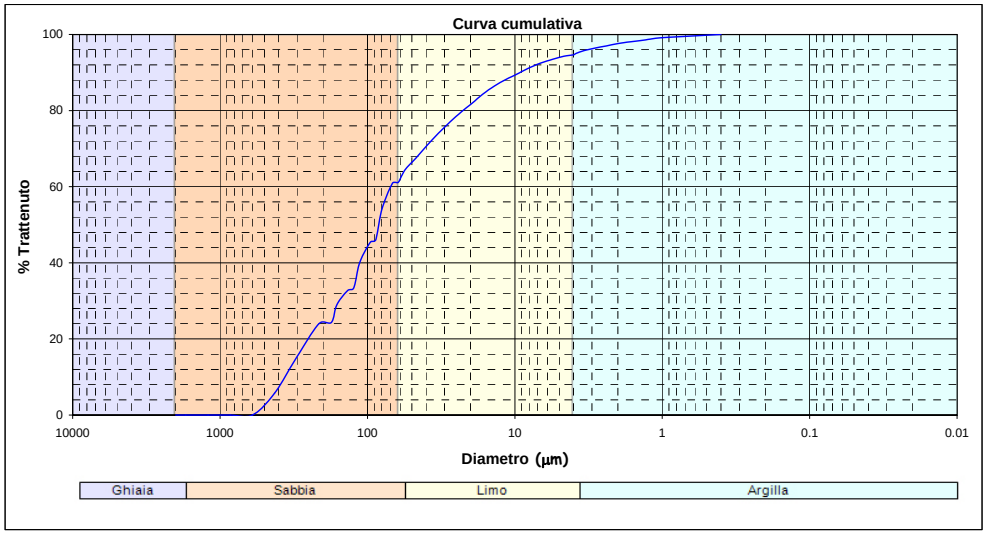
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	5.71%	5.71%
353.55	1.5		
353.55	1.5	9.50%	15.21%
250	2		
250	2	8.80%	24.00%
176.78	2.5		
176.78	2.5	0.30%	24.30%
175	2.515		
175	2.515	4.70%	29.01%
147	2.766		
147	2.766	3.77%	32.78%
125	3		
125	3	0.63%	33.40%
123	3.023		
123	3.023	6.61%	40.02%
103	3.279		
103	3.279	5.37%	45.39%
88.39	3.5		
88.39	3.5	0.69%	46.08%
87	3.523		
87	3.523	7.89%	53.97%
73	3.776		
73	3.776	6.86%	60.83%
62.5	4		
62.5	4	0.32%	61.15%
61	4.035		
61	4.035	3.13%	64.28%
51	4.293		
51	4.293	3.22%	67.50%
43	4.54		
43	4.54	3.33%	70.83%
36	4.796		
36	4.796	3.22%	74.05%
30	5.059		
30	5.059	2.98%	77.03%
25	5.322		
25	5.322	2.66%	79.69%
21	5.573		
21	5.573	2.21%	81.90%
18	5.796		
18	5.796	2.41%	84.31%
15	6.059		
15	6.059	2.13%	86.45%
12.5	6.322		
12.5	6.322	1.76%	88.20%
10.5	6.573		
10.5	6.573	1.34%	89.55%
9	6.796		
9	6.796	1.40%	90.95%
7.5	7.059		
7.5	7.059	1.50%	92.45%
6	7.381		
6	7.381	1.06%	93.51%
5	7.644		
5	7.644	0.78%	94.29%
4.3	7.861		
4.3	7.861	0.35%	94.65%
4	7.966		
4	7.966	0.35%	95.00%
3.7	8.078		
3.7	8.078	0.75%	95.75%
3.1	8.334		
3.1	8.334	0.66%	96.41%
2.6	8.587		
2.6	8.587	0.57%	96.98%
2.2	8.828		
2.2	8.828	0.61%	97.59%
1.8	9.118		
1.8	9.118	0.49%	98.07%
1.5	9.381		
1.5	9.381	0.34%	98.42%
1.3	9.587		
1.3	9.587	0.36%	98.77%
1.1	9.828		
1.1	9.828	0.38%	99.15%
0.9	10.118		
< 0,900	> 10,118	0.85%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 22
Livello (cm)	(25-50)
Peso totale (g)	43.5
Frazione > 63 µm (%)	64.8
Frazione < 63 µm (%)	35.2

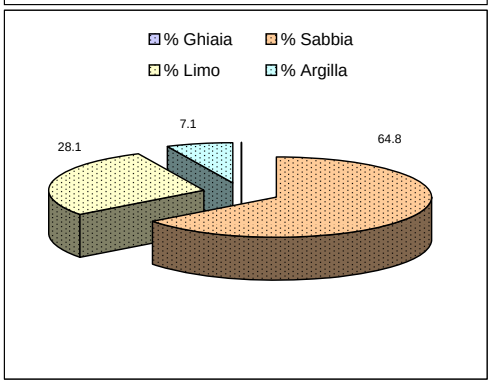
Frazione grossolana (> 63 µm) = 64.8	
% Ghiaia	% Sabbia
0.0	64.8

Frazione pelitica (< 63 µm) = 35.2	
% Limo	% Argilla
28.1	7.1

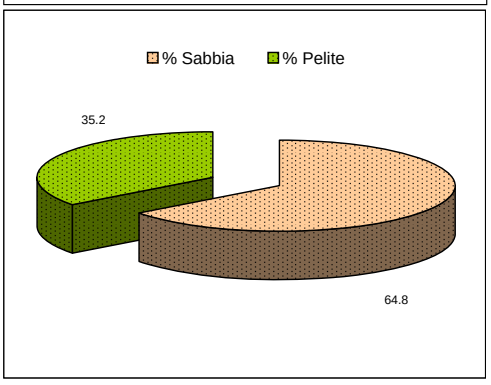
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.722
Deviazione Standard	2.232
Asimmetria (Skewness)	0.484
Appuntimento (Kurtosis)	0.967
Mediana (Φ)	3.034
Moda (Φ)	2.500

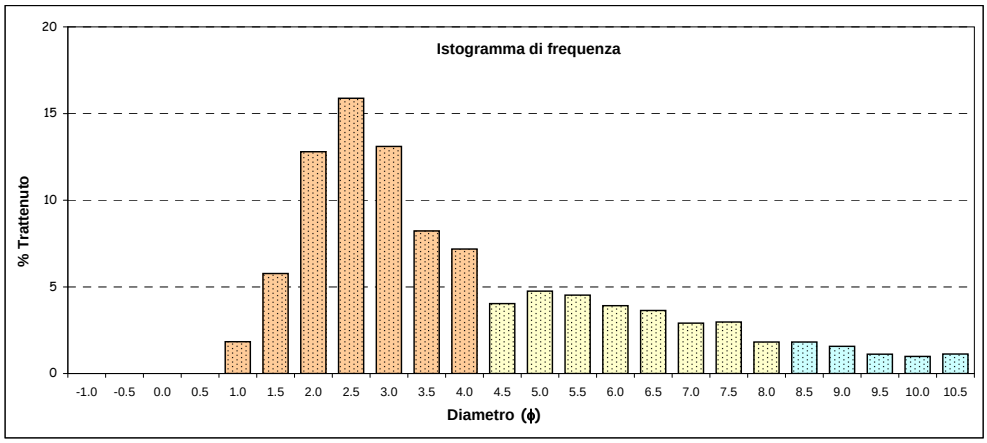
Percentili (Φ)	
5	1.252
16	1.807
25	2.128
50	3.034
75	5.211
84	6.326
95	8.526

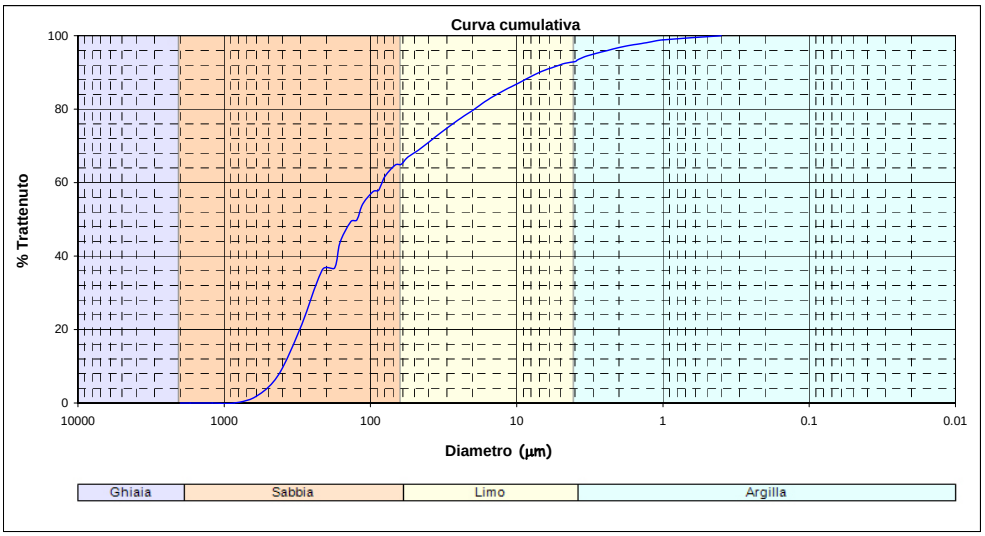
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.84%	1.84%
500	1		
500	1	5.78%	7.62%
353.55	1.5		
353.55	1.5	12.79%	20.41%
250	2		
250	2	15.88%	36.29%
176.78	2.5		
176.78	2.5	0.45%	36.73%
175	2.515		
175	2.515	7.04%	43.78%
147	2.766		
147	2.766	5.61%	49.39%
125	3		
125	3	0.42%	49.81%
123	3.023		
123	3.023	4.37%	54.17%
103	3.279		
103	3.279	3.44%	57.62%
88.39	3.5		
88.39	3.5	0.31%	57.93%
87	3.523		
87	3.523	3.62%	61.55%
73	3.776		
73	3.776	3.25%	64.80%
62.5	4		
62.5	4	0.17%	64.97%
61	4.035		
61	4.035	1.81%	66.78%
51	4.293		
51	4.293	2.05%	68.83%
43	4.54		
43	4.54	2.33%	71.16%
36	4.796		
36	4.796	2.43%	73.59%
30	5.059		
30	5.059	2.36%	75.95%
25	5.322		
25	5.322	2.17%	78.11%
21	5.573		
21	5.573	1.83%	79.95%
18	5.796		
18	5.796	2.08%	82.03%
15	6.059		
15	6.059	1.94%	83.97%
12.5	6.322		
12.5	6.322	1.70%	85.66%
10.5	6.573		
10.5	6.573	1.38%	87.05%
9	6.796		
9	6.796	1.53%	88.58%
7.5	7.059		
7.5	7.059	1.72%	90.29%
6	7.381		
6	7.381	1.26%	91.55%
5	7.644		
5	7.644	0.95%	92.50%
4.3	7.861		
4.3	7.861	0.44%	92.94%
4	7.966		
4	7.966	0.44%	93.38%
3.7	8.078		
3.7	8.078	0.95%	94.33%
3.1	8.334		
3.1	8.334	0.87%	95.20%
2.6	8.587		
2.6	8.587	0.75%	95.95%
2.2	8.828		
2.2	8.828	0.82%	96.77%
1.8	9.118		
1.8	9.118	0.66%	97.42%
1.5	9.381		
1.5	9.381	0.46%	97.88%
1.3	9.587		
1.3	9.587	0.48%	98.37%
1.1	9.828		
1.1	9.828	0.50%	98.87%
0.9	10.118		
< 0,900	> 10,118	1.13%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 22
Livello (cm)	(50-75)
Peso totale (g)	
Frazione > 63 µm (%)	86.0
Frazione < 63 µm (%)	14.0

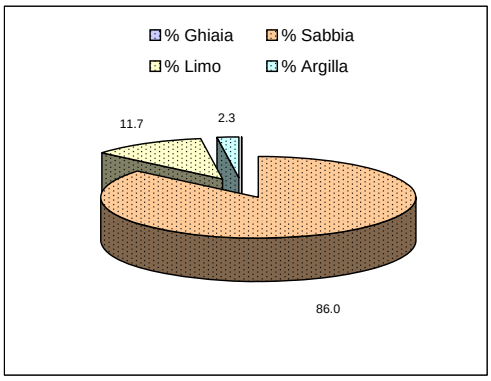
Frazione grossolana (> 63 µm) = 86.0	
% Ghiaia	% Sabbia
0.0	86.0

Frazione pelitica (< 63 µm) = 14.0	
% Limo	% Argilla
11.7	2.3

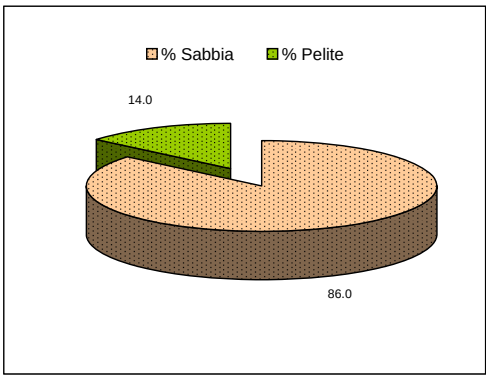
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.494
Deviazione Standard	1.315
Asimmetria (Skewness)	0.500
Appuntimento (Kurtosis)	2.049
Mediana (Φ)	2.231
Moda (Φ)	2.500

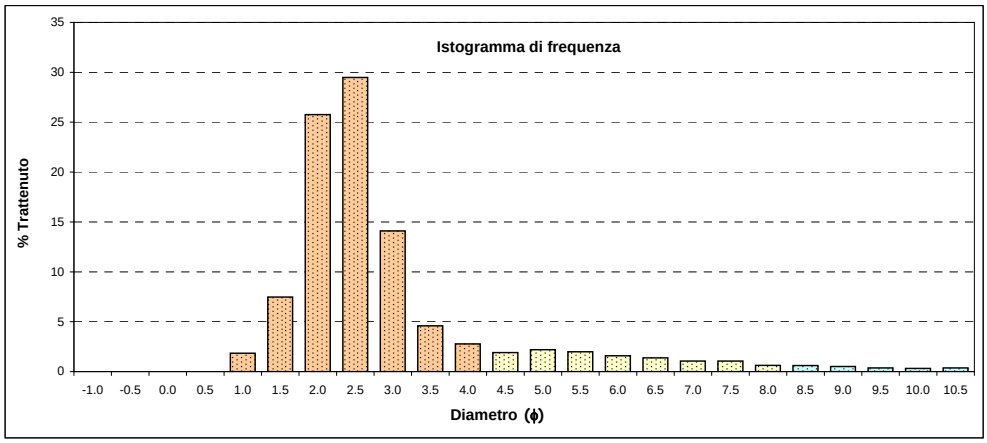
Percentili (Φ)	
5	1.190
16	1.614
25	1.783
50	2.231
75	2.853
84	3.636
95	6.536

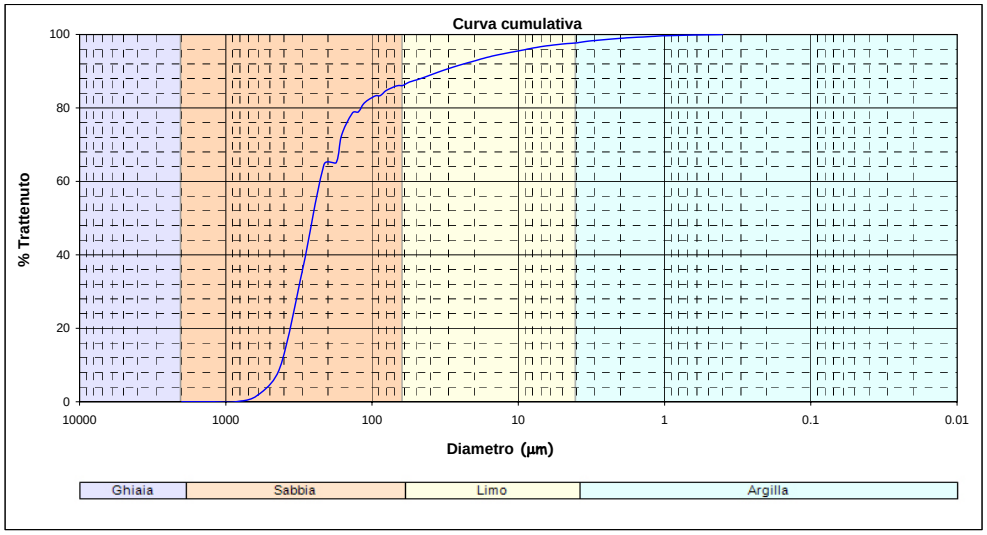
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.84%	1.84%
500	1		
500	1	7.48%	9.32%
353.55	1.5		
353.55	1.5	25.76%	35.08%
250	2		
250	2	29.48%	64.56%
176.78	2.5		
176.78	2.5	0.48%	65.04%
175	2.515		
175	2.515	7.63%	72.67%
147	2.766		
147	2.766	5.99%	78.66%
125	3		
125	3	0.24%	78.90%
123	3.023		
123	3.023	2.44%	81.33%
103	3.279		
103	3.279	1.91%	83.24%
88.39	3.5		
88.39	3.5	0.11%	83.36%
87	3.523		
87	3.523	1.37%	84.73%
73	3.776		
73	3.776	1.29%	86.02%
62.5	4		
62.5	4	0.08%	86.10%
61	4.035		
61	4.035	0.86%	86.97%
51	4.293		
51	4.293	0.97%	87.94%
43	4.54		
43	4.54	1.09%	89.03%
36	4.796		
36	4.796	1.11%	90.14%
30	5.059		
30	5.059	1.05%	91.19%
25	5.322		
25	5.322	0.93%	92.13%
21	5.573		
21	5.573	0.76%	92.88%
18	5.796		
18	5.796	0.83%	93.71%
15	6.059		
15	6.059	0.74%	94.45%
12.5	6.322		
12.5	6.322	0.63%	95.09%
10.5	6.573		
10.5	6.573	0.51%	95.59%
9	6.796		
9	6.796	0.55%	96.15%
7.5	7.059		
7.5	7.059	0.61%	96.76%
6	7.381		
6	7.381	0.44%	97.20%
5	7.644		
5	7.644	0.33%	97.53%
4.3	7.861		
4.3	7.861	0.15%	97.68%
4	7.966		
4	7.966	0.15%	97.83%
3.7	8.078		
3.7	8.078	0.32%	98.15%
3.1	8.334		
3.1	8.334	0.29%	98.43%
2.6	8.587		
2.6	8.587	0.25%	98.68%
2.2	8.828		
2.2	8.828	0.27%	98.95%
1.8	9.118		
1.8	9.118	0.21%	99.16%
1.5	9.381		
1.5	9.381	0.15%	99.31%
1.3	9.587		
1.3	9.587	0.16%	99.47%
1.1	9.828		
1.1	9.828	0.16%	99.63%
0.9	10.118		
< 0,900	> 10,118	0.37%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 22
Livello (cm)	(75-100)
Peso totale (g)	34.3
Frazione > 63 μm (%)	26.5
Frazione < 63 μm (%)	73.5

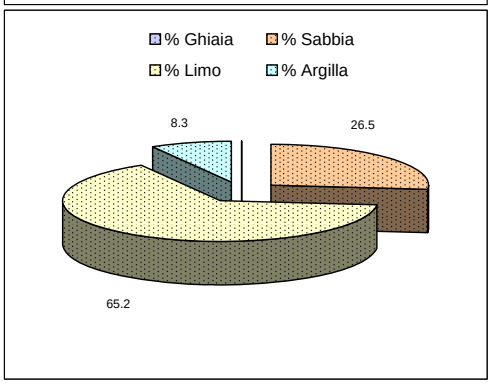
Frazione grossolana (> 63 μm) = 26.5	
% Ghiaia	% Sabbia
0.0	26.5

Frazione pelitica (< 63 μm) = 73.5	
% Limo	% Argilla
65.2	8.3

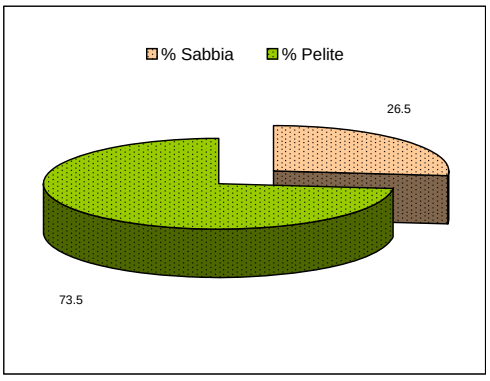
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.123
Deviazione Standard	1.816
Asimmetria (Skewness)	0.177
Appuntimento (Kurtosis)	1.145
Mediana (Φ)	4.939
Moda (Φ)	5.000

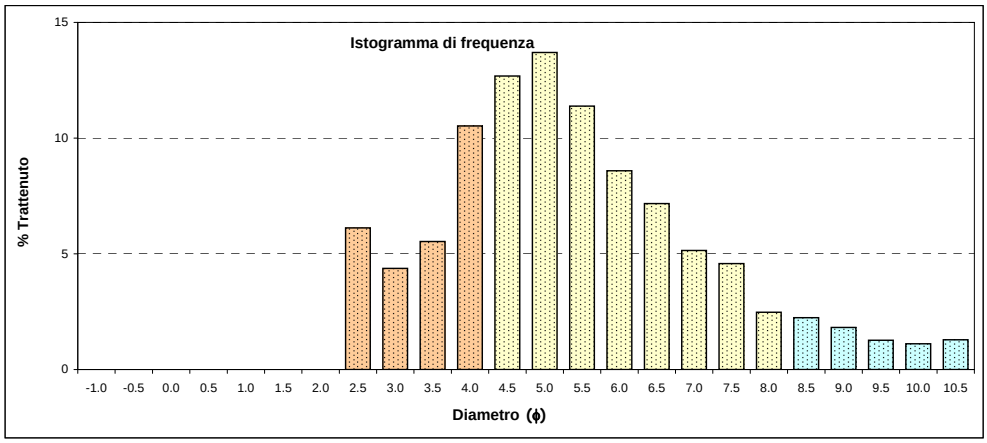
Percentili (Φ)	
5	2.394
16	3.498
25	3.932
50	4.939
75	6.194
84	6.931
95	8.714

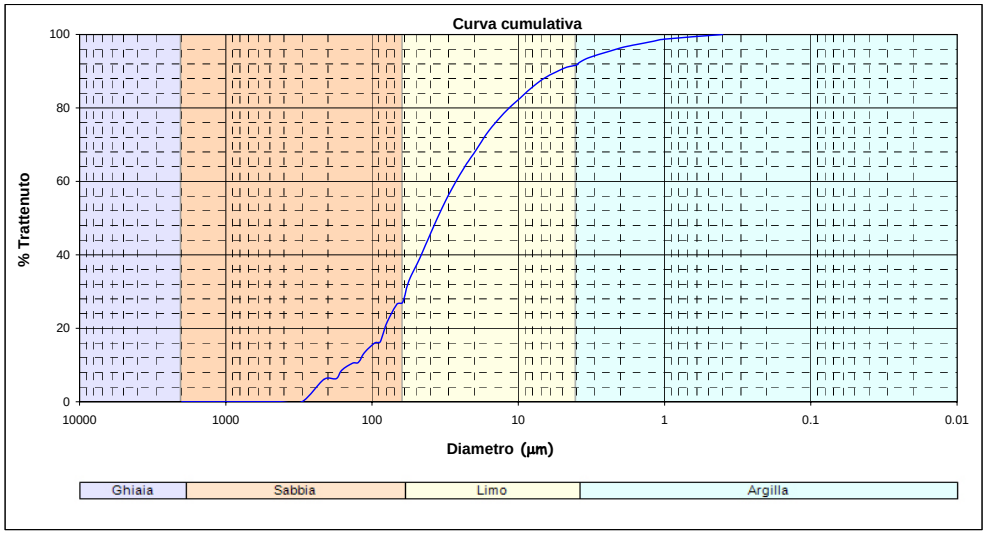
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	6.12%	6.12%
176.78	2.5		
176.78	2.5	0.15%	6.27%
175	2.515		
175	2.515	2.32%	8.59%
147	2.766		
147	2.766	1.90%	10.49%
125	3		
125	3	0.22%	10.71%
123	3.023		
123	3.023	2.61%	13.32%
103	3.279		
103	3.279	2.70%	16.02%
88.39	3.5		
88.39	3.5	0.33%	16.35%
87	3.523		
87	3.523	4.80%	21.15%
73	3.776		
73	3.776	5.39%	26.54%
62.5	4		
62.5	4	0.54%	27.08%
61	4.035		
61	4.035	5.77%	32.85%
51	4.293		
51	4.293	6.38%	39.23%
43	4.54		
43	4.54	6.92%	46.15%
36	4.796		
36	4.796	6.78%	52.93%
30	5.059		
30	5.059	6.14%	59.07%
25	5.322		
25	5.322	5.24%	64.31%
21	5.573		
21	5.573	4.16%	68.47%
18	5.796		
18	5.796	4.43%	72.90%
15	6.059		
15	6.059	3.91%	76.81%
12.5	6.322		
12.5	6.322	3.26%	80.07%
10.5	6.573		
10.5	6.573	2.53%	82.60%
9	6.796		
9	6.796	2.62%	85.22%
7.5	7.059		
7.5	7.059	2.72%	87.94%
6	7.381		
6	7.381	1.86%	89.80%
5	7.644		
5	7.644	1.32%	91.12%
4.3	7.861		
4.3	7.861	0.58%	91.70%
4	7.966		
4	7.966	0.58%	92.27%
3.7	8.078		
3.7	8.078	1.20%	93.47%
3.1	8.334		
3.1	8.334	1.05%	94.52%
2.6	8.587		
2.6	8.587	0.88%	95.40%
2.2	8.828		
2.2	8.828	0.94%	96.34%
1.8	9.118		
1.8	9.118	0.74%	97.08%
1.5	9.381		
1.5	9.381	0.52%	97.60%
1.3	9.587		
1.3	9.587	0.54%	98.15%
1.1	9.828		
1.1	9.828	0.57%	98.72%
0.9	10.118		
< 0,900	> 10,118	1.28%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 23
Livello (cm)	(0-25)
Peso totale (g)	33.1
Frazione > 63 µm (%)	19.7
Frazione < 63 µm (%)	80.3

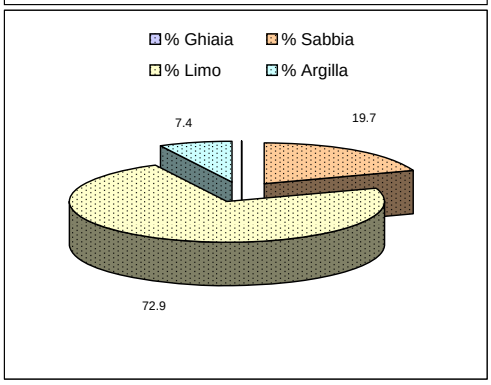
Frazione grossolana (> 63 µm) = 19.7	
% Ghiaia	% Sabbia
0.0	19.7

Frazione pelitica (< 63 µm) = 80.3	
% Limo	% Argilla
72.9	7.4

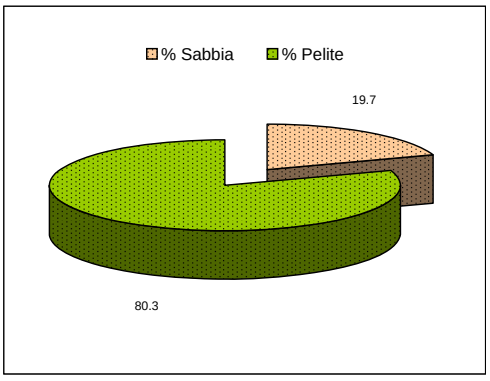
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.289
Deviazione Standard	1.750
Asimmetria (Skewness)	-0.033
Appuntimento (Kurtosis)	1.400
Mediana (Φ)	5.354
Moda (Φ)	5.500

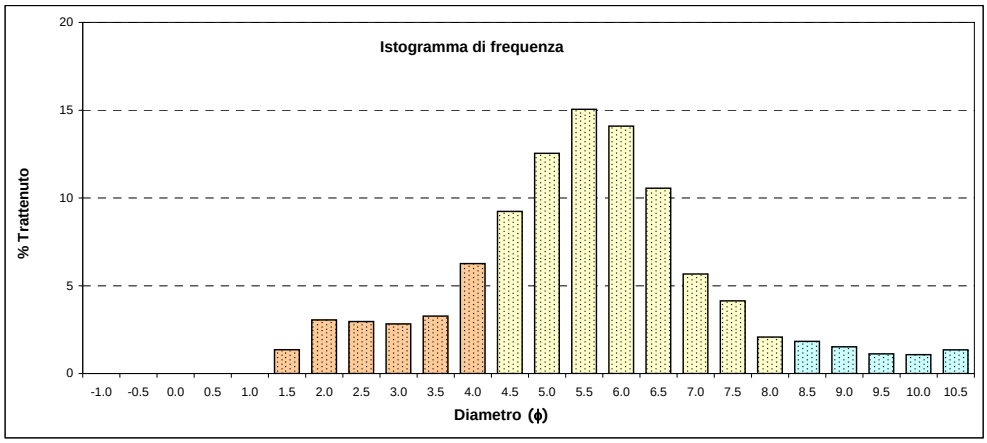
Percentili (Φ)	
5	2.087
16	3.733
25	4.333
50	5.354
75	6.242
84	6.780
95	8.607

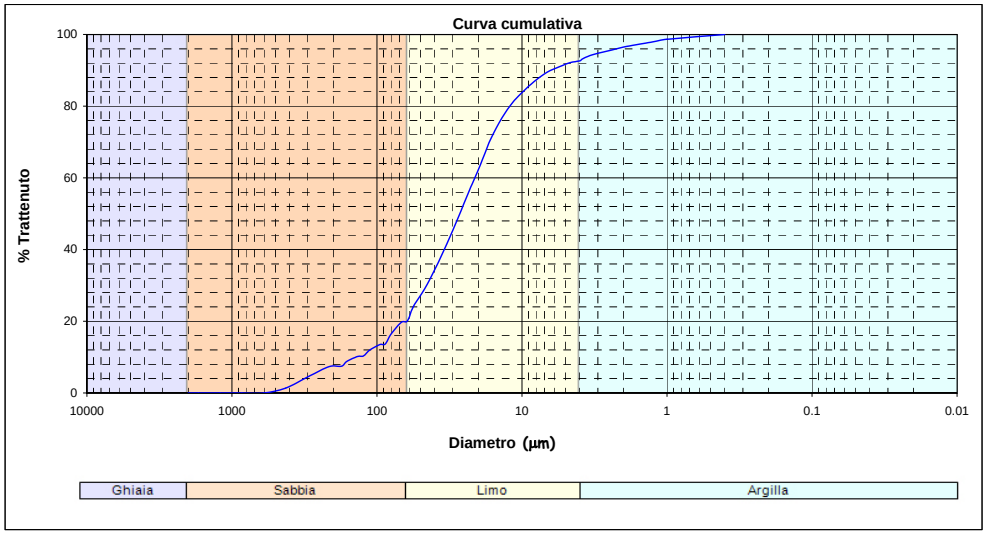
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.36%	1.36%
353.55	1.5		
353.55	1.5	3.05%	4.41%
250	2		
250	2	2.96%	7.37%
176.78	2.5		
176.78	2.5	0.07%	7.44%
175	2.515		
175	2.515	1.38%	8.82%
147	2.766		
147	2.766	1.37%	10.19%
125	3		
125	3	0.12%	10.31%
123	3.023		
123	3.023	1.56%	11.88%
103	3.279		
103	3.279	1.59%	13.46%
88.39	3.5		
88.39	3.5	0.19%	13.65%
87	3.523		
87	3.523	2.79%	16.44%
73	3.776		
73	3.776	3.29%	19.73%
62.5	4		
62.5	4	0.37%	20.10%
61	4.035		
61	4.035	4.07%	24.17%
51	4.293		
51	4.293	4.79%	28.96%
43	4.54		
43	4.54	5.81%	34.77%
36	4.796		
36	4.796	6.73%	41.51%
30	5.059		
30	5.059	7.45%	48.96%
25	5.322		
25	5.322	7.60%	56.56%
21	5.573		
21	5.573	6.73%	63.29%
18	5.796		
18	5.796	7.36%	70.65%
15	6.059		
15	6.059	6.09%	76.74%
12.5	6.322		
12.5	6.322	4.47%	81.21%
10.5	6.573		
10.5	6.573	2.99%	84.20%
9	6.796		
9	6.796	2.69%	86.88%
7.5	7.059		
7.5	7.059	2.52%	89.40%
6	7.381		
6	7.381	1.63%	91.02%
5	7.644		
5	7.644	1.12%	92.15%
4.3	7.861		
4.3	7.861	0.48%	92.63%
4	7.966		
4	7.966	0.48%	93.11%
3.7	8.078		
3.7	8.078	0.98%	94.09%
3.1	8.334		
3.1	8.334	0.85%	94.94%
2.6	8.587		
2.6	8.587	0.73%	95.66%
2.2	8.828		
2.2	8.828	0.79%	96.45%
1.8	9.118		
1.8	9.118	0.65%	97.11%
1.5	9.381		
1.5	9.381	0.47%	97.58%
1.3	9.587		
1.3	9.587	0.51%	98.09%
1.1	9.828		
1.1	9.828	0.56%	98.65%
0.9	10.118		
< 0,900	> 10,118	1.35%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 23
Livello (cm)	(25-50)
Peso totale (g)	42.9
Frazione > 63 μm (%)	24.4
Frazione < 63 μm (%)	75.6

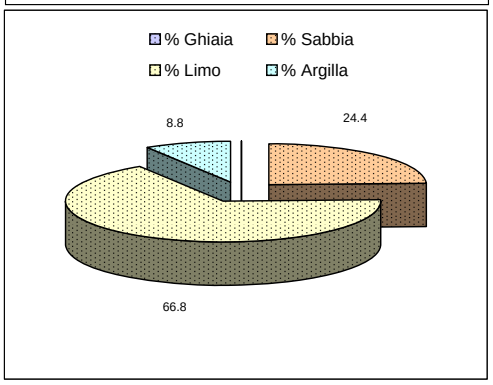
Frazione grossolana (> 63 μm) = 24.4	
% Ghiaia	% Sabbia
0.0	24.4

Frazione pelitica (< 63 μm) = 75.6	
% Limo	% Argilla
66.8	8.8

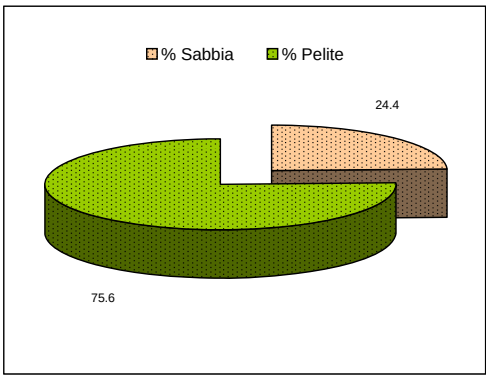
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.254
Deviazione Standard	1.803
Asimmetria (Skewness)	0.135
Appuntimento (Kurtosis)	1.122
Mediana (Φ)	5.148
Moda (Φ)	5.000

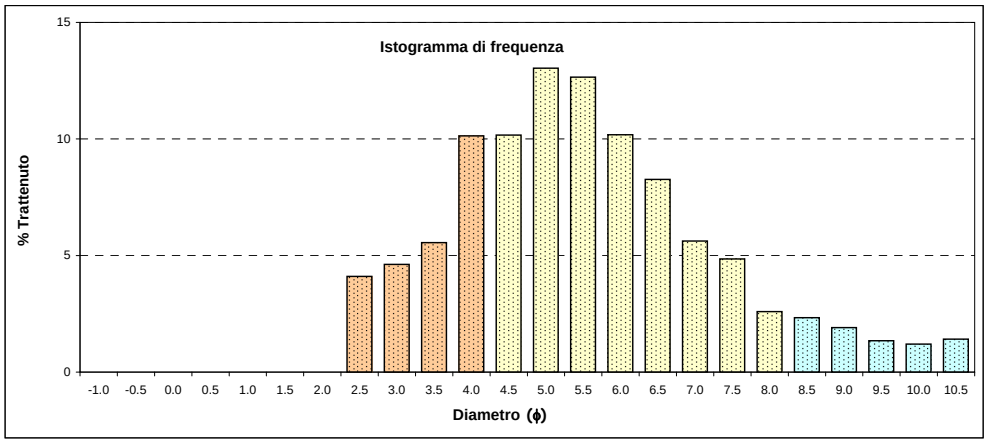
Percentili (Φ)	
5	2.584
16	3.590
25	4.046
50	5.148
75	6.321
84	7.024
95	8.814

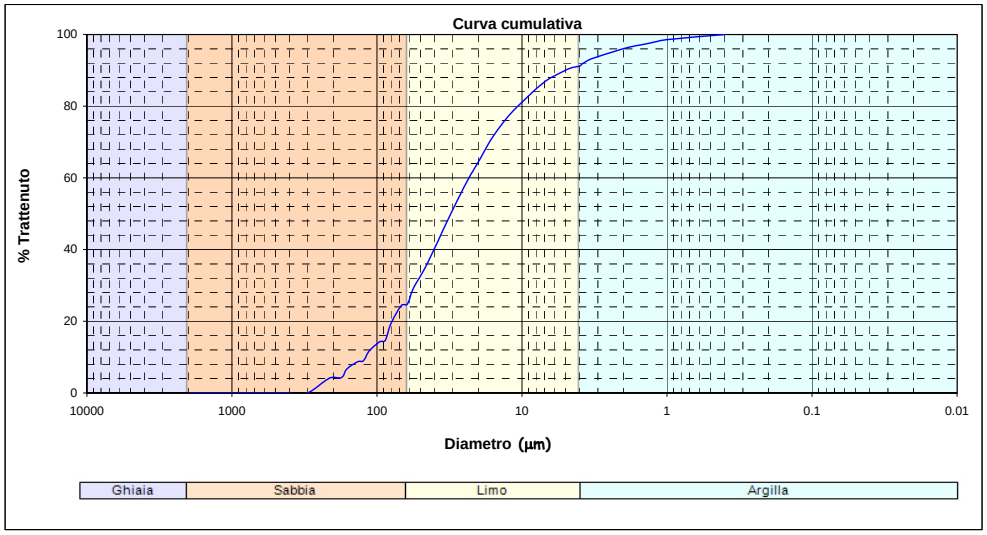
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	4.10%	4.10%
176.78	2.5		
176.78	2.5	0.16%	4.26%
175	2.515		
175	2.515	2.50%	6.76%
147	2.766		
147	2.766	1.96%	8.72%
125	3		
125	3	0.25%	8.97%
123	3.023		
123	3.023	2.75%	11.72%
103	3.279		
103	3.279	2.56%	14.28%
88.39	3.5		
88.39	3.5	0.37%	14.65%
87	3.523		
87	3.523	4.79%	19.44%
73	3.776		
73	3.776	4.97%	24.41%
62.5	4		
62.5	4	0.39%	24.80%
61	4.035		
61	4.035	4.46%	29.26%
51	4.293		
51	4.293	5.32%	34.58%
43	4.54		
43	4.54	6.29%	40.87%
36	4.796		
36	4.796	6.75%	47.62%
30	5.059		
30	5.059	6.64%	54.26%
25	5.322		
25	5.322	6.01%	60.27%
21	5.573		
21	5.573	4.92%	65.19%
18	5.796		
18	5.796	5.26%	70.45%
15	6.059		
15	6.059	4.56%	75.01%
12.5	6.322		
12.5	6.322	3.70%	78.72%
10.5	6.573		
10.5	6.573	2.79%	81.51%
9	6.796		
9	6.796	2.83%	84.34%
7.5	7.059		
7.5	7.059	2.89%	87.24%
6	7.381		
6	7.381	1.96%	89.20%
5	7.644		
5	7.644	1.39%	90.58%
4.3	7.861		
4.3	7.861	0.60%	91.19%
4	7.966		
4	7.966	0.60%	91.79%
3.7	8.078		
3.7	8.078	1.25%	93.04%
3.1	8.334		
3.1	8.334	1.09%	94.13%
2.6	8.587		
2.6	8.587	0.92%	95.05%
2.2	8.828		
2.2	8.828	0.99%	96.04%
1.8	9.118		
1.8	9.118	0.79%	96.82%
1.5	9.381		
1.5	9.381	0.56%	97.38%
1.3	9.587		
1.3	9.587	0.59%	97.97%
1.1	9.828		
1.1	9.828	0.62%	98.58%
0.9	10.118		
< 0,900	> 10,118	1.42%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 23
Livello (cm)	(50-75)
Peso totale (g)	37.2
Frazione > 63 μm (%)	25.6
Frazione < 63 μm (%)	74.4

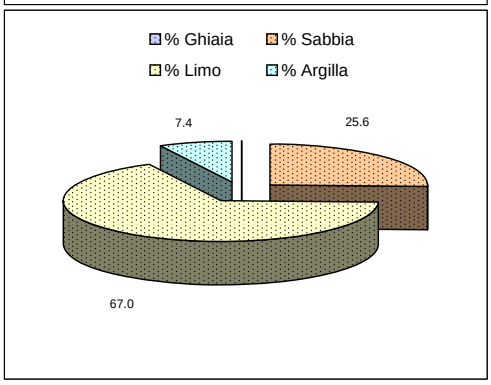
Frazione grossolana (> 63 μm) = 25.6	
% Ghiaia	% Sabbia
0.0	25.6

Frazione pelitica (< 63 μm) = 74.4	
% Limo	% Argilla
67.0	7.4

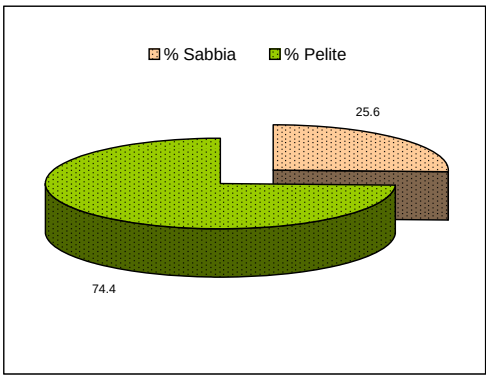
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.087
Deviazione Standard	1.768
Asimmetria (Skewness)	0.127
Appuntimento (Kurtosis)	1.224
Mediana (Φ)	4.966
Moda (Φ)	5.000

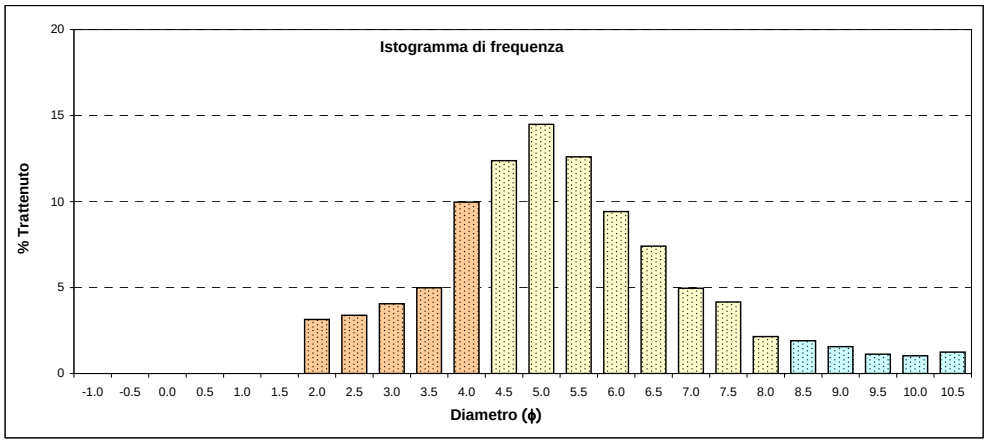
Percentili (Φ)	
5	2.252
16	3.528
25	3.974
50	4.966
75	6.092
84	6.765
95	8.580

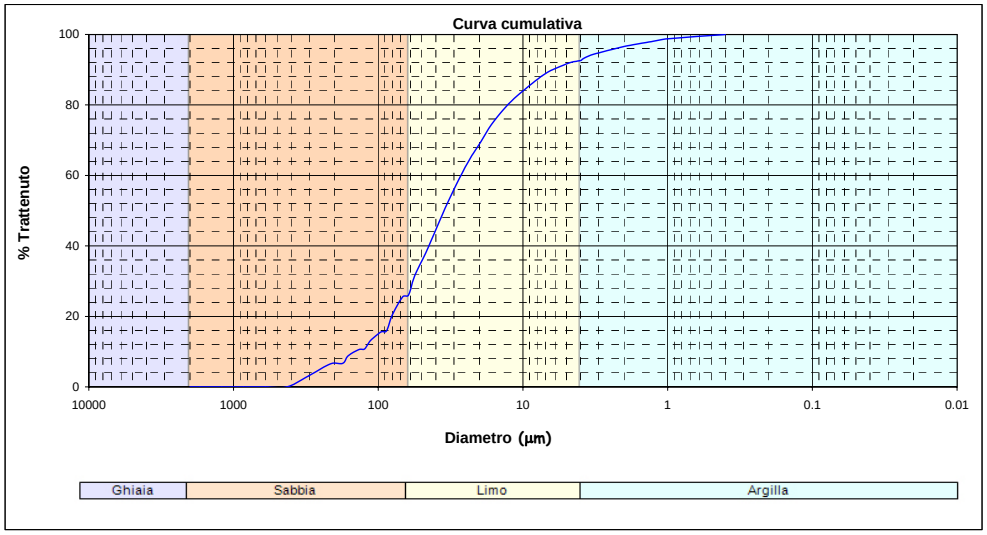
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.15%	3.15%
250	2		
250	2	3.39%	6.53%
176.78	2.5		
176.78	2.5	0.14%	6.67%
175	2.515		
175	2.515	2.20%	8.87%
147	2.766		
147	2.766	1.72%	10.59%
125	3		
125	3	0.21%	10.80%
123	3.023		
123	3.023	2.38%	13.18%
103	3.279		
103	3.279	2.41%	15.59%
88.39	3.5		
88.39	3.5	0.31%	15.90%
87	3.523		
87	3.523	4.52%	20.42%
73	3.776		
73	3.776	5.13%	25.55%
62.5	4		
62.5	4	0.49%	26.04%
61	4.035		
61	4.035	5.51%	31.55%
51	4.293		
51	4.293	6.38%	37.93%
43	4.54		
43	4.54	7.20%	45.13%
36	4.796		
36	4.796	7.29%	52.42%
30	5.059		
30	5.059	6.77%	59.19%
25	5.322		
25	5.322	5.83%	65.02%
21	5.573		
21	5.573	4.61%	69.63%
18	5.796		
18	5.796	4.81%	74.43%
15	6.059		
15	6.059	4.11%	78.54%
12.5	6.322		
12.5	6.322	3.30%	81.85%
10.5	6.573		
10.5	6.573	2.47%	84.32%
9	6.796		
9	6.796	2.48%	86.80%
7.5	7.059		
7.5	7.059	2.50%	89.30%
6	7.381		
6	7.381	1.66%	90.96%
5	7.644		
5	7.644	1.16%	92.12%
4.3	7.861		
4.3	7.861	0.50%	92.62%
4	7.966		
4	7.966	0.50%	93.12%
3.7	8.078		
3.7	8.078	1.02%	94.13%
3.1	8.334		
3.1	8.334	0.89%	95.02%
2.6	8.587		
2.6	8.587	0.75%	95.78%
2.2	8.828		
2.2	8.828	0.81%	96.59%
1.8	9.118		
1.8	9.118	0.66%	97.25%
1.5	9.381		
1.5	9.381	0.47%	97.72%
1.3	9.587		
1.3	9.587	0.50%	98.22%
1.1	9.828		
1.1	9.828	0.54%	98.75%
0.9	10.118		
< 0,900	> 10,118	1.25%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 23
Livello (cm)	(75-100)
Peso totale (g)	27.2
Frazione > 63 μm (%)	20.7
Frazione < 63 μm (%)	79.3

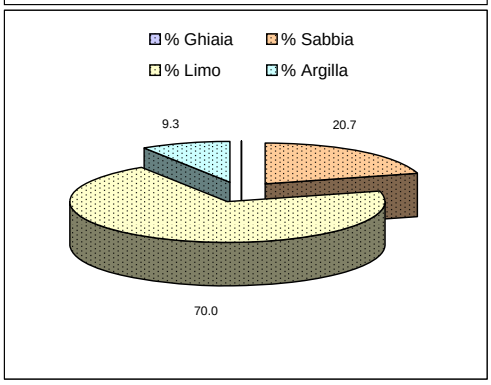
Frazione grossolana (> 63 μm) = 20.7	
% Ghiaia	% Sabbia
0.0	20.7

Frazione pelitica (< 63 μm) = 79.3	
% Limo	% Argilla
70.0	9.3

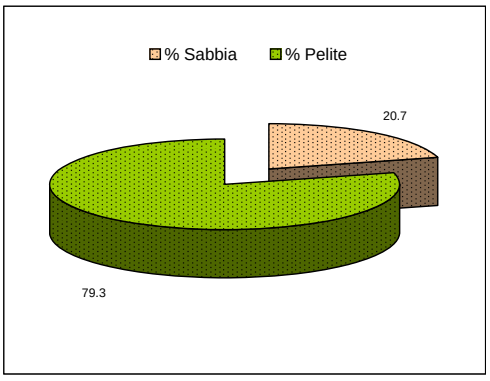
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.370
Deviazione Standard	1.774
Asimmetria (Skewness)	0.162
Appuntimento (Kurtosis)	1.155
Mediana (Φ)	5.211
Moda (Φ)	5.000

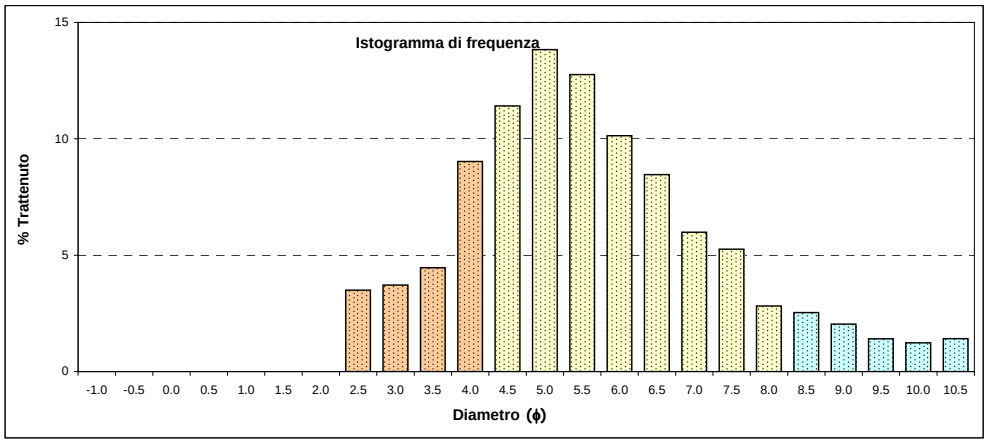
Percentili (Φ)	
5	2.682
16	3.772
25	4.227
50	5.211
75	6.418
84	7.127
95	8.859

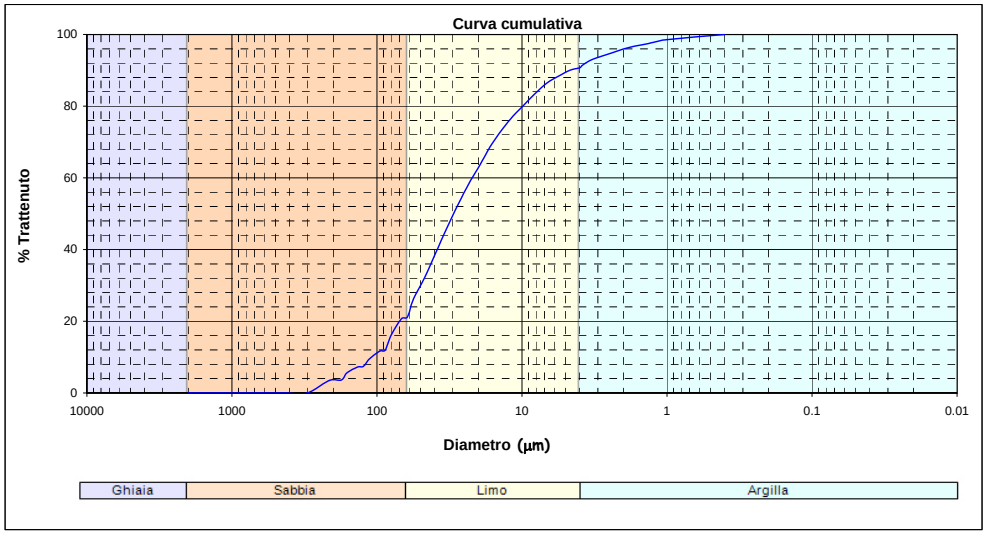
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.50%	3.50%
176.78	2.5		
176.78	2.5	0.13%	3.62%
175	2.515		
175	2.515	2.01%	5.63%
147	2.766		
147	2.766	1.58%	7.21%
125	3		
125	3	0.18%	7.39%
123	3.023		
123	3.023	2.08%	9.47%
103	3.279		
103	3.279	2.20%	11.67%
88.39	3.5		
88.39	3.5	0.28%	11.95%
87	3.523		
87	3.523	4.10%	16.05%
73	3.776		
73	3.776	4.65%	20.70%
62.5	4		
62.5	4	0.45%	21.15%
61	4.035		
61	4.035	5.06%	26.21%
51	4.293		
51	4.293	5.89%	32.11%
43	4.54		
43	4.54	6.78%	38.89%
36	4.796		
36	4.796	7.05%	45.94%
30	5.059		
30	5.059	6.76%	52.70%
25	5.322		
25	5.322	6.00%	58.70%
21	5.573		
21	5.573	4.88%	63.58%
18	5.796		
18	5.796	5.25%	68.83%
15	6.059		
15	6.059	4.63%	73.46%
12.5	6.322		
12.5	6.322	3.83%	77.29%
10.5	6.573		
10.5	6.573	2.95%	80.24%
9	6.796		
9	6.796	3.04%	83.28%
7.5	7.059		
7.5	7.059	3.13%	86.41%
6	7.381		
6	7.381	2.13%	88.53%
5	7.644		
5	7.644	1.51%	90.04%
4.3	7.861		
4.3	7.861	0.66%	90.70%
4	7.966		
4	7.966	0.66%	91.35%
3.7	8.078		
3.7	8.078	1.35%	92.71%
3.1	8.334		
3.1	8.334	1.18%	93.89%
2.6	8.587		
2.6	8.587	0.99%	94.88%
2.2	8.828		
2.2	8.828	1.05%	95.93%
1.8	9.118		
1.8	9.118	0.83%	96.76%
1.5	9.381		
1.5	9.381	0.58%	97.34%
1.3	9.587		
1.3	9.587	0.61%	97.95%
1.1	9.828		
1.1	9.828	0.63%	98.58%
0.9	10.118		
< 0,900	> 10,118	1.42%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 24
Livello (cm)	(0-25)
Peso totale (g)	42.8
Frazione > 63 µm (%)	17.4
Frazione < 63 µm (%)	82.6

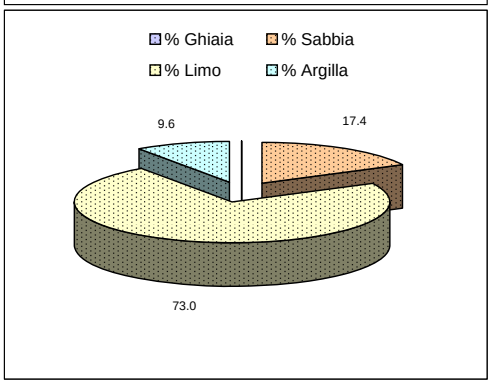
Frazione grossolana (> 63 µm) = 17.4	
% Ghiaia	% Sabbia
0.0	17.4

Frazione pelitica (< 63 µm) = 82.6	
% Limo	% Argilla
73.0	9.6

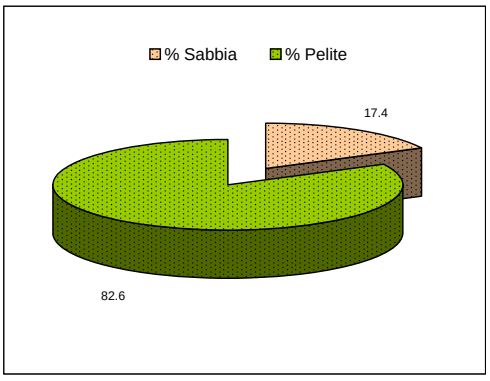
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.469
Deviazione Standard	1.824
Asimmetria (Skewness)	0.063
Appuntimento (Kurtosis)	1.387
Mediana (Φ)	5.397
Moda (Φ)	5.500

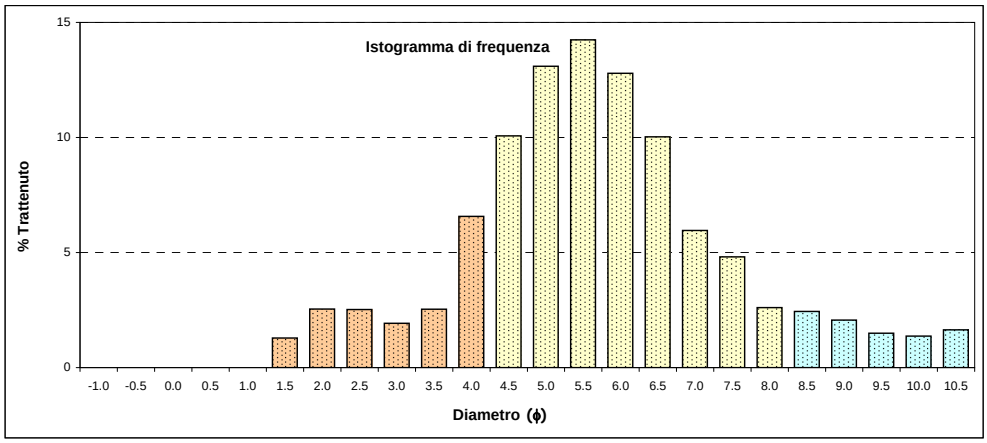
Percentili (Φ)	
5	2.210
16	3.907
25	4.418
50	5.397
75	6.417
84	7.102
95	8.976

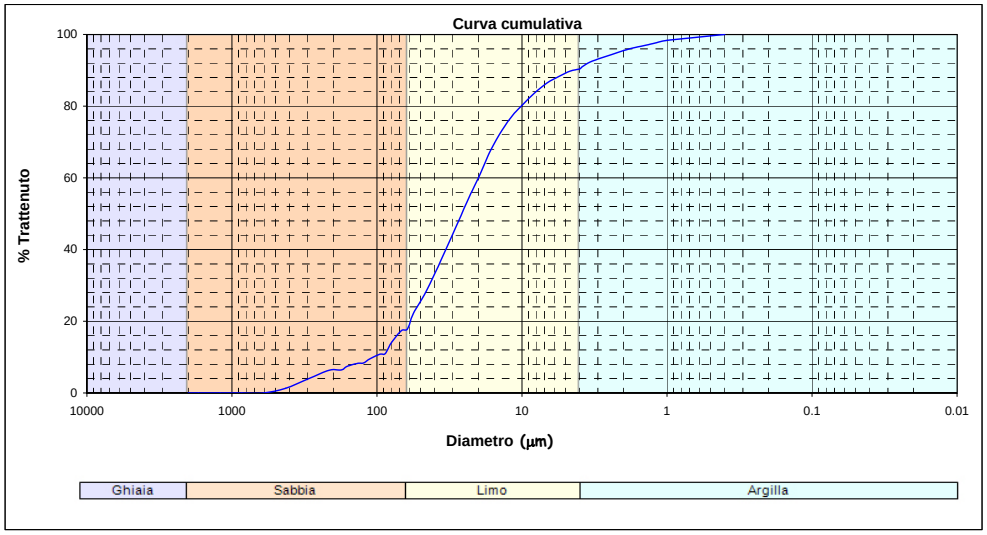
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.28%	1.28%
353.55	1.5		
353.55	1.5	2.55%	3.83%
250	2		
250	2	2.52%	6.36%
176.78	2.5		
176.78	2.5	0.06%	6.42%
175	2.515		
175	2.515	1.01%	7.43%
147	2.766		
147	2.766	0.85%	8.28%
125	3		
125	3	0.07%	8.35%
123	3.023		
123	3.023	1.09%	9.44%
103	3.279		
103	3.279	1.38%	10.82%
88.39	3.5		
88.39	3.5	0.18%	11.00%
87	3.523		
87	3.523	2.89%	13.89%
73	3.776		
73	3.776	3.51%	17.39%
62.5	4		
62.5	4	0.40%	17.79%
61	4.035		
61	4.035	4.44%	22.23%
51	4.293		
51	4.293	5.23%	27.46%
43	4.54		
43	4.54	6.21%	33.68%
36	4.796		
36	4.796	6.88%	40.56%
30	5.059		
30	5.059	7.21%	47.77%
25	5.322		
25	5.322	7.03%	54.80%
21	5.573		
21	5.573	6.10%	60.90%
18	5.796		
18	5.796	6.69%	67.59%
15	6.059		
15	6.059	5.68%	73.27%
12.5	6.322		
12.5	6.322	4.35%	77.62%
10.5	6.573		
10.5	6.573	3.05%	80.67%
9	6.796		
9	6.796	2.91%	83.58%
7.5	7.059		
7.5	7.059	2.87%	86.45%
6	7.381		
6	7.381	1.94%	88.39%
5	7.644		
5	7.644	1.38%	89.77%
4.3	7.861		
4.3	7.861	0.61%	90.38%
4	7.966		
4	7.966	0.61%	91.00%
3.7	8.078		
3.7	8.078	1.29%	92.29%
3.1	8.334		
3.1	8.334	1.15%	93.44%
2.6	8.587		
2.6	8.587	0.99%	94.42%
2.2	8.828		
2.2	8.828	1.08%	95.50%
1.8	9.118		
1.8	9.118	0.87%	96.37%
1.5	9.381		
1.5	9.381	0.62%	96.99%
1.3	9.587		
1.3	9.587	0.66%	97.66%
1.1	9.828		
1.1	9.828	0.71%	98.36%
0.9	10.118		
< 0,900	> 10,118	1.64%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 24
Livello (cm)	(25-50)
Peso totale (g)	28.6
Frazione > 63 μm (%)	22.6
Frazione < 63 μm (%)	77.4

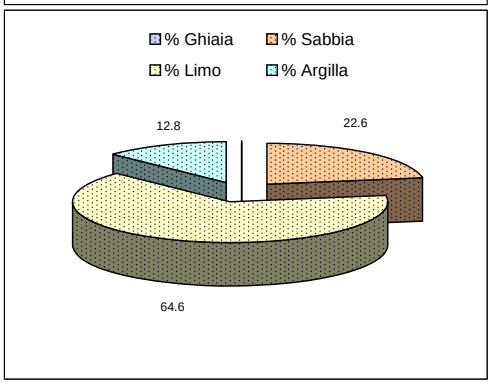
Frazione grossolana (> 63 μm) = 22.6	
% Ghiaia	% Sabbia
0.0	22.6

Frazione pelitica (< 63 μm) = 77.4	
% Limo	% Argilla
64.6	12.8

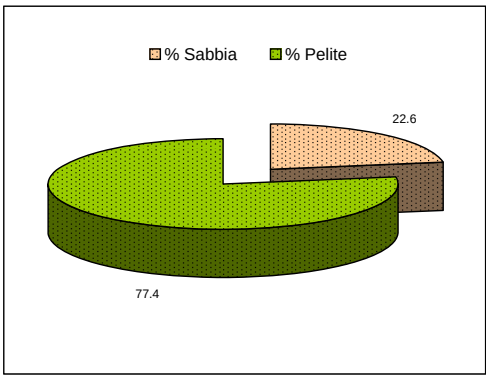
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.556
Deviazione Standard	1.980
Asimmetria (Skewness)	0.149
Appuntimento (Kurtosis)	1.028
Mediana (Φ)	5.393
Moda (Φ)	5.000

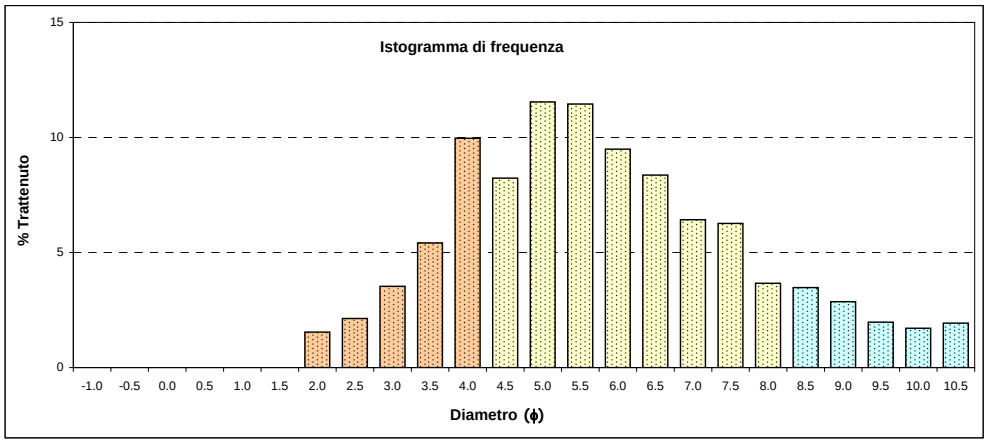
Percentili (Φ)	
5	2.668
16	3.674
25	4.187
50	5.393
75	6.813
84	7.603
95	9.252

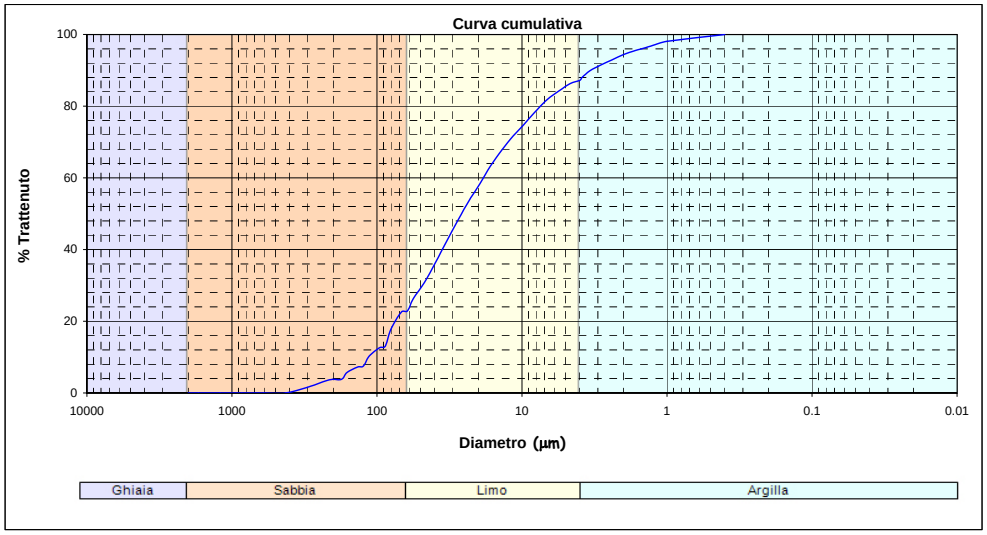
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.54%	1.54%
250	2		
250	2	2.14%	3.68%
176.78	2.5		
176.78	2.5	0.12%	3.80%
175	2.515		
175	2.515	1.91%	5.71%
147	2.766		
147	2.766	1.50%	7.21%
125	3		
125	3	0.28%	7.49%
123	3.023		
123	3.023	2.81%	10.30%
103	3.279		
103	3.279	2.32%	12.63%
88.39	3.5		
88.39	3.5	0.40%	13.03%
87	3.523		
87	3.523	4.82%	17.85%
73	3.776		
73	3.776	4.75%	22.59%
62.5	4		
62.5	4	0.27%	22.87%
61	4.035		
61	4.035	3.50%	26.36%
51	4.293		
51	4.293	4.47%	30.83%
43	4.54		
43	4.54	5.51%	36.34%
36	4.796		
36	4.796	6.03%	42.37%
30	5.059		
30	5.059	5.99%	48.37%
25	5.322		
25	5.322	5.46%	53.83%
21	5.573		
21	5.573	4.52%	58.35%
18	5.796		
18	5.796	4.97%	63.32%
15	6.059		
15	6.059	4.50%	67.82%
12.5	6.322		
12.5	6.322	3.86%	71.68%
10.5	6.573		
10.5	6.573	3.08%	74.77%
9	6.796		
9	6.796	3.34%	78.11%
7.5	7.059		
7.5	7.059	3.65%	81.76%
6	7.381		
6	7.381	2.61%	84.38%
5	7.644		
5	7.644	1.93%	86.30%
4.3	7.861		
4.3	7.861	0.87%	87.17%
4	7.966		
4	7.966	0.87%	88.04%
3.7	8.078		
3.7	8.078	1.84%	89.88%
3.1	8.334		
3.1	8.334	1.63%	91.51%
2.6	8.587		
2.6	8.587	1.39%	92.90%
2.2	8.828		
2.2	8.828	1.48%	94.38%
1.8	9.118		
1.8	9.118	1.17%	95.55%
1.5	9.381		
1.5	9.381	0.81%	96.36%
1.3	9.587		
1.3	9.587	0.84%	97.20%
1.1	9.828		
1.1	9.828	0.87%	98.07%
0.9	10.118		
< 0,900	> 10,118	1.93%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 24
Livello (cm)	(50-75)
Peso totale (g)	41.7
Frazione > 63 μm (%)	18.9
Frazione < 63 μm (%)	81.1

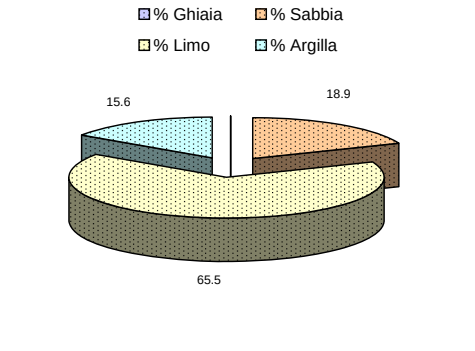
Frazione grossolana (> 63 μm) = 18.9	
% Ghiaia	% Sabbia
0.0	18.9

Frazione pelitica (< 63 μm) = 81.1	
% Limo	% Argilla
65.5	15.6

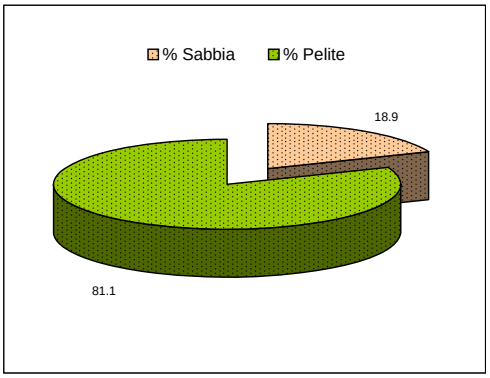
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.808
Deviazione Standard	2.035
Asimmetria (Skewness)	0.118
Appuntimento (Kurtosis)	1.016
Mediana (Φ)	5.673
Moda (Φ)	5.500

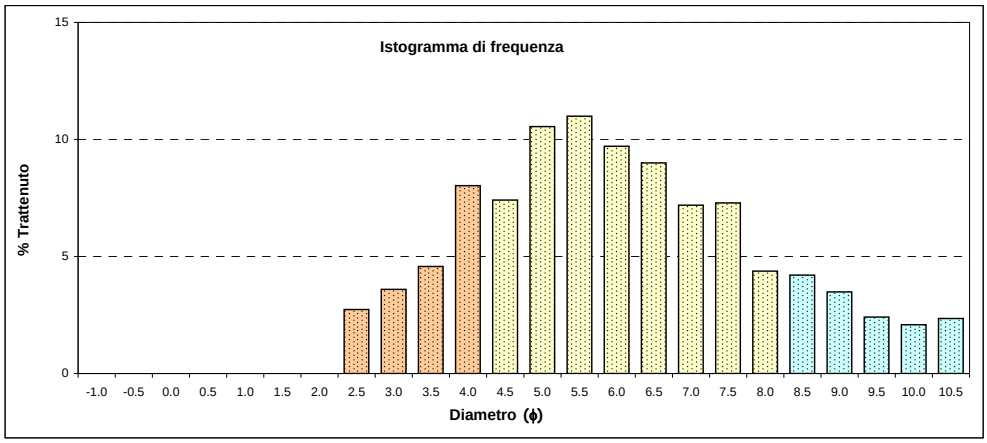
Percentili (Φ)	
5	2.794
16	3.828
25	4.452
50	5.673
75	7.145
84	7.924
95	9.467

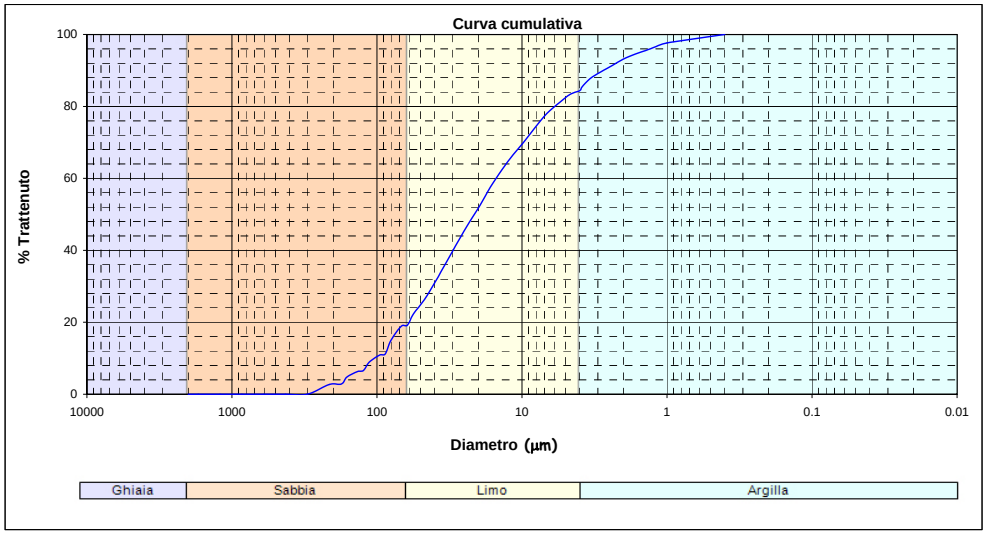
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.73%	2.73%
176.78	2.5		
176.78	2.5	0.12%	2.86%
175	2.515		
175	2.515	1.95%	4.80%
147	2.766		
147	2.766	1.53%	6.33%
125	3		
125	3	0.24%	6.57%
123	3.023		
123	3.023	2.36%	8.93%
103	3.279		
103	3.279	1.98%	10.91%
88.39	3.5		
88.39	3.5	0.31%	11.22%
87	3.523		
87	3.523	3.83%	15.04%
73	3.776		
73	3.776	3.89%	18.93%
62.5	4		
62.5	4	0.25%	19.18%
61	4.035		
61	4.035	3.15%	22.33%
51	4.293		
51	4.293	4.02%	26.34%
43	4.54		
43	4.54	4.99%	31.33%
36	4.796		
36	4.796	5.56%	36.89%
30	5.059		
30	5.059	5.67%	42.56%
25	5.322		
25	5.322	5.33%	47.88%
21	5.573		
21	5.573	4.55%	52.43%
18	5.796		
18	5.796	5.16%	57.59%
15	6.059		
15	6.059	4.80%	62.39%
12.5	6.322		
12.5	6.322	4.20%	66.59%
10.5	6.573		
10.5	6.573	3.42%	70.01%
9	6.796		
9	6.796	3.78%	73.78%
7.5	7.059		
7.5	7.059	4.22%	78.00%
6	7.381		
6	7.381	3.07%	81.07%
5	7.644		
5	7.644	2.29%	83.37%
4.3	7.861		
4.3	7.861	1.04%	84.41%
4	7.966		
4	7.966	1.04%	85.45%
3.7	8.078		
3.7	8.078	2.22%	87.67%
3.1	8.334		
3.1	8.334	1.98%	89.65%
2.6	8.587		
2.6	8.587	1.69%	91.34%
2.2	8.828		
2.2	8.828	1.80%	93.14%
1.8	9.118		
1.8	9.118	1.42%	94.57%
1.5	9.381		
1.5	9.381	0.99%	95.56%
1.3	9.587		
1.3	9.587	1.03%	96.58%
1.1	9.828		
1.1	9.828	1.06%	97.65%
0.9	10.118		
< 0,900	> 10,118	2.35%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 24
Livello (cm)	(75-100)
Peso totale (g)	27.6
Frazione > 63 μm (%)	16.0
Frazione < 63 μm (%)	84.0

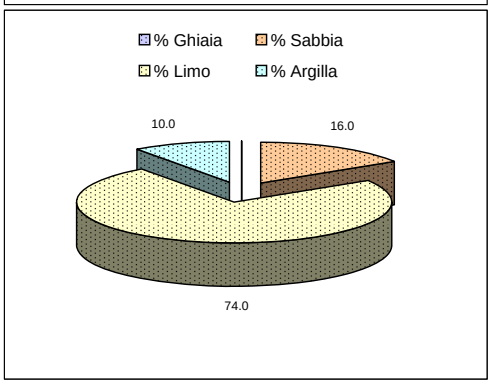
Frazione grossolana (> 63 μm) = 16.0	
% Ghiaia	% Sabbia
0.0	16.0

Frazione pelitica (< 63 μm) = 84.0	
% Limo	% Argilla
74.0	10.0

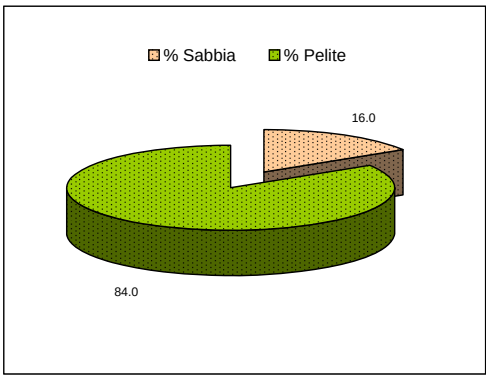
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.533
Deviazione Standard	1.699
Asimmetria (Skewness)	0.197
Appuntimento (Kurtosis)	1.123
Mediana (Φ)	5.344
Moda (Φ)	5.000

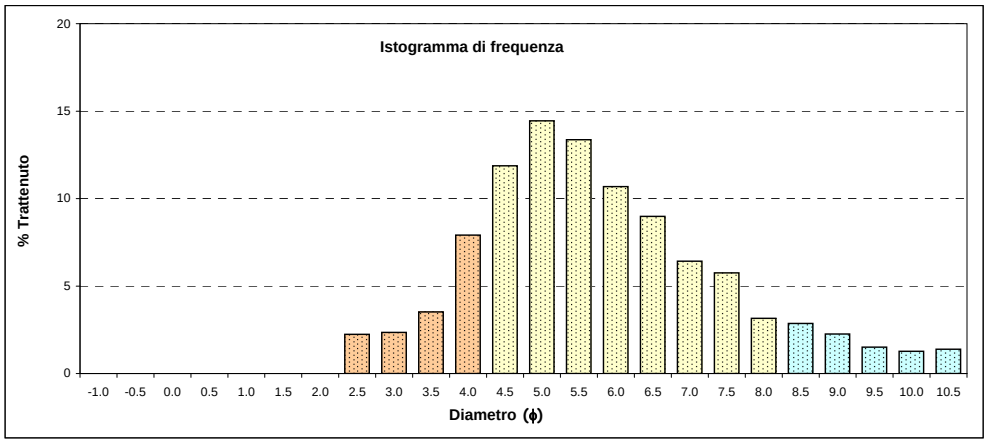
Percentili (Φ)	
5	3.066
16	3.999
25	4.418
50	5.344
75	6.548
84	7.258
95	8.903

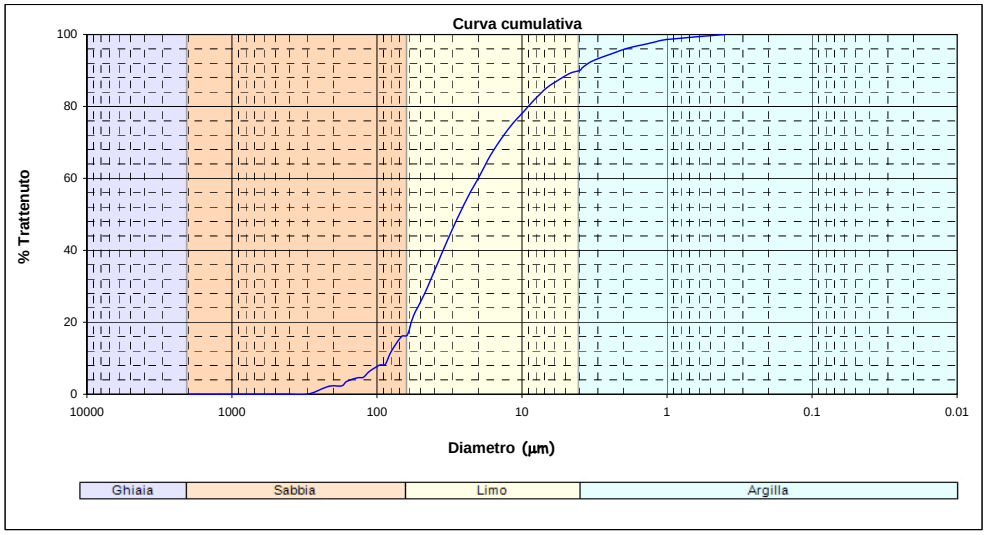
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.24%	2.24%
176.78	2.5		
176.78	2.5	0.08%	2.32%
175	2.515		
175	2.515	1.27%	3.59%
147	2.766		
147	2.766	1.00%	4.59%
125	3		
125	3	0.12%	4.72%
123	3.023		
123	3.023	1.58%	6.30%
103	3.279		
103	3.279	1.82%	8.12%
88.39	3.5		
88.39	3.5	0.21%	8.33%
87	3.523		
87	3.523	3.46%	11.79%
73	3.776		
73	3.776	4.23%	16.03%
62.5	4		
62.5	4	0.47%	16.49%
61	4.035		
61	4.035	5.26%	21.75%
51	4.293		
51	4.293	6.15%	27.90%
43	4.54		
43	4.54	7.08%	34.97%
36	4.796		
36	4.796	7.37%	42.34%
30	5.059		
30	5.059	7.07%	49.41%
25	5.322		
25	5.322	6.30%	55.71%
21	5.573		
21	5.573	5.14%	60.85%
18	5.796		
18	5.796	5.54%	66.40%
15	6.059		
15	6.059	4.91%	71.30%
12.5	6.322		
12.5	6.322	4.08%	75.38%
10.5	6.573		
10.5	6.573	3.15%	78.53%
9	6.796		
9	6.796	3.27%	81.80%
7.5	7.059		
7.5	7.059	3.41%	85.21%
6	7.381		
6	7.381	2.34%	87.55%
5	7.644		
5	7.644	1.68%	89.23%
4.3	7.861		
4.3	7.861	0.74%	89.97%
4	7.966		
4	7.966	0.74%	90.71%
3.7	8.078		
3.7	8.078	1.53%	92.25%
3.1	8.334		
3.1	8.334	1.33%	93.57%
2.6	8.587		
2.6	8.587	1.11%	94.68%
2.2	8.828		
2.2	8.828	1.15%	95.83%
1.8	9.118		
1.8	9.118	0.90%	96.73%
1.5	9.381		
1.5	9.381	0.61%	97.34%
1.3	9.587		
1.3	9.587	0.63%	97.97%
1.1	9.828		
1.1	9.828	0.64%	98.61%
0.9	10.118		
< 0,900	> 10,118	1.39%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 25
Livello (cm)	(0-25)
Peso totale (g)	17.6
Frazione > 63 μm (%)	36.3
Frazione < 63 μm (%)	63.7

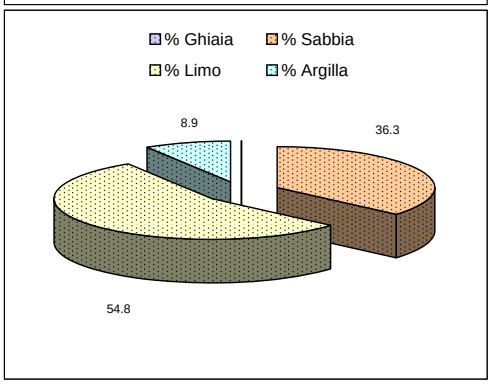
Frazione grossolana (> 63 μm) = 36.3	
% Ghiaia	% Sabbia
0.0	36.3

Frazione pelitica (< 63 μm) = 63.7	
% Limo	% Argilla
54.8	8.9

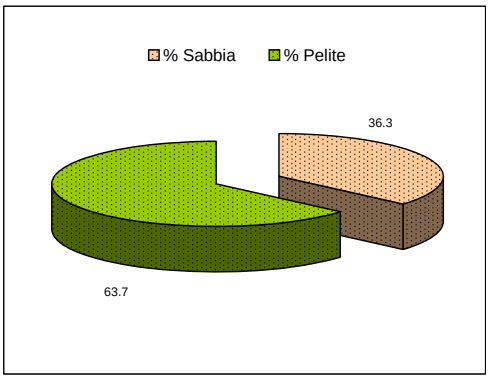
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.854
Deviazione Standard	2.144
Asimmetria (Skewness)	0.064
Appuntimento (Kurtosis)	0.972
Mediana (Φ)	4.859
Moda (Φ)	5.000

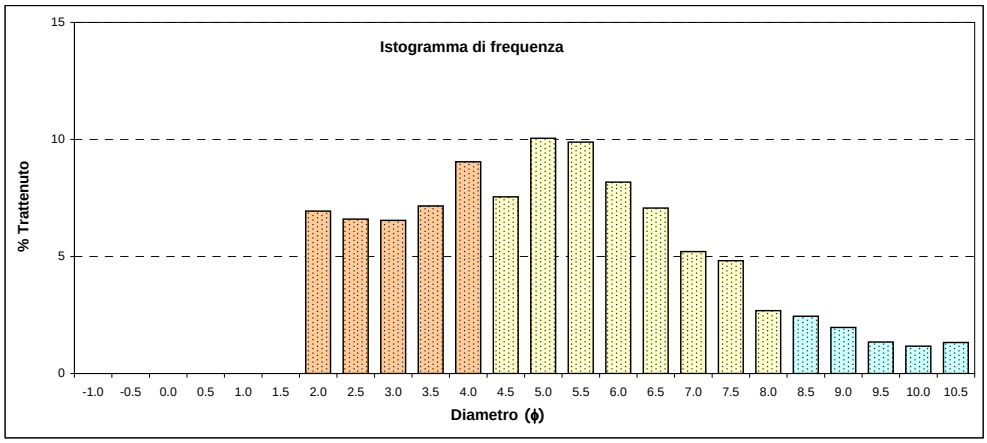
Percentili (Φ)	
5	1.842
16	2.668
25	3.336
50	4.859
75	6.264
84	7.034
95	8.789

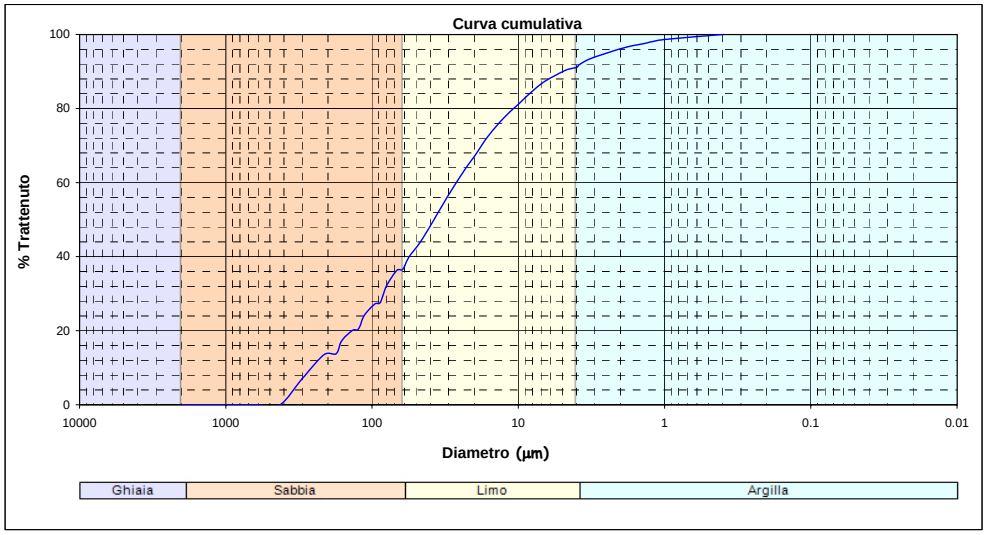
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	6.94%	6.94%
250	2		
250	2	6.60%	13.54%
176.78	2.5		
176.78	2.5	0.22%	13.77%
175	2.515		
175	2.515	3.54%	17.31%
147	2.766		
147	2.766	2.78%	20.09%
125	3		
125	3	0.36%	20.44%
123	3.023		
123	3.023	3.72%	24.16%
103	3.279		
103	3.279	3.09%	27.24%
88.39	3.5		
88.39	3.5	0.36%	27.60%
87	3.523		
87	3.523	4.38%	31.99%
73	3.776		
73	3.776	4.30%	36.29%
62.5	4		
62.5	4	0.28%	36.57%
61	4.035		
61	4.035	3.27%	39.84%
51	4.293		
51	4.293	4.00%	43.84%
43	4.54		
43	4.54	4.82%	48.66%
36	4.796		
36	4.796	5.23%	53.89%
30	5.059		
30	5.059	5.17%	59.06%
25	5.322		
25	5.322	4.71%	63.78%
21	5.573		
21	5.573	3.90%	67.68%
18	5.796		
18	5.796	4.27%	71.95%
15	6.059		
15	6.059	3.83%	75.79%
12.5	6.322		
12.5	6.322	3.23%	79.02%
10.5	6.573		
10.5	6.573	2.53%	81.55%
9	6.796		
9	6.796	2.68%	84.23%
7.5	7.059		
7.5	7.059	2.84%	87.07%
6	7.381		
6	7.381	1.98%	89.05%
5	7.644		
5	7.644	1.43%	90.48%
4.3	7.861		
4.3	7.861	0.63%	91.11%
4	7.966		
4	7.966	0.63%	91.74%
3.7	8.078		
3.7	8.078	1.31%	93.05%
3.1	8.334		
3.1	8.334	1.14%	94.19%
2.6	8.587		
2.6	8.587	0.96%	95.15%
2.2	8.828		
2.2	8.828	1.01%	96.16%
1.8	9.118		
1.8	9.118	0.80%	96.95%
1.5	9.381		
1.5	9.381	0.55%	97.51%
1.3	9.587		
1.3	9.587	0.57%	98.08%
1.1	9.828		
1.1	9.828	0.60%	98.67%
0.9	10.118		
< 0,900	> 10,118	1.33%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 25
Livello (cm)	(25-50)
Peso totale (g)	41.5
Frazione > 63 μm (%)	33.2
Frazione < 63 μm (%)	66.8

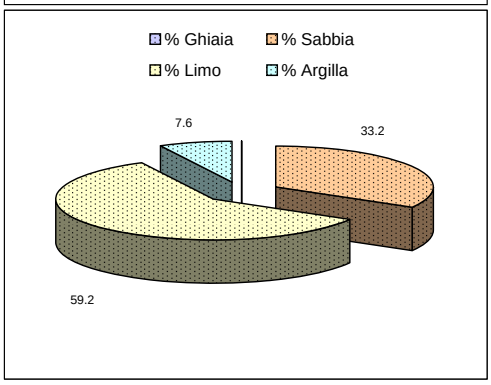
Frazione grossolana (> 63 μm) = 33.2	
% Ghiaia	% Sabbia
0.0	33.2

Frazione pelitica (< 63 μm) = 66.8	
% Limo	% Argilla
59.2	7.6

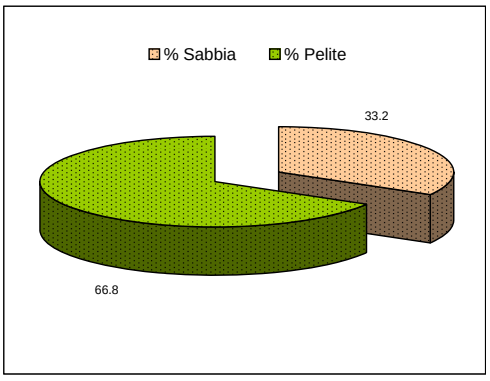
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.932
Deviazione Standard	1.937
Asimmetria (Skewness)	0.080
Appuntimento (Kurtosis)	1.079
Mediana (Φ)	4.898
Moda (Φ)	5.000

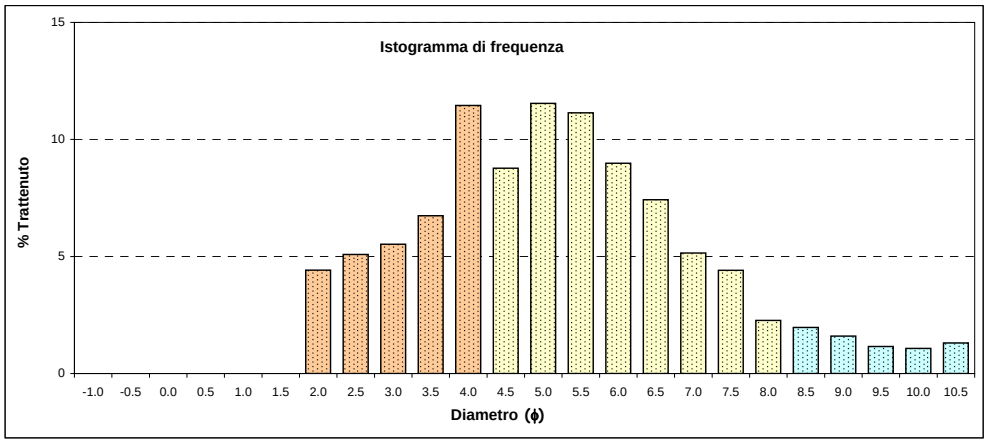
Percentili (Φ)	
5	2.050
16	3.067
25	3.643
50	4.898
75	6.140
84	6.831
95	8.624

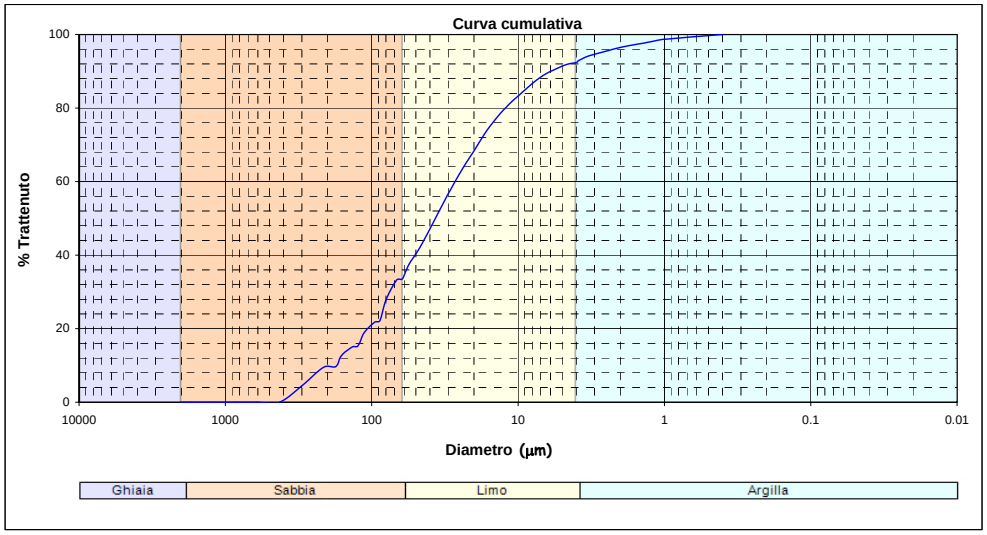
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.41%	4.41%
250	2		
250	2	5.09%	9.50%
176.78	2.5		
176.78	2.5	0.19%	9.69%
175	2.515		
175	2.515	2.99%	12.68%
147	2.766		
147	2.766	2.35%	15.03%
125	3		
125	3	0.35%	15.37%
123	3.023		
123	3.023	3.46%	18.83%
103	3.279		
103	3.279	2.94%	21.77%
88.39	3.5		
88.39	3.5	0.46%	22.23%
87	3.523		
87	3.523	5.58%	27.81%
73	3.776		
73	3.776	5.41%	33.22%
62.5	4		
62.5	4	0.32%	33.53%
61	4.035		
61	4.035	3.80%	37.34%
51	4.293		
51	4.293	4.65%	41.99%
43	4.54		
43	4.54	5.57%	47.56%
36	4.796		
36	4.796	5.97%	53.53%
30	5.059		
30	5.059	5.85%	59.38%
25	5.322		
25	5.322	5.28%	64.67%
21	5.573		
21	5.573	4.33%	69.00%
18	5.796		
18	5.796	4.66%	73.65%
15	6.059		
15	6.059	4.08%	77.73%
12.5	6.322		
12.5	6.322	3.35%	81.08%
10.5	6.573		
10.5	6.573	2.55%	83.63%
9	6.796		
9	6.796	2.60%	86.23%
7.5	7.059		
7.5	7.059	2.64%	88.87%
6	7.381		
6	7.381	1.76%	90.63%
5	7.644		
5	7.644	1.23%	91.86%
4.3	7.861		
4.3	7.861	0.52%	92.38%
4	7.966		
4	7.966	0.52%	92.91%
3.7	8.078		
3.7	8.078	1.06%	93.96%
3.1	8.334		
3.1	8.334	0.91%	94.87%
2.6	8.587		
2.6	8.587	0.77%	95.64%
2.2	8.828		
2.2	8.828	0.83%	96.47%
1.8	9.118		
1.8	9.118	0.67%	97.14%
1.5	9.381		
1.5	9.381	0.48%	97.62%
1.3	9.587		
1.3	9.587	0.52%	98.14%
1.1	9.828		
1.1	9.828	0.56%	98.69%
0.9	10.118		
< 0,900	> 10,118	1.31%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 25
Livello (cm)	(50-75)
Peso totale (g)	44.5
Frazione > 63 μm (%)	40.2
Frazione < 63 μm (%)	59.8

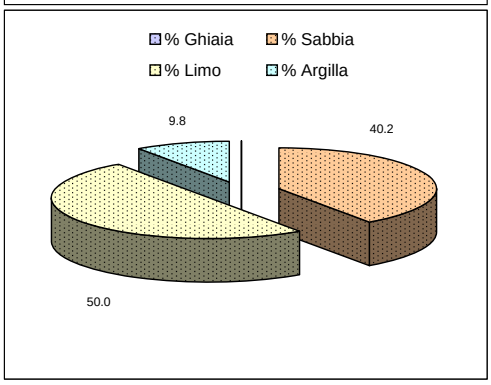
Frazione grossolana (> 63 μm) = 40.2	
% Ghiaia	% Sabbia
0.0	40.2

Frazione pelitica (< 63 μm) = 59.8	
% Limo	% Argilla
50.0	9.8

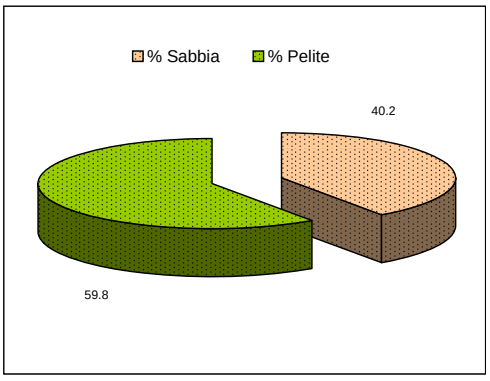
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.730
Deviazione Standard	2.413
Asimmetria (Skewness)	-0.020
Appuntimento (Kurtosis)	0.787
Mediana (Φ)	4.926
Moda (Φ)	2.000

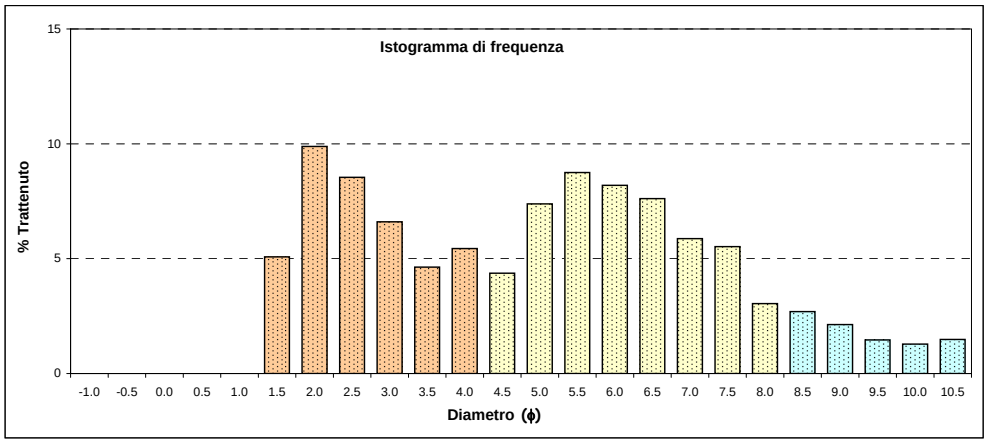
Percentili (Φ)	
5	1.491
16	2.052
25	2.599
50	4.926
75	6.461
84	7.210
95	8.907

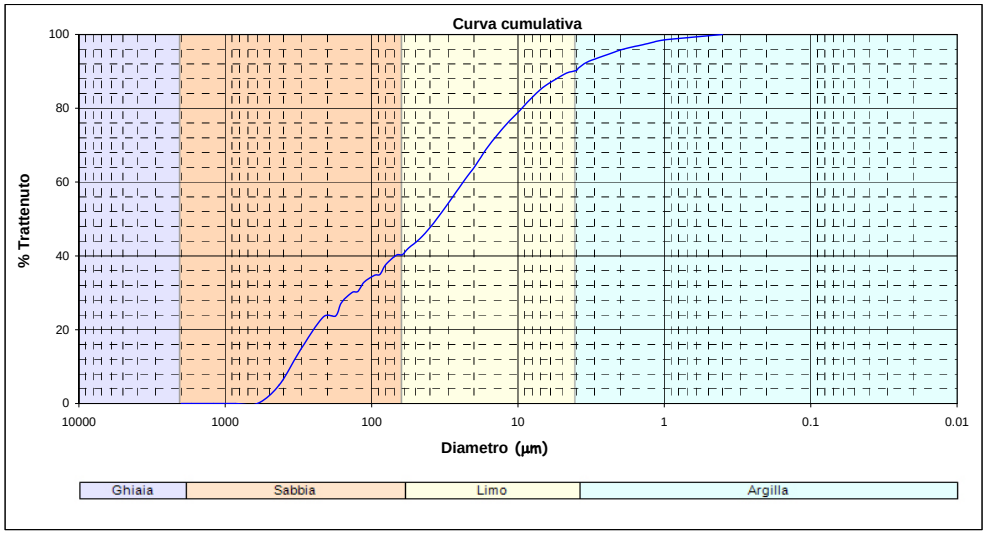
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	5.08%	5.08%
353.55	1.5		
353.55	1.5	9.89%	14.97%
250	2		
250	2	8.54%	23.51%
176.78	2.5		
176.78	2.5	0.23%	23.73%
175	2.515		
175	2.515	3.57%	27.31%
147	2.766		
147	2.766	2.81%	30.12%
125	3		
125	3	0.25%	30.36%
123	3.023		
123	3.023	2.47%	32.83%
103	3.279		
103	3.279	1.92%	34.75%
88.39	3.5		
88.39	3.5	0.23%	34.98%
87	3.523		
87	3.523	2.66%	37.64%
73	3.776		
73	3.776	2.55%	40.19%
62.5	4		
62.5	4	0.13%	40.32%
61	4.035		
61	4.035	1.77%	42.09%
51	4.293		
51	4.293	2.47%	44.56%
43	4.54		
43	4.54	3.35%	47.90%
36	4.796		
36	4.796	4.04%	51.95%
30	5.059		
30	5.059	4.41%	56.35%
25	5.322		
25	5.322	4.34%	60.70%
21	5.573		
21	5.573	3.81%	64.51%
18	5.796		
18	5.796	4.38%	68.89%
15	6.059		
15	6.059	4.08%	72.96%
12.5	6.322		
12.5	6.322	3.54%	76.50%
10.5	6.573		
10.5	6.573	2.83%	79.33%
9	6.796		
9	6.796	3.04%	82.38%
7.5	7.059		
7.5	7.059	3.26%	85.63%
6	7.381		
6	7.381	2.27%	87.90%
5	7.644		
5	7.644	1.63%	89.53%
4.3	7.861		
4.3	7.861	0.71%	90.24%
4	7.966		
4	7.966	0.71%	90.95%
3.7	8.078		
3.7	8.078	1.45%	92.40%
3.1	8.334		
3.1	8.334	1.25%	93.64%
2.6	8.587		
2.6	8.587	1.04%	94.68%
2.2	8.828		
2.2	8.828	1.09%	95.77%
1.8	9.118		
1.8	9.118	0.86%	96.63%
1.5	9.381		
1.5	9.381	0.60%	97.23%
1.3	9.587		
1.3	9.587	0.63%	97.86%
1.1	9.828		
1.1	9.828	0.66%	98.52%
0.9	10.118		
< 0,900	> 10,118	1.48%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 25
Livello (cm)	(75-100)
Peso totale (g)	115.5
Frazione > 63 μm (%)	28.2
Frazione < 63 μm (%)	71.8

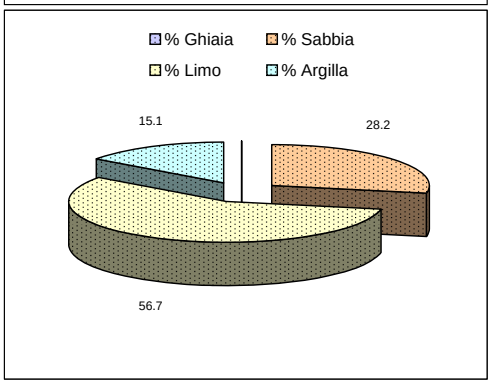
Frazione grossolana (> 63 μm) = 28.2	
% Ghiaia	% Sabbia
0.0	28.2

Frazione pelitica (< 63 μm) = 71.8	
% Limo	% Argilla
56.7	15.1

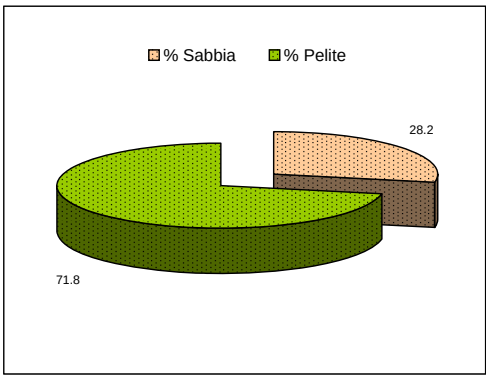
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.254
Deviazione Standard	2.603
Asimmetria (Skewness)	-0.136
Appuntimento (Kurtosis)	0.837
Mediana (Φ)	5.664
Moda (Φ)	6.000

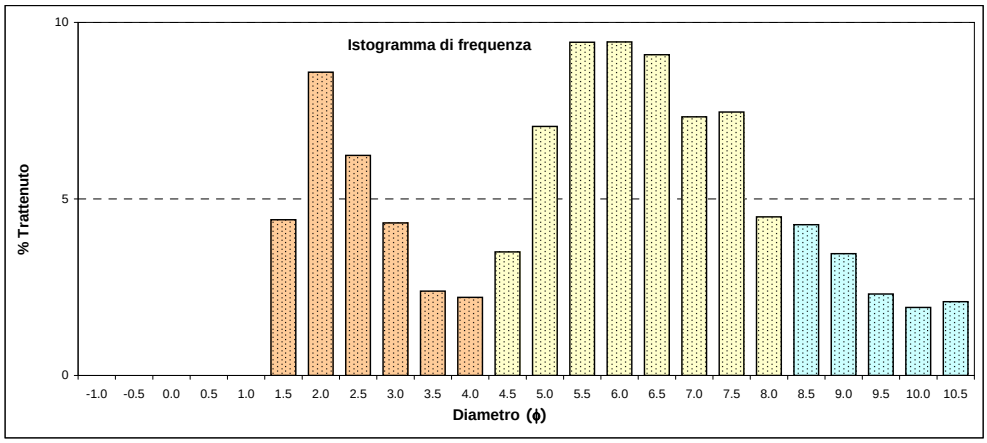
Percentili (Φ)	
5	1.529
16	2.219
25	3.289
50	5.664
75	7.127
84	7.879
95	9.371

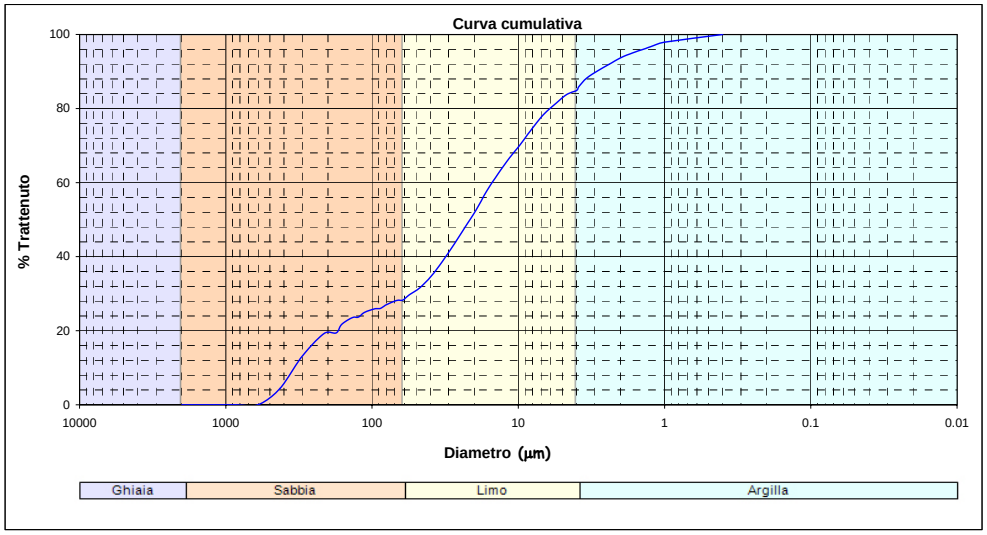
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	4.41%	4.41%
353.55	1.5		
353.55	1.5	8.59%	13.00%
250	2		
250	2	6.23%	19.23%
176.78	2.5		
176.78	2.5	0.15%	19.38%
175	2.515		
175	2.515	2.34%	21.72%
147	2.766		
147	2.766	1.84%	23.56%
125	3		
125	3	0.13%	23.68%
123	3.023		
123	3.023	1.27%	24.95%
103	3.279		
103	3.279	0.99%	25.95%
88.39	3.5		
88.39	3.5	0.08%	26.02%
87	3.523		
87	3.523	0.99%	27.01%
73	3.776		
73	3.776	1.14%	28.16%
62.5	4		
62.5	4	0.09%	28.24%
61	4.035		
61	4.035	1.35%	29.59%
51	4.293		
51	4.293	2.06%	31.65%
43	4.54		
43	4.54	3.06%	34.71%
36	4.796		
36	4.796	3.99%	38.71%
30	5.059		
30	5.059	4.64%	43.35%
25	5.322		
25	5.322	4.80%	48.14%
21	5.573		
21	5.573	4.35%	52.49%
18	5.796		
18	5.796	5.10%	57.59%
15	6.059		
15	6.059	4.83%	62.42%
12.5	6.322		
12.5	6.322	4.26%	66.68%
10.5	6.573		
10.5	6.573	3.48%	70.15%
9	6.796		
9	6.796	3.85%	74.00%
7.5	7.059		
7.5	7.059	4.32%	78.32%
6	7.381		
6	7.381	3.15%	81.47%
5	7.644		
5	7.644	2.35%	83.82%
4.3	7.861		
4.3	7.861	1.07%	84.89%
4	7.966		
4	7.966	1.07%	85.96%
3.7	8.078		
3.7	8.078	2.27%	88.23%
3.1	8.334		
3.1	8.334	2.00%	90.23%
2.6	8.587		
2.6	8.587	1.68%	91.91%
2.2	8.828		
2.2	8.828	1.76%	93.68%
1.8	9.118		
1.8	9.118	1.37%	95.05%
1.5	9.381		
1.5	9.381	0.94%	95.98%
1.3	9.587		
1.3	9.587	0.96%	96.94%
1.1	9.828		
1.1	9.828	0.97%	97.91%
0.9	10.118		
< 0,900	> 10,118	2.09%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 26
Livello (cm)	(0-25)
Peso totale (g)	27.6
Frazione > 63 μm (%)	38.9
Frazione < 63 μm (%)	61.1

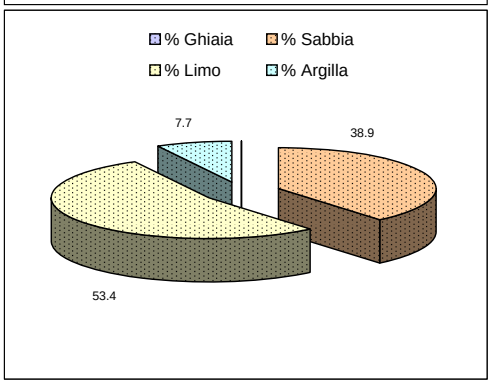
Frazione grossolana (> 63 μm) = 38.9	
% Ghiaia	% Sabbia
0.0	38.9

Frazione pelitica (< 63 μm) = 61.1	
% Limo	% Argilla
53.4	7.7

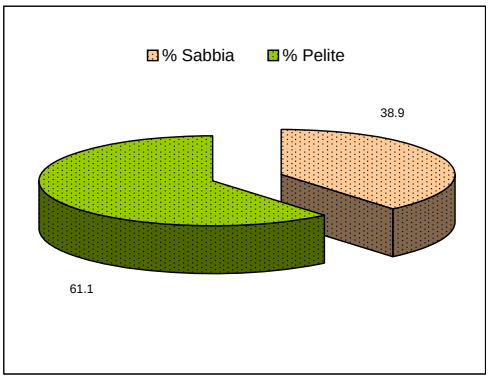
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.700
Deviazione Standard	2.187
Asimmetria (Skewness)	-0.066
Appuntimento (Kurtosis)	0.843
Mediana (Φ)	4.971
Moda (Φ)	5.500

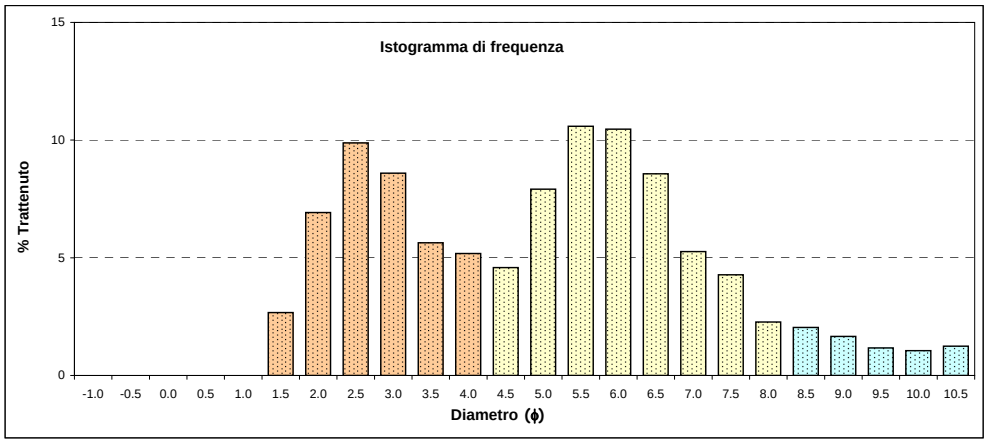
Percentili (Φ)	
5	1.650
16	2.304
25	2.804
50	4.971
75	6.192
84	6.824
95	8.623

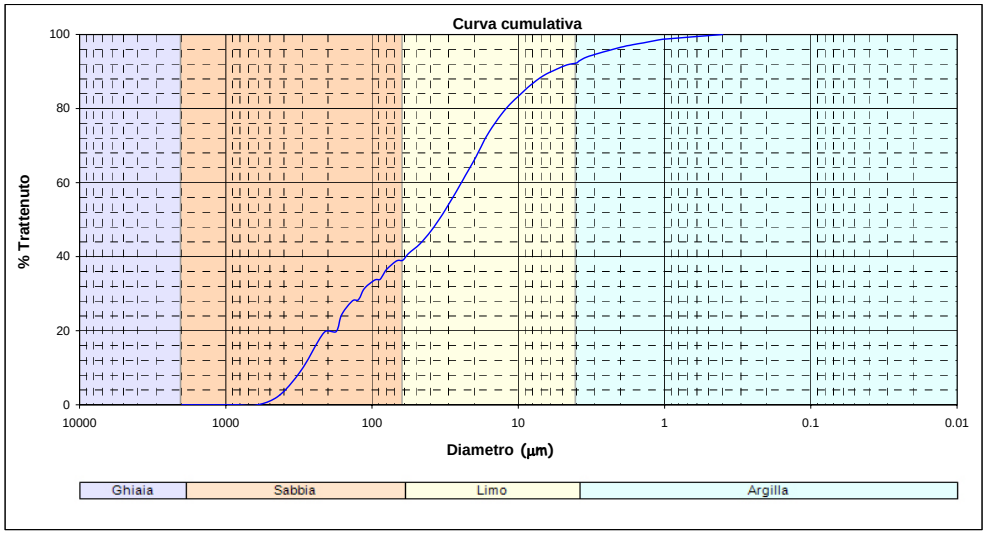
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	2.67%	2.67%
353.55	1.5		
353.55	1.5	6.92%	9.59%
250	2		
250	2	9.88%	19.47%
176.78	2.5		
176.78	2.5	0.29%	19.76%
175	2.515		
175	2.515	4.59%	24.36%
147	2.766		
147	2.766	3.72%	28.07%
125	3		
125	3	0.29%	28.36%
123	3.023		
123	3.023	3.00%	31.36%
103	3.279		
103	3.279	2.35%	33.71%
88.39	3.5		
88.39	3.5	0.22%	33.93%
87	3.523		
87	3.523	2.53%	36.46%
73	3.776		
73	3.776	2.44%	38.89%
62.5	4		
62.5	4	0.15%	39.04%
61	4.035		
61	4.035	1.89%	40.93%
51	4.293		
51	4.293	2.55%	43.48%
43	4.54		
43	4.54	3.49%	46.97%
36	4.796		
36	4.796	4.42%	51.40%
30	5.059		
30	5.059	5.17%	56.56%
25	5.322		
25	5.322	5.42%	61.99%
21	5.573		
21	5.573	4.91%	66.90%
18	5.796		
18	5.796	5.55%	72.45%
15	6.059		
15	6.059	4.81%	77.26%
12.5	6.322		
12.5	6.322	3.75%	81.02%
10.5	6.573		
10.5	6.573	2.68%	83.70%
9	6.796		
9	6.796	2.58%	86.28%
7.5	7.059		
7.5	7.059	2.56%	88.84%
6	7.381		
6	7.381	1.72%	90.56%
5	7.644		
5	7.644	1.21%	91.77%
4.3	7.861		
4.3	7.861	0.53%	92.30%
4	7.966		
4	7.966	0.53%	92.83%
3.7	8.078		
3.7	8.078	1.09%	93.92%
3.1	8.334		
3.1	8.334	0.95%	94.87%
2.6	8.587		
2.6	8.587	0.80%	95.68%
2.2	8.828		
2.2	8.828	0.86%	96.53%
1.8	9.118		
1.8	9.118	0.69%	97.22%
1.5	9.381		
1.5	9.381	0.48%	97.70%
1.3	9.587		
1.3	9.587	0.51%	98.21%
1.1	9.828		
1.1	9.828	0.54%	98.76%
0.9	10.118		
< 0,900	> 10,118	1.24%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 26**
Livello (cm)	**(25-50)**
Peso totale (g)	49.8
Frazione > 63 μm (%)	41.4
Frazione < 63 μm (%)	58.6

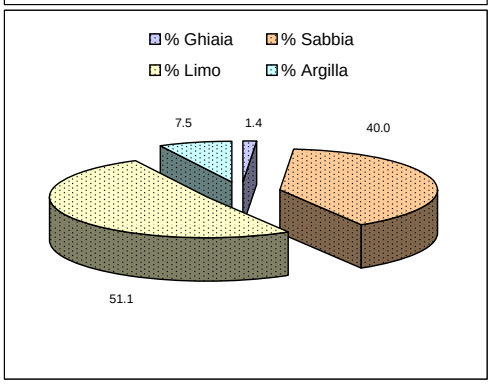
Frazione grossolana (> 63 μm) = 41.4	
% Ghiaia	**% Sabbia**
1.4	**40.0**

Frazione pelitica (< 63 μm) = 58.6	
% Limo	**% Argilla**
51.1	**7.5**

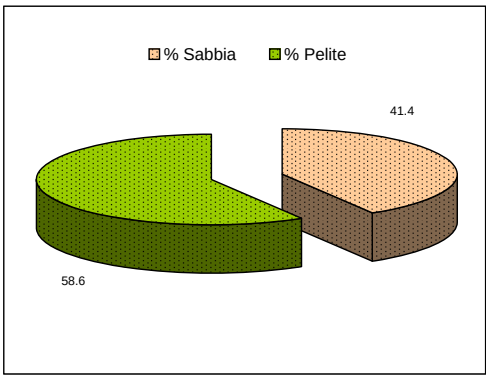
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.434
Deviazione Standard	2.535
Asimmetria (Skewness)	-0.152
Appuntimento (Kurtosis)	0.920
Mediana (Φ)	4.793
Moda (Φ)	5.500

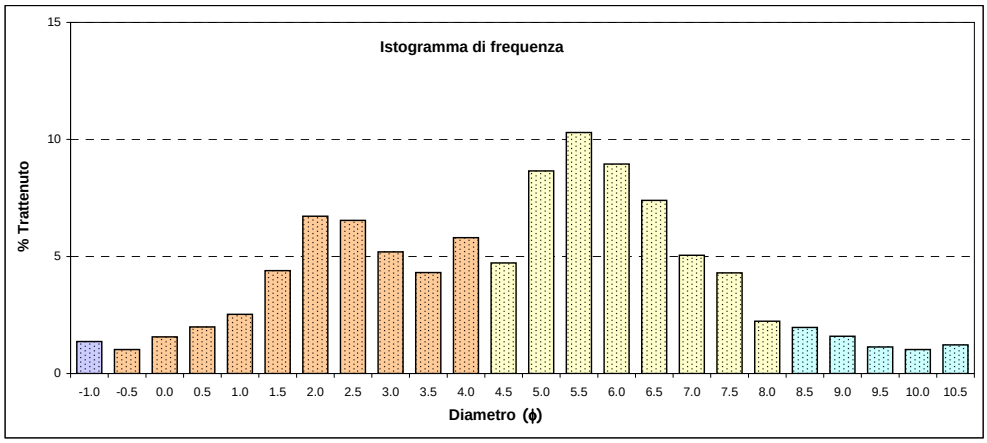
Percentili (Φ)	
5	0.242
16	1.712
25	2.400
50	4.793
75	6.115
84	6.798
95	8.581

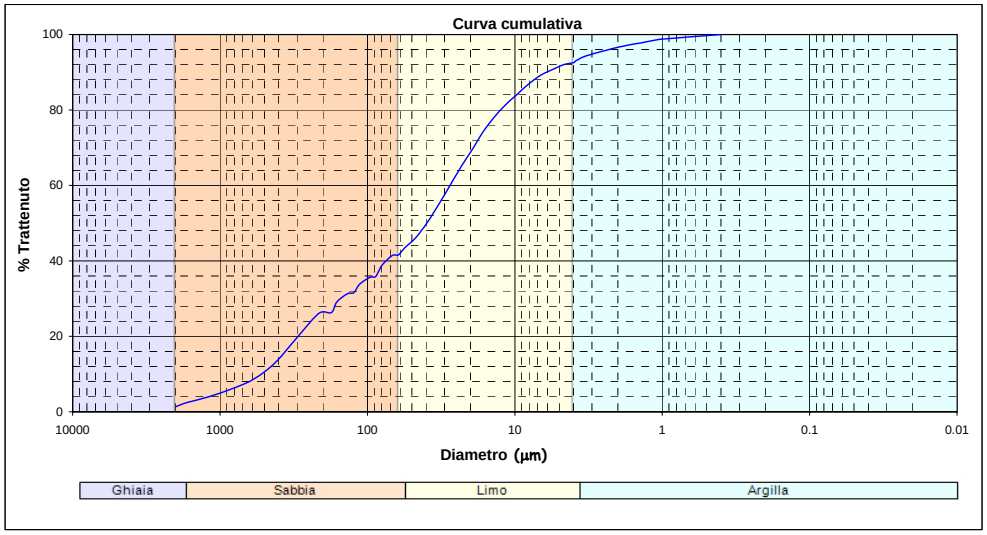
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSO
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	1.37%	1.37%
2000	-1	1.02%	2.39%
1414.21	-0.5		
1414.21	-0.5	1.57%	3.95%
1000	0		
1000	0	1.99%	5.94%
707.11	0.5		
707.11	0.5	2.53%	8.47%
500	1		
500	1	4.40%	12.87%
353.55	1.5		
353.55	1.5	6.72%	19.59%
250	2		
250	2	6.54%	26.13%
176.78	2.5		
176.78	2.5	0.18%	26.31%
175	2.515		
175	2.515	2.81%	29.12%
147	2.766		
147	2.766	2.21%	31.33%
125	3		
125	3	0.23%	31.56%
123	3.023		
123	3.023	2.30%	33.86%
103	3.279		
103	3.279	1.78%	35.65%
88.39	3.5		
88.39	3.5	0.25%	35.90%
87	3.523		
87	3.523	2.85%	38.75%
73	3.776		
73	3.776	2.70%	41.45%
62.5	4		
62.5	4	0.12%	41.57%
61	4.035		
61	4.035	1.86%	43.43%
51	4.293		
51	4.293	2.74%	46.17%
43	4.54		
43	4.54	3.87%	50.04%
36	4.796		
36	4.796	4.79%	54.83%
30	5.059		
30	5.059	5.23%	60.06%
25	5.322		
25	5.322	5.06%	65.12%
21	5.573		
21	5.573	4.29%	69.41%
18	5.796		
18	5.796	4.66%	74.07%
15	6.059		
15	6.059	4.07%	78.15%
12.5	6.322		
12.5	6.322	3.32%	81.47%
10.5	6.573		
10.5	6.573	2.51%	83.98%
9	6.796		
9	6.796	2.54%	86.52%
7.5	7.059		
7.5	7.059	2.58%	89.09%
6	7.381		
6	7.381	1.72%	90.82%
5	7.644		
5	7.644	1.20%	92.02%
4.3	7.861		
4.3	7.861	0.52%	92.54%
4	7.966		
4	7.966	0.52%	93.05%
3.7	8.078		
3.7	8.078	1.05%	94.11%
3.1	8.334		
3.1	8.334	0.91%	95.02%
2.6	8.587		
2.6	8.587	0.77%	95.79%
2.2	8.828		
2.2	8.828	0.82%	96.62%
1.8	9.118		
1.8	9.118	0.66%	97.28%
1.5	9.381		
1.5	9.381	0.47%	97.75%
1.3	9.587		
1.3	9.587	0.50%	98.25%
1.1	9.828		
1.1	9.828	0.53%	98.78%
0.9	10.118		
< 0,900	> 10,118	1.22%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 26**
Livello (cm)	**(50-75)**
Peso totale (g)	34.7
Frazione > 63 μm (%)	25.7
Frazione < 63 μm (%)	74.3

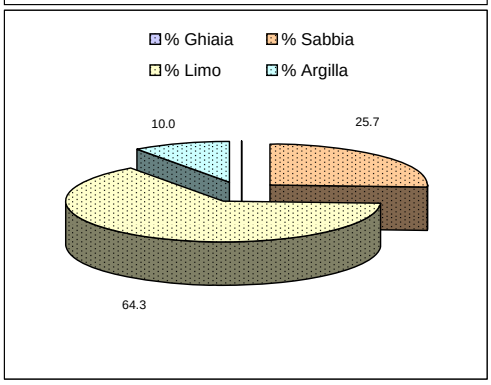
Frazione grossolana (> 63 μm) = 25.7	
% Ghiaia	**% Sabbia**
0.0	**25.7**

Frazione pelitica (< 63 μm) = 74.3	
% Limo	**% Argilla**
64.3	**10.0**

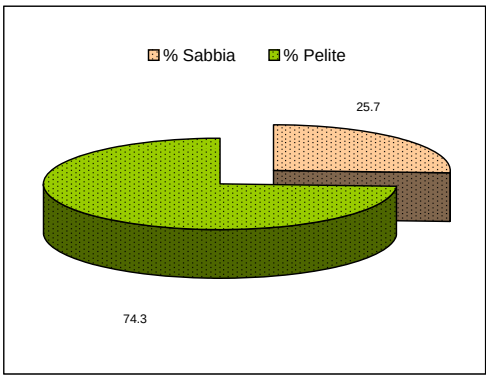
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.287
Deviazione Standard	2.101
Asimmetria (Skewness)	-0.077
Appuntimento (Kurtosis)	1.066
Mediana (Φ)	5.490
Moda (Φ)	5.500

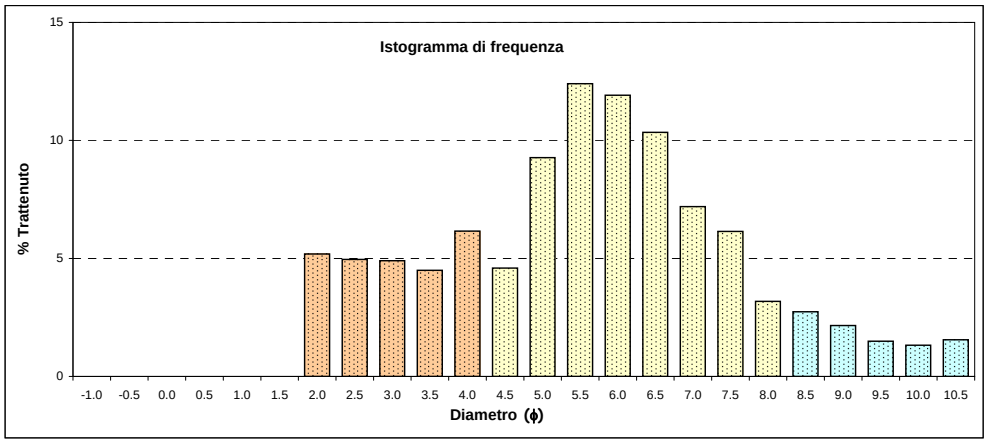
Percentili (Φ)	
5	1.978
16	3.095
25	3.940
50	5.490
75	6.619
84	7.276
95	8.944

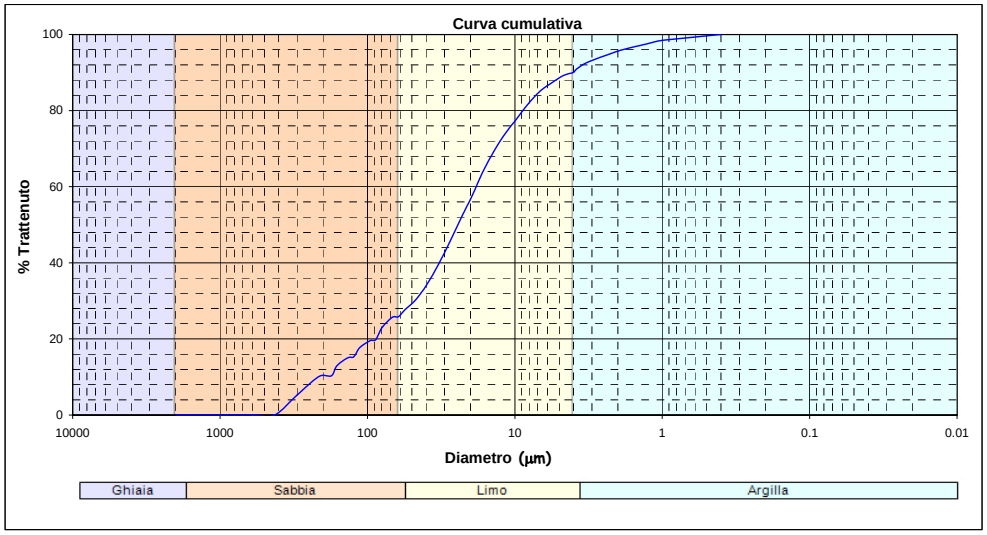
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	5.19%	5.19%
250	2		
250	2	4.96%	10.15%
176.78	2.5		
176.78	2.5	0.17%	10.32%
175	2.515		
175	2.515	2.65%	12.97%
147	2.766		
147	2.766	2.08%	15.05%
125	3		
125	3	0.23%	15.29%
123	3.023		
123	3.023	2.40%	17.69%
103	3.279		
103	3.279	1.86%	19.55%
88.39	3.5		
88.39	3.5	0.28%	19.83%
87	3.523		
87	3.523	3.07%	22.90%
73	3.776		
73	3.776	2.81%	25.71%
62.5	4		
62.5	4	0.12%	25.82%
61	4.035		
61	4.035	1.77%	27.59%
51	4.293		
51	4.293	2.71%	30.30%
43	4.54		
43	4.54	4.01%	34.31%
36	4.796		
36	4.796	5.26%	39.57%
30	5.059		
30	5.059	6.12%	45.69%
25	5.322		
25	5.322	6.29%	51.98%
21	5.573		
21	5.573	5.59%	57.57%
18	5.796		
18	5.796	6.32%	63.89%
15	6.059		
15	6.059	5.66%	69.55%
12.5	6.322		
12.5	6.322	4.68%	74.23%
10.5	6.573		
10.5	6.573	3.56%	77.79%
9	6.796		
9	6.796	3.63%	81.42%
7.5	7.059		
7.5	7.059	3.69%	85.11%
6	7.381		
6	7.381	2.46%	87.57%
5	7.644		
5	7.644	1.71%	89.28%
4.3	7.861		
4.3	7.861	0.73%	90.01%
4	7.966		
4	7.966	0.73%	90.74%
3.7	8.078		
3.7	8.078	1.48%	92.22%
3.1	8.334		
3.1	8.334	1.26%	93.48%
2.6	8.587		
2.6	8.587	1.05%	94.53%
2.2	8.828		
2.2	8.828	1.10%	95.64%
1.8	9.118		
1.8	9.118	0.88%	96.51%
1.5	9.381		
1.5	9.381	0.61%	97.12%
1.3	9.587		
1.3	9.587	0.64%	97.77%
1.1	9.828		
1.1	9.828	0.68%	98.45%
0.9	10.118		
< 0,900	> 10,118	1.55%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 26
Livello (cm)	(75-100)
Peso totale (g)	42.8
Frazione > 63 μm (%)	19.7
Frazione < 63 μm (%)	80.3

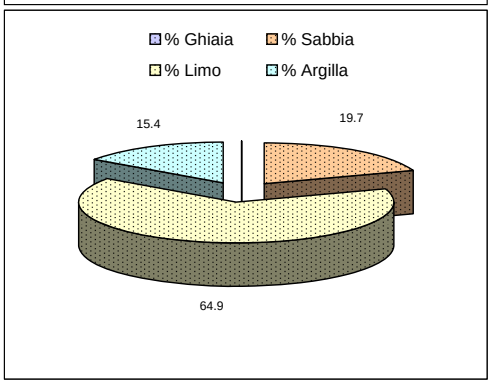
Frazione grossolana (> 63 μm) = 19.7	
% Ghiaia	% Sabbia
0.0	19.7

Frazione pelitica (< 63 μm) = 80.3	
% Limo	% Argilla
64.9	15.4

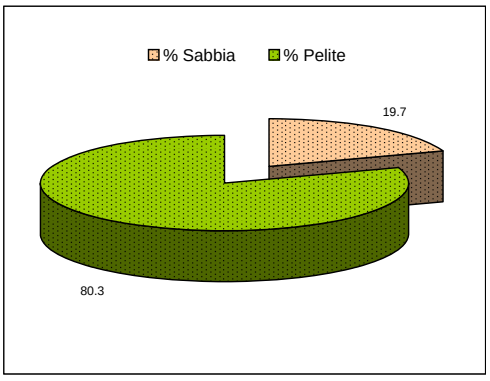
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.870
Deviazione Standard	2.107
Asimmetria (Skewness)	-0.076
Appuntimento (Kurtosis)	1.162
Mediana (Φ)	6.045
Moda (Φ)	6.500

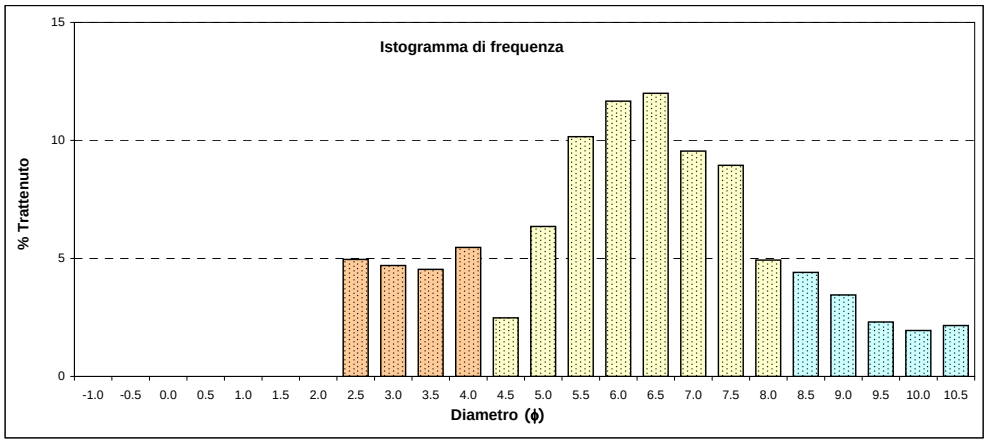
Percentili (Φ)	
5	2.504
16	3.654
25	4.812
50	6.045
75	7.241
84	7.911
95	9.389

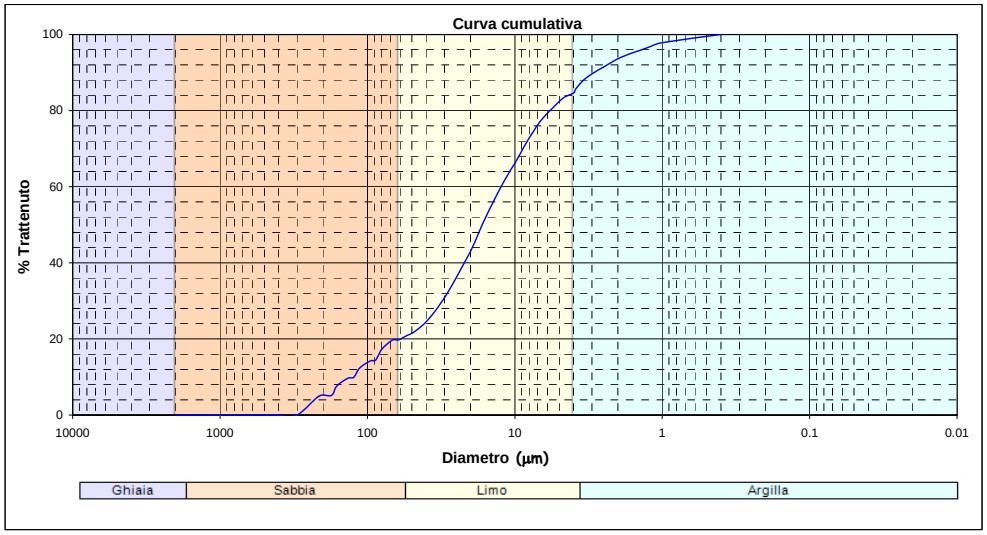
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	4.96%	4.96%
176.78	2.5		
176.78	2.5	0.16%	5.12%
175	2.515		
175	2.515	2.54%	7.66%
147	2.766		
147	2.766	2.00%	9.66%
125	3		
125	3	0.25%	9.91%
123	3.023		
123	3.023	2.47%	12.37%
103	3.279		
103	3.279	1.83%	14.20%
88.39	3.5		
88.39	3.5	0.27%	14.47%
87	3.523		
87	3.523	2.84%	17.30%
73	3.776		
73	3.776	2.36%	19.66%
62.5	4		
62.5	4	0.05%	19.71%
61	4.035		
61	4.035	0.87%	20.58%
51	4.293		
51	4.293	1.56%	22.14%
43	4.54		
43	4.54	2.60%	24.74%
36	4.796		
36	4.796	3.76%	28.50%
30	5.059		
30	5.059	4.78%	33.28%
25	5.322		
25	5.322	5.37%	38.65%
21	5.573		
21	5.573	5.20%	43.86%
18	5.796		
18	5.796	6.46%	50.32%
15	6.059		
15	6.059	6.33%	56.65%
12.5	6.322		
12.5	6.322	5.66%	62.32%
10.5	6.573		
10.5	6.573	4.60%	66.91%
9	6.796		
9	6.796	4.95%	71.86%
7.5	7.059		
7.5	7.059	5.28%	77.14%
6	7.381		
6	7.381	3.67%	80.81%
5	7.644		
5	7.644	2.63%	83.44%
4.3	7.861		
4.3	7.861	1.15%	84.59%
4	7.966		
4	7.966	1.15%	85.74%
3.7	8.078		
3.7	8.078	2.37%	88.11%
3.1	8.334		
3.1	8.334	2.04%	90.15%
2.6	8.587		
2.6	8.587	1.69%	91.84%
2.2	8.828		
2.2	8.828	1.76%	93.60%
1.8	9.118		
1.8	9.118	1.37%	94.96%
1.5	9.381		
1.5	9.381	0.94%	95.90%
1.3	9.587		
1.3	9.587	0.96%	96.86%
1.1	9.828		
1.1	9.828	0.99%	97.85%
0.9	10.118		
< 0,900	> 10,118	2.15%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 26
Livello (cm)	(100-125)
Peso totale (g)	26.5
Frazione > 63 μm (%)	17.4
Frazione < 63 μm (%)	82.6

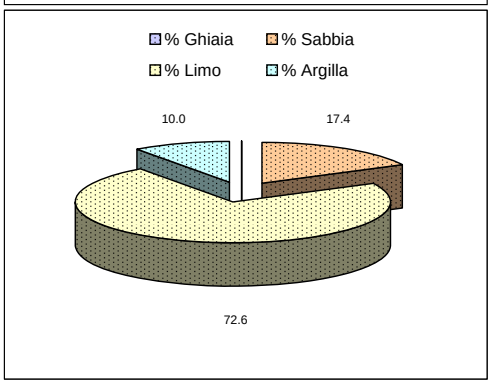
Frazione grossolana (> 63 μm) = 17.4	
% Ghiaia	% Sabbia
0.0	17.4

Frazione pelitica (< 63 μm) = 82.6	
% Limo	% Argilla
72.6	10.0

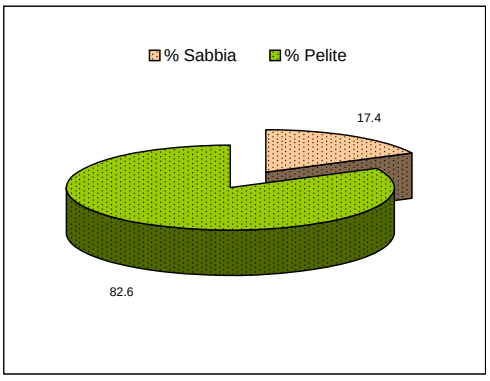
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.555
Deviazione Standard	1.756
Asimmetria (Skewness)	0.104
Appuntimento (Kurtosis)	1.169
Mediana (Φ)	5.472
Moda (Φ)	5.500

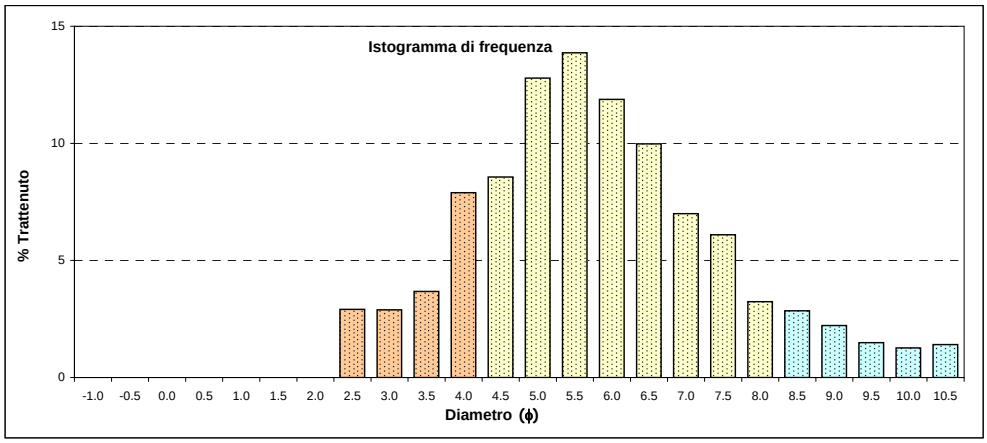
Percentili (Φ)	
5	2.851
16	3.917
25	4.487
50	5.472
75	6.607
84	7.278
95	8.897

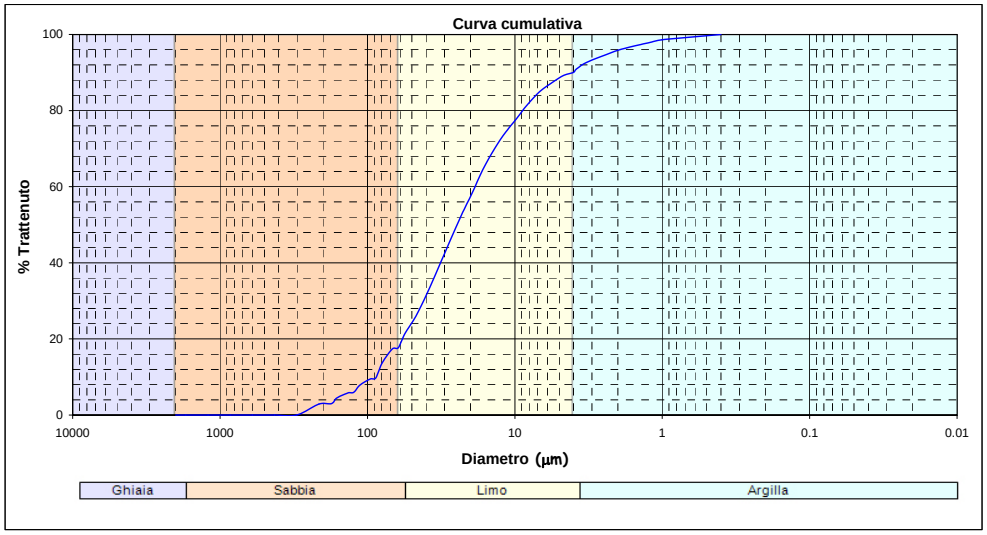
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.91%	2.91%
176.78	2.5		
176.78	2.5	0.09%	3.00%
175	2.515		
175	2.515	1.50%	4.51%
147	2.766		
147	2.766	1.29%	5.80%
125	3		
125	3	0.17%	5.97%
123	3.023		
123	3.023	1.86%	7.82%
103	3.279		
103	3.279	1.65%	9.48%
88.39	3.5		
88.39	3.5	0.30%	9.77%
87	3.523		
87	3.523	3.71%	13.48%
73	3.776		
73	3.776	3.88%	17.37%
62.5	4		
62.5	4	0.29%	17.65%
61	4.035		
61	4.035	3.61%	21.26%
51	4.293		
51	4.293	4.67%	25.93%
43	4.54		
43	4.54	5.95%	31.89%
36	4.796		
36	4.796	6.83%	38.72%
30	5.059		
30	5.059	7.13%	45.84%
25	5.322		
25	5.322	6.74%	52.59%
21	5.573		
21	5.573	5.68%	58.26%
18	5.796		
18	5.796	6.20%	64.46%
15	6.059		
15	6.059	5.47%	69.93%
12.5	6.322		
12.5	6.322	4.51%	74.44%
10.5	6.573		
10.5	6.573	3.46%	77.90%
9	6.796		
9	6.796	3.54%	81.44%
7.5	7.059		
7.5	7.059	3.64%	85.08%
6	7.381		
6	7.381	2.46%	87.54%
5	7.644		
5	7.644	1.73%	89.27%
4.3	7.861		
4.3	7.861	0.75%	90.02%
4	7.966		
4	7.966	0.75%	90.77%
3.7	8.078		
3.7	8.078	1.53%	92.31%
3.1	8.334		
3.1	8.334	1.32%	93.62%
2.6	8.587		
2.6	8.587	1.09%	94.71%
2.2	8.828		
2.2	8.828	1.13%	95.84%
1.8	9.118		
1.8	9.118	0.88%	96.73%
1.5	9.381		
1.5	9.381	0.61%	97.33%
1.3	9.587		
1.3	9.587	0.62%	97.95%
1.1	9.828		
1.1	9.828	0.64%	98.59%
0.9	10.118		
< 0,900	> 10,118	1.41%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 26
Livello (cm)	(125-150)
Peso totale (g)	62.0
Frazione > 63 µm (%)	52.4
Frazione < 63 µm (%)	47.6

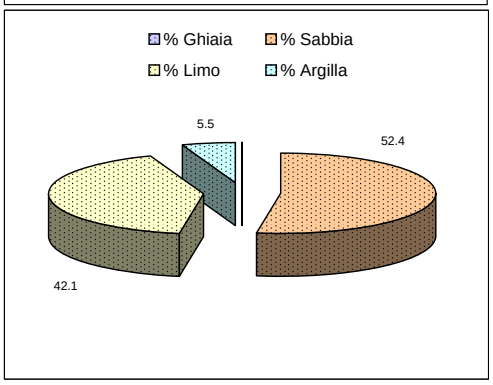
Frazione grossolana (> 63 µm) = 52.4	
% Ghiaia	% Sabbia
0.0	52.4

Frazione pelitica (< 63 µm) = 47.6	
% Limo	% Argilla
42.1	5.5

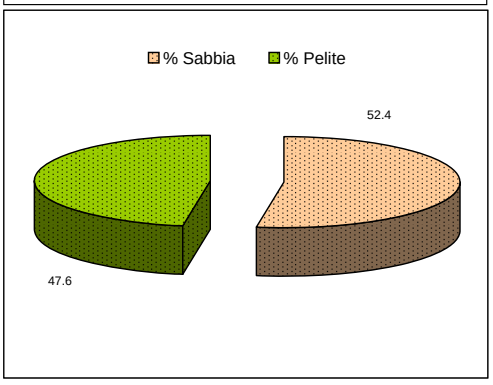
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.164
Deviazione Standard	1.988
Asimmetria (Skewness)	0.232
Appuntimento (Kurtosis)	1.021
Mediana (Φ)	3.911
Moda (Φ)	4.000

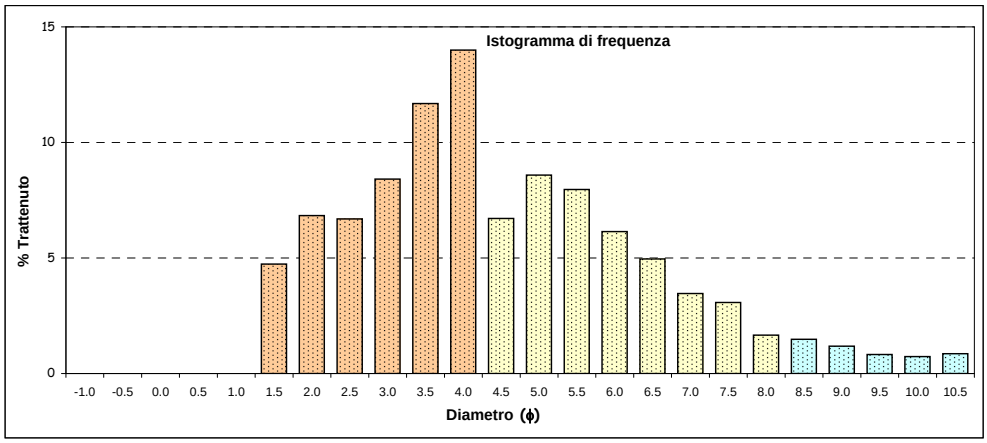
Percentili (Φ)	
5	1.516
16	2.310
25	2.885
50	3.911
75	5.528
84	6.270
95	8.102

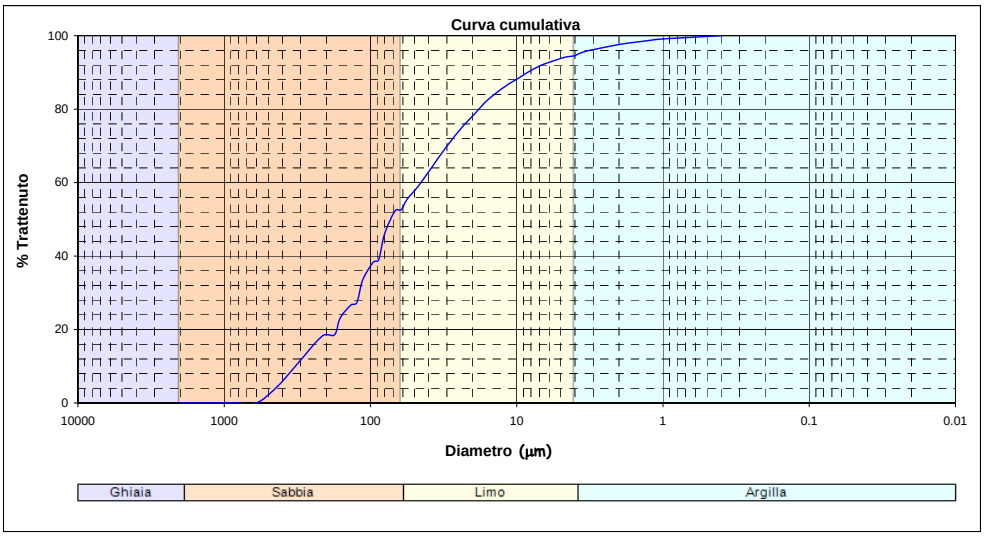
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	4.74%	4.74%
353.55	1.5		
353.55	1.5	6.84%	11.58%
250	2		
250	2	6.69%	18.27%
176.78	2.5		
176.78	2.5	0.29%	18.56%
175	2.515		
175	2.515	4.55%	23.11%
147	2.766		
147	2.766	3.58%	26.68%
125	3		
125	3	0.61%	27.29%
123	3.023		
123	3.023	6.22%	33.51%
103	3.279		
103	3.279	4.85%	38.37%
88.39	3.5		
88.39	3.5	0.64%	39.00%
87	3.523		
87	3.523	7.11%	46.11%
73	3.776		
73	3.776	6.25%	52.36%
62.5	4		
62.5	4	0.25%	52.61%
61	4.035		
61	4.035	2.92%	55.53%
51	4.293		
51	4.293	3.54%	59.07%
43	4.54		
43	4.54	4.18%	63.25%
36	4.796		
36	4.796	4.41%	67.66%
30	5.059		
30	5.059	4.23%	71.89%
25	5.322		
25	5.322	3.73%	75.62%
21	5.573		
21	5.573	2.99%	78.61%
18	5.796		
18	5.796	3.15%	81.77%
15	6.059		
15	6.059	2.73%	84.50%
12.5	6.322		
12.5	6.322	2.23%	86.72%
10.5	6.573		
10.5	6.573	1.70%	88.43%
9	6.796		
9	6.796	1.76%	90.18%
7.5	7.059		
7.5	7.059	1.83%	92.01%
6	7.381		
6	7.381	1.25%	93.26%
5	7.644		
5	7.644	0.89%	94.15%
4.3	7.861		
4.3	7.861	0.39%	94.53%
4	7.966		
4	7.966	0.39%	94.92%
3.7	8.078		
3.7	8.078	0.79%	95.71%
3.1	8.334		
3.1	8.334	0.69%	96.40%
2.6	8.587		
2.6	8.587	0.58%	96.98%
2.2	8.828		
2.2	8.828	0.61%	97.59%
1.8	9.118		
1.8	9.118	0.49%	98.07%
1.5	9.381		
1.5	9.381	0.34%	98.41%
1.3	9.587		
1.3	9.587	0.36%	98.77%
1.1	9.828		
1.1	9.828	0.38%	99.14%
0.9	10.118		
< 0,900	> 10,118	0.86%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 26**
Livello (cm)	**(150-175)**
Peso totale (g)	78.7
Frazione > 63 μm (%)	71.4
Frazione < 63 μm (%)	28.6

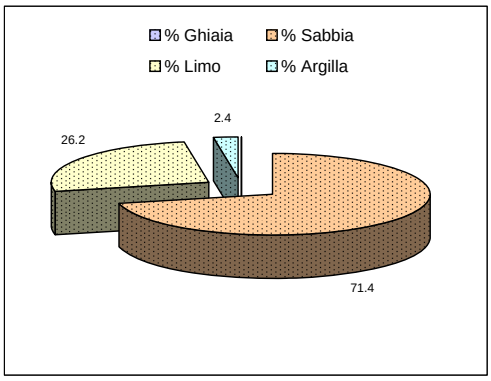
Frazione grossolana (> 63 μm) = 71.4	
% Ghiaia	**% Sabbia**
0.0	**71.4**

Frazione pelitica (< 63 μm) = 28.6	
% Limo	**% Argilla**
26.2	**2.4**

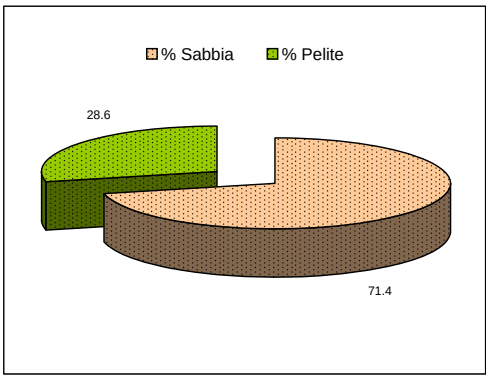
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.529
Deviazione Standard	1.509
Asimmetria (Skewness)	0.237
Appuntimento (Kurtosis)	1.247
Mediana (Φ)	3.363
Moda (Φ)	4.000

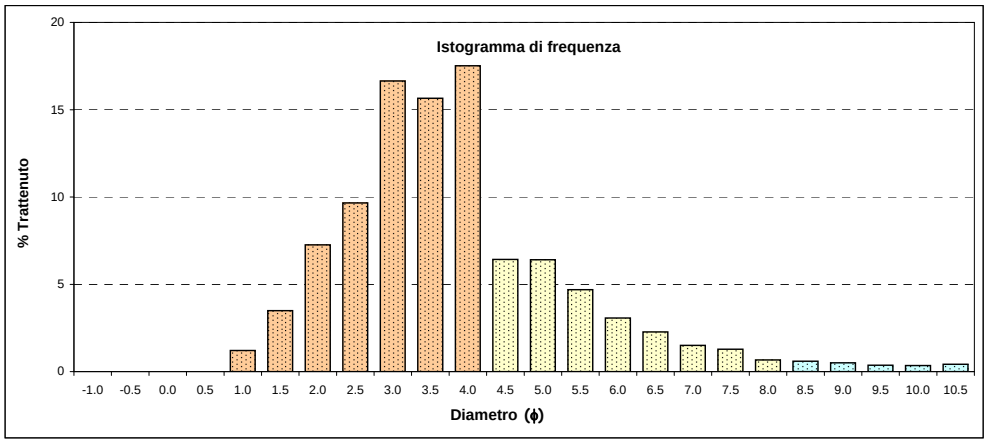
Percentili (Φ)	
5	1.517
16	2.189
25	2.589
50	3.363
75	4.317
84	5.034
95	6.779

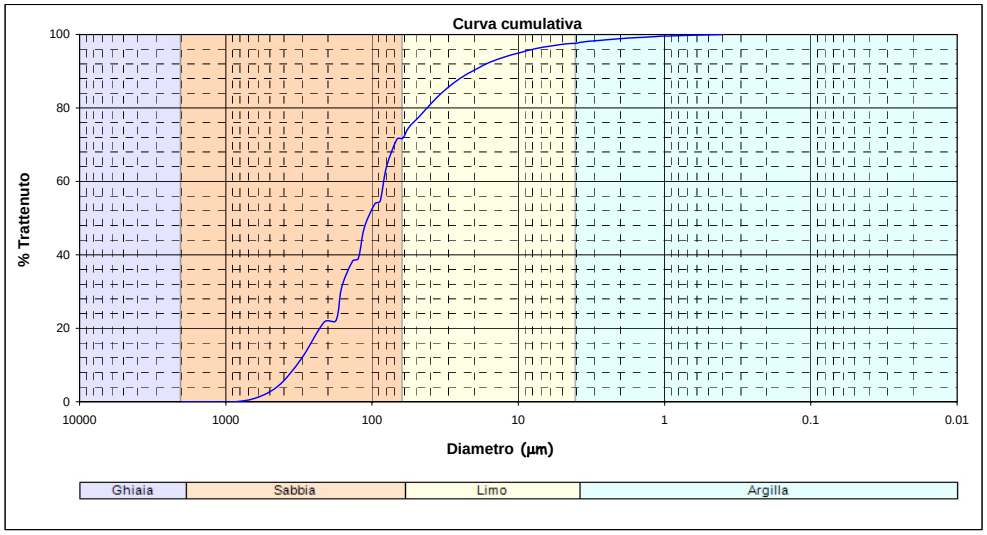
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.21%	1.21%
500	1		
500	1	3.50%	4.70%
353.55	1.5		
353.55	1.5	7.26%	11.96%
250	2		
250	2	9.66%	21.62%
176.78	2.5		
176.78	2.5	0.57%	22.19%
175	2.515		
175	2.515	9.00%	31.19%
147	2.766		
147	2.766	7.07%	38.27%
125	3		
125	3	0.82%	39.09%
123	3.023		
123	3.023	8.34%	47.43%
103	3.279		
103	3.279	6.49%	53.92%
88.39	3.5		
88.39	3.5	0.81%	54.73%
87	3.523		
87	3.523	8.99%	63.72%
73	3.776		
73	3.776	7.71%	71.43%
62.5	4		
62.5	4	0.28%	71.71%
61	4.035		
61	4.035	2.96%	74.66%
51	4.293		
51	4.293	3.19%	77.85%
43	4.54		
43	4.54	3.33%	81.18%
36	4.796		
36	4.796	3.08%	84.26%
30	5.059		
30	5.059	2.62%	86.88%
25	5.322		
25	5.322	2.08%	88.96%
21	5.573		
21	5.573	1.54%	90.50%
18	5.796		
18	5.796	1.53%	92.03%
15	6.059		
15	6.059	1.27%	93.30%
12.5	6.322		
12.5	6.322	1.00%	94.30%
10.5	6.573		
10.5	6.573	0.75%	95.05%
9	6.796		
9	6.796	0.76%	95.81%
7.5	7.059		
7.5	7.059	0.77%	96.58%
6	7.381		
6	7.381	0.52%	97.09%
5	7.644		
5	7.644	0.36%	97.45%
4.3	7.861		
4.3	7.861	0.16%	97.61%
4	7.966		
4	7.966	0.16%	97.76%
3.7	8.078		
3.7	8.078	0.32%	98.08%
3.1	8.334		
3.1	8.334	0.28%	98.36%
2.6	8.587		
2.6	8.587	0.24%	98.60%
2.2	8.828		
2.2	8.828	0.26%	98.86%
1.8	9.118		
1.8	9.118	0.21%	99.08%
1.5	9.381		
1.5	9.381	0.15%	99.23%
1.3	9.587		
1.3	9.587	0.17%	99.40%
1.1	9.828		
1.1	9.828	0.18%	99.58%
0.9	10.118		
< 0,900	> 10,118	0.42%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 26
Livello (cm)	(175-200)
Peso totale (g)	34.8
Frazione > 63 μm (%)	22.6
Frazione < 63 μm (%)	77.4

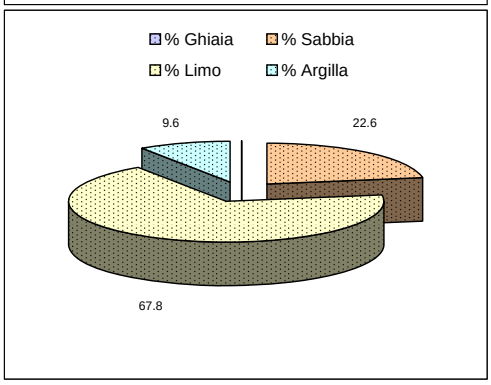
Frazione grossolana (> 63 μm) = 22.6	
% Ghiaia	% Sabbia
0.0	22.6

Frazione pelitica (< 63 μm) = 77.4	
% Limo	% Argilla
67.8	9.6

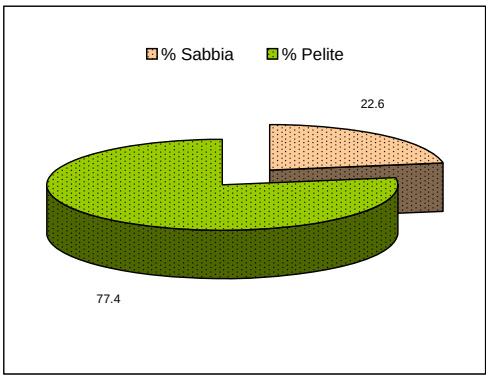
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.363
Deviazione Standard	1.933
Asimmetria (Skewness)	0.034
Appuntimento (Kurtosis)	1.173
Mediana (Φ)	5.345
Moda (Φ)	5.500

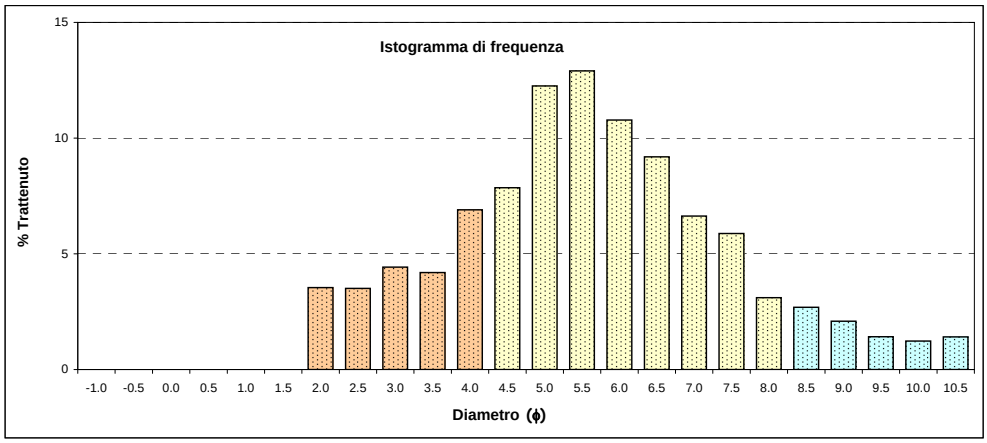
Percentili (Φ)	
5	2.188
16	3.528
25	4.206
50	5.345
75	6.538
84	7.217
95	8.859

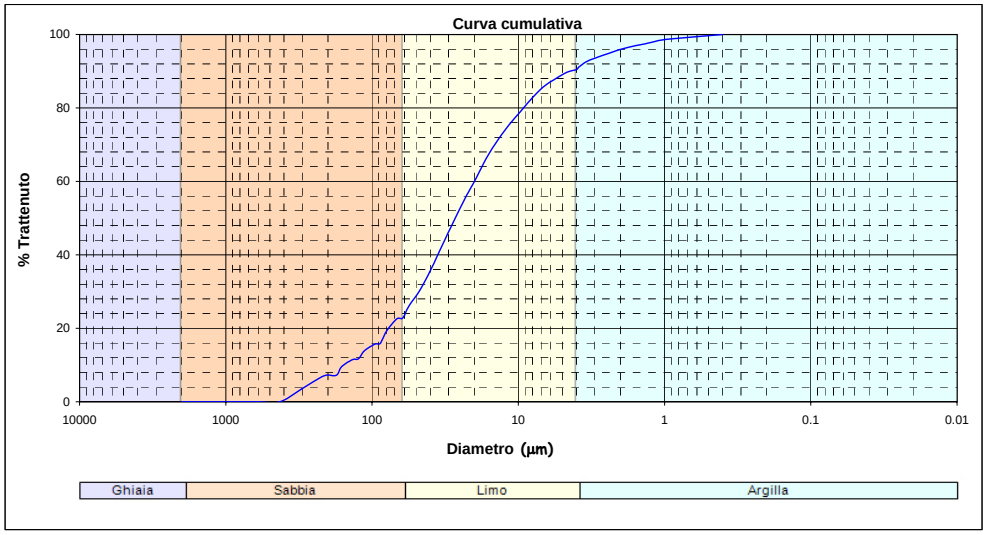
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.54%	3.54%
250	2		
250	2	3.51%	7.05%
176.78	2.5		
176.78	2.5	0.15%	7.20%
175	2.515		
175	2.515	2.39%	9.59%
147	2.766		
147	2.766	1.88%	11.47%
125	3		
125	3	0.22%	11.69%
123	3.023		
123	3.023	2.18%	13.88%
103	3.279		
103	3.279	1.79%	15.67%
88.39	3.5		
88.39	3.5	0.26%	15.92%
87	3.523		
87	3.523	3.21%	19.13%
73	3.776		
73	3.776	3.43%	22.56%
62.5	4		
62.5	4	0.23%	22.80%
61	4.035		
61	4.035	3.23%	26.03%
51	4.293		
51	4.293	4.39%	30.42%
43	4.54		
43	4.54	5.72%	36.14%
36	4.796		
36	4.796	6.54%	42.68%
30	5.059		
30	5.059	6.70%	49.38%
25	5.322		
25	5.322	6.20%	55.58%
21	5.573		
21	5.573	5.16%	60.74%
18	5.796		
18	5.796	5.62%	66.36%
15	6.059		
15	6.059	5.00%	71.37%
12.5	6.322		
12.5	6.322	4.19%	75.55%
10.5	6.573		
10.5	6.573	3.25%	78.80%
9	6.796		
9	6.796	3.38%	82.18%
7.5	7.059		
7.5	7.059	3.50%	85.69%
6	7.381		
6	7.381	2.37%	88.06%
5	7.644		
5	7.644	1.67%	89.73%
4.3	7.861		
4.3	7.861	0.72%	90.45%
4	7.966		
4	7.966	0.72%	91.16%
3.7	8.078		
3.7	8.078	1.45%	92.61%
3.1	8.334		
3.1	8.334	1.24%	93.85%
2.6	8.587		
2.6	8.587	1.02%	94.87%
2.2	8.828		
2.2	8.828	1.07%	95.94%
1.8	9.118		
1.8	9.118	0.84%	96.78%
1.5	9.381		
1.5	9.381	0.58%	97.36%
1.3	9.587		
1.3	9.587	0.60%	97.96%
1.1	9.828		
1.1	9.828	0.63%	98.59%
0.9	10.118		
< 0,900	> 10,118	1.41%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 27
Livello (cm)	(0-25)
Peso totale (g)	42.1
Frazione > 63 μm (%)	11.5
Frazione < 63 μm (%)	88.5

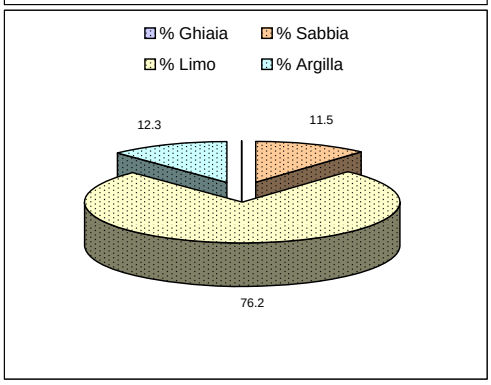
Frazione grossolana (> 63 μm) = 11.5	
% Ghiaia	% Sabbia
0.0	11.5

Frazione pelitica (< 63 μm) = 88.5	
% Limo	% Argilla
76.2	12.3

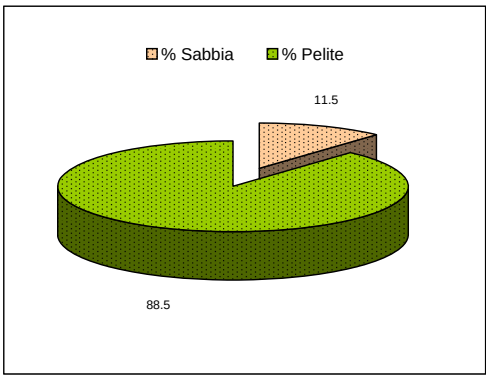
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.865
Deviazione Standard	1.704
Asimmetria (Skewness)	0.144
Appuntimento (Kurtosis)	1.204
Mediana (Φ)	5.755
Moda (Φ)	6.000

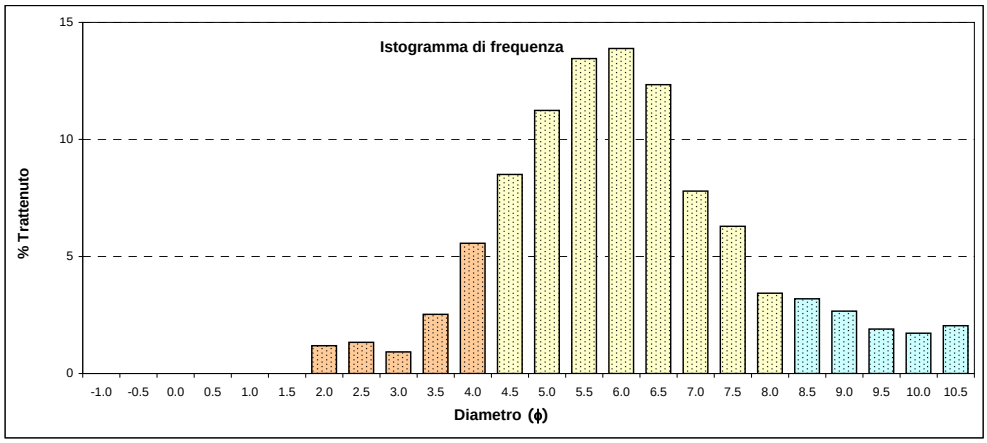
Percentili (Φ)	
5	3.334
16	4.311
25	4.780
50	5.755
75	6.799
84	7.530
95	9.269

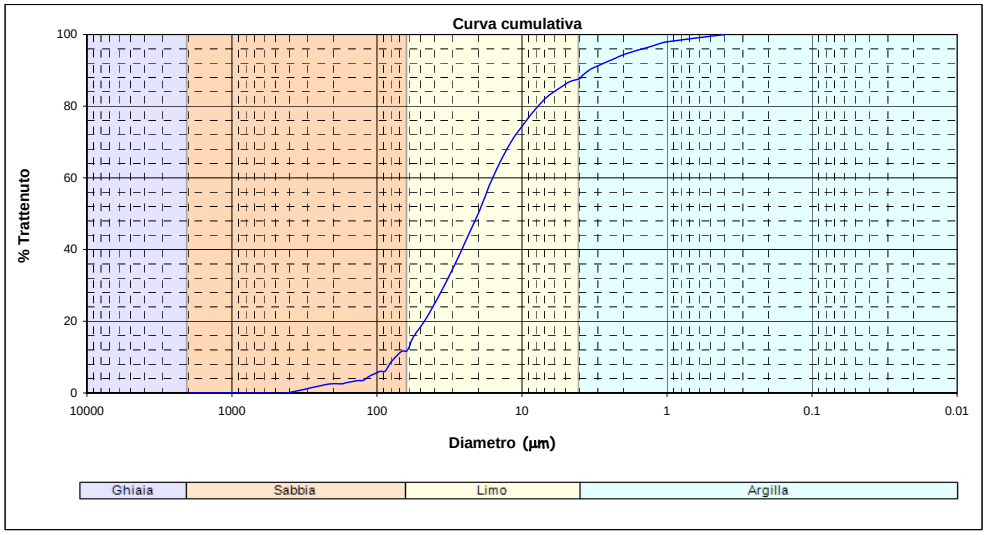
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.19%	1.19%
250	2		
250	2	1.33%	2.52%
176.78	2.5		
176.78	2.5	0.02%	2.54%
175	2.515		
175	2.515	0.38%	2.92%
147	2.766		
147	2.766	0.52%	3.44%
125	3		
125	3	0.08%	3.52%
123	3.023		
123	3.023	1.14%	4.65%
103	3.279		
103	3.279	1.32%	5.97%
88.39	3.5		
88.39	3.5	0.16%	6.13%
87	3.523		
87	3.523	2.47%	8.60%
73	3.776		
73	3.776	2.94%	11.54%
62.5	4		
62.5	4	0.35%	11.89%
61	4.035		
61	4.035	3.76%	15.65%
51	4.293		
51	4.293	4.40%	20.05%
43	4.54		
43	4.54	5.26%	25.30%
36	4.796		
36	4.796	5.98%	31.29%
30	5.059		
30	5.059	6.59%	37.88%
25	5.322		
25	5.322	6.86%	44.74%
21	5.573		
21	5.573	6.37%	51.11%
18	5.796		
18	5.796	7.52%	58.62%
15	6.059		
15	6.059	6.83%	65.45%
12.5	6.322		
12.5	6.322	5.51%	70.96%
10.5	6.573		
10.5	6.573	3.98%	74.94%
9	6.796		
9	6.796	3.81%	78.75%
7.5	7.059		
7.5	7.059	3.76%	82.51%
6	7.381		
6	7.381	2.53%	85.04%
5	7.644		
5	7.644	1.82%	86.86%
4.3	7.861		
4.3	7.861	0.81%	87.67%
4	7.966		
4	7.966	0.81%	88.47%
3.7	8.078		
3.7	8.078	1.69%	90.17%
3.1	8.334		
3.1	8.334	1.50%	91.67%
2.6	8.587		
2.6	8.587	1.28%	92.95%
2.2	8.828		
2.2	8.828	1.38%	94.33%
1.8	9.118		
1.8	9.118	1.11%	95.45%
1.5	9.381		
1.5	9.381	0.79%	96.24%
1.3	9.587		
1.3	9.587	0.83%	97.07%
1.1	9.828		
1.1	9.828	0.89%	97.96%
0.9	10.118		
< 0,900	> 10,118	2.04%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 27
Livello (cm)	(25-50)
Peso totale (g)	27.5
Frazione > 63 μm (%)	47.9
Frazione < 63 μm (%)	52.1

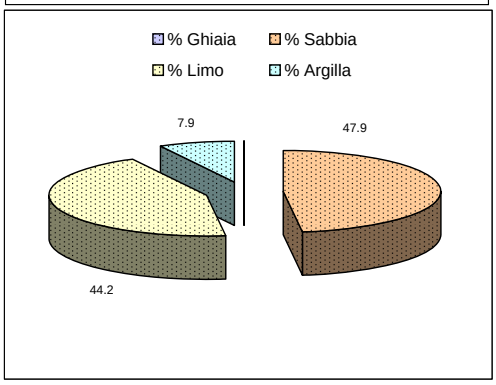
Frazione grossolana (> 63 μm) = 47.9	
% Ghiaia	% Sabbia
0.0	47.9

Frazione pelitica (< 63 μm) = 52.1	
% Limo	% Argilla
44.2	7.9

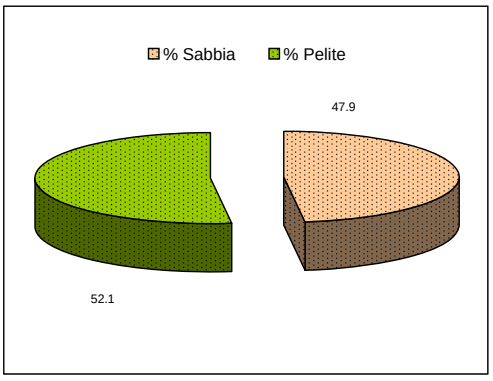
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.190
Deviazione Standard	2.429
Asimmetria (Skewness)	0.077
Appuntimento (Kurtosis)	0.769
Mediana (Φ)	4.224
Moda (Φ)	2.000

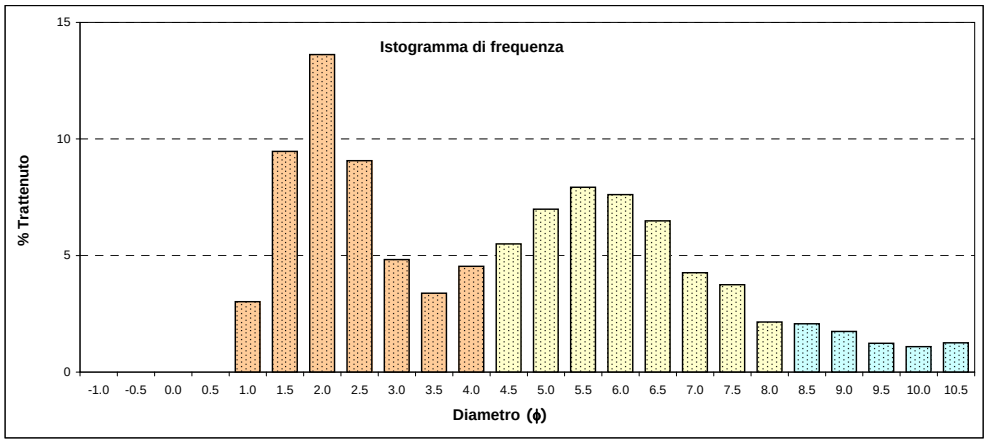
Percentili (Φ)	
5	1.091
16	1.613
25	1.952
50	4.224
75	5.992
84	6.732
95	8.676

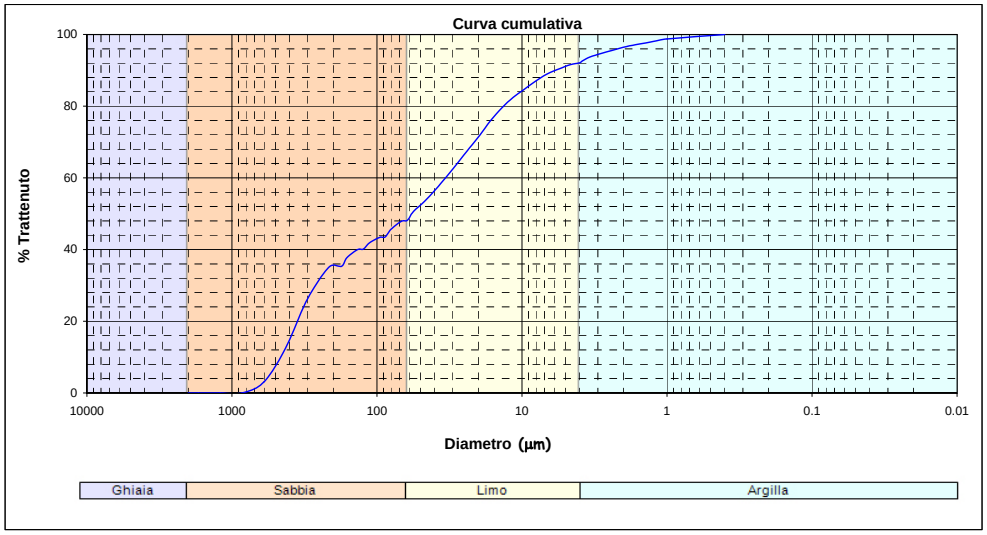
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	3.02%	3.02%
500	1		
500	1	9.47%	12.49%
353.55	1.5		
353.55	1.5	13.62%	26.11%
250	2		
250	2	9.07%	35.17%
176.78	2.5		
176.78	2.5	0.14%	35.32%
175	2.515		
175	2.515	2.46%	37.78%
147	2.766		
147	2.766	2.22%	40.00%
125	3		
125	3	0.14%	40.14%
123	3.023		
123	3.023	1.69%	41.83%
103	3.279		
103	3.279	1.55%	43.38%
88.39	3.5		
88.39	3.5	0.16%	43.54%
87	3.523		
87	3.523	2.13%	45.67%
73	3.776		
73	3.776	2.25%	47.92%
62.5	4		
62.5	4	0.24%	48.16%
61	4.035		
61	4.035	2.46%	50.62%
51	4.293		
51	4.293	2.80%	53.42%
43	4.54		
43	4.54	3.30%	56.72%
36	4.796		
36	4.796	3.69%	60.41%
30	5.059		
30	5.059	3.96%	64.36%
25	5.322		
25	5.322	3.98%	68.34%
21	5.573		
21	5.573	3.56%	71.90%
18	5.796		
18	5.796	4.06%	75.96%
15	6.059		
15	6.059	3.60%	79.55%
12.5	6.322		
12.5	6.322	2.89%	82.44%
10.5	6.573		
10.5	6.573	2.13%	84.57%
9	6.796		
9	6.796	2.13%	86.71%
7.5	7.059		
7.5	7.059	2.20%	88.91%
6	7.381		
6	7.381	1.54%	90.45%
5	7.644		
5	7.644	1.13%	91.58%
4.3	7.861		
4.3	7.861	0.51%	92.09%
4	7.966		
4	7.966	0.51%	92.60%
3.7	8.078		
3.7	8.078	1.09%	93.69%
3.1	8.334		
3.1	8.334	0.98%	94.67%
2.6	8.587		
2.6	8.587	0.84%	95.51%
2.2	8.828		
2.2	8.828	0.91%	96.42%
1.8	9.118		
1.8	9.118	0.72%	97.14%
1.5	9.381		
1.5	9.381	0.51%	97.65%
1.3	9.587		
1.3	9.587	0.53%	98.18%
1.1	9.828		
1.1	9.828	0.56%	98.74%
0.9	10.118		
< 0,900	> 10,118	1.26%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 27
Livello (cm)	(50-75)
Peso totale (g)	71.6
Frazione > 63 μm (%)	74.0
Frazione < 63 μm (%)	26.0

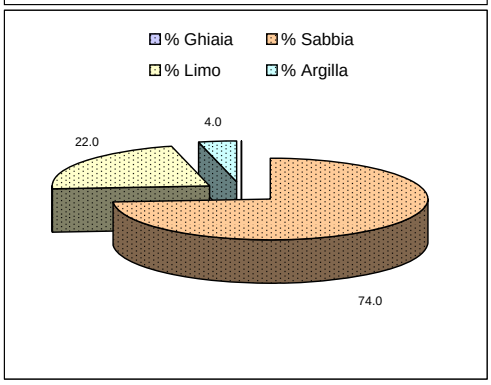
Frazione grossolana (> 63 μm) = 74.0	
% Ghiaia	% Sabbia
0.0	74.0

Frazione pelitica (< 63 μm) = 26.0	
% Limo	% Argilla
22.0	4.0

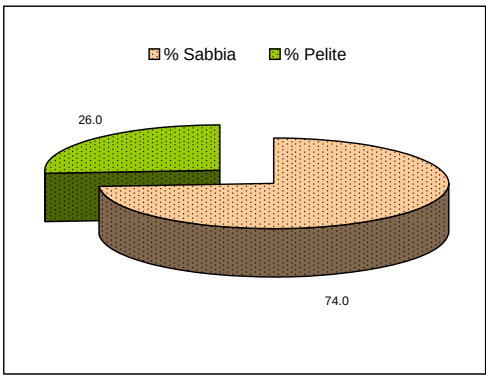
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.044
Deviazione Standard	1.998
Asimmetria (Skewness)	0.613
Appuntimento (Kurtosis)	1.057
Mediana (Φ)	2.248
Moda (Φ)	2.000

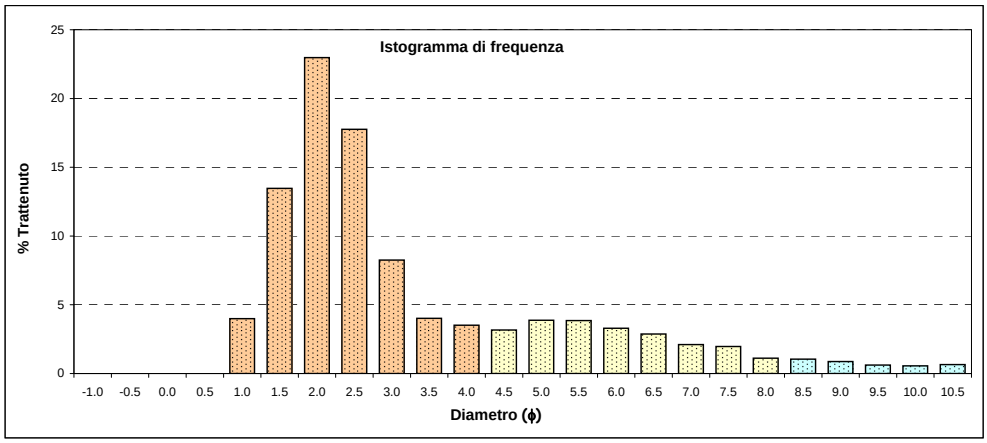
Percentili (Φ)	
5	1.032
16	1.437
25	1.646
50	2.248
75	4.191
84	5.448
95	7.598

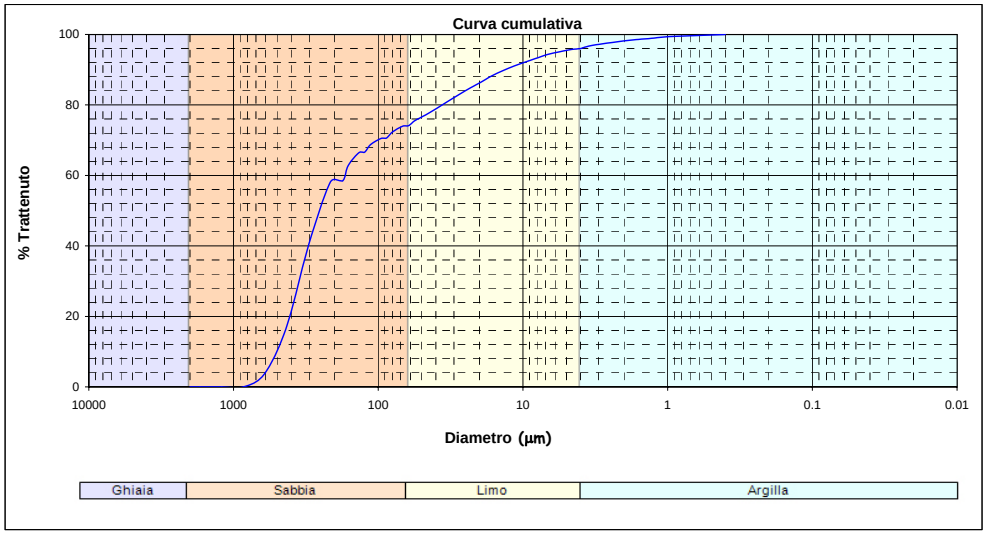
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	3.99%	3.99%
500	1		
500	1	13.46%	17.46%
353.55	1.5		
353.55	1.5	22.97%	40.43%
250	2		
250	2	17.76%	58.20%
176.78	2.5		
176.78	2.5	0.27%	58.47%
175	2.515		
175	2.515	4.38%	62.85%
147	2.766		
147	2.766	3.60%	66.44%
125	3		
125	3	0.19%	66.64%
123	3.023		
123	3.023	2.11%	68.75%
103	3.279		
103	3.279	1.71%	70.46%
88.39	3.5		
88.39	3.5	0.14%	70.60%
87	3.523		
87	3.523	1.71%	72.31%
73	3.776		
73	3.776	1.67%	73.98%
62.5	4		
62.5	4	0.13%	74.12%
61	4.035		
61	4.035	1.41%	75.53%
51	4.293		
51	4.293	1.61%	77.15%
43	4.54		
43	4.54	1.87%	79.02%
36	4.796		
36	4.796	2.01%	81.02%
30	5.059		
30	5.059	2.00%	83.03%
25	5.322		
25	5.322	1.86%	84.88%
21	5.573		
21	5.573	1.56%	86.45%
18	5.796		
18	5.796	1.73%	88.18%
15	6.059		
15	6.059	1.56%	89.74%
12.5	6.322		
12.5	6.322	1.31%	91.05%
10.5	6.573		
10.5	6.573	1.03%	92.08%
9	6.796		
9	6.796	1.08%	93.16%
7.5	7.059		
7.5	7.059	1.16%	94.32%
6	7.381		
6	7.381	0.81%	95.13%
5	7.644		
5	7.644	0.59%	95.72%
4.3	7.861		
4.3	7.861	0.26%	95.99%
4	7.966		
4	7.966	0.26%	96.25%
3.7	8.078		
3.7	8.078	0.56%	96.81%
3.1	8.334		
3.1	8.334	0.49%	97.30%
2.6	8.587		
2.6	8.587	0.42%	97.72%
2.2	8.828		
2.2	8.828	0.45%	98.17%
1.8	9.118		
1.8	9.118	0.36%	98.54%
1.5	9.381		
1.5	9.381	0.26%	98.80%
1.3	9.587		
1.3	9.587	0.27%	99.07%
1.1	9.828		
1.1	9.828	0.28%	99.35%
0.9	10.118		
< 0,900	> 10,118	0.65%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 27
Livello (cm)	(75-100)
Peso totale (g)	56.6
Frazione > 63 μm (%)	52.6
Frazione < 63 μm (%)	47.4

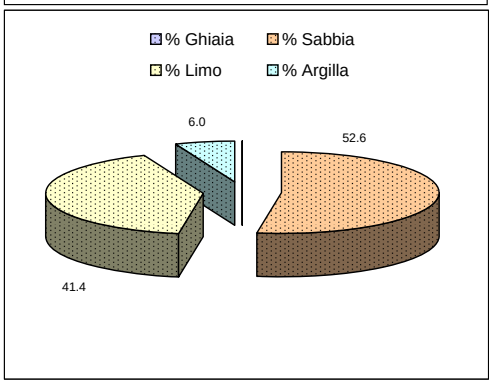
Frazione grossolana (> 63 μm) = 52.6	
% Ghiaia	% Sabbia
0.0	52.6

Frazione pelitica (< 63 μm) = 47.4	
% Limo	% Argilla
41.4	6.0

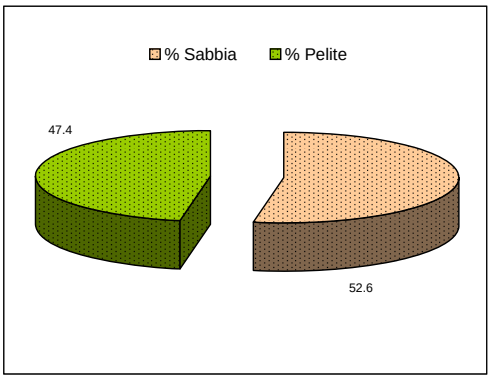
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.015
Deviazione Standard	2.263
Asimmetria (Skewness)	0.137
Appuntimento (Kurtosis)	0.946
Mediana (Φ)	3.863
Moda (Φ)	4.000

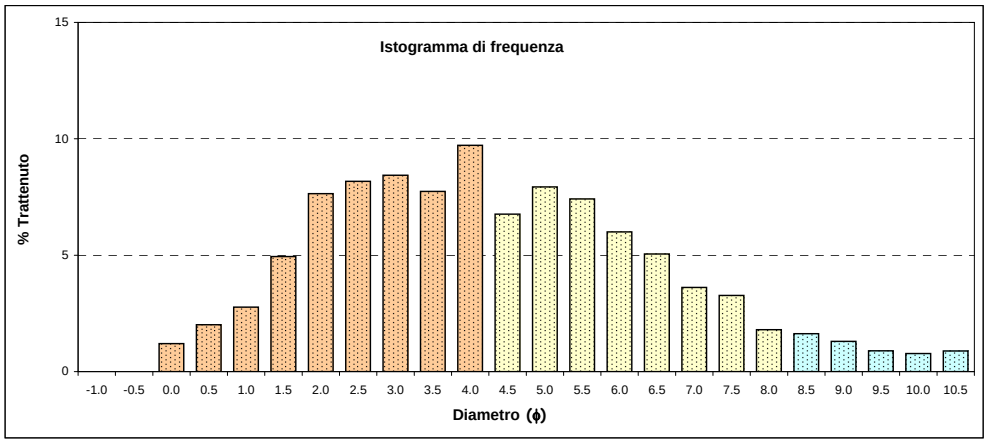
Percentili (Φ)	
5	0.802
16	1.812
25	2.377
50	3.863
75	5.590
84	6.370
95	8.215

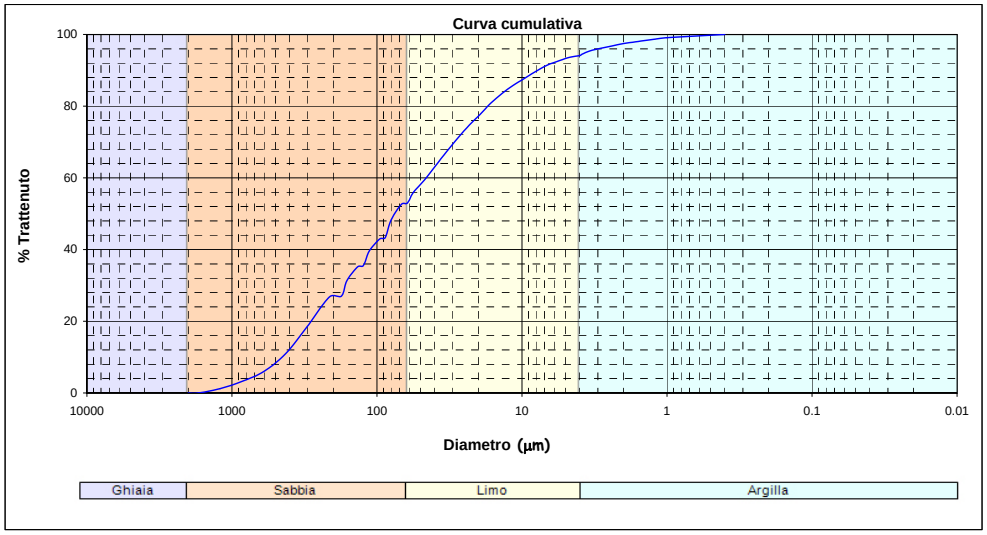
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	1.20%	1.20%
1000	0		
1000	0	2.01%	3.21%
707.11	0.5		
707.11	0.5	2.77%	5.99%
500	1		
500	1	4.94%	10.93%
353.55	1.5		
353.55	1.5	7.65%	18.57%
250	2		
250	2	8.18%	26.75%
176.78	2.5		
176.78	2.5	0.25%	27.00%
175	2.515		
175	2.515	4.36%	31.37%
147	2.766		
147	2.766	3.82%	35.19%
125	3		
125	3	0.37%	35.56%
123	3.023		
123	3.023	4.06%	39.61%
103	3.279		
103	3.279	3.31%	42.93%
88.39	3.5		
88.39	3.5	0.42%	43.34%
87	3.523		
87	3.523	4.85%	48.19%
73	3.776		
73	3.776	4.45%	52.65%
62.5	4		
62.5	4	0.29%	52.94%
61	4.035		
61	4.035	3.05%	55.99%
51	4.293		
51	4.293	3.42%	59.41%
43	4.54		
43	4.54	3.89%	63.30%
36	4.796		
36	4.796	4.05%	67.35%
30	5.059		
30	5.059	3.91%	71.26%
25	5.322		
25	5.322	3.51%	74.77%
21	5.573		
21	5.573	2.88%	77.65%
18	5.796		
18	5.796	3.12%	80.77%
15	6.059		
15	6.059	2.76%	83.53%
12.5	6.322		
12.5	6.322	2.29%	85.82%
10.5	6.573		
10.5	6.573	1.77%	87.59%
9	6.796		
9	6.796	1.84%	89.44%
7.5	7.059		
7.5	7.059	1.94%	91.37%
6	7.381		
6	7.381	1.34%	92.71%
5	7.644		
5	7.644	0.96%	93.67%
4.3	7.861		
4.3	7.861	0.42%	94.09%
4	7.966		
4	7.966	0.42%	94.52%
3.7	8.078		
3.7	8.078	0.87%	95.39%
3.1	8.334		
3.1	8.334	0.76%	96.14%
2.6	8.587		
2.6	8.587	0.63%	96.78%
2.2	8.828		
2.2	8.828	0.67%	97.44%
1.8	9.118		
1.8	9.118	0.53%	97.97%
1.5	9.381		
1.5	9.381	0.37%	98.33%
1.3	9.587		
1.3	9.587	0.38%	98.71%
1.1	9.828		
1.1	9.828	0.40%	99.11%
0.9	10.118		
< 0,900	> 10,118	0.89%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 28
Livello (cm)	(0-25)
Peso totale (g)	33.3
Frazione > 63 μm (%)	37.4
Frazione < 63 μm (%)	62.6

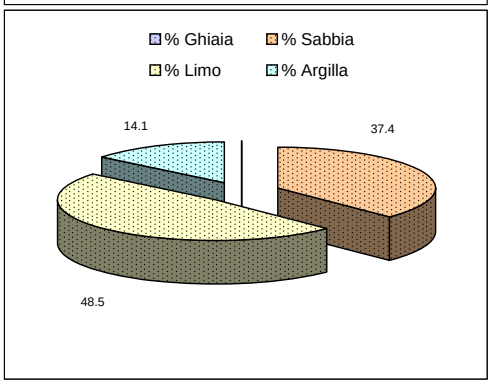
Frazione grossolana (> 63 μm) = 37.4	
% Ghiaia	% Sabbia
0.0	37.4

Frazione pelitica (< 63 μm) = 62.6	
% Limo	% Argilla
48.5	14.1

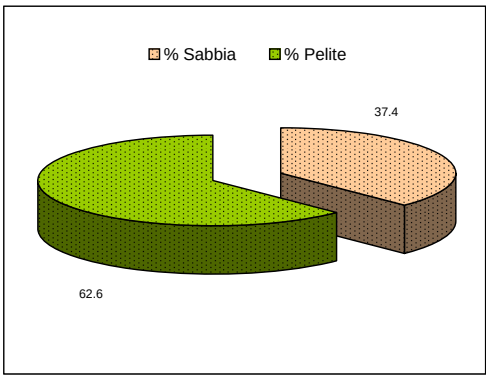
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.971
Deviazione Standard	2.682
Asimmetria (Skewness)	-0.024
Appuntimento (Kurtosis)	0.855
Mediana (Φ)	5.129
Moda (Φ)	6.000

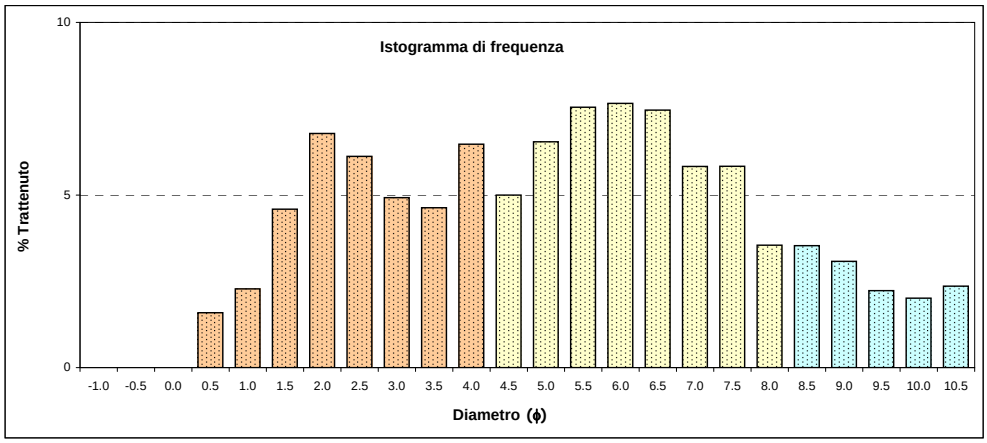
Percentili (Φ)	
5	1.108
16	2.053
25	2.852
50	5.129
75	6.846
84	7.729
95	9.444

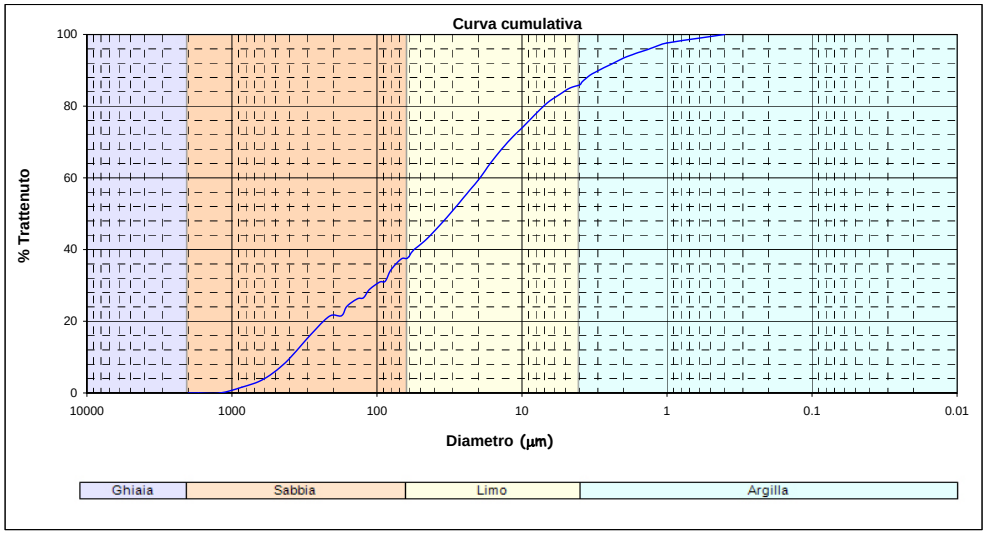
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	1.59%	1.59%
707.11	0.5		
707.11	0.5	2.28%	3.87%
500	1		
500	1	4.59%	8.46%
353.55	1.5		
353.55	1.5	6.78%	15.24%
250	2		
250	2	6.12%	21.37%
176.78	2.5		
176.78	2.5	0.17%	21.54%
175	2.515		
175	2.515	2.66%	24.20%
147	2.766		
147	2.766	2.09%	26.29%
125	3		
125	3	0.21%	26.50%
123	3.023		
123	3.023	2.34%	28.83%
103	3.279		
103	3.279	2.09%	30.92%
88.39	3.5		
88.39	3.5	0.26%	31.18%
87	3.523		
87	3.523	3.19%	34.36%
73	3.776		
73	3.776	3.02%	37.39%
62.5	4		
62.5	4	0.21%	37.60%
61	4.035		
61	4.035	2.22%	39.82%
51	4.293		
51	4.293	2.57%	42.39%
43	4.54		
43	4.54	3.07%	45.46%
36	4.796		
36	4.796	3.47%	48.93%
30	5.059		
30	5.059	3.74%	52.67%
25	5.322		
25	5.322	3.80%	56.47%
21	5.573		
21	5.573	3.48%	59.95%
18	5.796		
18	5.796	4.17%	64.13%
15	6.059		
15	6.059	3.98%	68.11%
12.5	6.322		
12.5	6.322	3.48%	71.58%
10.5	6.573		
10.5	6.573	2.79%	74.37%
9	6.796		
9	6.796	3.04%	77.41%
7.5	7.059		
7.5	7.059	3.37%	80.78%
6	7.381		
6	7.381	2.46%	83.24%
5	7.644		
5	7.644	1.85%	85.09%
4.3	7.861		
4.3	7.861	0.85%	85.94%
4	7.966		
4	7.966	0.85%	86.79%
3.7	8.078		
3.7	8.078	1.85%	88.63%
3.1	8.334		
3.1	8.334	1.69%	90.32%
2.6	8.587		
2.6	8.587	1.47%	91.79%
2.2	8.828		
2.2	8.828	1.61%	93.40%
1.8	9.118		
1.8	9.118	1.31%	94.70%
1.5	9.381		
1.5	9.381	0.92%	95.63%
1.3	9.587		
1.3	9.587	0.98%	96.61%
1.1	9.828		
1.1	9.828	1.03%	97.64%
0.9	10.118		
< 0,900	> 10,118	2.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 28
Livello (cm)	(25-50)
Peso totale (g)	45.2
Frazione > 63 μm (%)	47.6
Frazione < 63 μm (%)	52.4

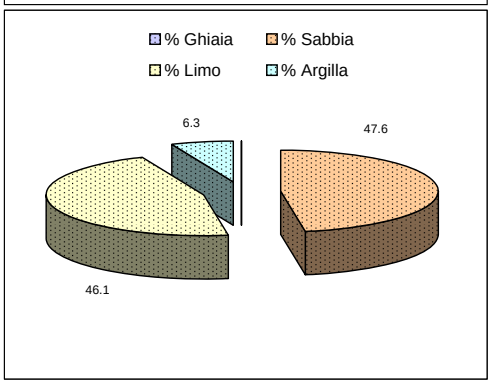
Frazione grossolana (> 63 μm) = 47.6	
% Ghiaia	% Sabbia
0.0	47.6

Frazione pelitica (< 63 μm) = 52.4	
% Limo	% Argilla
46.1	6.3

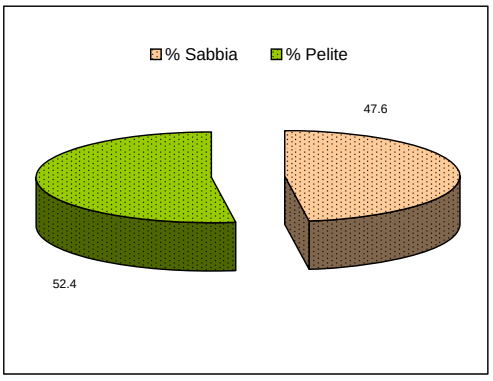
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.527
Deviazione Standard	1.827
Asimmetria (Skewness)	0.321
Appuntimento (Kurtosis)	0.950
Mediana (Φ)	4.199
Moda (Φ)	4.000

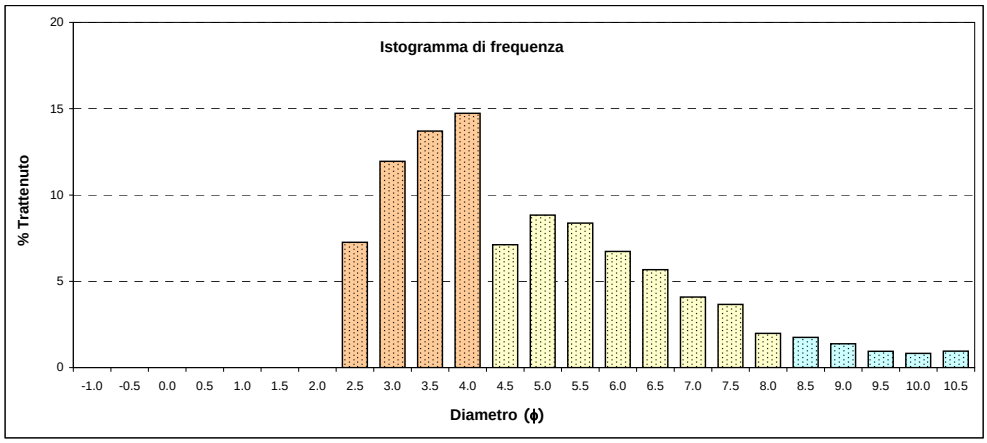
Percentili (Φ)	
5	2.325
16	2.851
25	3.197
50	4.199
75	5.779
84	6.532
95	8.312

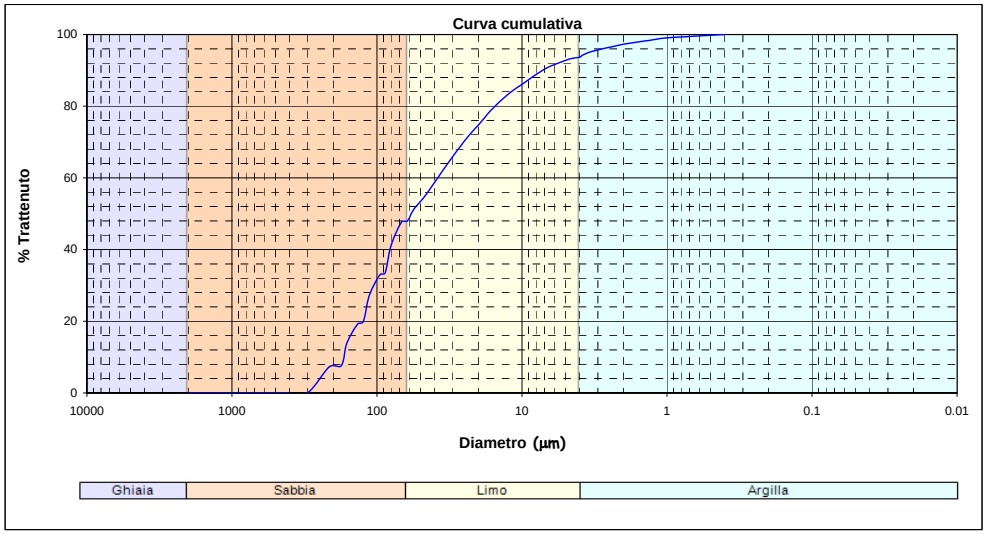
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	7.26%	7.26%
176.78	2.5		
176.78	2.5	0.40%	7.66%
175	2.515		
175	2.515	6.36%	14.01%
147	2.766		
147	2.766	5.20%	19.21%
125	3		
125	3	0.70%	19.91%
123	3.023		
123	3.023	7.29%	27.20%
103	3.279		
103	3.279	5.71%	32.91%
88.39	3.5		
88.39	3.5	0.68%	33.59%
87	3.523		
87	3.523	7.52%	41.10%
73	3.776		
73	3.776	6.55%	47.65%
62.5	4		
62.5	4	0.29%	47.94%
61	4.035		
61	4.035	3.15%	51.09%
51	4.293		
51	4.293	3.68%	54.77%
43	4.54		
43	4.54	4.29%	59.07%
36	4.796		
36	4.796	4.54%	63.61%
30	5.059		
30	5.059	4.41%	68.02%
25	5.322		
25	5.322	3.96%	71.99%
21	5.573		
21	5.573	3.24%	75.23%
18	5.796		
18	5.796	3.50%	78.72%
15	6.059		
15	6.059	3.10%	81.82%
12.5	6.322		
12.5	6.322	2.58%	84.40%
10.5	6.573		
10.5	6.573	2.00%	86.40%
9	6.796		
9	6.796	2.08%	88.48%
7.5	7.059		
7.5	7.059	2.18%	90.66%
6	7.381		
6	7.381	1.49%	92.15%
5	7.644		
5	7.644	1.06%	93.21%
4.3	7.861		
4.3	7.861	0.46%	93.67%
4	7.966		
4	7.966	0.46%	94.13%
3.7	8.078		
3.7	8.078	0.94%	95.07%
3.1	8.334		
3.1	8.334	0.81%	95.88%
2.6	8.587		
2.6	8.587	0.68%	96.56%
2.2	8.828		
2.2	8.828	0.71%	97.27%
1.8	9.118		
1.8	9.118	0.56%	97.83%
1.5	9.381		
1.5	9.381	0.39%	98.22%
1.3	9.587		
1.3	9.587	0.41%	98.62%
1.1	9.828		
1.1	9.828	0.42%	99.05%
0.9	10.118		
< 0,900	> 10,118	0.95%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 28**
Livello (cm)	**(50-75)**
Peso totale (g)	41.3
Frazione > 63 μm (%)	30.6
Frazione < 63 μm (%)	69.4

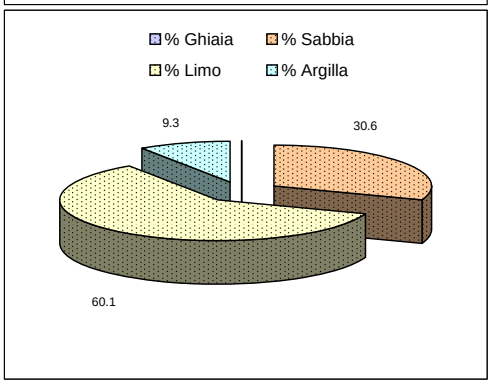
Frazione grossolana (> 63 μm) = 30.6	
% Ghiaia	**% Sabbia**
0.0	**30.6**

Frazione pelitica (< 63 μm) = 69.4	
% Limo	**% Argilla**
60.1	**9.3**

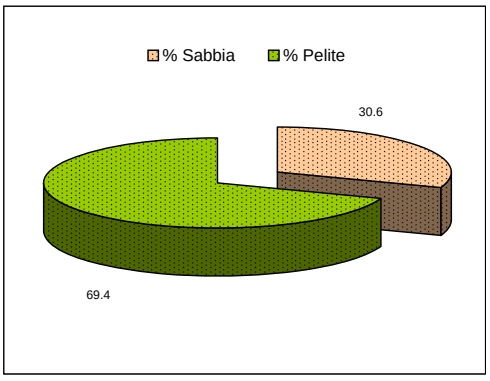
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.077
Deviazione Standard	2.076
Asimmetria (Skewness)	0.062
Appuntimento (Kurtosis)	1.118
Mediana (Φ)	5.022
Moda (Φ)	5.000

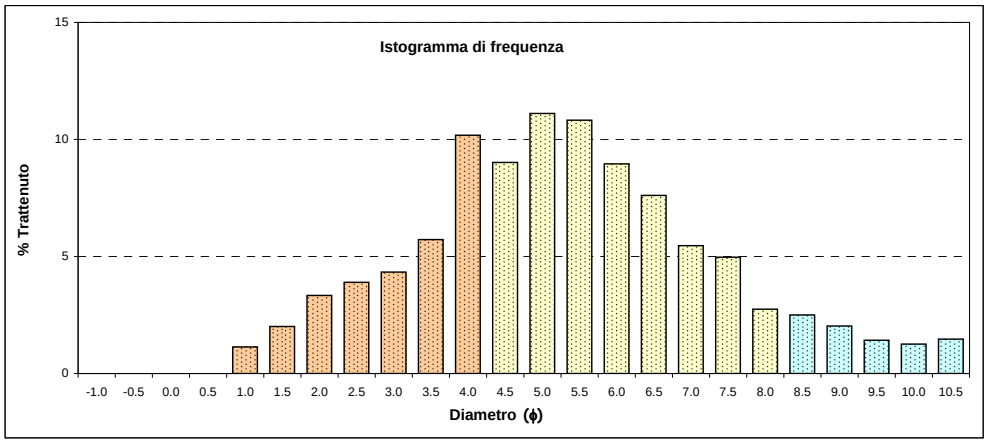
Percentili (Φ)	
5	1.756
16	3.112
25	3.734
50	5.022
75	6.343
84	7.098
95	8.878

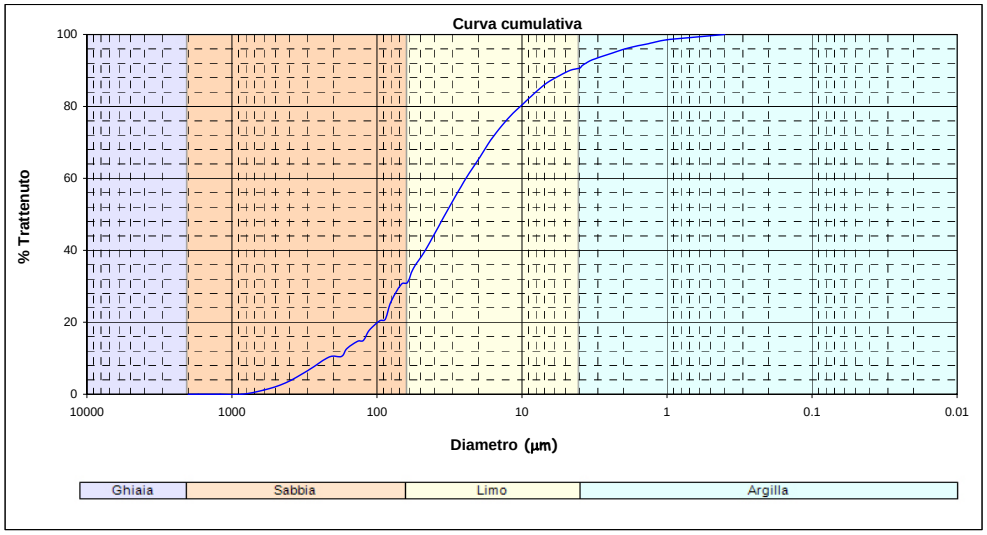
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.14%	1.14%
500	1		
500	1	2.01%	3.14%
353.55	1.5		
353.55	1.5	3.34%	6.48%
250	2		
250	2	3.89%	10.38%
176.78	2.5		
176.78	2.5	0.14%	10.52%
175	2.515		
175	2.515	2.22%	12.74%
147	2.766		
147	2.766	1.97%	14.71%
125	3		
125	3	0.24%	14.96%
123	3.023		
123	3.023	2.85%	17.81%
103	3.279		
103	3.279	2.63%	20.44%
88.39	3.5		
88.39	3.5	0.39%	20.83%
87	3.523		
87	3.523	4.93%	25.76%
73	3.776		
73	3.776	4.86%	30.62%
62.5	4		
62.5	4	0.37%	30.99%
61	4.035		
61	4.035	4.01%	35.00%
51	4.293		
51	4.293	4.63%	39.64%
43	4.54		
43	4.54	5.38%	45.02%
36	4.796		
36	4.796	5.73%	50.75%
30	5.059		
30	5.059	5.66%	56.41%
25	5.322		
25	5.322	5.17%	61.57%
21	5.573		
21	5.573	4.29%	65.86%
18	5.796		
18	5.796	4.67%	70.53%
15	6.059		
15	6.059	4.15%	74.68%
12.5	6.322		
12.5	6.322	3.46%	78.14%
10.5	6.573		
10.5	6.573	2.67%	80.81%
9	6.796		
9	6.796	2.79%	83.60%
7.5	7.059		
7.5	7.059	2.94%	86.54%
6	7.381		
6	7.381	2.03%	88.58%
5	7.644		
5	7.644	1.46%	90.04%
4.3	7.861		
4.3	7.861	0.64%	90.68%
4	7.966		
4	7.966	0.64%	91.32%
3.7	8.078		
3.7	8.078	1.33%	92.66%
3.1	8.334		
3.1	8.334	1.17%	93.82%
2.6	8.587		
2.6	8.587	0.98%	94.81%
2.2	8.828		
2.2	8.828	1.05%	95.85%
1.8	9.118		
1.8	9.118	0.83%	96.69%
1.5	9.381		
1.5	9.381	0.58%	97.27%
1.3	9.587		
1.3	9.587	0.61%	97.89%
1.1	9.828		
1.1	9.828	0.65%	98.53%
0.9	10.118		
< 0,900	> 10,118	1.47%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 28
Livello (cm)	(75-100)
Peso totale (g)	38.6
Frazione > 63 μm (%)	19.3
Frazione < 63 μm (%)	80.7

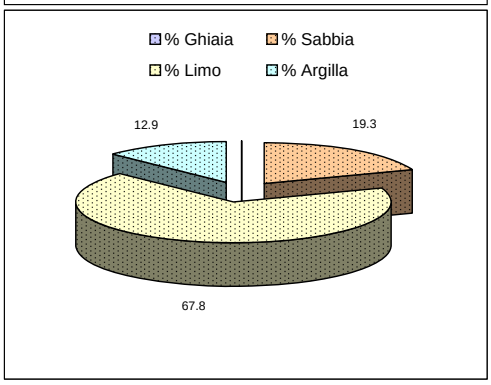
Frazione grossolana (> 63 μm) = 19.3	
% Ghiaia	% Sabbia
0.0	19.3

Frazione pelitica (< 63 μm) = 80.7	
% Limo	% Argilla
67.8	12.9

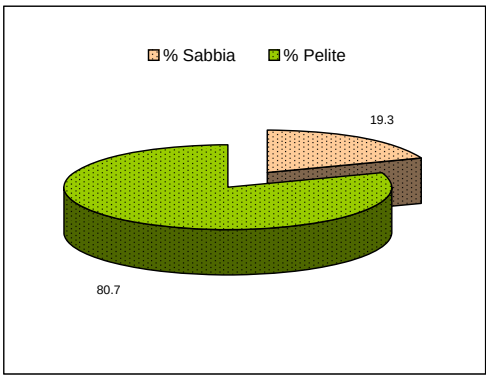
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.640
Deviazione Standard	1.953
Asimmetria (Skewness)	0.124
Appuntimento (Kurtosis)	1.085
Mediana (Φ)	5.501
Moda (Φ)	5.500

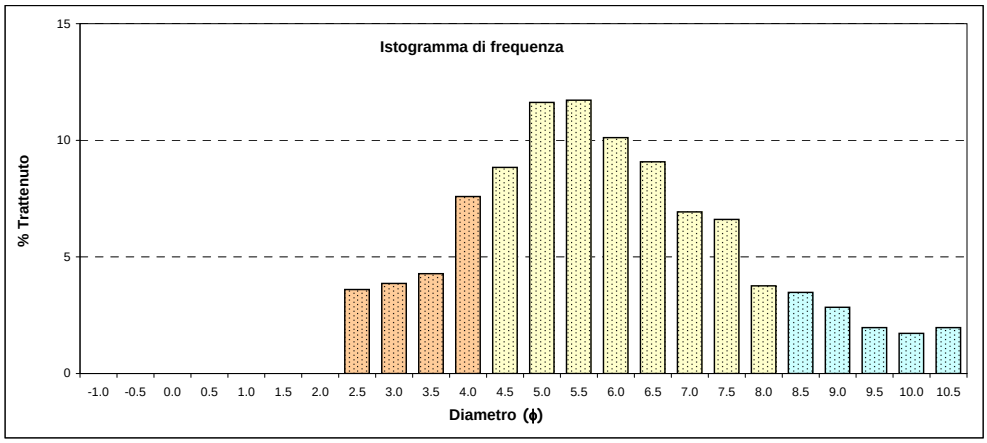
Percentili (Φ)	
5	2.661
16	3.803
25	4.367
50	5.501
75	6.860
84	7.617
95	9.261

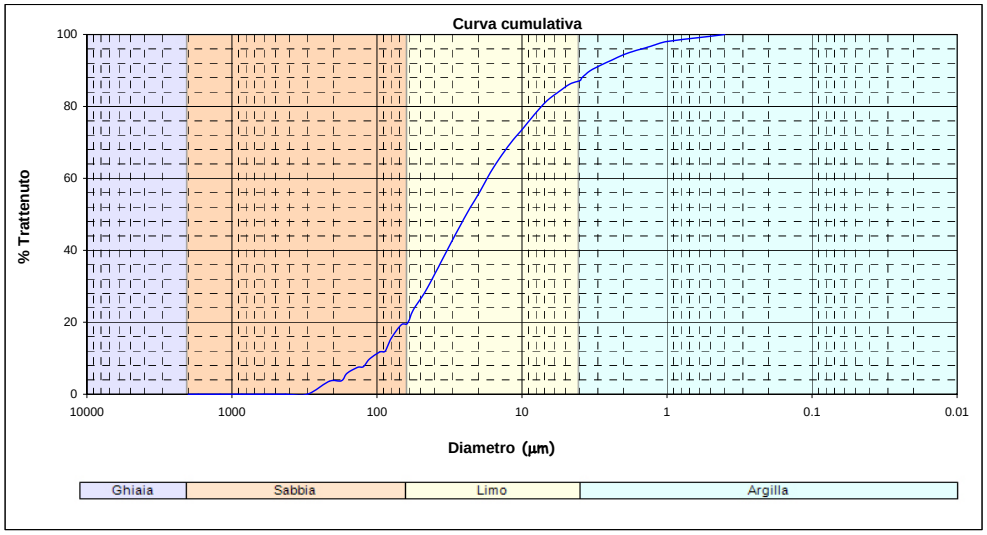
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.60%	3.60%
176.78	2.5		
176.78	2.5	0.13%	3.74%
175	2.515		
175	2.515	2.09%	5.83%
147	2.766		
147	2.766	1.64%	7.47%
125	3		
125	3	0.20%	7.67%
123	3.023		
123	3.023	2.09%	9.75%
103	3.279		
103	3.279	2.00%	11.75%
88.39	3.5		
88.39	3.5	0.25%	12.00%
87	3.523		
87	3.523	3.50%	15.50%
73	3.776		
73	3.776	3.84%	19.34%
62.5	4		
62.5	4	0.33%	19.67%
61	4.035		
61	4.035	3.86%	23.52%
51	4.293		
51	4.293	4.65%	28.18%
43	4.54		
43	4.54	5.57%	33.75%
36	4.796		
36	4.796	6.06%	39.80%
30	5.059		
30	5.059	6.08%	45.88%
25	5.322		
25	5.322	5.65%	51.53%
21	5.573		
21	5.573	4.78%	56.30%
18	5.796		
18	5.796	5.34%	61.64%
15	6.059		
15	6.059	4.89%	66.53%
12.5	6.322		
12.5	6.322	4.19%	70.72%
10.5	6.573		
10.5	6.573	3.34%	74.06%
9	6.796		
9	6.796	3.59%	77.65%
7.5	7.059		
7.5	7.059	3.88%	81.53%
6	7.381		
6	7.381	2.73%	84.26%
5	7.644		
5	7.644	1.99%	86.25%
4.3	7.861		
4.3	7.861	0.88%	87.13%
4	7.966		
4	7.966	0.88%	88.02%
3.7	8.078		
3.7	8.078	1.85%	89.87%
3.1	8.334		
3.1	8.334	1.63%	91.50%
2.6	8.587		
2.6	8.587	1.38%	92.88%
2.2	8.828		
2.2	8.828	1.46%	94.34%
1.8	9.118		
1.8	9.118	1.16%	95.50%
1.5	9.381		
1.5	9.381	0.81%	96.31%
1.3	9.587		
1.3	9.587	0.84%	97.15%
1.1	9.828		
1.1	9.828	0.88%	98.03%
0.9	10.118		
< 0,900	> 10,118	1.97%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 29
Livello (cm)	(0-25)
Peso totale (g)	37.5
Frazione > 63 μm (%)	22.1
Frazione < 63 μm (%)	77.9

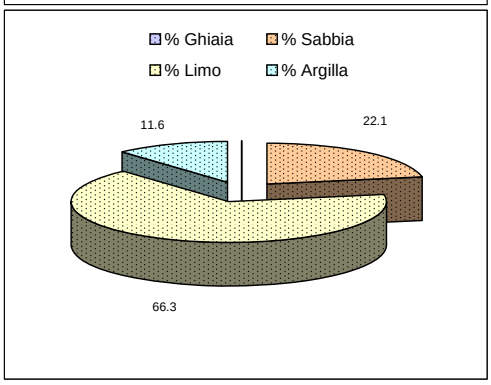
Frazione grossolana (> 63 μm) = 22.1	
% Ghiaia	% Sabbia
0.0	22.1

Frazione pelitica (< 63 μm) = 77.9	
% Limo	% Argilla
66.3	11.6

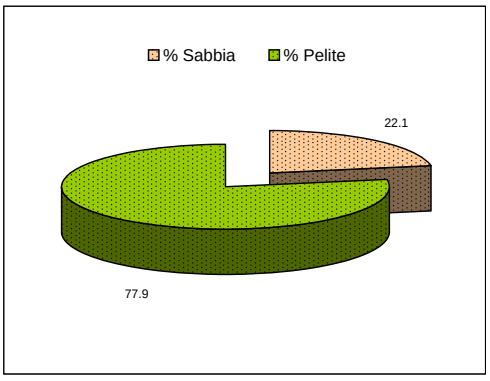
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.487
Deviazione Standard	2.066
Asimmetria (Skewness)	-0.011
Appuntimento (Kurtosis)	1.193
Mediana (Φ)	5.542
Moda (Φ)	6.000

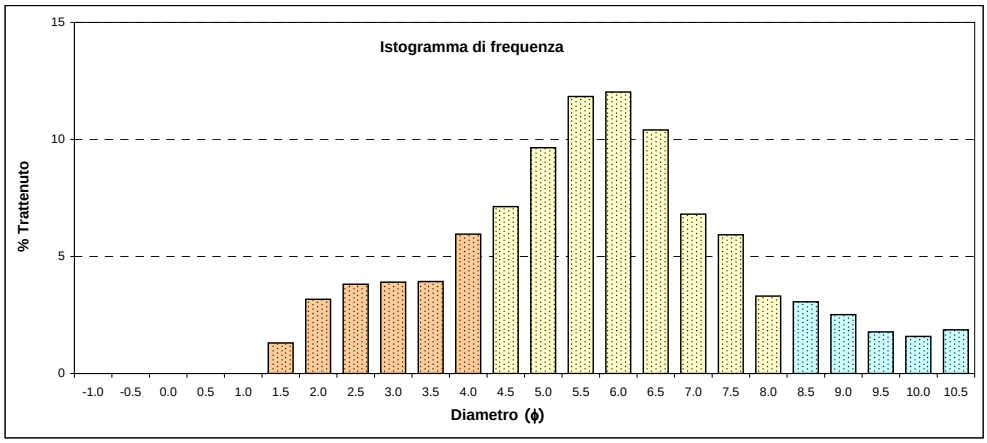
Percentili (Φ)	
5	2.059
16	3.483
25	4.246
50	5.542
75	6.691
84	7.436
95	9.172

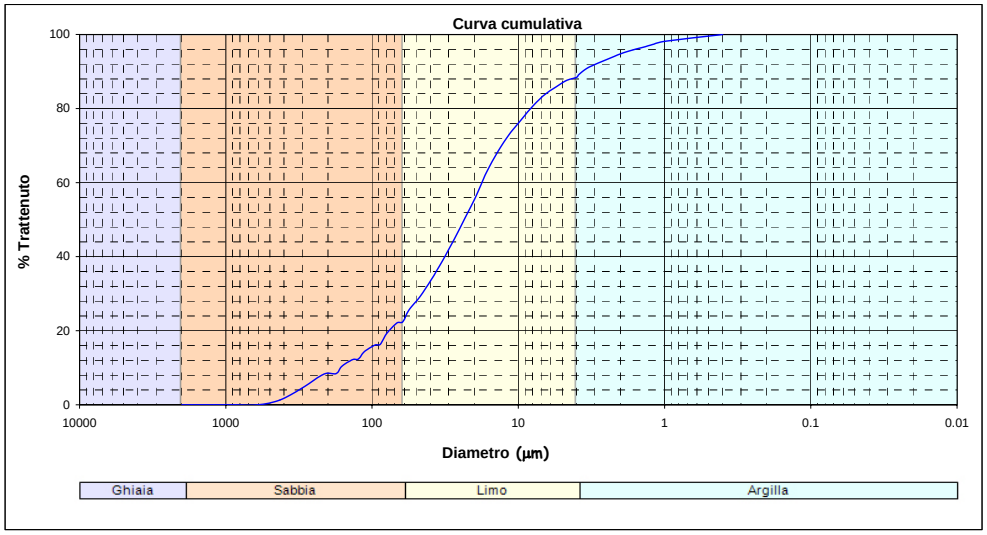
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.31%	1.31%
353.55	1.5		
353.55	1.5	3.17%	4.48%
250	2		
250	2	3.81%	8.29%
176.78	2.5		
176.78	2.5	0.11%	8.41%
175	2.515		
175	2.515	1.97%	10.38%
147	2.766		
147	2.766	1.82%	12.20%
125	3		
125	3	0.16%	12.36%
123	3.023		
123	3.023	1.96%	14.33%
103	3.279		
103	3.279	1.81%	16.13%
88.39	3.5		
88.39	3.5	0.21%	16.34%
87	3.523		
87	3.523	2.78%	19.12%
73	3.776		
73	3.776	2.97%	22.09%
62.5	4		
62.5	4	0.29%	22.38%
61	4.035		
61	4.035	3.15%	25.53%
51	4.293		
51	4.293	3.69%	29.22%
43	4.54		
43	4.54	4.47%	33.69%
36	4.796		
36	4.796	5.18%	38.87%
30	5.059		
30	5.059	5.79%	44.65%
25	5.322		
25	5.322	6.05%	50.70%
21	5.573		
21	5.573	5.57%	56.27%
18	5.796		
18	5.796	6.46%	62.73%
15	6.059		
15	6.059	5.77%	68.50%
12.5	6.322		
12.5	6.322	4.64%	73.14%
10.5	6.573		
10.5	6.573	3.41%	76.55%
9	6.796		
9	6.796	3.40%	79.95%
7.5	7.059		
7.5	7.059	3.50%	83.45%
6	7.381		
6	7.381	2.43%	85.88%
5	7.644		
5	7.644	1.75%	87.63%
4.3	7.861		
4.3	7.861	0.78%	88.41%
4	7.966		
4	7.966	0.78%	89.19%
3.7	8.078		
3.7	8.078	1.63%	90.82%
3.1	8.334		
3.1	8.334	1.43%	92.25%
2.6	8.587		
2.6	8.587	1.22%	93.47%
2.2	8.828		
2.2	8.828	1.30%	94.77%
1.8	9.118		
1.8	9.118	1.04%	95.81%
1.5	9.381		
1.5	9.381	0.73%	96.54%
1.3	9.587		
1.3	9.587	0.77%	97.32%
1.1	9.828		
1.1	9.828	0.82%	98.13%
0.9	10.118		
< 0,900	> 10,118	1.87%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 29
Livello (cm)	(25-50)
Peso totale (g)	41.6
Frazione > 63 μm (%)	23.1
Frazione < 63 μm (%)	76.9

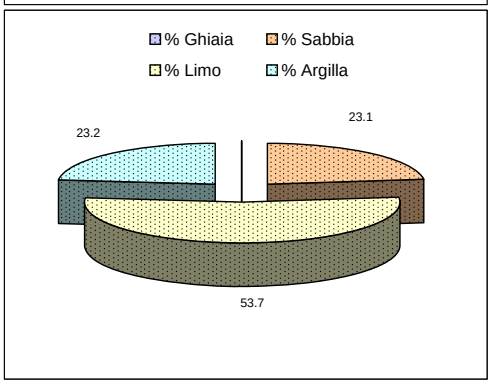
Frazione grossolana (> 63 μm) = 23.1	
% Ghiaia	% Sabbia
0.0	23.1

Frazione pelitica (< 63 μm) = 76.9	
% Limo	% Argilla
53.7	23.2

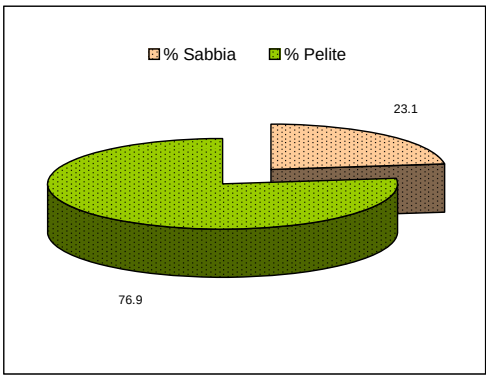
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.055
Deviazione Standard	2.428
Asimmetria (Skewness)	-0.090
Appuntimento (Kurtosis)	0.866
Mediana (Φ)	6.280
Moda (Φ)	7.500

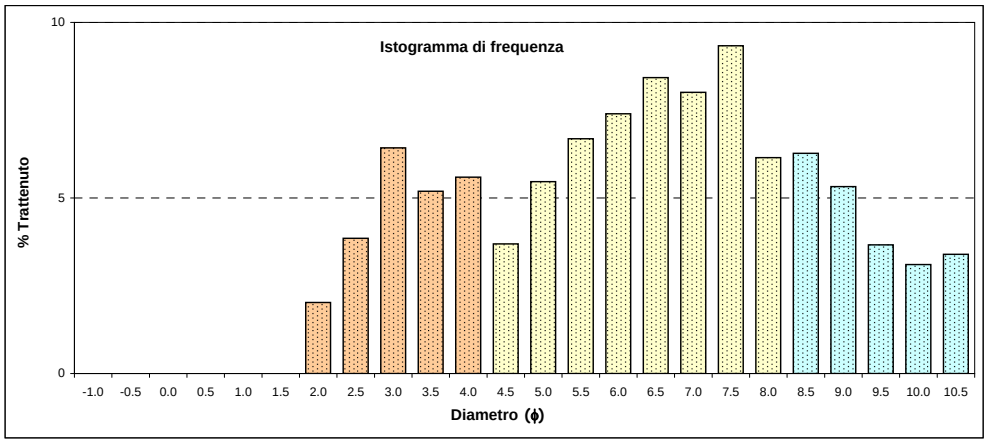
Percentili (Φ)	
5	2.371
16	3.344
25	4.316
50	6.280
75	7.842
84	8.540
95	9.822

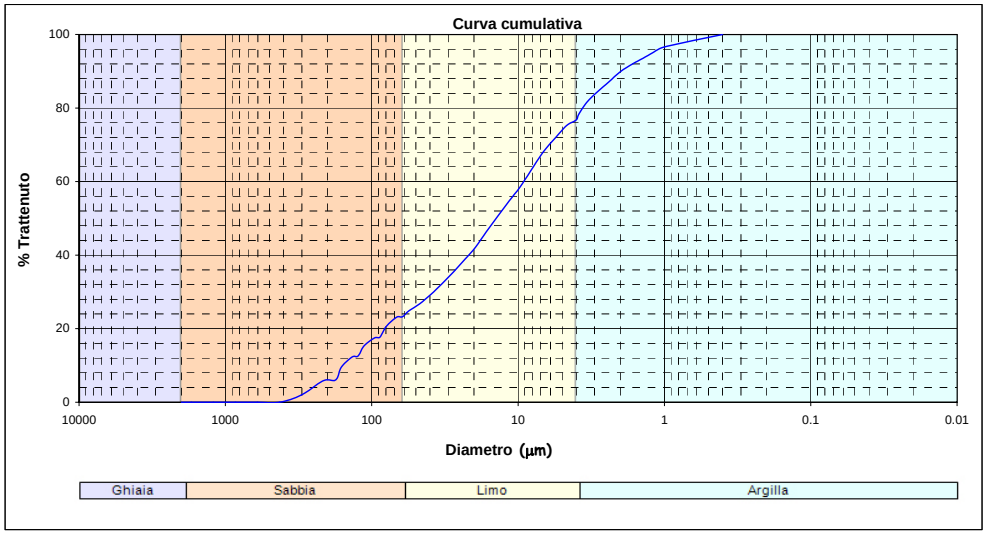
LOAM
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.02%	2.02%
250	2		
250	2	3.85%	5.87%
176.78	2.5		
176.78	2.5	0.22%	6.09%
175	2.515		
175	2.515	3.47%	9.57%
147	2.766		
147	2.766	2.73%	12.30%
125	3		
125	3	0.28%	12.58%
123	3.023		
123	3.023	2.76%	15.34%
103	3.279		
103	3.279	2.16%	17.49%
88.39	3.5		
88.39	3.5	0.23%	17.72%
87	3.523		
87	3.523	2.77%	20.50%
73	3.776		
73	3.776	2.59%	23.09%
62.5	4		
62.5	4	0.13%	23.22%
61	4.035		
61	4.035	1.58%	24.80%
51	4.293		
51	4.293	1.98%	26.78%
43	4.54		
43	4.54	2.51%	29.29%
36	4.796		
36	4.796	2.95%	32.24%
30	5.059		
30	5.059	3.27%	35.52%
25	5.322		
25	5.322	3.41%	38.93%
21	5.573		
21	5.573	3.25%	42.18%
18	5.796		
18	5.796	4.15%	46.33%
15	6.059		
15	6.059	4.30%	50.63%
12.5	6.322		
12.5	6.322	4.13%	54.75%
10.5	6.573		
10.5	6.573	3.64%	58.40%
9	6.796		
9	6.796	4.37%	62.76%
7.5	7.059		
7.5	7.059	5.27%	68.03%
6	7.381		
6	7.381	4.06%	72.10%
5	7.644		
5	7.644	3.17%	75.26%
4.3	7.861		
4.3	7.861	1.49%	76.75%
4	7.966		
4	7.966	1.49%	78.24%
3.7	8.078		
3.7	8.078	3.28%	81.53%
3.1	8.334		
3.1	8.334	2.99%	84.51%
2.6	8.587		
2.6	8.587	2.58%	87.09%
2.2	8.828		
2.2	8.828	2.75%	89.84%
1.8	9.118		
1.8	9.118	2.17%	92.01%
1.5	9.381		
1.5	9.381	1.50%	93.50%
1.3	9.587		
1.3	9.587	1.53%	95.04%
1.1	9.828		
1.1	9.828	1.57%	96.61%
0.9	10.118		
< 0,900	> 10,118	3.39%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 29**
Livello (cm)	**(50-75)**
Peso totale (g)	32.4
Frazione > 63 μm (%)	18.6
Frazione < 63 μm (%)	81.4

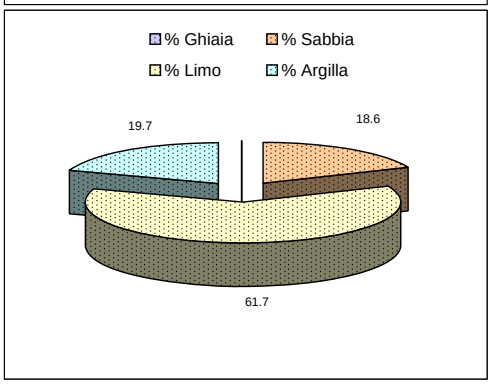
Frazione grossolana (> 63 μm) =	**18.6**
% Ghiaia	**% Sabbia**
0.0	**18.6**

Frazione pelitica (< 63 μm) =	**81.4**
% Limo	**% Argilla**
61.7	**19.7**

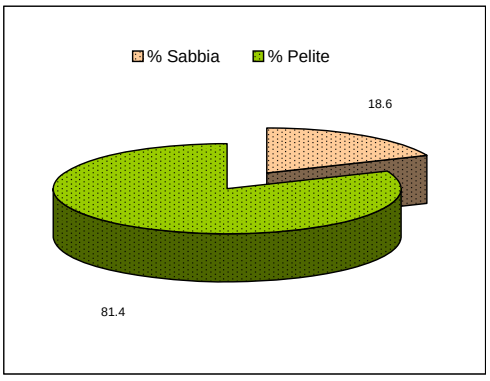
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.033
Deviazione Standard	2.210
Asimmetria (Skewness)	0.038
Appuntimento (Kurtosis)	0.992
Mediana (Φ)	5.980
Moda (Φ)	5.500

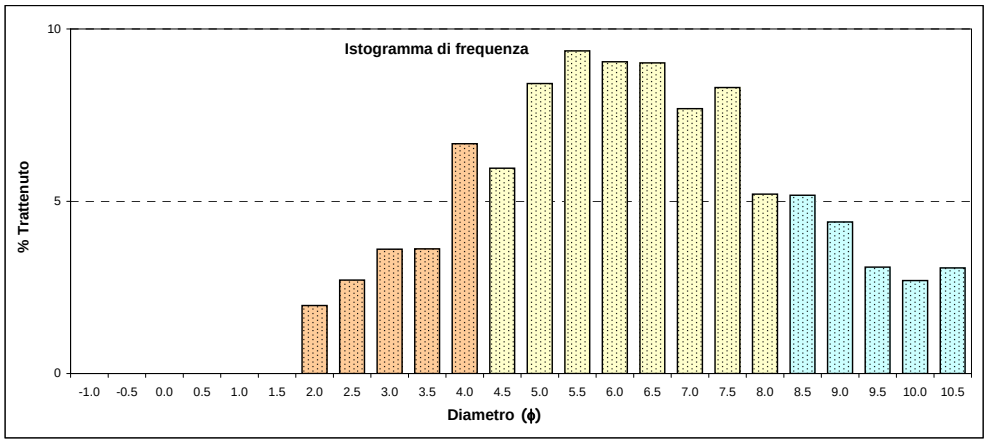
Percentili (Φ)	
5	2.537
16	3.816
25	4.567
50	5.980
75	7.536
84	8.304
95	9.721

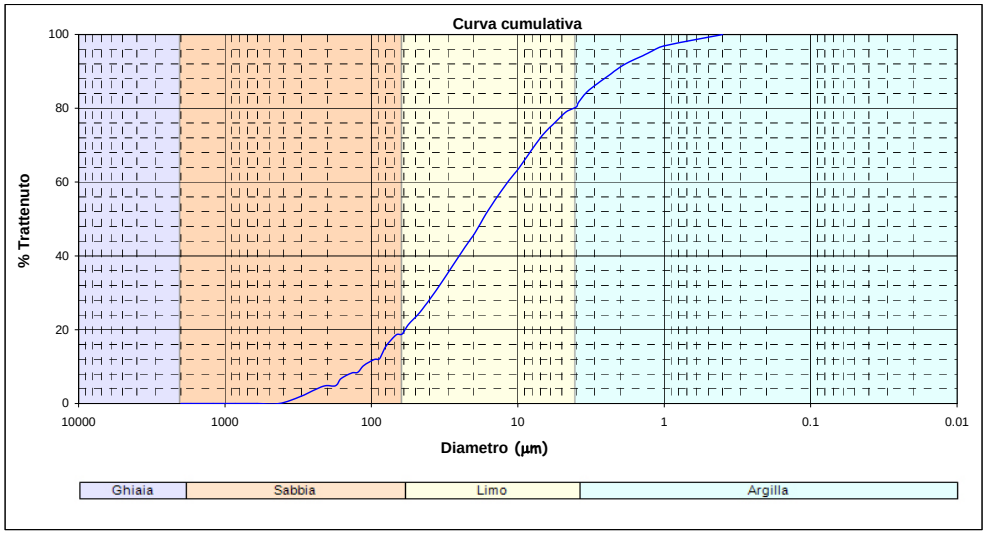
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.97%	1.97%
250	2		
250	2	2.71%	4.69%
176.78	2.5		
176.78	2.5	0.12%	4.81%
175	2.515		
175	2.515	1.95%	6.76%
147	2.766		
147	2.766	1.53%	8.30%
125	3		
125	3	0.17%	8.47%
123	3.023		
123	3.023	1.80%	10.27%
103	3.279		
103	3.279	1.64%	11.92%
88.39	3.5		
88.39	3.5	0.26%	12.17%
87	3.523		
87	3.523	3.22%	15.39%
73	3.776		
73	3.776	3.20%	18.59%
62.5	4		
62.5	4	0.22%	18.80%
61	4.035		
61	4.035	2.56%	21.36%
51	4.293		
51	4.293	3.18%	24.54%
43	4.54		
43	4.54	3.94%	28.49%
36	4.796		
36	4.796	4.47%	32.96%
30	5.059		
30	5.059	4.72%	37.68%
25	5.322		
25	5.322	4.64%	42.32%
21	5.573		
21	5.573	4.14%	46.47%
18	5.796		
18	5.796	4.91%	51.37%
15	6.059		
15	6.059	4.74%	56.11%
12.5	6.322		
12.5	6.322	4.28%	60.39%
10.5	6.573		
10.5	6.573	3.59%	63.97%
9	6.796		
9	6.796	4.10%	68.07%
7.5	7.059		
7.5	7.059	4.75%	72.82%
6	7.381		
6	7.381	3.55%	76.37%
5	7.644		
5	7.644	2.71%	79.08%
4.3	7.861		
4.3	7.861	1.25%	80.33%
4	7.966		
4	7.966	1.25%	81.58%
3.7	8.078		
3.7	8.078	2.71%	84.29%
3.1	8.334		
3.1	8.334	2.46%	86.75%
2.6	8.587		
2.6	8.587	2.12%	88.87%
2.2	8.828		
2.2	8.828	2.28%	91.15%
1.8	9.118		
1.8	9.118	1.82%	92.97%
1.5	9.381		
1.5	9.381	1.27%	94.24%
1.3	9.587		
1.3	9.587	1.32%	95.56%
1.1	9.828		
1.1	9.828	1.38%	96.94%
0.9	10.118		
< 0,900	> 10,118	3.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 29
Livello (cm)	(75-100)
Peso totale (g)	66.4
Frazione > 63 μm (%)	74.6
Frazione < 63 μm (%)	25.4

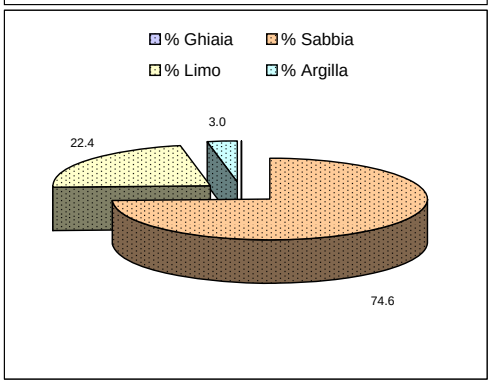
Frazione grossolana (> 63 μm) = 74.6	
% Ghiaia	% Sabbia
0.0	74.6

Frazione pelitica (< 63 μm) = 25.4	
% Limo	% Argilla
22.4	3.0

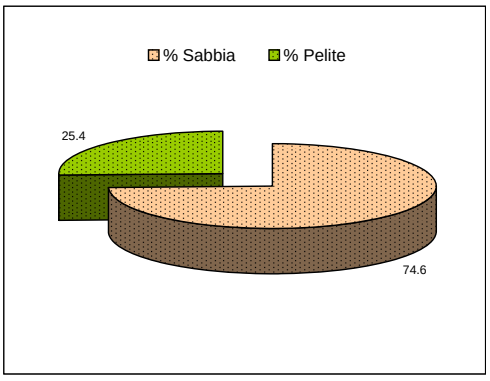
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.272
Deviazione Standard	1.675
Asimmetria (Skewness)	0.611
Appuntimento (Kurtosis)	1.198
Mediana (Φ)	2.616
Moda (Φ)	2.500

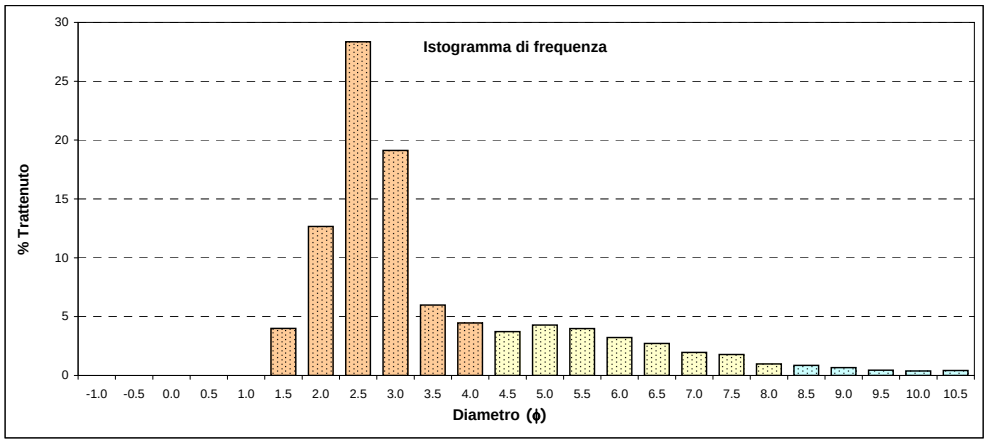
Percentili (Φ)	
5	1.534
16	1.970
25	2.130
50	2.616
75	4.072
84	5.230
95	7.211

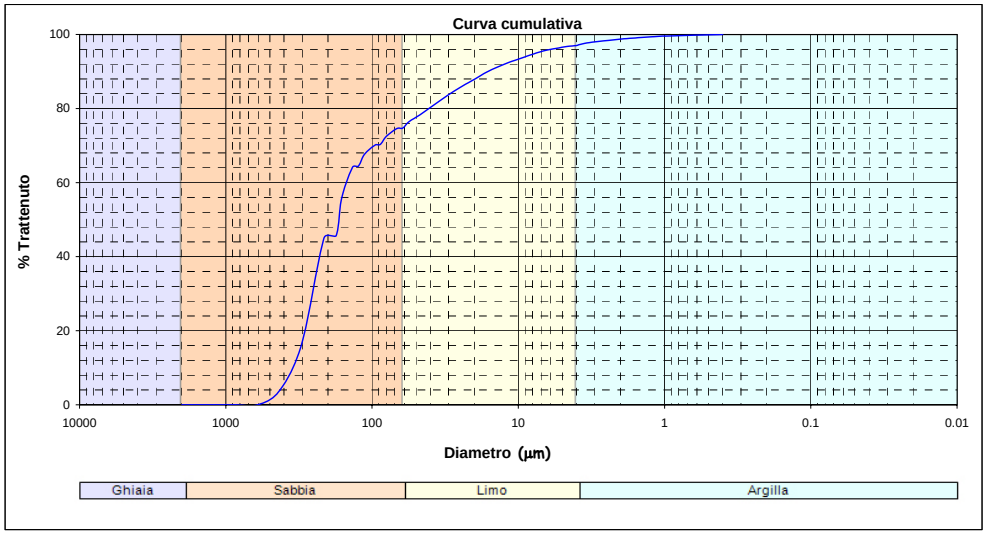
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.99%	3.99%
353.55	1.5		
353.55	1.5	12.66%	16.65%
250	2		
250	2	28.36%	45.01%
176.78	2.5		
176.78	2.5	0.64%	45.65%
175	2.515		
175	2.515	10.23%	55.88%
147	2.766		
147	2.766	8.25%	64.13%
125	3		
125	3	0.30%	64.43%
123	3.023		
123	3.023	3.17%	67.60%
103	3.279		
103	3.279	2.51%	70.11%
88.39	3.5		
88.39	3.5	0.18%	70.29%
87	3.523		
87	3.523	2.19%	72.48%
73	3.776		
73	3.776	2.10%	74.57%
62.5	4		
62.5	4	0.16%	74.74%
61	4.035		
61	4.035	1.69%	76.42%
51	4.293		
51	4.293	1.88%	78.30%
43	4.54		
43	4.54	2.11%	80.41%
36	4.796		
36	4.796	2.18%	82.59%
30	5.059		
30	5.059	2.10%	84.69%
25	5.322		
25	5.322	1.88%	86.57%
21	5.573		
21	5.573	1.55%	88.12%
18	5.796		
18	5.796	1.67%	89.79%
15	6.059		
15	6.059	1.48%	91.27%
12.5	6.322		
12.5	6.322	1.24%	92.51%
10.5	6.573		
10.5	6.573	0.96%	93.47%
9	6.796		
9	6.796	1.00%	94.47%
7.5	7.059		
7.5	7.059	1.05%	95.53%
6	7.381		
6	7.381	0.73%	96.25%
5	7.644		
5	7.644	0.52%	96.77%
4.3	7.861		
4.3	7.861	0.23%	97.00%
4	7.966		
4	7.966	0.23%	97.23%
3.7	8.078		
3.7	8.078	0.46%	97.69%
3.1	8.334		
3.1	8.334	0.40%	98.09%
2.6	8.587		
2.6	8.587	0.33%	98.42%
2.2	8.828		
2.2	8.828	0.34%	98.76%
1.8	9.118		
1.8	9.118	0.26%	99.02%
1.5	9.381		
1.5	9.381	0.18%	99.21%
1.3	9.587		
1.3	9.587	0.19%	99.39%
1.1	9.828		
1.1	9.828	0.19%	99.58%
0.9	10.118		
< 0,900	> 10,118	0.42%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 30
Livello (cm)	(0-25)
Peso totale (g)	13.2
Frazione > 63 μm (%)	10.0
Frazione < 63 μm (%)	90.0

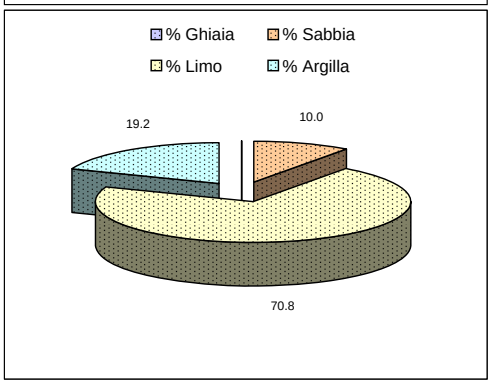
Frazione grossolana (> 63 μm) = 10.0	
% Ghiaia	% Sabbia
0.0	10.0

Frazione pelitica (< 63 μm) = 90.0	
% Limo	% Argilla
70.8	19.2

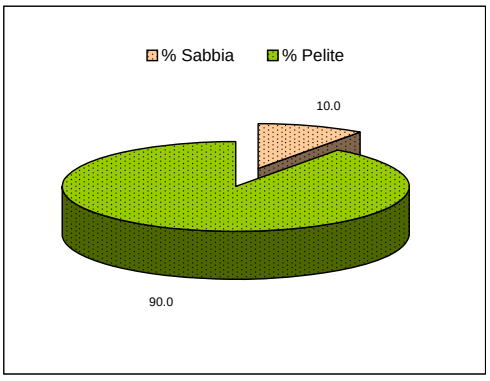
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.200
Deviazione Standard	1.867
Asimmetria (Skewness)	0.150
Appuntimento (Kurtosis)	0.888
Mediana (Φ)	6.027
Moda (Φ)	5.000

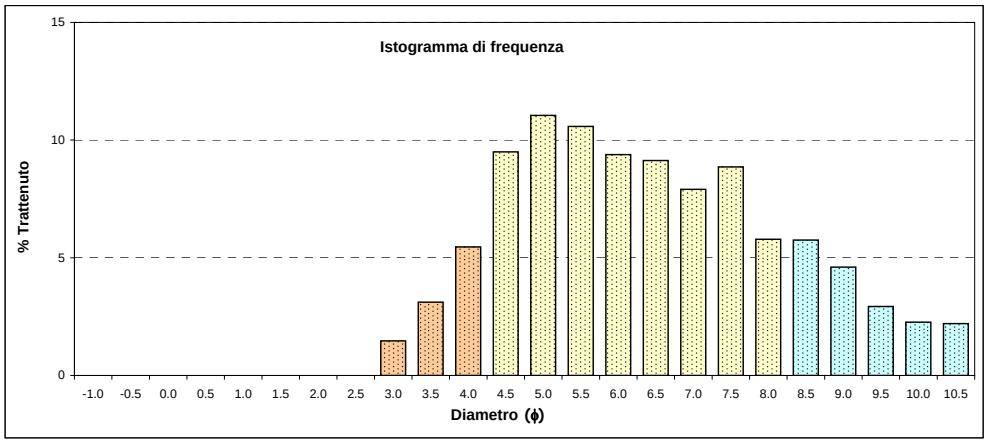
Percentili (Φ)	
5	3.549
16	4.354
25	4.797
50	6.027
75	7.538
84	8.220
95	9.489

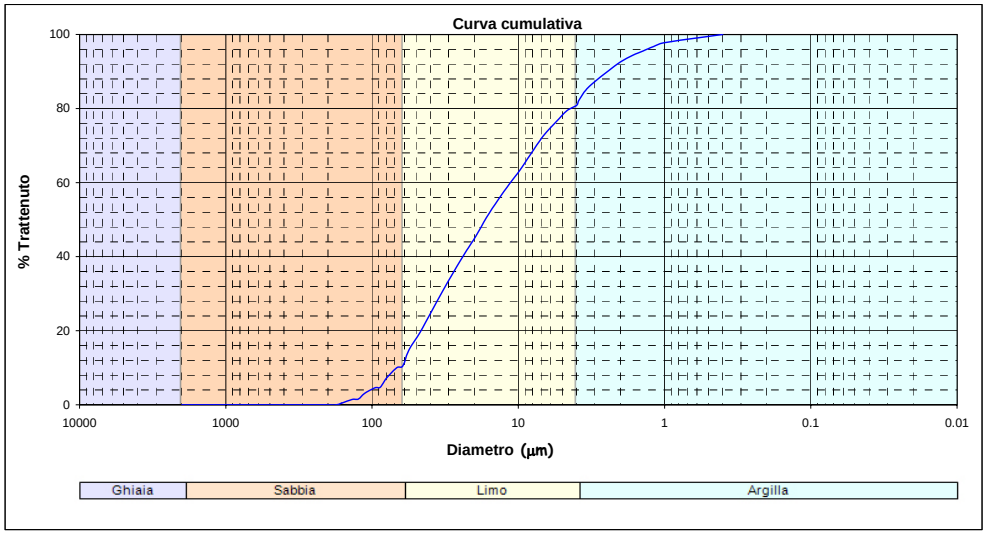
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.49%	0.49%
147	2.766		
147	2.766	0.98%	1.47%
125	3		
125	3	0.09%	1.56%
123	3.023		
123	3.023	1.46%	3.02%
103	3.279		
103	3.279	1.57%	4.59%
88.39	3.5		
88.39	3.5	0.15%	4.73%
87	3.523		
87	3.523	2.39%	7.12%
73	3.776		
73	3.776	2.92%	10.05%
62.5	4		
62.5	4	0.42%	10.46%
61	4.035		
61	4.035	4.29%	14.75%
51	4.293		
51	4.293	4.80%	19.54%
43	4.54		
43	4.54	5.42%	24.96%
36	4.796		
36	4.796	5.63%	30.60%
30	5.059		
30	5.059	5.50%	36.10%
25	5.322		
25	5.322	5.08%	41.18%
21	5.573		
21	5.573	4.36%	45.54%
18	5.796		
18	5.796	5.03%	50.56%
15	6.059		
15	6.059	4.80%	55.37%
12.5	6.322		
12.5	6.322	4.33%	59.70%
10.5	6.573		
10.5	6.573	3.66%	63.36%
9	6.796		
9	6.796	4.24%	67.60%
7.5	7.059		
7.5	7.059	5.02%	72.62%
6	7.381		
6	7.381	3.84%	76.46%
5	7.644		
5	7.644	2.99%	79.45%
4.3	7.861		
4.3	7.861	1.40%	80.85%
4	7.966		
4	7.966	1.40%	82.25%
3.7	8.078		
3.7	8.078	3.04%	85.29%
3.1	8.334		
3.1	8.334	2.71%	88.00%
2.6	8.587		
2.6	8.587	2.27%	90.27%
2.2	8.828		
2.2	8.828	2.33%	92.60%
1.8	9.118		
1.8	9.118	1.76%	94.37%
1.5	9.381		
1.5	9.381	1.17%	95.54%
1.3	9.587		
1.3	9.587	1.15%	96.68%
1.1	9.828		
1.1	9.828	1.11%	97.80%
0.9	10.118		
< 0,900	> 10,118	2.20%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 30
Livello (cm)	(25-50)
Peso totale (g)	88.7
Frazione > 63 μm (%)	34.2
Frazione < 63 μm (%)	65.8

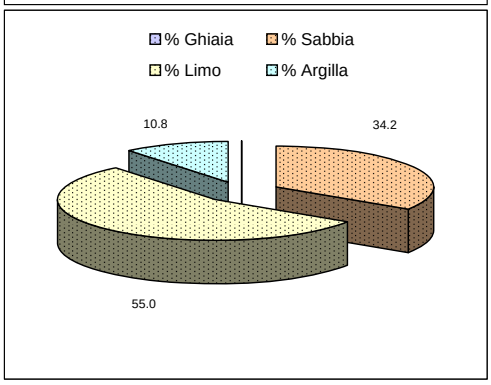
Frazione grossolana (> 63 μm) = 34.2	
% Ghiaia	% Sabbia
0.0	34.2

Frazione pelitica (< 63 μm) = 65.8	
% Limo	% Argilla
55.0	10.8

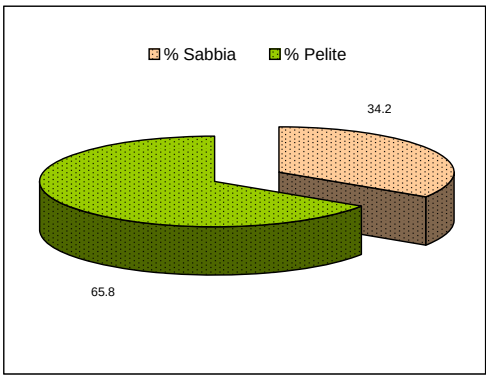
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.098
Deviazione Standard	2.158
Asimmetria (Skewness)	0.131
Appuntimento (Kurtosis)	1.064
Mediana (Φ)	4.921
Moda (Φ)	4.000

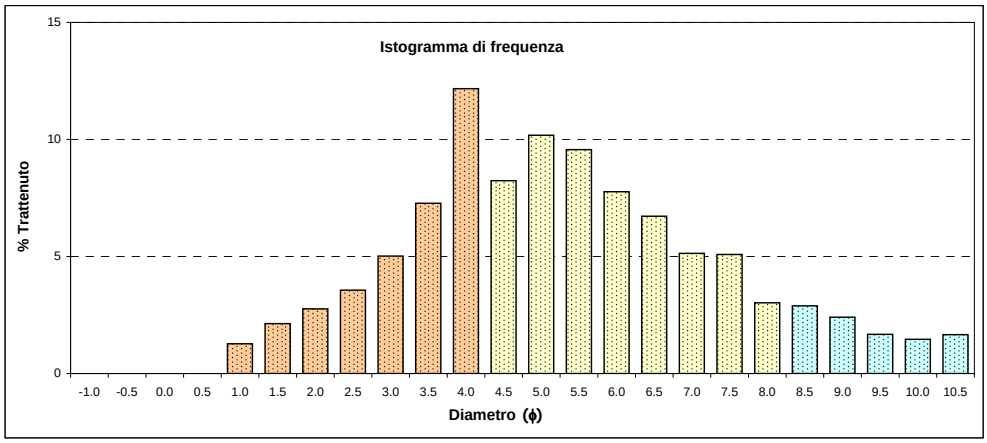
Percentili (Φ)	
5	1.768
16	3.082
25	3.621
50	4.921
75	6.432
84	7.292
95	9.066

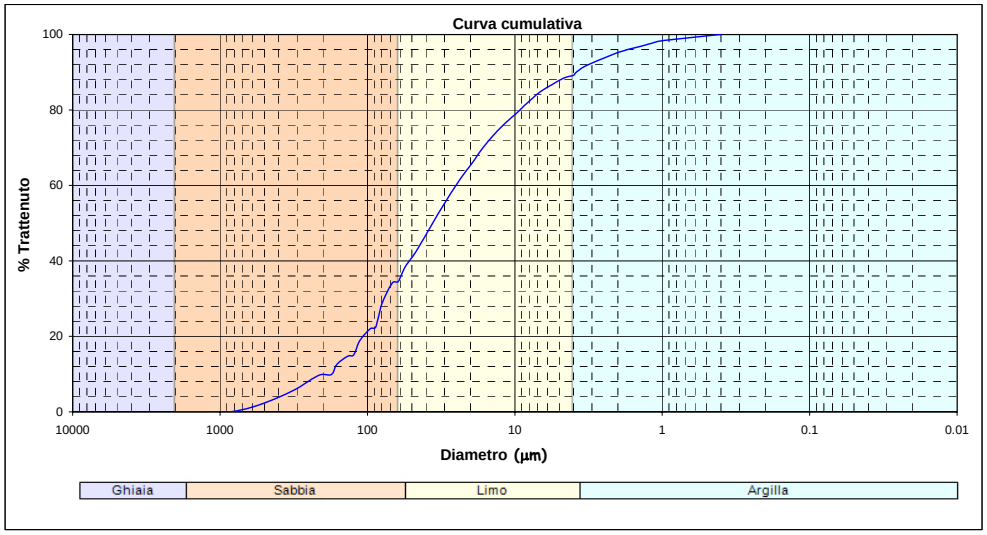
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.27%	1.27%
500	1		
500	1	2.13%	3.40%
353.55	1.5		
353.55	1.5	2.76%	6.17%
250	2		
250	2	3.56%	9.73%
176.78	2.5		
176.78	2.5	0.17%	9.90%
175	2.515		
175	2.515	2.71%	12.61%
147	2.766		
147	2.766	2.13%	14.74%
125	3		
125	3	0.34%	15.09%
123	3.023		
123	3.023	3.72%	18.81%
103	3.279		
103	3.279	3.21%	22.02%
88.39	3.5		
88.39	3.5	0.51%	22.53%
87	3.523		
87	3.523	6.03%	28.56%
73	3.776		
73	3.776	5.63%	34.19%
62.5	4		
62.5	4	0.32%	34.52%
61	4.035		
61	4.035	3.64%	38.16%
51	4.293		
51	4.293	4.27%	42.43%
43	4.54		
43	4.54	4.96%	47.39%
36	4.796		
36	4.796	5.22%	52.61%
30	5.059		
30	5.059	5.04%	57.65%
25	5.322		
25	5.322	4.52%	62.18%
21	5.573		
21	5.573	3.72%	65.89%
18	5.796		
18	5.796	4.05%	69.94%
15	6.059		
15	6.059	3.64%	73.58%
12.5	6.322		
12.5	6.322	3.09%	76.67%
10.5	6.573		
10.5	6.573	2.46%	79.13%
9	6.796		
9	6.796	2.67%	81.80%
7.5	7.059		
7.5	7.059	2.96%	84.75%
6	7.381		
6	7.381	2.13%	86.89%
5	7.644		
5	7.644	1.59%	88.47%
4.3	7.861		
4.3	7.861	0.72%	89.19%
4	7.966		
4	7.966	0.72%	89.91%
3.7	8.078		
3.7	8.078	1.53%	91.44%
3.1	8.334		
3.1	8.334	1.36%	92.80%
2.6	8.587		
2.6	8.587	1.16%	93.96%
2.2	8.828		
2.2	8.828	1.24%	95.21%
1.8	9.118		
1.8	9.118	0.99%	96.19%
1.5	9.381		
1.5	9.381	0.69%	96.88%
1.3	9.587		
1.3	9.587	0.72%	97.59%
1.1	9.828		
1.1	9.828	0.74%	98.34%
0.9	10.118		
< 0,900	> 10,118	1.66%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 30
Livello (cm)	(50-75)
Peso totale (g)	55.1
Frazione > 63 μm (%)	32.2
Frazione < 63 μm (%)	67.8

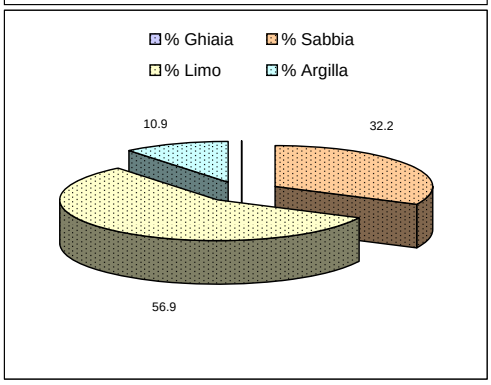
Frazione grossolana (> 63 μm) = 32.2	
% Ghiaia	% Sabbia
0.0	32.2

Frazione pelitica (< 63 μm) = 67.8	
% Limo	% Argilla
56.9	10.9

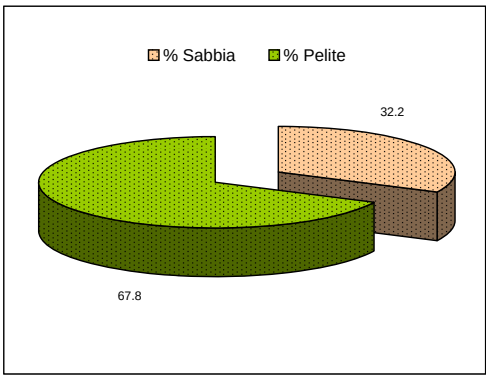
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.222
Deviazione Standard	2.075
Asimmetria (Skewness)	0.115
Appuntimento (Kurtosis)	1.027
Mediana (Φ)	5.097
Moda (Φ)	4.000

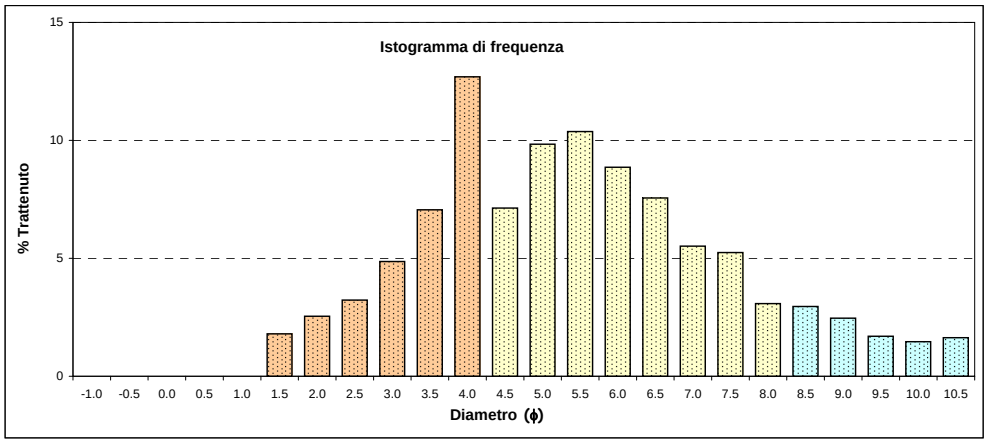
Percentili (Φ)	
5	2.089
16	3.248
25	3.714
50	5.097
75	6.500
84	7.321
95	9.068

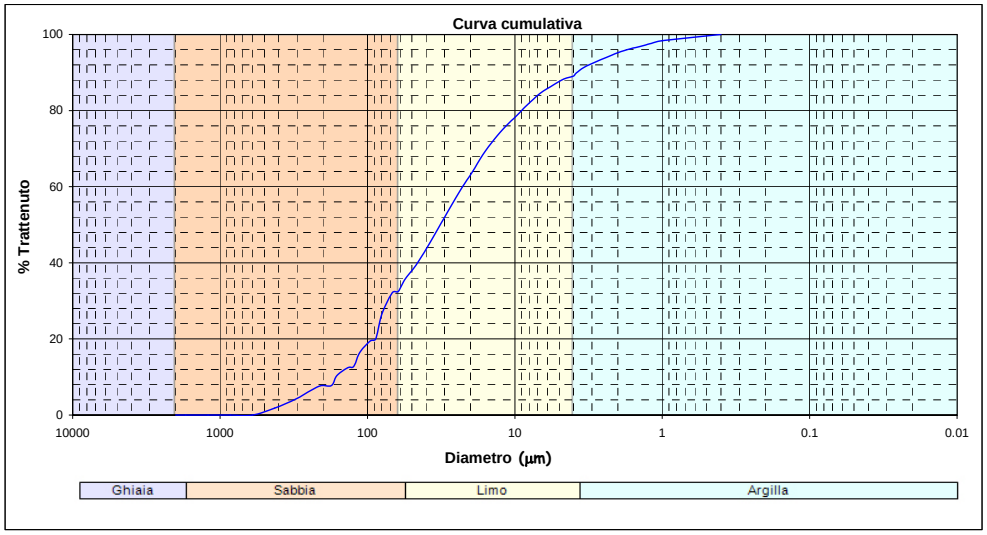
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.80%	1.80%
353.55	1.5		
353.55	1.5	2.54%	4.34%
250	2		
250	2	3.23%	7.57%
176.78	2.5		
176.78	2.5	0.17%	7.74%
175	2.515		
175	2.515	2.63%	10.37%
147	2.766		
147	2.766	2.07%	12.43%
125	3		
125	3	0.34%	12.77%
123	3.023		
123	3.023	3.64%	16.41%
103	3.279		
103	3.279	3.08%	19.49%
88.39	3.5		
88.39	3.5	0.56%	20.05%
87	3.523		
87	3.523	6.41%	26.46%
73	3.776		
73	3.776	5.72%	32.18%
62.5	4		
62.5	4	0.27%	32.45%
61	4.035		
61	4.035	3.09%	35.54%
51	4.293		
51	4.293	3.77%	39.32%
43	4.54		
43	4.54	4.64%	43.95%
36	4.796		
36	4.796	5.20%	49.15%
30	5.059		
30	5.059	5.35%	54.50%
25	5.322		
25	5.322	5.02%	59.53%
21	5.573		
21	5.573	4.23%	63.75%
18	5.796		
18	5.796	4.63%	68.39%
15	6.059		
15	6.059	4.12%	72.51%
12.5	6.322		
12.5	6.322	3.44%	75.94%
10.5	6.573		
10.5	6.573	2.68%	78.62%
9	6.796		
9	6.796	2.84%	81.46%
7.5	7.059		
7.5	7.059	3.06%	84.52%
6	7.381		
6	7.381	2.18%	86.71%
5	7.644		
5	7.644	1.61%	88.32%
4.3	7.861		
4.3	7.861	0.73%	89.05%
4	7.966		
4	7.966	0.73%	89.78%
3.7	8.078		
3.7	8.078	1.56%	91.35%
3.1	8.334		
3.1	8.334	1.40%	92.74%
2.6	8.587		
2.6	8.587	1.19%	93.93%
2.2	8.828		
2.2	8.828	1.27%	95.20%
1.8	9.118		
1.8	9.118	1.00%	96.21%
1.5	9.381		
1.5	9.381	0.70%	96.90%
1.3	9.587		
1.3	9.587	0.72%	97.62%
1.1	9.828		
1.1	9.828	0.74%	98.36%
0.9	10.118		
< 0,900	> 10,118	1.64%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 30
Livello (cm)	(75-100)
Peso totale (g)	33.7
Frazione > 63 μm (%)	28.4
Frazione < 63 μm (%)	71.6

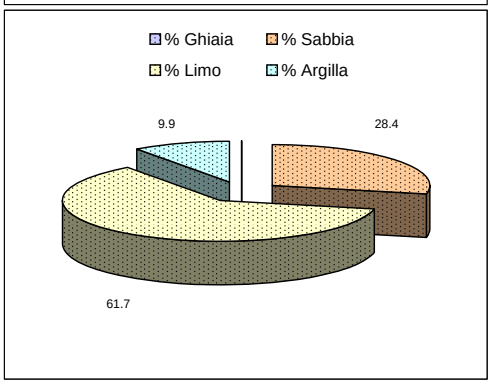
Frazione grossolana (> 63 μm) = 28.4	
% Ghiaia	% Sabbia
0.0	28.4

Frazione pelitica (< 63 μm) = 71.6	
% Limo	% Argilla
61.7	9.9

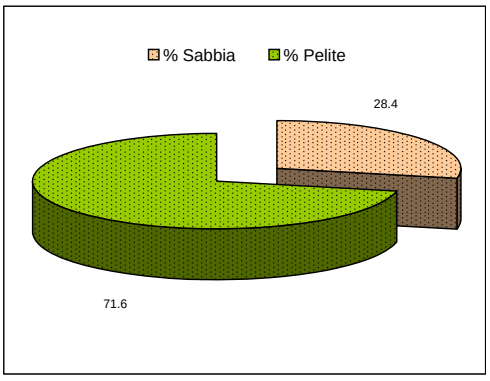
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.182
Deviazione Standard	1.916
Asimmetria (Skewness)	0.201
Appuntimento (Kurtosis)	1.065
Mediana (Φ)	4.967
Moda (Φ)	5.000

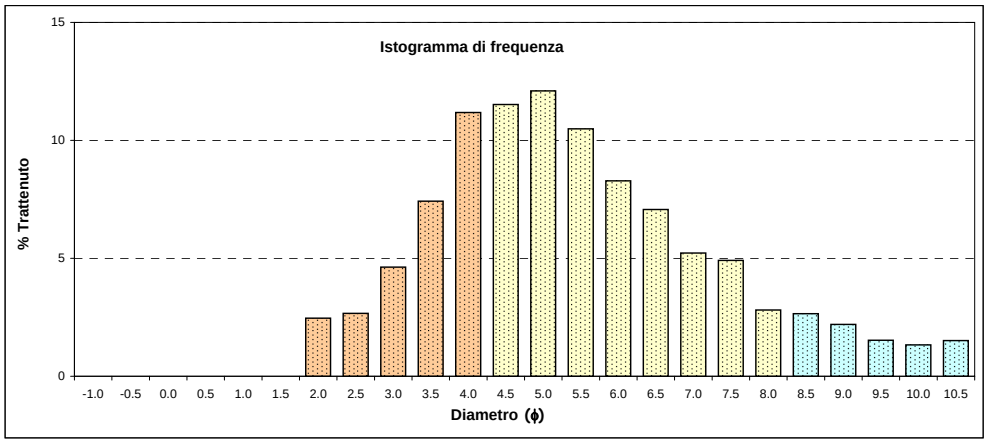
Percentili (Φ)	
5	2.471
16	3.422
25	3.858
50	4.967
75	6.351
84	7.158
95	8.952

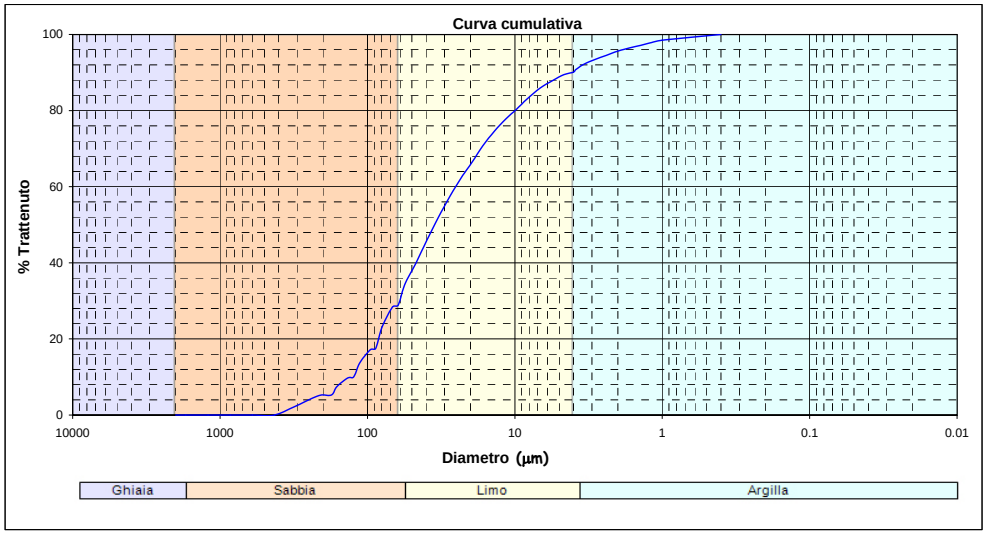
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.46%	2.46%
250	2		
250	2	2.67%	5.13%
176.78	2.5		
176.78	2.5	0.13%	5.26%
175	2.515		
175	2.515	2.22%	7.48%
147	2.766		
147	2.766	2.27%	9.76%
125	3		
125	3	0.28%	10.04%
123	3.023		
123	3.023	3.62%	13.66%
103	3.279		
103	3.279	3.51%	17.17%
88.39	3.5		
88.39	3.5	0.40%	17.57%
87	3.523		
87	3.523	5.34%	22.91%
73	3.776		
73	3.776	5.45%	28.36%
62.5	4		
62.5	4	0.54%	28.90%
61	4.035		
61	4.035	5.32%	34.22%
51	4.293		
51	4.293	5.66%	39.88%
43	4.54		
43	4.54	6.08%	45.96%
36	4.796		
36	4.796	6.02%	51.98%
30	5.059		
30	5.059	5.59%	57.57%
25	5.322		
25	5.322	4.90%	62.46%
21	5.573		
21	5.573	3.98%	66.44%
18	5.796		
18	5.796	4.31%	70.75%
15	6.059		
15	6.059	3.84%	74.59%
12.5	6.322		
12.5	6.322	3.23%	77.82%
10.5	6.573		
10.5	6.573	2.53%	80.36%
9	6.796		
9	6.796	2.69%	83.05%
7.5	7.059		
7.5	7.059	2.88%	85.93%
6	7.381		
6	7.381	2.03%	87.96%
5	7.644		
5	7.644	1.48%	89.44%
4.3	7.861		
4.3	7.861	0.66%	90.11%
4	7.966		
4	7.966	0.66%	90.77%
3.7	8.078		
3.7	8.078	1.41%	92.18%
3.1	8.334		
3.1	8.334	1.25%	93.42%
2.6	8.587		
2.6	8.587	1.06%	94.49%
2.2	8.828		
2.2	8.828	1.14%	95.62%
1.8	9.118		
1.8	9.118	0.90%	96.53%
1.5	9.381		
1.5	9.381	0.63%	97.15%
1.3	9.587		
1.3	9.587	0.65%	97.81%
1.1	9.828		
1.1	9.828	0.68%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 31
Livello (cm)	(0-25)
Peso totale (g)	45.5
Frazione > 63 μm (%)	19.2
Frazione < 63 μm (%)	80.8

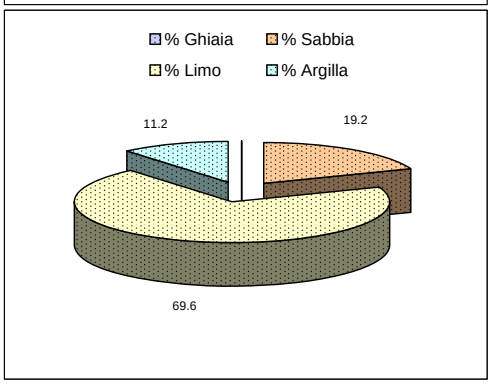
Frazione grossolana (> 63 μm) = 19.2	
% Ghiaia	% Sabbia
0.0	19.2

Frazione pelitica (< 63 μm) = 80.8	
% Limo	% Argilla
69.6	11.2

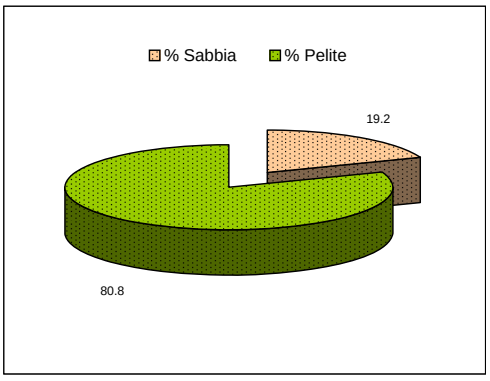
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.521
Deviazione Standard	1.815
Asimmetria (Skewness)	0.204
Appuntimento (Kurtosis)	1.086
Mediana (Φ)	5.327
Moda (Φ)	5.000

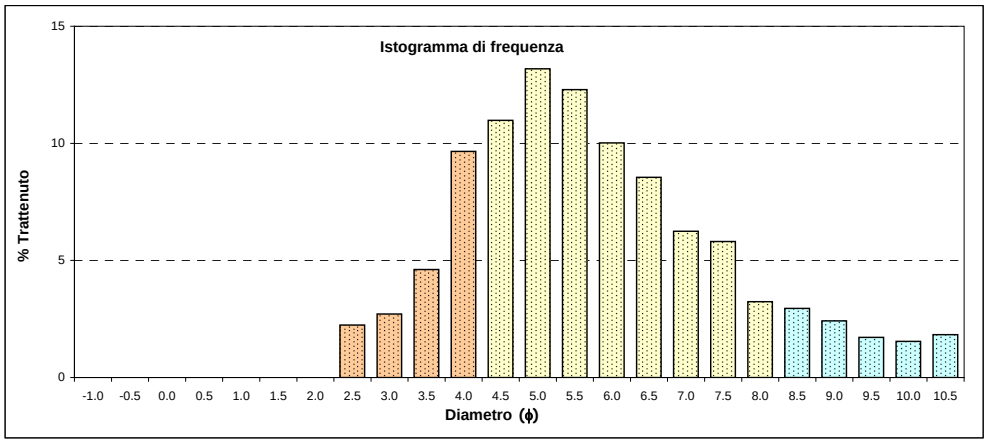
Percentili (Φ)	
5	3.006
16	3.847
25	4.311
50	5.327
75	6.625
84	7.390
95	9.138

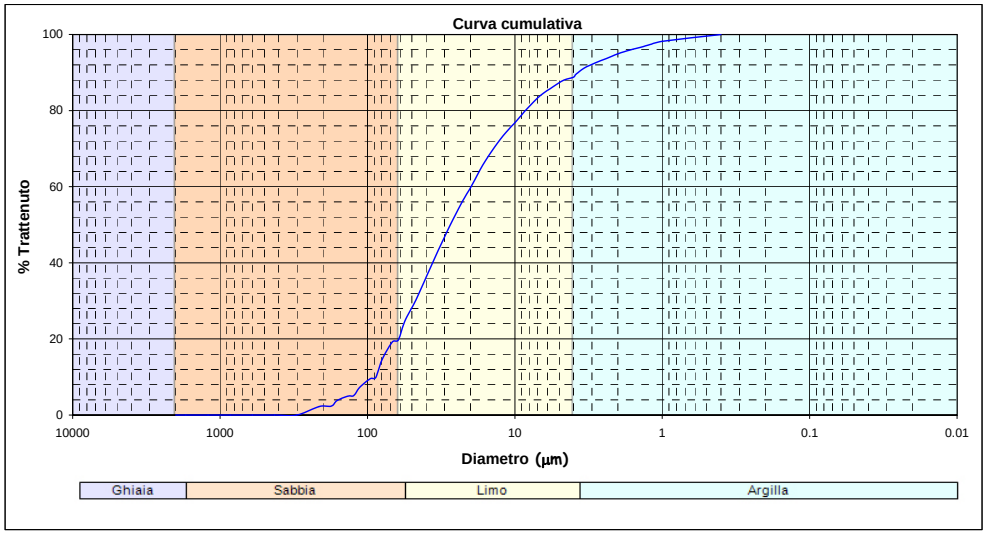
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.24%	2.24%
176.78	2.5		
176.78	2.5	0.09%	2.33%
175	2.515		
175	2.515	1.45%	3.79%
147	2.766		
147	2.766	1.17%	4.95%
125	3		
125	3	0.17%	5.12%
123	3.023		
123	3.023	2.16%	7.28%
103	3.279		
103	3.279	2.29%	9.56%
88.39	3.5		
88.39	3.5	0.32%	9.89%
87	3.523		
87	3.523	4.49%	14.38%
73	3.776		
73	3.776	4.84%	19.22%
62.5	4		
62.5	4	0.45%	19.67%
61	4.035		
61	4.035	4.90%	24.56%
51	4.293		
51	4.293	5.64%	30.20%
43	4.54		
43	4.54	6.46%	36.66%
36	4.796		
36	4.796	6.72%	43.38%
30	5.059		
30	5.059	6.48%	49.86%
25	5.322		
25	5.322	5.82%	55.68%
21	5.573		
21	5.573	4.79%	60.47%
18	5.796		
18	5.796	5.22%	65.70%
15	6.059		
15	6.059	4.66%	70.35%
12.5	6.322		
12.5	6.322	3.90%	74.25%
10.5	6.573		
10.5	6.573	3.04%	77.28%
9	6.796		
9	6.796	3.21%	80.49%
7.5	7.059		
7.5	7.059	3.42%	83.91%
6	7.381		
6	7.381	2.39%	86.30%
5	7.644		
5	7.644	1.72%	88.03%
4.3	7.861		
4.3	7.861	0.76%	88.79%
4	7.966		
4	7.966	0.76%	89.54%
3.7	8.078		
3.7	8.078	1.57%	91.12%
3.1	8.334		
3.1	8.334	1.38%	92.50%
2.6	8.587		
2.6	8.587	1.17%	93.66%
2.2	8.828		
2.2	8.828	1.25%	94.91%
1.8	9.118		
1.8	9.118	1.00%	95.92%
1.5	9.381		
1.5	9.381	0.71%	96.63%
1.3	9.587		
1.3	9.587	0.75%	97.38%
1.1	9.828		
1.1	9.828	0.80%	98.17%
0.9	10.118		
< 0,900	> 10,118	1.83%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 31
Livello (cm)	(25-50)
Peso totale (g)	46.9
Frazione > 63 μm (%)	26.8
Frazione < 63 μm (%)	73.2

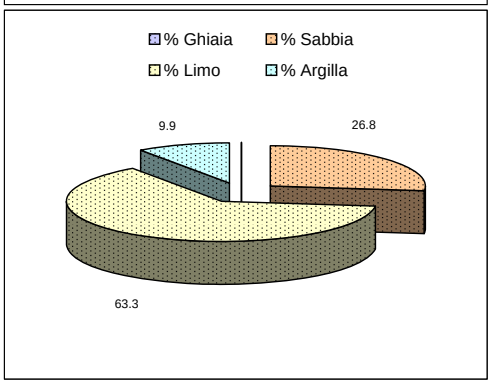
Frazione grossolana (> 63 μm) = 26.8	
% Ghiaia	% Sabbia
0.0	26.8

Frazione pelitica (< 63 μm) = 73.2	
% Limo	% Argilla
63.3	9.9

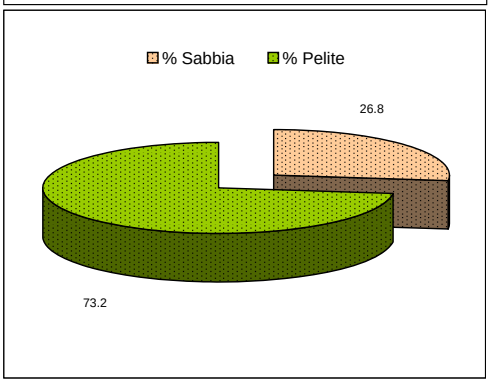
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.316
Deviazione Standard	1.951
Asimmetria (Skewness)	0.091
Appuntimento (Kurtosis)	1.070
Mediana (Φ)	5.227
Moda (Φ)	5.500

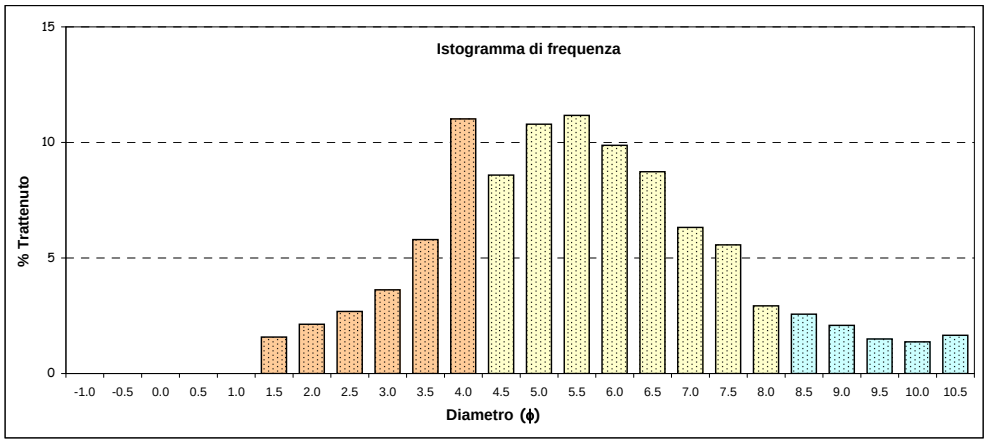
Percentili (Φ)	
5	2.218
16	3.509
25	3.916
50	5.227
75	6.506
84	7.212
95	8.984

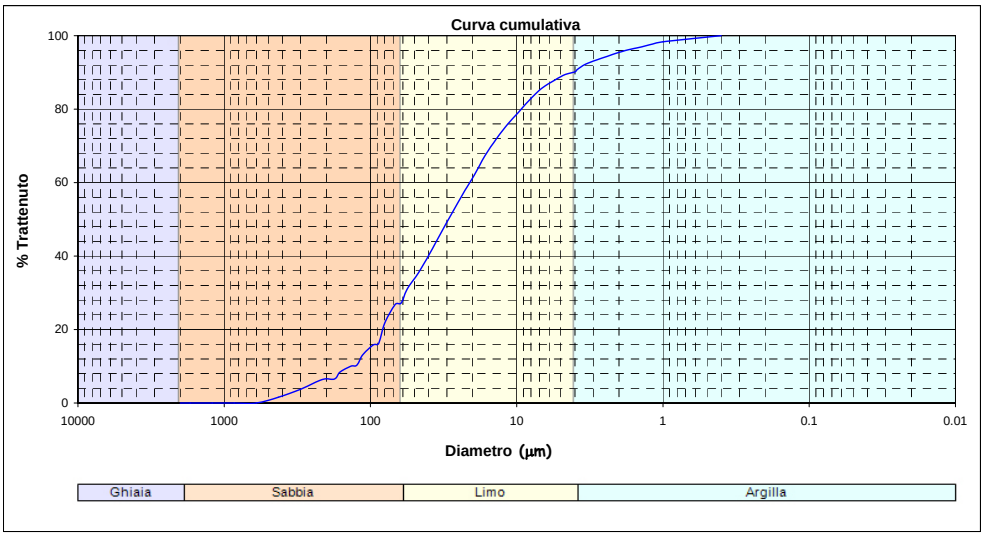
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.58%	1.58%
353.55	1.5		
353.55	1.5	2.13%	3.71%
250	2		
250	2	2.69%	6.40%
176.78	2.5		
176.78	2.5	0.12%	6.52%
175	2.515		
175	2.515	1.93%	8.45%
147	2.766		
147	2.766	1.57%	10.02%
125	3		
125	3	0.24%	10.26%
123	3.023		
123	3.023	2.84%	13.10%
103	3.279		
103	3.279	2.72%	15.82%
88.39	3.5		
88.39	3.5	0.44%	16.26%
87	3.523		
87	3.523	5.42%	21.69%
73	3.776		
73	3.776	5.15%	26.84%
62.5	4		
62.5	4	0.37%	27.21%
61	4.035		
61	4.035	3.83%	31.04%
51	4.293		
51	4.293	4.39%	35.43%
43	4.54		
43	4.54	5.16%	40.59%
36	4.796		
36	4.796	5.63%	46.22%
30	5.059		
30	5.059	5.74%	51.96%
25	5.322		
25	5.322	5.43%	57.39%
21	5.573		
21	5.573	4.65%	62.04%
18	5.796		
18	5.796	5.22%	67.26%
15	6.059		
15	6.059	4.74%	72.00%
12.5	6.322		
12.5	6.322	4.00%	76.00%
10.5	6.573		
10.5	6.573	3.11%	79.10%
9	6.796		
9	6.796	3.22%	82.32%
7.5	7.059		
7.5	7.059	3.33%	85.65%
6	7.381		
6	7.381	2.25%	87.89%
5	7.644		
5	7.644	1.57%	89.47%
4.3	7.861		
4.3	7.861	0.68%	90.14%
4	7.966		
4	7.966	0.68%	90.82%
3.7	8.078		
3.7	8.078	1.38%	92.20%
3.1	8.334		
3.1	8.334	1.19%	93.39%
2.6	8.587		
2.6	8.587	1.01%	94.39%
2.2	8.828		
2.2	8.828	1.08%	95.47%
1.8	9.118		
1.8	9.118	0.87%	96.35%
1.5	9.381		
1.5	9.381	0.62%	96.97%
1.3	9.587		
1.3	9.587	0.66%	97.63%
1.1	9.828		
1.1	9.828	0.71%	98.34%
0.9	10.118		
< 0,900	> 10,118	1.66%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 31**
Livello (cm)	**(50-75)**
Peso totale (g)	76.1
Frazione > 63 μm (%)	19.0
Frazione < 63 μm (%)	81.0

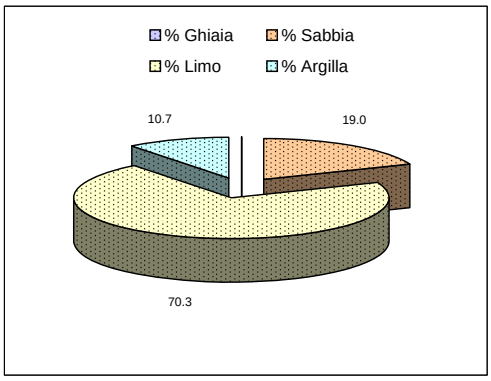
Frazione grossolana (> 63 μm) = 19.0	
% Ghiaia	**% Sabbia**
0.0	**19.0**

Frazione pelitica (< 63 μm) = 81.0	
% Limo	**% Argilla**
70.3	**10.7**

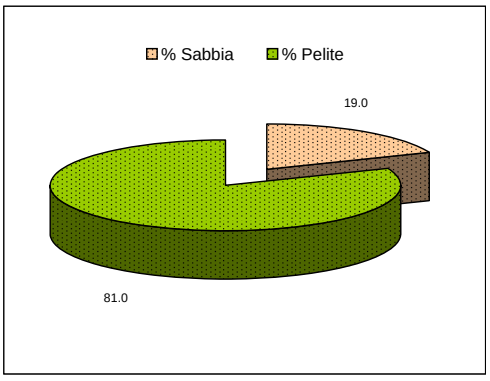
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.543
Deviazione Standard	1.823
Asimmetria (Skewness)	0.124
Appuntimento (Kurtosis)	1.115
Mediana (Φ)	5.438
Moda (Φ)	5.500

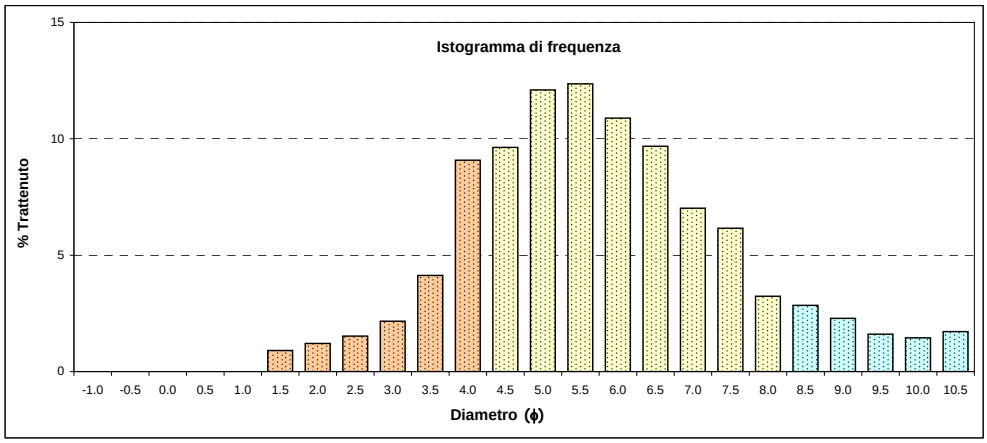
Percentili (Φ)	
5	2.801
16	3.845
25	4.354
50	5.438
75	6.655
84	7.345
95	9.059

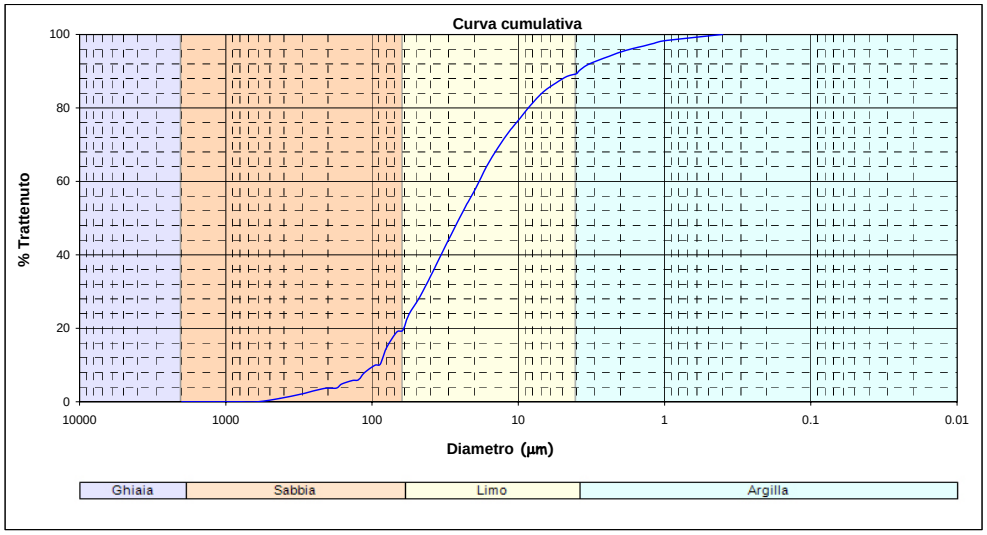
LIMO SABBIOSA
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.91%	0.91%
353.55	1.5		
353.55	1.5	1.21%	2.11%
250	2		
250	2	1.52%	3.64%
176.78	2.5		
176.78	2.5	0.07%	3.71%
175	2.515		
175	2.515	1.14%	4.85%
147	2.766		
147	2.766	0.95%	5.80%
125	3		
125	3	0.15%	5.95%
123	3.023		
123	3.023	1.92%	7.87%
103	3.279		
103	3.279	2.06%	9.93%
88.39	3.5		
88.39	3.5	0.32%	10.25%
87	3.523		
87	3.523	4.29%	14.55%
73	3.776		
73	3.776	4.47%	19.02%
62.5	4		
62.5	4	0.40%	19.42%
61	4.035		
61	4.035	4.28%	23.69%
51	4.293		
51	4.293	4.95%	28.65%
43	4.54		
43	4.54	5.81%	34.46%
36	4.796		
36	4.796	6.29%	40.75%
30	5.059		
30	5.059	6.36%	47.11%
25	5.322		
25	5.322	5.99%	53.11%
21	5.573		
21	5.573	5.13%	58.23%
18	5.796		
18	5.796	5.76%	64.00%
15	6.059		
15	6.059	5.24%	69.24%
12.5	6.322		
12.5	6.322	4.43%	73.67%
10.5	6.573		
10.5	6.573	3.45%	77.12%
9	6.796		
9	6.796	3.57%	80.69%
7.5	7.059		
7.5	7.059	3.68%	84.37%
6	7.381		
6	7.381	2.48%	86.85%
5	7.644		
5	7.644	1.74%	88.59%
4.3	7.861		
4.3	7.861	0.75%	89.34%
4	7.966		
4	7.966	0.75%	90.09%
3.7	8.078		
3.7	8.078	1.53%	91.61%
3.1	8.334		
3.1	8.334	1.32%	92.93%
2.6	8.587		
2.6	8.587	1.11%	94.04%
2.2	8.828		
2.2	8.828	1.18%	95.22%
1.8	9.118		
1.8	9.118	0.94%	96.16%
1.5	9.381		
1.5	9.381	0.67%	96.83%
1.3	9.587		
1.3	9.587	0.70%	97.53%
1.1	9.828		
1.1	9.828	0.75%	98.28%
0.9	10.118		
< 0,900	> 10,118	1.72%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 31
Livello (cm)	(75-100)
Peso totale (g)	38.3
Frazione > 63 μm (%)	24.5
Frazione < 63 μm (%)	75.5

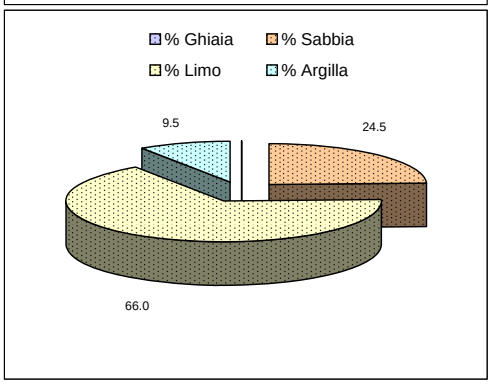
Frazione grossolana (> 63 μm) = 24.5	
% Ghiaia	% Sabbia
0.0	24.5

Frazione pelitica (< 63 μm) = 75.5	
% Limo	% Argilla
66.0	9.5

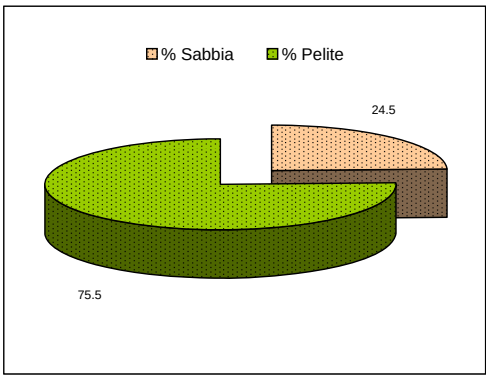
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.289
Deviazione Standard	1.826
Asimmetria (Skewness)	0.196
Appuntimento (Kurtosis)	1.084
Mediana (Φ)	5.082
Moda (Φ)	5.000

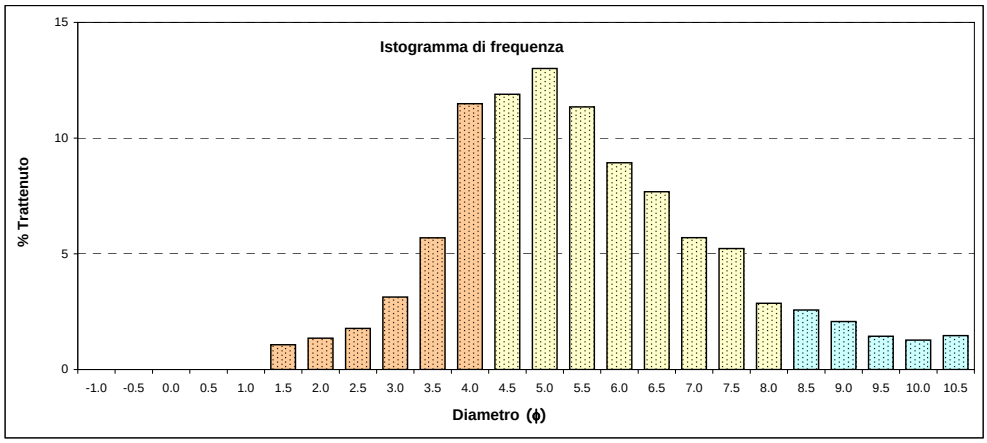
Percentili (Φ)	
5	2.629
16	3.636
25	4.032
50	5.082
75	6.398
84	7.147
95	8.890

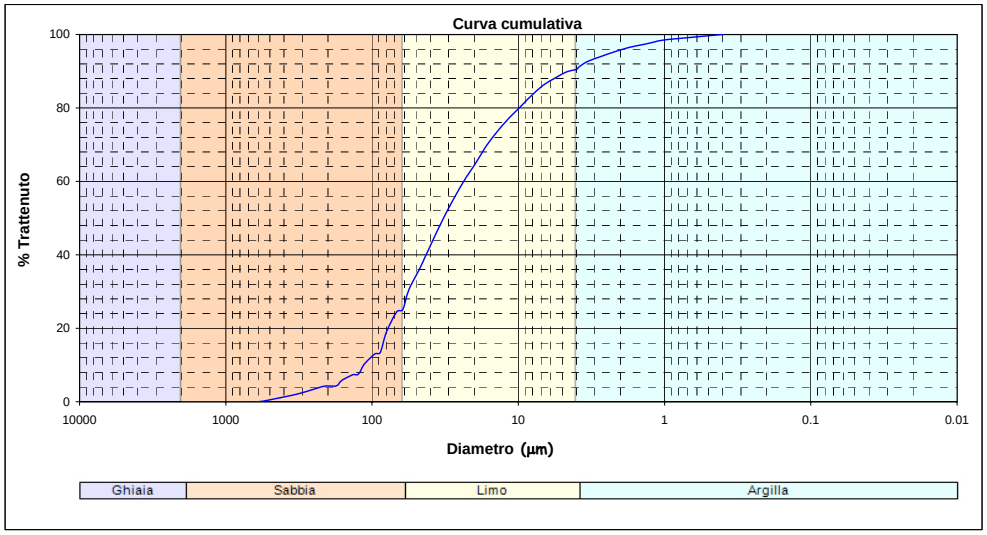
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.07%	1.07%
353.55	1.5		
353.55	1.5	1.36%	2.43%
250	2		
250	2	1.78%	4.21%
176.78	2.5		
176.78	2.5	0.09%	4.29%
175	2.515		
175	2.515	1.49%	5.78%
147	2.766		
147	2.766	1.56%	7.34%
125	3		
125	3	0.21%	7.55%
123	3.023		
123	3.023	2.71%	10.26%
103	3.279		
103	3.279	2.78%	13.03%
88.39	3.5		
88.39	3.5	0.41%	13.44%
87	3.523		
87	3.523	5.44%	18.88%
73	3.776		
73	3.776	5.63%	24.52%
62.5	4		
62.5	4	0.53%	25.05%
61	4.035		
61	4.035	5.43%	30.47%
51	4.293		
51	4.293	5.94%	36.41%
43	4.54		
43	4.54	6.50%	42.92%
36	4.796		
36	4.796	6.50%	49.42%
30	5.059		
30	5.059	6.05%	55.47%
25	5.322		
25	5.322	5.29%	60.76%
21	5.573		
21	5.573	4.29%	65.05%
18	5.796		
18	5.796	4.65%	69.70%
15	6.059		
15	6.059	4.16%	73.86%
12.5	6.322		
12.5	6.322	3.52%	77.38%
10.5	6.573		
10.5	6.573	2.77%	80.15%
9	6.796		
9	6.796	2.93%	83.08%
7.5	7.059		
7.5	7.059	3.09%	86.18%
6	7.381		
6	7.381	2.14%	88.31%
5	7.644		
5	7.644	1.53%	89.84%
4.3	7.861		
4.3	7.861	0.67%	90.51%
4	7.966		
4	7.966	0.67%	91.17%
3.7	8.078		
3.7	8.078	1.38%	92.55%
3.1	8.334		
3.1	8.334	1.20%	93.75%
2.6	8.587		
2.6	8.587	1.01%	94.75%
2.2	8.828		
2.2	8.828	1.07%	95.82%
1.8	9.118		
1.8	9.118	0.85%	96.67%
1.5	9.381		
1.5	9.381	0.59%	97.26%
1.3	9.587		
1.3	9.587	0.62%	97.88%
1.1	9.828		
1.1	9.828	0.65%	98.53%
0.9	10.118		
< 0,900	> 10,118	1.47%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 32
Livello (cm)	(0-25)
Peso totale (g)	24.6
Frazione > 63 µm (%)	2.9
Frazione < 63 µm (%)	97.1

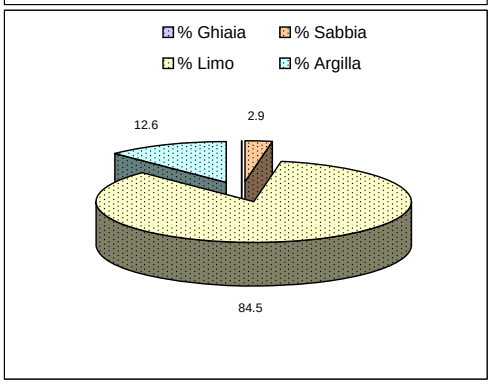
Frazione grossolana (> 63 µm) = 2.9	
% Ghiaia	% Sabbia
0.0	2.9

Frazione pelitica (< 63 µm) = 97.1	
% Limo	% Argilla
84.5	12.6

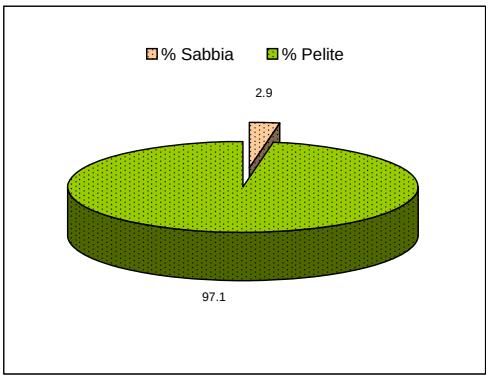
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.129
Deviazione Standard	1.459
Asimmetria (Skewness)	0.247
Appuntimento (Kurtosis)	1.252
Mediana (Φ)	5.964
Moda (Φ)	6.000

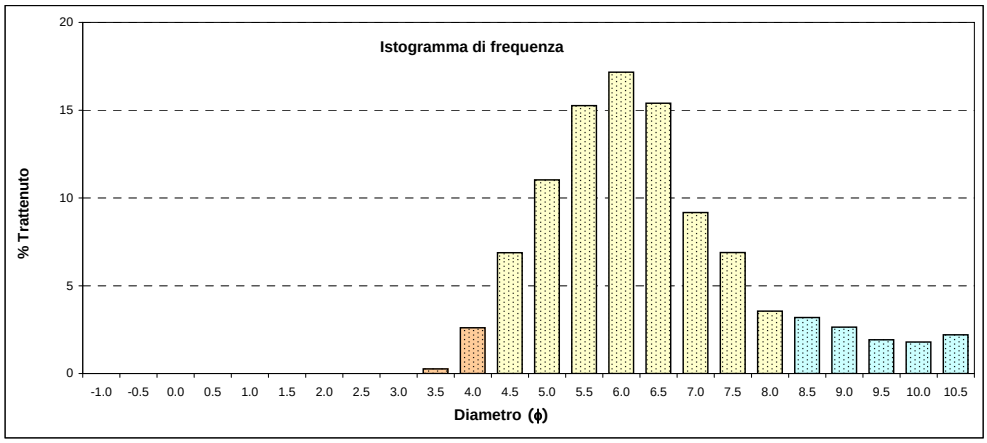
Percentili (Φ)	
5	4.199
16	4.849
25	5.206
50	5.964
75	6.887
84	7.574
95	9.333

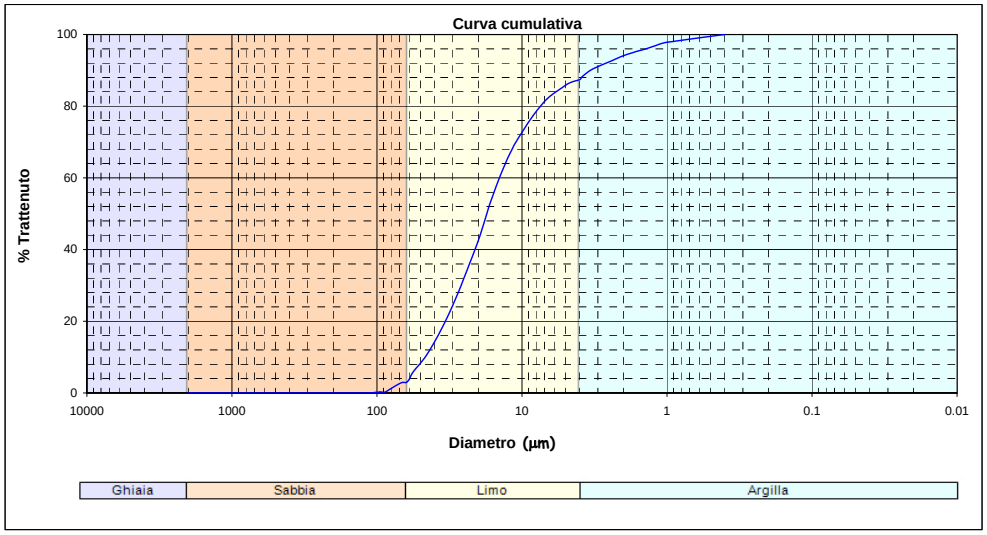
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.26%	0.26%
88.39	3.5		
88.39	3.5	0.03%	0.29%
87	3.523		
87	3.523	0.95%	1.24%
73	3.776		
73	3.776	1.63%	2.87%
62.5	4		
62.5	4	0.23%	3.10%
61	4.035		
61	4.035	2.90%	6.00%
51	4.293		
51	4.293	3.75%	9.75%
43	4.54		
43	4.54	4.92%	14.67%
36	4.796		
36	4.796	6.11%	20.78%
30	5.059		
30	5.059	7.25%	28.03%
25	5.322		
25	5.322	8.01%	36.05%
21	5.573		
21	5.573	7.76%	43.80%
18	5.796		
18	5.796	9.41%	53.21%
15	6.059		
15	6.059	8.58%	61.80%
12.5	6.322		
12.5	6.322	6.81%	68.61%
10.5	6.573		
10.5	6.573	4.77%	73.38%
9	6.796		
9	6.796	4.40%	77.78%
7.5	7.059		
7.5	7.059	4.17%	81.95%
6	7.381		
6	7.381	2.72%	84.67%
5	7.644		
5	7.644	1.90%	86.58%
4.3	7.861		
4.3	7.861	0.83%	87.40%
4	7.966		
4	7.966	0.83%	88.23%
3.7	8.078		
3.7	8.078	1.70%	89.93%
3.1	8.334		
3.1	8.334	1.49%	91.42%
2.6	8.587		
2.6	8.587	1.27%	92.69%
2.2	8.828		
2.2	8.828	1.38%	94.07%
1.8	9.118		
1.8	9.118	1.12%	95.19%
1.5	9.381		
1.5	9.381	0.80%	95.99%
1.3	9.587		
1.3	9.587	0.86%	96.86%
1.1	9.828		
1.1	9.828	0.93%	97.79%
0.9	10.118		
< 0,900	> 10,118	2.21%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 32
Livello (cm)	(25-50)
Peso totale (g)	41.5
Frazione > 63 μm (%)	2.4
Frazione < 63 μm (%)	97.6

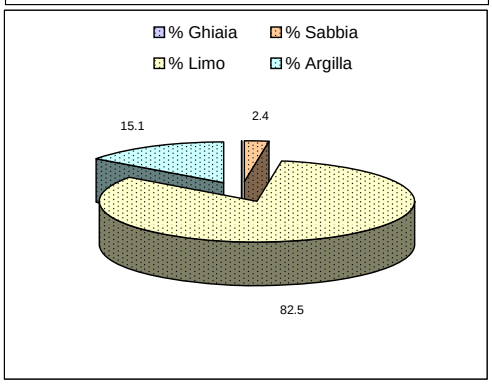
Frazione grossolana (> 63 μm) = 2.4	
% Ghiaia	% Sabbia
0.0	2.4

Frazione pelitica (< 63 μm) = 97.6	
% Limo	% Argilla
82.5	15.1

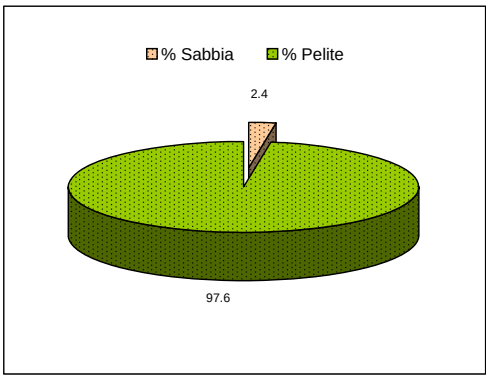
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.269
Deviazione Standard	1.536
Asimmetria (Skewness)	0.246
Appuntimento (Kurtosis)	1.075
Mediana (Φ)	6.070
Moda (Φ)	6.000

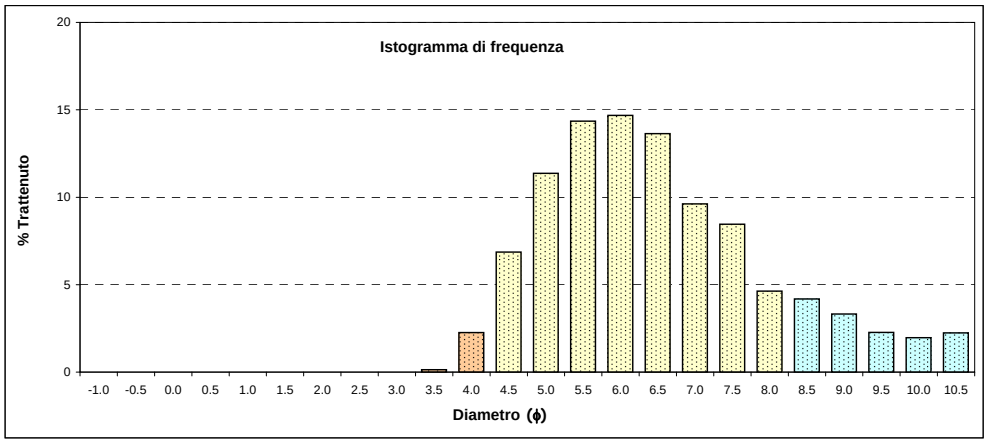
Percentili (Φ)	
5	4.251
16	4.860
25	5.217
50	6.070
75	7.184
84	7.876
95	9.411

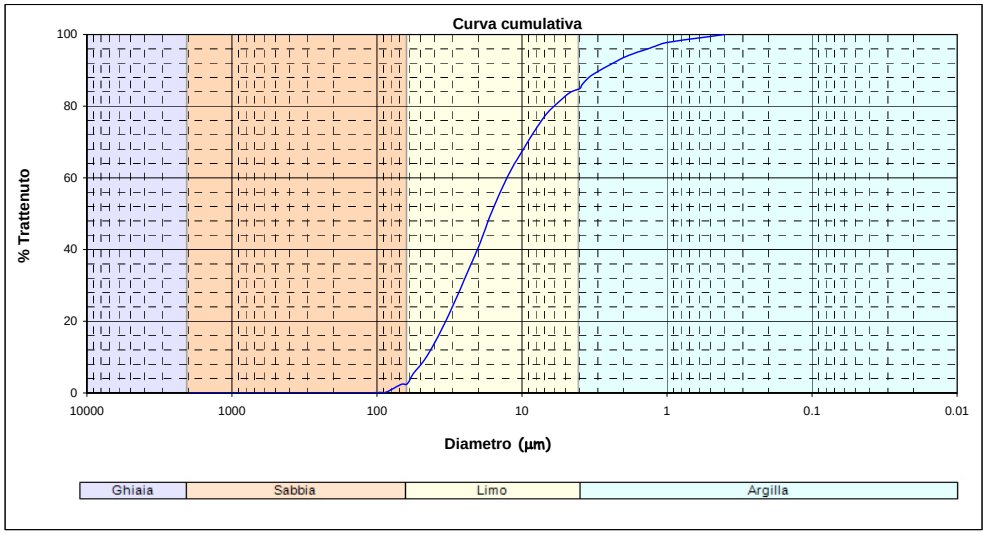
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.13%	0.13%
88.39	3.5		
88.39	3.5	0.01%	0.15%
87	3.523		
87	3.523	0.76%	0.91%
73	3.776		
73	3.776	1.49%	2.39%
62.5	4		
62.5	4	0.21%	2.60%
61	4.035		
61	4.035	2.82%	5.43%
51	4.293		
51	4.293	3.82%	9.25%
43	4.54		
43	4.54	5.12%	14.37%
36	4.796		
36	4.796	6.25%	20.62%
30	5.059		
30	5.059	7.05%	27.67%
25	5.322		
25	5.322	7.31%	34.97%
21	5.573		
21	5.573	6.72%	41.70%
18	5.796		
18	5.796	7.96%	49.66%
15	6.059		
15	6.059	7.40%	57.06%
12.5	6.322		
12.5	6.322	6.23%	63.30%
10.5	6.573		
10.5	6.573	4.76%	68.06%
9	6.796		
9	6.796	4.86%	72.92%
7.5	7.059		
7.5	7.059	5.01%	77.93%
6	7.381		
6	7.381	3.44%	81.38%
5	7.644		
5	7.644	2.47%	83.84%
4.3	7.861		
4.3	7.861	1.08%	84.93%
4	7.966		
4	7.966	1.08%	86.01%
3.7	8.078		
3.7	8.078	2.24%	88.25%
3.1	8.334		
3.1	8.334	1.94%	90.19%
2.6	8.587		
2.6	8.587	1.62%	91.81%
2.2	8.828		
2.2	8.828	1.70%	93.52%
1.8	9.118		
1.8	9.118	1.34%	94.86%
1.5	9.381		
1.5	9.381	0.93%	95.79%
1.3	9.587		
1.3	9.587	0.97%	96.75%
1.1	9.828		
1.1	9.828	1.00%	97.76%
0.9	10.118		
< 0,900	> 10,118	2.24%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 32**
Livello (cm)	**(50-75)**
Peso totale (g)	46.8
Frazione > 63 μm (%)	12.8
Frazione < 63 μm (%)	87.2

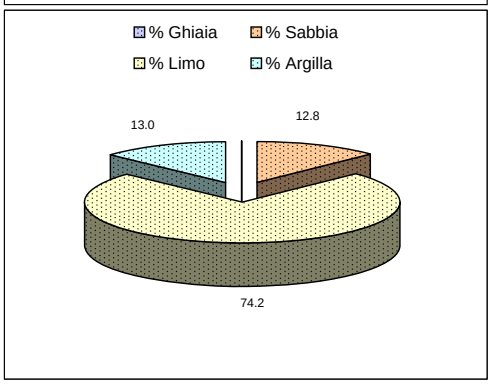
Frazione grossolana (> 63 μm) =	**12.8**
% Ghiaia	**% Sabbia**
0.0	**12.8**

Frazione pelitica (< 63 μm) =	**87.2**
% Limo	**% Argilla**
74.2	**13.0**

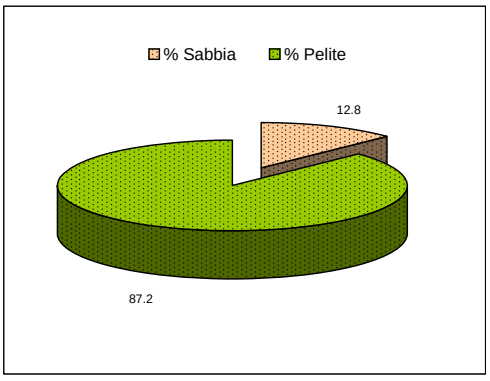
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.820
Deviazione Standard	1.751
Asimmetria (Skewness)	0.204
Appuntimento (Kurtosis)	1.052
Mediana (Φ)	5.610
Moda (Φ)	5.000

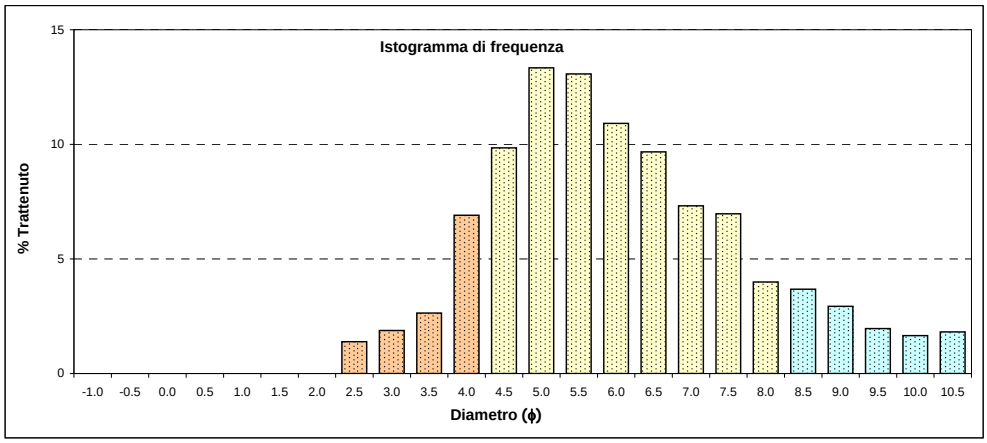
Percentili (Φ)	
5	3.336
16	4.203
25	4.628
50	5.610
75	6.915
84	7.647
95	9.209

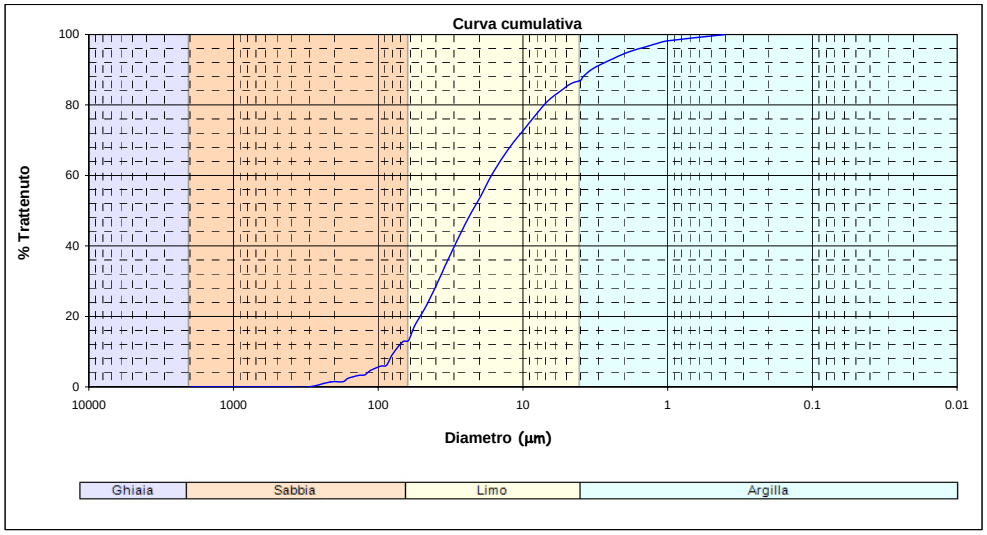
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.39%	1.39%
176.78	2.5		
176.78	2.5	0.06%	1.45%
175	2.515		
175	2.515	1.02%	2.47%
147	2.766		
147	2.766	0.80%	3.27%
125	3		
125	3	0.13%	3.40%
123	3.023		
123	3.023	1.26%	4.66%
103	3.279		
103	3.279	1.26%	5.91%
88.39	3.5		
88.39	3.5	0.20%	6.11%
87	3.523		
87	3.523	3.04%	9.15%
73	3.776		
73	3.776	3.67%	12.82%
62.5	4		
62.5	4	0.34%	13.16%
61	4.035		
61	4.035	4.23%	17.40%
51	4.293		
51	4.293	5.28%	22.67%
43	4.54		
43	4.54	6.40%	29.07%
36	4.796		
36	4.796	6.94%	36.01%
30	5.059		
30	5.059	6.84%	42.85%
25	5.322		
25	5.322	6.23%	49.08%
21	5.573		
21	5.573	5.18%	54.26%
18	5.796		
18	5.796	5.73%	60.00%
15	6.059		
15	6.059	5.22%	65.21%
12.5	6.322		
12.5	6.322	4.46%	69.67%
10.5	6.573		
10.5	6.573	3.54%	73.21%
9	6.796		
9	6.796	3.78%	76.99%
7.5	7.059		
7.5	7.059	4.08%	81.07%
6	7.381		
6	7.381	2.89%	83.96%
5	7.644		
5	7.644	2.11%	86.07%
4.3	7.861		
4.3	7.861	0.94%	87.02%
4	7.966		
4	7.966	0.94%	87.96%
3.7	8.078		
3.7	8.078	1.97%	89.92%
3.1	8.334		
3.1	8.334	1.72%	91.64%
2.6	8.587		
2.6	8.587	1.43%	93.07%
2.2	8.828		
2.2	8.828	1.50%	94.57%
1.8	9.118		
1.8	9.118	1.16%	95.73%
1.5	9.381		
1.5	9.381	0.80%	96.53%
1.3	9.587		
1.3	9.587	0.82%	97.35%
1.1	9.828		
1.1	9.828	0.84%	98.18%
0.9	10.118		
< 0,900	> 10,118	1.82%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 32
Livello (cm)	(75-100)
Peso totale (g)	55.4
Frazione > 63 μm (%)	15.4
Frazione < 63 μm (%)	84.6

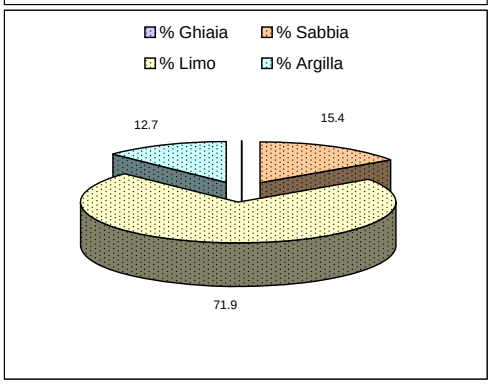
Frazione grossolana (> 63 μm) = 15.4	
% Ghiaia	% Sabbia
0.0	15.4

Frazione pelitica (< 63 μm) = 84.6	
% Limo	% Argilla
71.9	12.7

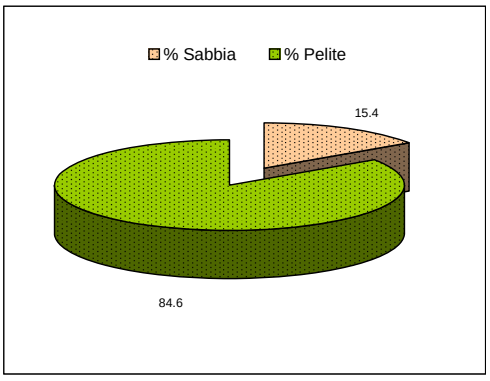
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.762
Deviazione Standard	1.863
Asimmetria (Skewness)	0.122
Appuntimento (Kurtosis)	1.151
Mediana (Φ)	5.625
Moda (Φ)	5.500

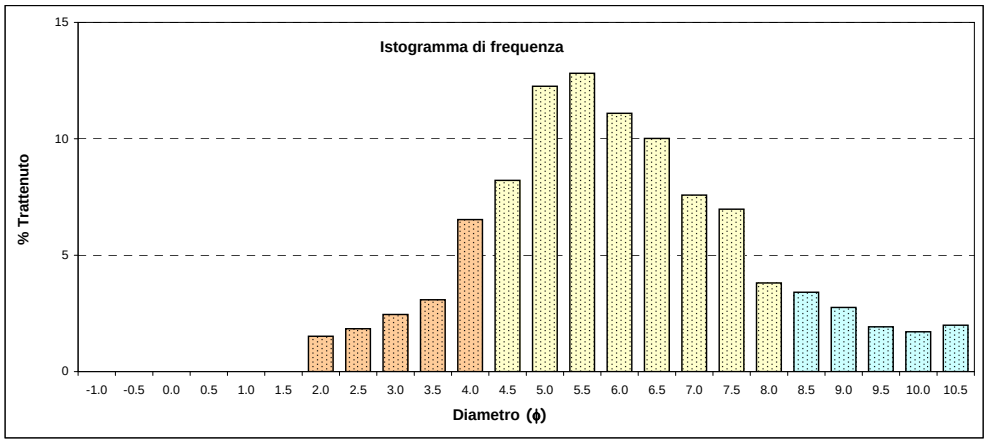
Percentili (Φ)	
5	2.814
16	4.057
25	4.596
50	5.625
75	6.890
84	7.604
95	9.258

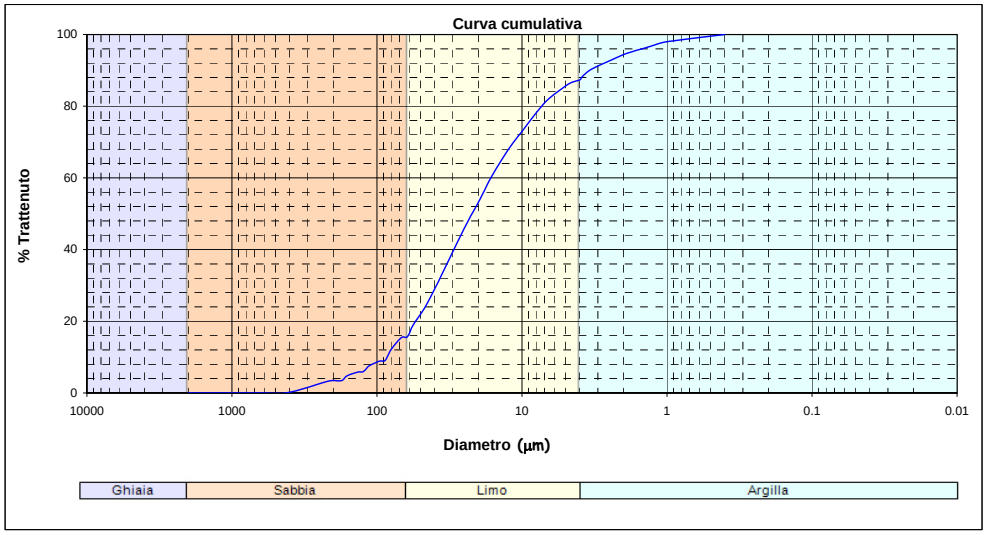
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.52%	1.52%
250	2		
250	2	1.84%	3.36%
176.78	2.5		
176.78	2.5	0.08%	3.44%
175	2.515		
175	2.515	1.33%	4.77%
147	2.766		
147	2.766	1.04%	5.81%
125	3		
125	3	0.16%	5.97%
123	3.023		
123	3.023	1.60%	7.57%
103	3.279		
103	3.279	1.33%	8.90%
88.39	3.5		
88.39	3.5	0.22%	9.12%
87	3.523		
87	3.523	2.96%	12.08%
73	3.776		
73	3.776	3.35%	15.43%
62.5	4		
62.5	4	0.26%	15.69%
61	4.035		
61	4.035	3.43%	19.12%
51	4.293		
51	4.293	4.53%	23.65%
43	4.54		
43	4.54	5.76%	29.41%
36	4.796		
36	4.796	6.50%	35.91%
30	5.059		
30	5.059	6.63%	42.53%
25	5.322		
25	5.322	6.19%	48.72%
21	5.573		
21	5.573	5.23%	53.96%
18	5.796		
18	5.796	5.86%	59.82%
15	6.059		
15	6.059	5.38%	65.20%
12.5	6.322		
12.5	6.322	4.63%	69.83%
10.5	6.573		
10.5	6.573	3.68%	73.51%
9	6.796		
9	6.796	3.91%	77.42%
7.5	7.059		
7.5	7.059	4.13%	81.55%
6	7.381		
6	7.381	2.85%	84.40%
5	7.644		
5	7.644	2.03%	86.43%
4.3	7.861		
4.3	7.861	0.89%	87.32%
4	7.966		
4	7.966	0.89%	88.20%
3.7	8.078		
3.7	8.078	1.83%	90.03%
3.1	8.334		
3.1	8.334	1.59%	91.62%
2.6	8.587		
2.6	8.587	1.34%	92.95%
2.2	8.828		
2.2	8.828	1.42%	94.37%
1.8	9.118		
1.8	9.118	1.13%	95.50%
1.5	9.381		
1.5	9.381	0.79%	96.29%
1.3	9.587		
1.3	9.587	0.83%	97.13%
1.1	9.828		
1.1	9.828	0.88%	98.00%
0.9	10.118		
< 0,900	> 10,118	2.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(0-25)
Peso totale (g)	34.3
Frazione > 63 μm (%)	8.9
Frazione < 63 μm (%)	91.1

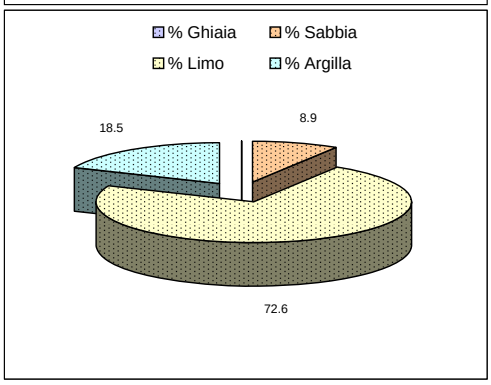
Frazione grossolana (> 63 μm) = 8.9	
% Ghiaia	% Sabbia
0.0	8.9

Frazione pelitica (< 63 μm) = 91.1	
% Limo	% Argilla
72.6	18.5

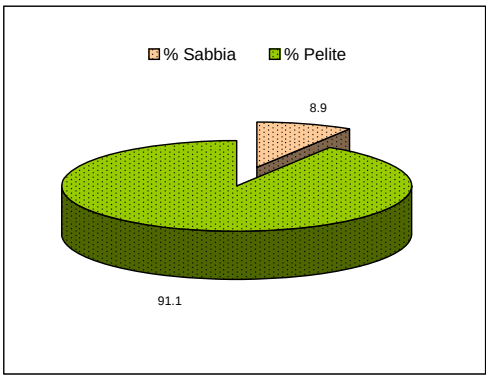
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.438
Deviazione Standard	1.859
Asimmetria (Skewness)	0.072
Appuntimento (Kurtosis)	1.290
Mediana (Φ)	6.280
Moda (Φ)	6.500

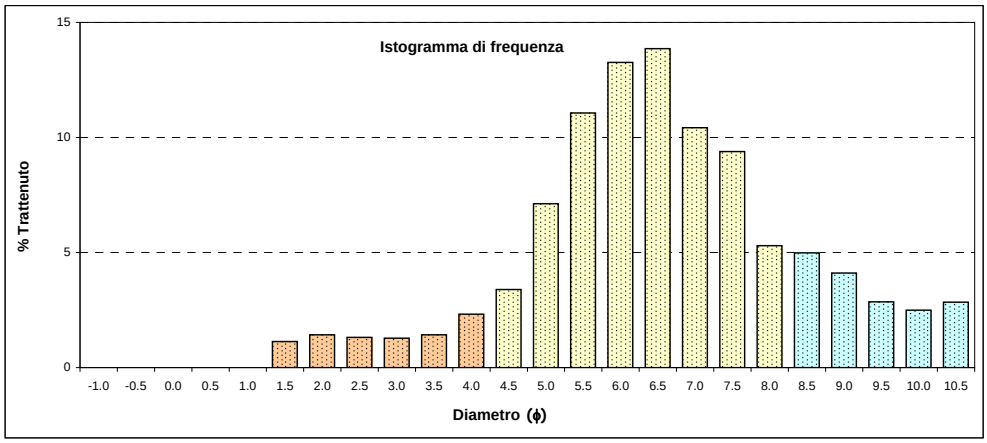
Percentili (Φ)	
5	2.929
16	4.838
25	5.338
50	6.280
75	7.474
84	8.198
95	9.651

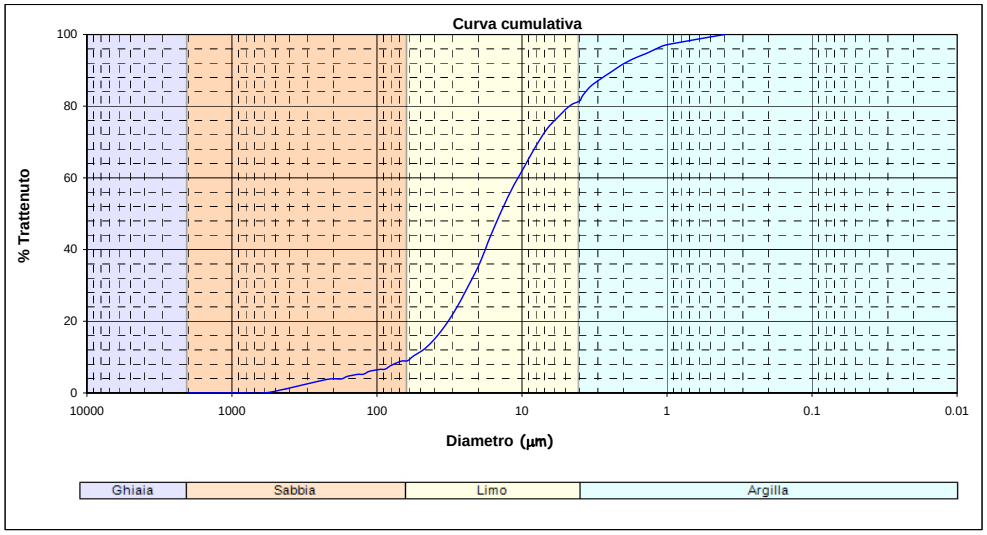
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.14%	1.14%
353.55	1.5		
353.55	1.5	1.43%	2.56%
250	2		
250	2	1.31%	3.88%
176.78	2.5		
176.78	2.5	0.04%	3.92%
175	2.515		
175	2.515	0.69%	4.61%
147	2.766		
147	2.766	0.54%	5.16%
125	3		
125	3	0.08%	5.23%
123	3.023		
123	3.023	0.78%	6.01%
103	3.279		
103	3.279	0.57%	6.58%
88.39	3.5		
88.39	3.5	0.08%	6.66%
87	3.523		
87	3.523	1.04%	7.70%
73	3.776		
73	3.776	1.20%	8.90%
62.5	4		
62.5	4	0.09%	8.99%
61	4.035		
61	4.035	1.31%	10.30%
51	4.293		
51	4.293	1.99%	12.30%
43	4.54		
43	4.54	3.00%	15.30%
36	4.796		
36	4.796	4.12%	19.41%
30	5.059		
30	5.059	5.18%	24.59%
25	5.322		
25	5.322	5.88%	30.48%
21	5.573		
21	5.573	5.83%	36.31%
18	5.796		
18	5.796	7.42%	43.74%
15	6.059		
15	6.059	7.36%	51.09%
12.5	6.322		
12.5	6.322	6.50%	57.59%
10.5	6.573		
10.5	6.573	5.12%	62.71%
9	6.796		
9	6.796	5.31%	68.02%
7.5	7.059		
7.5	7.059	5.54%	73.55%
6	7.381		
6	7.381	3.85%	77.40%
5	7.644		
5	7.644	2.80%	80.20%
4.3	7.861		
4.3	7.861	1.25%	81.45%
4	7.966		
4	7.966	1.25%	82.70%
3.7	8.078		
3.7	8.078	2.64%	85.35%
3.1	8.334		
3.1	8.334	2.34%	87.69%
2.6	8.587		
2.6	8.587	1.99%	89.68%
2.2	8.828		
2.2	8.828	2.12%	91.80%
1.8	9.118		
1.8	9.118	1.68%	93.49%
1.5	9.381		
1.5	9.381	1.17%	94.66%
1.3	9.587		
1.3	9.587	1.22%	95.88%
1.1	9.828		
1.1	9.828	1.27%	97.15%
0.9	10.118		
< 0,900	> 10,118	2.85%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(25-50)
Peso totale (g)	22.7
Frazione > 63 μm (%)	12.7
Frazione < 63 μm (%)	87.3

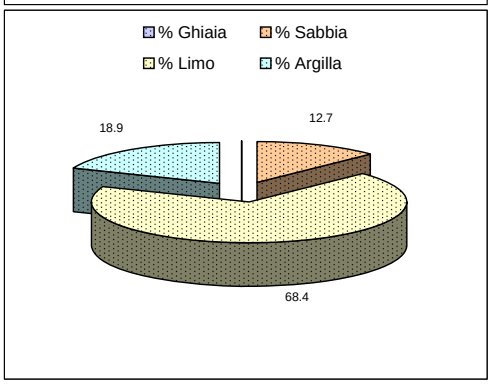
Frazione grossolana (> 63 μm) = 12.7	
% Ghiaia	% Sabbia
0.0	12.7

Frazione pelitica (< 63 μm) = 87.3	
% Limo	% Argilla
68.4	18.9

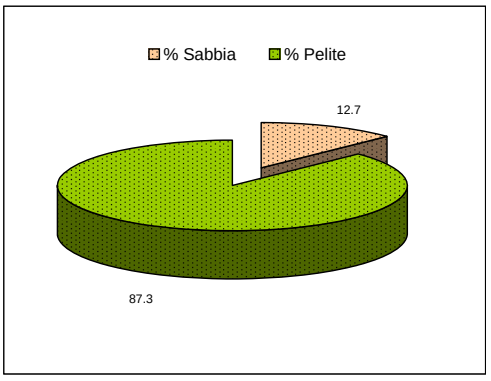
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.237
Deviazione Standard	1.955
Asimmetria (Skewness)	0.068
Appuntimento (Kurtosis)	1.050
Mediana (Φ)	6.133
Moda (Φ)	5.500

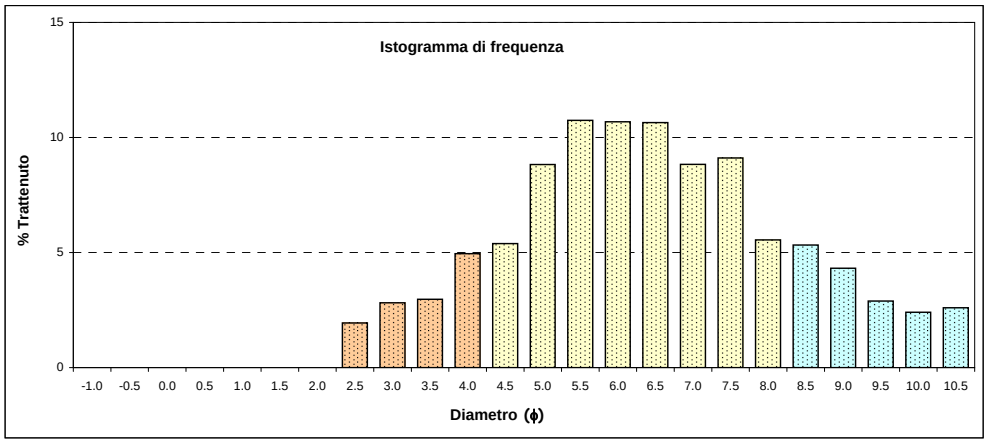
Percentili (Φ)	
5	3.036
16	4.365
25	4.950
50	6.133
75	7.508
84	8.212
95	9.588

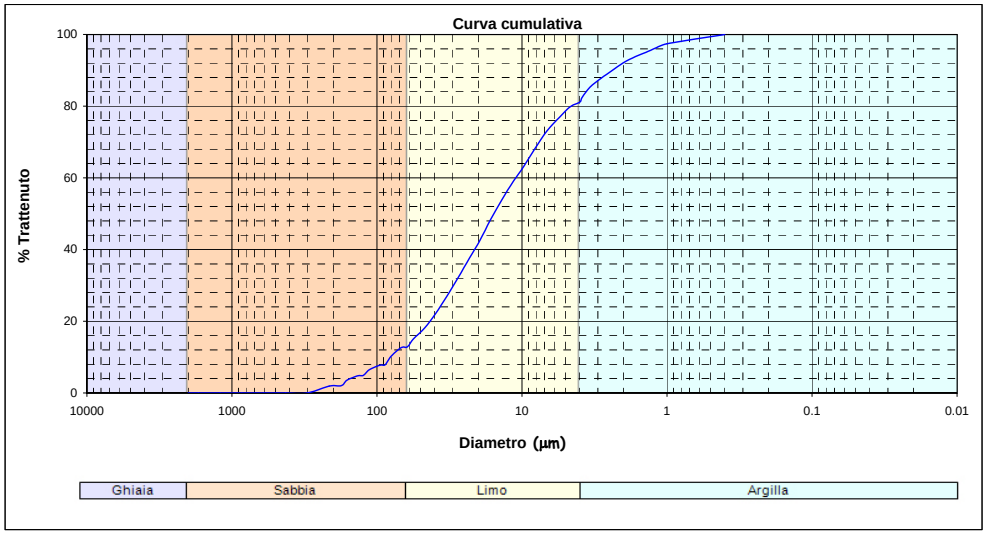
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.94%	1.94%
176.78	2.5		
176.78	2.5	0.10%	2.04%
175	2.515		
175	2.515	1.52%	3.56%
147	2.766		
147	2.766	1.20%	4.76%
125	3		
125	3	0.16%	4.91%
123	3.023		
123	3.023	1.56%	6.48%
103	3.279		
103	3.279	1.25%	7.73%
88.39	3.5		
88.39	3.5	0.18%	7.91%
87	3.523		
87	3.523	2.32%	10.22%
73	3.776		
73	3.776	2.46%	12.68%
62.5	4		
62.5	4	0.17%	12.85%
61	4.035		
61	4.035	2.22%	15.08%
51	4.293		
51	4.293	2.99%	18.07%
43	4.54		
43	4.54	4.00%	22.07%
36	4.796		
36	4.796	4.83%	26.90%
30	5.059		
30	5.059	5.35%	32.24%
25	5.322		
25	5.322	5.40%	37.65%
21	5.573		
21	5.573	4.88%	42.52%
18	5.796		
18	5.796	5.80%	48.32%
15	6.059		
15	6.059	5.61%	53.93%
12.5	6.322		
12.5	6.322	5.04%	58.97%
10.5	6.573		
10.5	6.573	4.17%	63.14%
9	6.796		
9	6.796	4.66%	67.80%
7.5	7.059		
7.5	7.059	5.25%	73.05%
6	7.381		
6	7.381	3.85%	76.91%
5	7.644		
5	7.644	2.90%	79.81%
4.3	7.861		
4.3	7.861	1.32%	81.13%
4	7.966		
4	7.966	1.32%	82.46%
3.7	8.078		
3.7	8.078	2.83%	85.28%
3.1	8.334		
3.1	8.334	2.50%	87.78%
2.6	8.587		
2.6	8.587	2.11%	89.89%
2.2	8.828		
2.2	8.828	2.21%	92.10%
1.8	9.118		
1.8	9.118	1.72%	93.82%
1.5	9.381		
1.5	9.381	1.17%	94.99%
1.3	9.587		
1.3	9.587	1.19%	96.19%
1.1	9.828		
1.1	9.828	1.21%	97.40%
0.9	10.118		
< 0,900	> 10,118	2.60%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(50-75)
Peso totale (g)	51.8
Frazione > 63 μm (%)	12.7
Frazione < 63 μm (%)	87.3

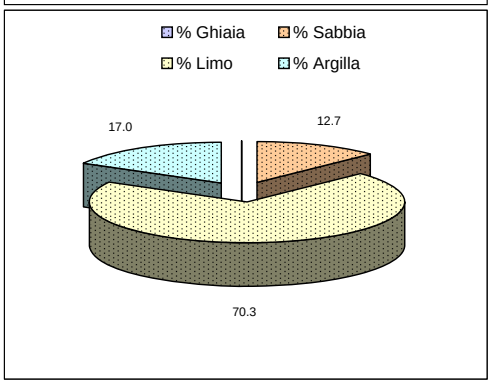
Frazione grossolana (> 63 μm) = 12.7	
% Ghiaia	% Sabbia
0.0	12.7

Frazione pelitica (< 63 μm) = 87.3	
% Limo	% Argilla
70.3	17.0

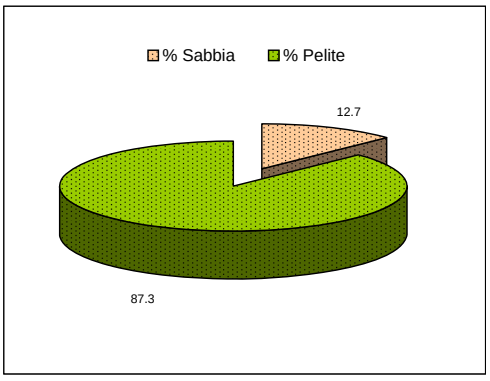
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.164
Deviazione Standard	1.943
Asimmetria (Skewness)	0.044
Appuntimento (Kurtosis)	1.134
Mediana (Φ)	6.066
Moda (Φ)	5.500

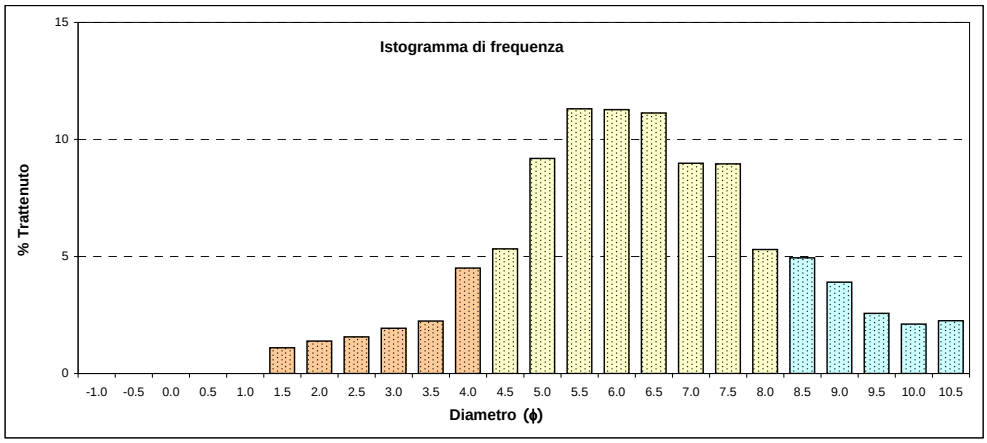
Percentili (Φ)	
5	2.723
16	4.367
25	4.936
50	6.066
75	7.370
84	8.059
95	9.459

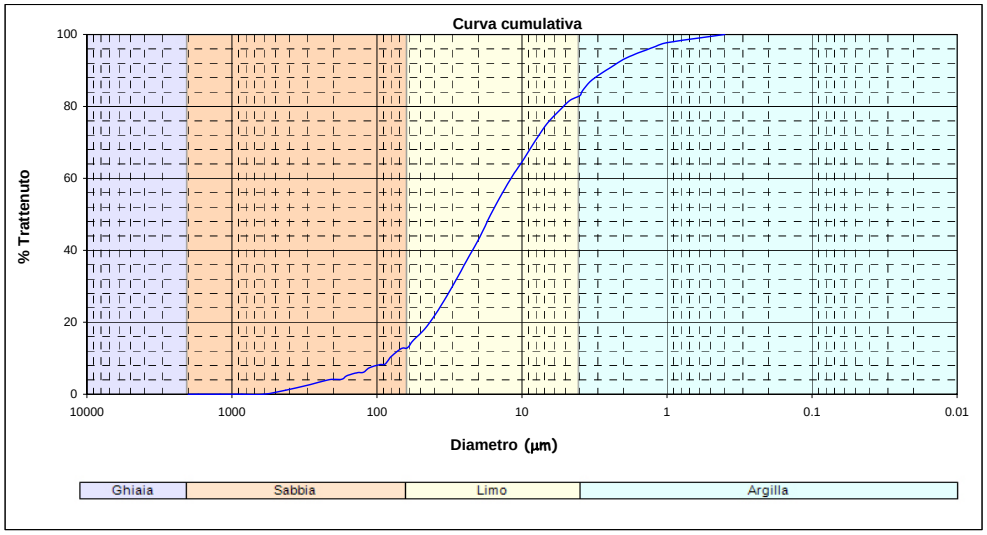
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.10%	1.10%
353.55	1.5		
353.55	1.5	1.39%	2.49%
250	2		
250	2	1.56%	4.06%
176.78	2.5		
176.78	2.5	0.07%	4.12%
175	2.515		
175	2.515	1.04%	5.17%
147	2.766		
147	2.766	0.82%	5.99%
125	3		
125	3	0.12%	6.11%
123	3.023		
123	3.023	1.22%	7.33%
103	3.279		
103	3.279	0.89%	8.23%
88.39	3.5		
88.39	3.5	0.16%	8.39%
87	3.523		
87	3.523	2.07%	10.46%
73	3.776		
73	3.776	2.27%	12.74%
62.5	4		
62.5	4	0.15%	12.89%
61	4.035		
61	4.035	2.15%	15.03%
51	4.293		
51	4.293	3.03%	18.06%
43	4.54		
43	4.54	4.14%	22.20%
36	4.796		
36	4.796	5.05%	27.25%
30	5.059		
30	5.059	5.62%	32.87%
25	5.322		
25	5.322	5.69%	38.56%
21	5.573		
21	5.573	5.15%	43.71%
18	5.796		
18	5.796	6.12%	49.83%
15	6.059		
15	6.059	5.89%	55.72%
12.5	6.322		
12.5	6.322	5.24%	60.97%
10.5	6.573		
10.5	6.573	4.28%	65.25%
9	6.796		
9	6.796	4.70%	69.95%
7.5	7.059		
7.5	7.059	5.20%	75.15%
6	7.381		
6	7.381	3.76%	78.91%
5	7.644		
5	7.644	2.79%	81.70%
4.3	7.861		
4.3	7.861	1.26%	82.96%
4	7.966		
4	7.966	1.26%	84.21%
3.7	8.078		
3.7	8.078	2.64%	86.85%
3.1	8.334		
3.1	8.334	2.31%	89.16%
2.6	8.587		
2.6	8.587	1.92%	91.07%
2.2	8.828		
2.2	8.828	1.99%	93.06%
1.8	9.118		
1.8	9.118	1.53%	94.59%
1.5	9.381		
1.5	9.381	1.04%	95.63%
1.3	9.587		
1.3	9.587	1.05%	96.68%
1.1	9.828		
1.1	9.828	1.06%	97.74%
0.9	10.118		
< 0,900	> 10,118	2.26%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(75-100)
Peso totale (g)	40.4
Frazione > 63 µm (%)	15.6
Frazione < 63 µm (%)	84.4

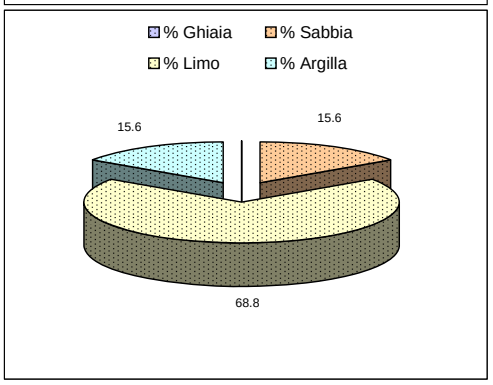
Frazione grossolana (> 63 µm) = 15.6	
% Ghiaia	% Sabbia
0.0	15.6

Frazione pelitica (< 63 µm) = 84.4	
% Limo	% Argilla
68.8	15.6

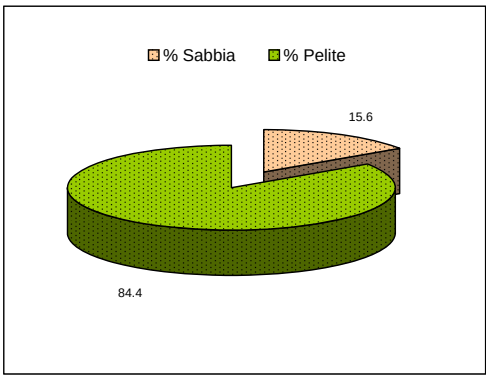
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.879
Deviazione Standard	2.044
Asimmetria (Skewness)	0.114
Appuntimento (Kurtosis)	1.145
Mediana (Φ)	5.668
Moda (Φ)	5.500

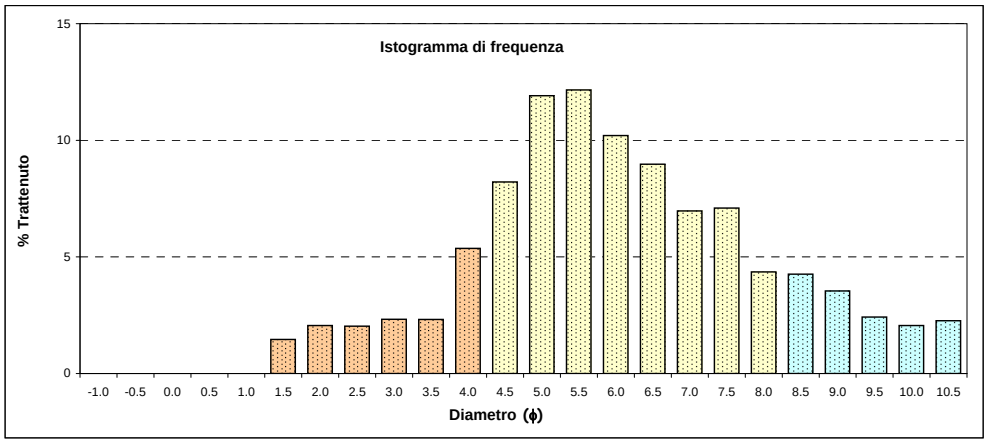
Percentili (Φ)	
5	2.347
16	4.047
25	4.591
50	5.668
75	7.131
84	7.924
95	9.443

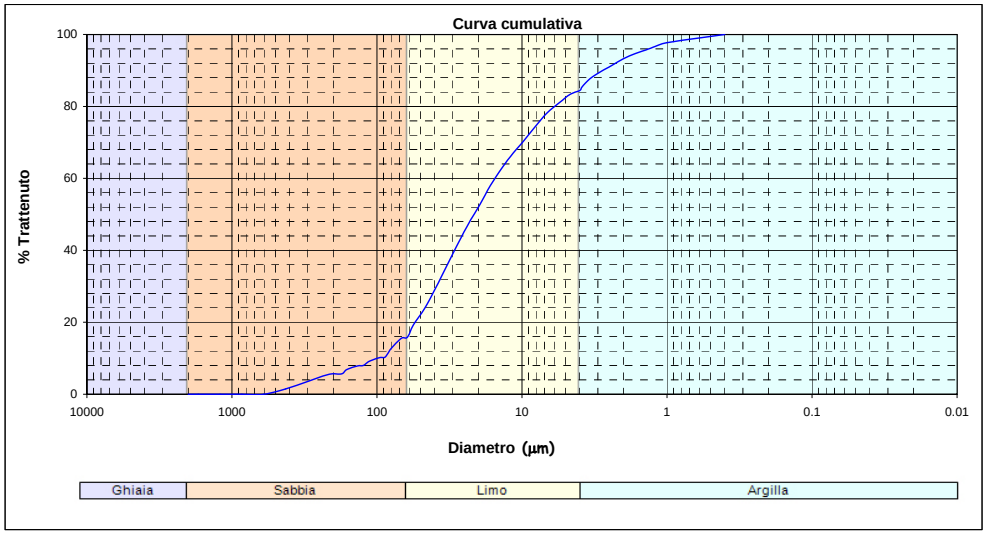
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.46%	1.46%
353.55	1.5		
353.55	1.5	2.06%	3.52%
250	2		
250	2	2.03%	5.55%
176.78	2.5		
176.78	2.5	0.08%	5.63%
175	2.515		
175	2.515	1.26%	6.89%
147	2.766		
147	2.766	0.99%	7.87%
125	3		
125	3	0.12%	7.99%
123	3.023		
123	3.023	1.18%	9.17%
103	3.279		
103	3.279	1.03%	10.20%
88.39	3.5		
88.39	3.5	0.15%	10.35%
87	3.523		
87	3.523	2.32%	12.67%
73	3.776		
73	3.776	2.89%	15.57%
62.5	4		
62.5	4	0.27%	15.83%
61	4.035		
61	4.035	3.46%	19.29%
51	4.293		
51	4.293	4.49%	23.78%
43	4.54		
43	4.54	5.63%	29.41%
36	4.796		
36	4.796	6.28%	35.69%
30	5.059		
30	5.059	6.33%	42.02%
25	5.322		
25	5.322	5.83%	47.85%
21	5.573		
21	5.573	4.86%	52.71%
18	5.796		
18	5.796	5.34%	58.05%
15	6.059		
15	6.059	4.84%	62.89%
12.5	6.322		
12.5	6.322	4.14%	67.03%
10.5	6.573		
10.5	6.573	3.32%	70.35%
9	6.796		
9	6.796	3.65%	74.00%
7.5	7.059		
7.5	7.059	4.09%	78.09%
6	7.381		
6	7.381	3.01%	81.10%
5	7.644		
5	7.644	2.27%	83.37%
4.3	7.861		
4.3	7.861	1.04%	84.41%
4	7.966		
4	7.966	1.04%	85.45%
3.7	8.078		
3.7	8.078	2.25%	87.70%
3.1	8.334		
3.1	8.334	2.02%	89.72%
2.6	8.587		
2.6	8.587	1.72%	91.43%
2.2	8.828		
2.2	8.828	1.82%	93.26%
1.8	9.118		
1.8	9.118	1.43%	94.69%
1.5	9.381		
1.5	9.381	0.99%	95.68%
1.3	9.587		
1.3	9.587	1.02%	96.69%
1.1	9.828		
1.1	9.828	1.04%	97.73%
0.9	10.118		
< 0,900	> 10,118	2.27%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(100-125)
Peso totale (g)	4.4
Frazione > 63 μm (%)	45.4
Frazione < 63 μm (%)	54.6

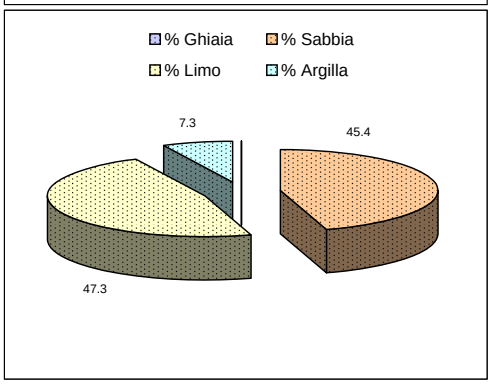
Frazione grossolana (> 63 μm) = 45.4	
% Ghiaia	% Sabbia
0.0	45.4

Frazione pelitica (< 63 μm) = 54.6	
% Limo	% Argilla
47.3	7.3

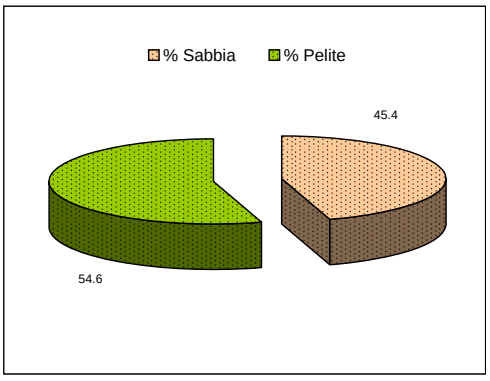
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.643
Deviazione Standard	1.783
Asimmetria (Skewness)	0.423
Appuntimento (Kurtosis)	0.938
Mediana (Φ)	4.208
Moda (Φ)	3.500

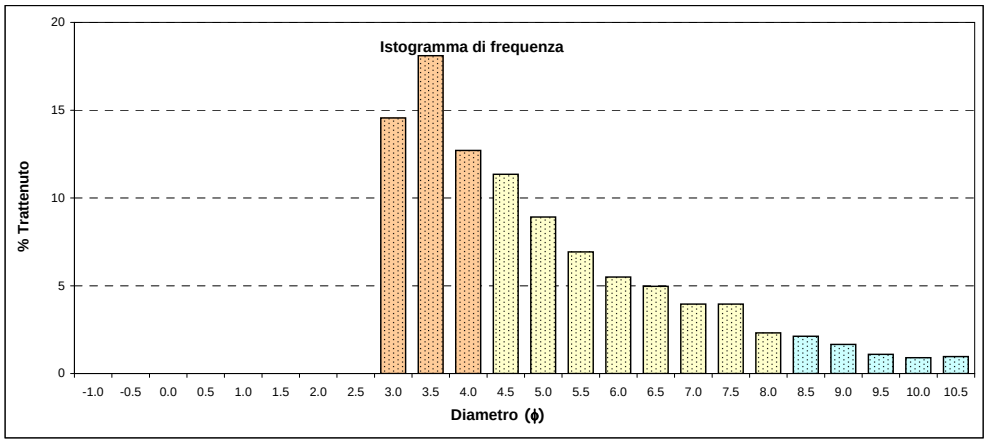
Percentili (Φ)	
5	2.734
16	3.038
25	3.267
50	4.208
75	5.779
84	6.684
95	8.483

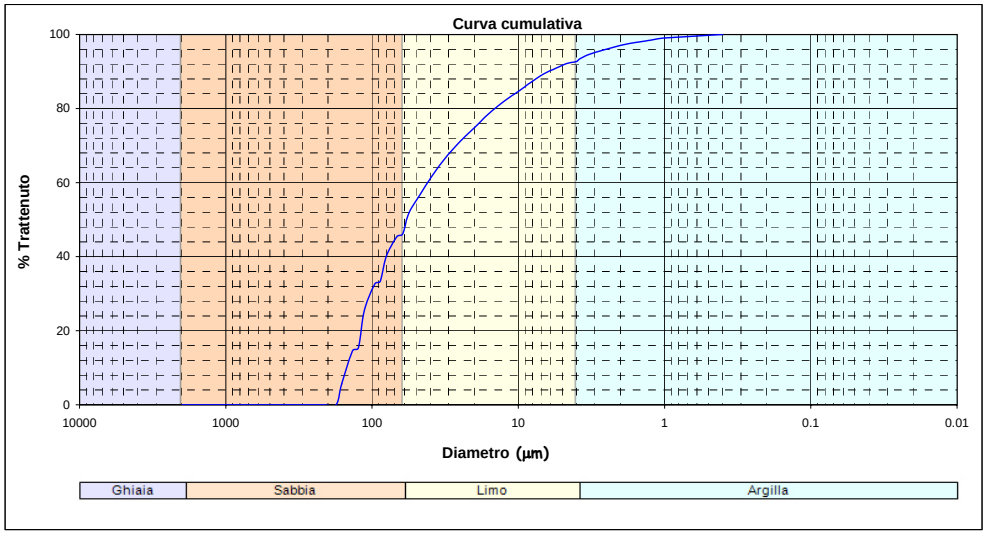
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	5.68%	5.68%
147	2.766		
147	2.766	8.88%	14.56%
125	3		
125	3	0.81%	15.37%
123	3.023		
123	3.023	10.07%	25.44%
103	3.279		
103	3.279	7.23%	32.67%
88.39	3.5		
88.39	3.5	0.69%	33.36%
87	3.523		
87	3.523	6.72%	40.08%
73	3.776		
73	3.776	5.30%	45.38%
62.5	4		
62.5	4	0.76%	46.13%
61	4.035		
61	4.035	5.61%	51.75%
51	4.293		
51	4.293	4.98%	56.72%
43	4.54		
43	4.54	4.69%	61.41%
36	4.796		
36	4.796	4.23%	65.64%
30	5.059		
30	5.059	3.73%	69.37%
25	5.322		
25	5.322	3.20%	72.57%
21	5.573		
21	5.573	2.61%	75.18%
18	5.796		
18	5.796	2.88%	78.06%
15	6.059		
15	6.059	2.65%	80.72%
12.5	6.322		
12.5	6.322	2.31%	83.03%
10.5	6.573		
10.5	6.573	1.88%	84.91%
9	6.796		
9	6.796	2.07%	86.98%
7.5	7.059		
7.5	7.059	2.30%	89.28%
6	7.381		
6	7.381	1.66%	90.94%
5	7.644		
5	7.644	1.22%	92.16%
4.3	7.861		
4.3	7.861	0.55%	92.71%
4	7.966		
4	7.966	0.55%	93.26%
3.7	8.078		
3.7	8.078	1.14%	94.40%
3.1	8.334		
3.1	8.334	0.99%	95.38%
2.6	8.587		
2.6	8.587	0.82%	96.20%
2.2	8.828		
2.2	8.828	0.84%	97.05%
1.8	9.118		
1.8	9.118	0.65%	97.70%
1.5	9.381		
1.5	9.381	0.44%	98.14%
1.3	9.587		
1.3	9.587	0.45%	98.58%
1.1	9.828		
1.1	9.828	0.45%	99.04%
0.9	10.118		
< 0,900	> 10,118	0.96%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(125-150)
Peso totale (g)	3.1
Frazione > 63 μm (%)	16.9
Frazione < 63 μm (%)	83.1

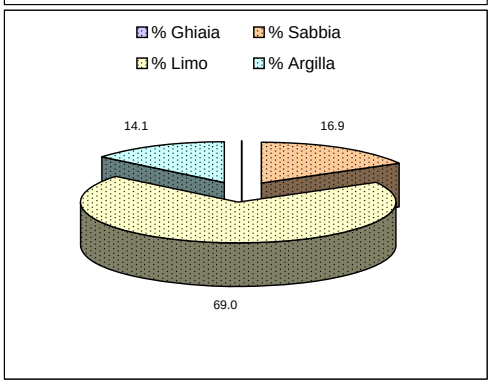
Frazione grossolana (> 63 μm) = 16.9	
% Ghiaia	% Sabbia
0.0	16.9

Frazione pelitica (< 63 μm) = 83.1	
% Limo	% Argilla
69.0	14.1

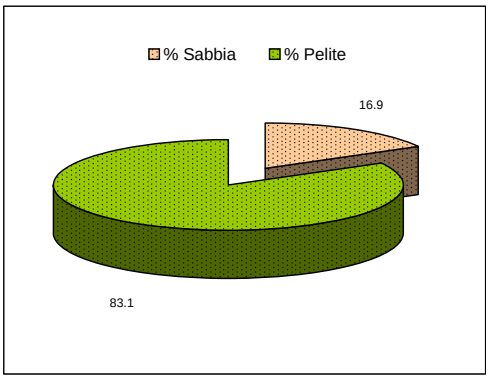
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.787
Deviazione Standard	1.833
Asimmetria (Skewness)	0.184
Appuntimento (Kurtosis)	0.871
Mediana (Φ)	5.617
Moda (Φ)	4.500

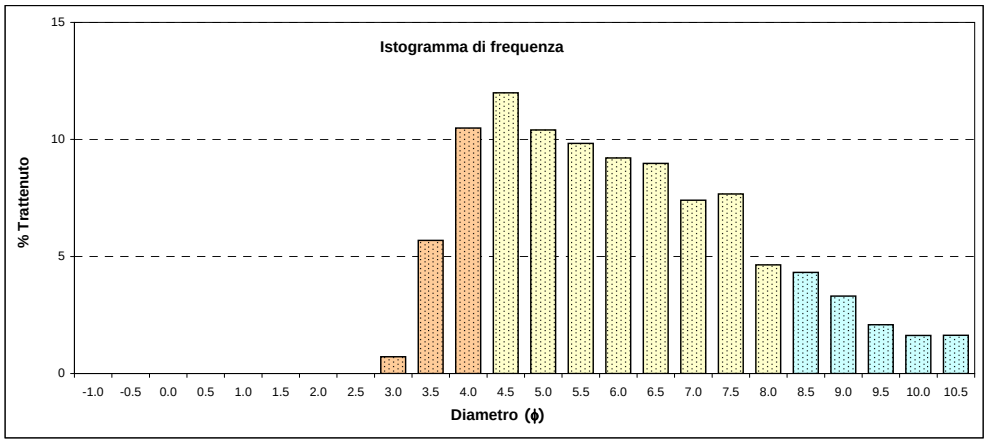
Percentili (Φ)	
5	3.403
16	3.958
25	4.357
50	5.617
75	7.078
84	7.784
95	9.186

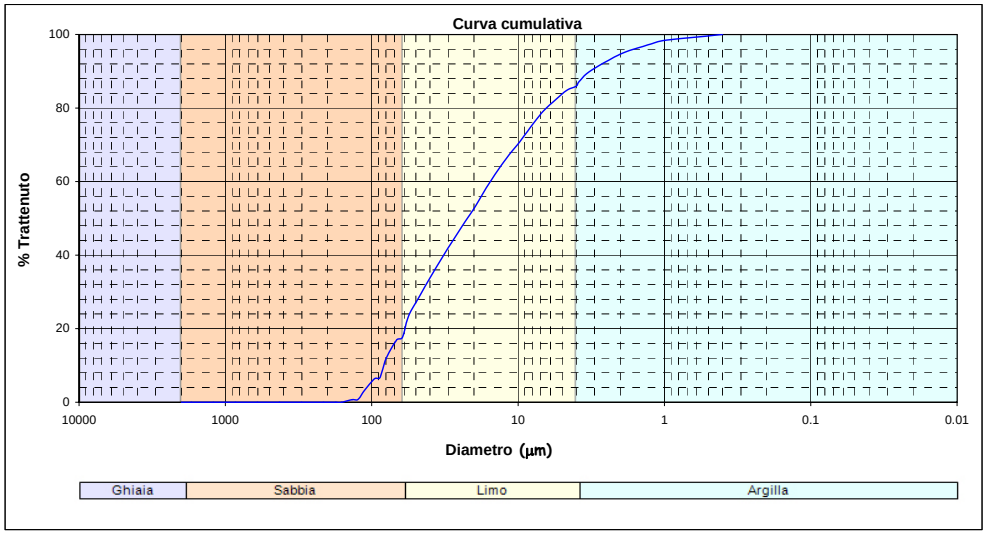
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.72%	0.72%
125	3		
125	3	0.07%	0.78%
123	3.023		
123	3.023	2.28%	3.06%
103	3.279		
103	3.279	3.35%	6.40%
88.39	3.5		
88.39	3.5	0.32%	6.72%
87	3.523		
87	3.523	5.06%	11.78%
73	3.776		
73	3.776	5.11%	16.89%
62.5	4		
62.5	4	0.73%	17.62%
61	4.035		
61	4.035	5.89%	23.51%
51	4.293		
51	4.293	5.37%	28.88%
43	4.54		
43	4.54	5.26%	34.14%
36	4.796		
36	4.796	5.15%	39.29%
30	5.059		
30	5.059	5.03%	44.32%
25	5.322		
25	5.322	4.80%	49.12%
21	5.573		
21	5.573	4.24%	53.36%
18	5.796		
18	5.796	4.97%	58.33%
15	6.059		
15	6.059	4.75%	63.07%
12.5	6.322		
12.5	6.322	4.23%	67.31%
10.5	6.573		
10.5	6.573	3.49%	70.80%
9	6.796		
9	6.796	3.91%	74.71%
7.5	7.059		
7.5	7.059	4.42%	79.13%
6	7.381		
6	7.381	3.25%	82.38%
5	7.644		
5	7.644	2.44%	84.82%
4.3	7.861		
4.3	7.861	1.10%	85.92%
4	7.966		
4	7.966	1.10%	87.03%
3.7	8.078		
3.7	8.078	2.31%	89.34%
3.1	8.334		
3.1	8.334	2.00%	91.34%
2.6	8.587		
2.6	8.587	1.64%	92.99%
2.2	8.828		
2.2	8.828	1.67%	94.65%
1.8	9.118		
1.8	9.118	1.25%	95.91%
1.5	9.381		
1.5	9.381	0.83%	96.74%
1.3	9.587		
1.3	9.587	0.82%	97.56%
1.1	9.828		
1.1	9.828	0.81%	98.37%
0.9	10.118		
< 0,900	> 10,118	1.63%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(150-175)
Peso totale (g)	2.6
Frazione > 63 μm (%)	22.0
Frazione < 63 μm (%)	78.0

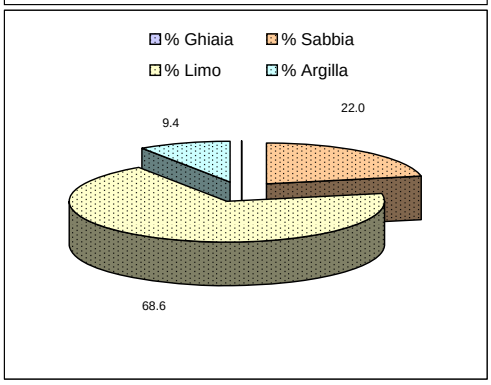
Frazione grossolana (> 63 μm) = 22.0	
% Ghiaia	% Sabbia
0.0	22.0

Frazione pelitica (< 63 μm) = 78.0	
% Limo	% Argilla
68.6	9.4

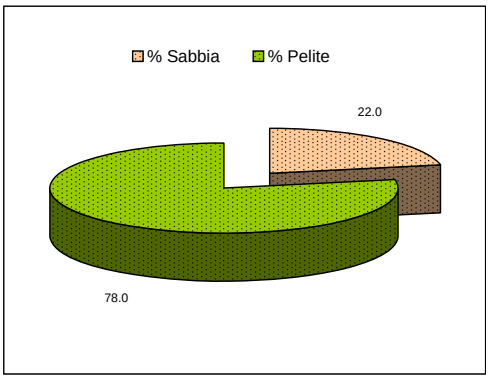
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.367
Deviazione Standard	1.709
Asimmetria (Skewness)	0.237
Appuntimento (Kurtosis)	0.971
Mediana (Φ)	5.160
Moda (Φ)	4.500

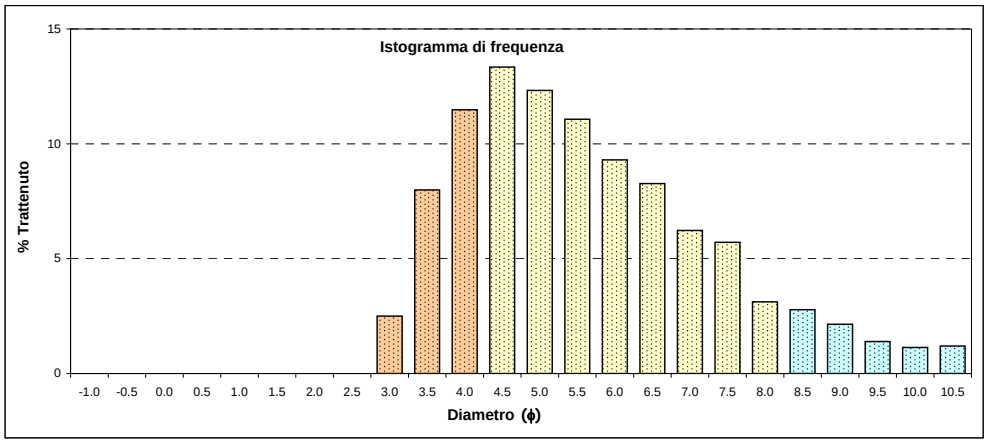
Percentili (Φ)	
5	3.181
16	3.751
25	4.120
50	5.160
75	6.484
84	7.191
95	8.782

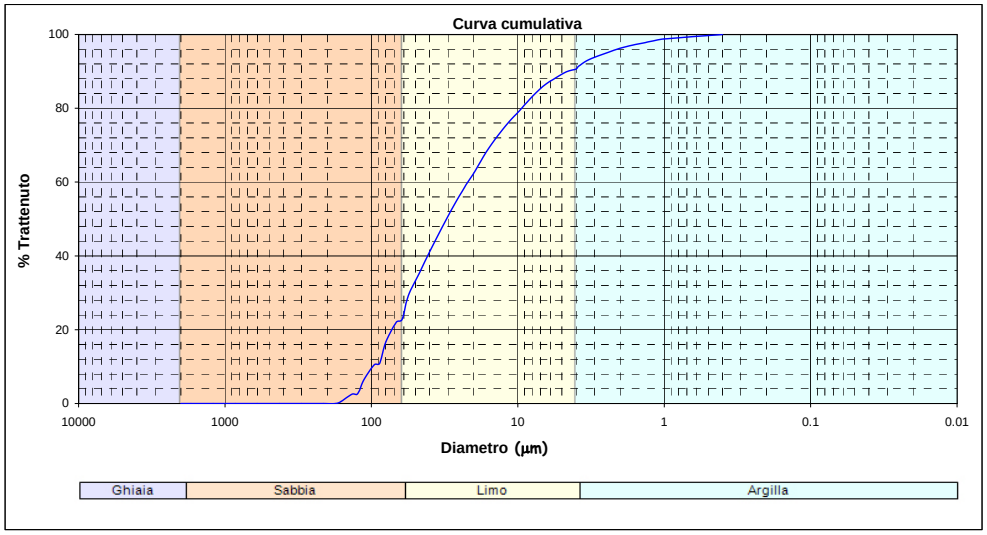
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.58%	0.58%
147	2.766		
147	2.766	1.92%	2.50%
125	3		
125	3	0.17%	2.68%
123	3.023		
123	3.023	3.64%	6.32%
103	3.279		
103	3.279	4.18%	10.50%
88.39	3.5		
88.39	3.5	0.40%	10.89%
87	3.523		
87	3.523	5.61%	16.51%
73	3.776		
73	3.776	5.48%	21.98%
62.5	4		
62.5	4	0.78%	22.76%
61	4.035		
61	4.035	6.44%	29.21%
51	4.293		
51	4.293	6.12%	35.32%
43	4.54		
43	4.54	6.22%	41.54%
36	4.796		
36	4.796	6.11%	47.65%
30	5.059		
30	5.059	5.81%	53.46%
25	5.322		
25	5.322	5.26%	58.72%
21	5.573		
21	5.573	4.40%	63.12%
18	5.796		
18	5.796	4.90%	68.02%
15	6.059		
15	6.059	4.46%	72.48%
12.5	6.322		
12.5	6.322	3.81%	76.29%
10.5	6.573		
10.5	6.573	3.02%	79.31%
9	6.796		
9	6.796	3.21%	82.52%
7.5	7.059		
7.5	7.059	3.38%	85.90%
6	7.381		
6	7.381	2.33%	88.23%
5	7.644		
5	7.644	1.67%	89.90%
4.3	7.861		
4.3	7.861	0.73%	90.63%
4	7.966		
4	7.966	0.73%	91.35%
3.7	8.078		
3.7	8.078	1.49%	92.85%
3.1	8.334		
3.1	8.334	1.28%	94.13%
2.6	8.587		
2.6	8.587	1.06%	95.19%
2.2	8.828		
2.2	8.828	1.09%	96.28%
1.8	9.118		
1.8	9.118	0.83%	97.11%
1.5	9.381		
1.5	9.381	0.56%	97.67%
1.3	9.587		
1.3	9.587	0.57%	98.23%
1.1	9.828		
1.1	9.828	0.57%	98.80%
0.9	10.118		
< 0,900	> 10,118	1.20%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 33
Livello (cm)	(175-200)
Peso totale (g)	3.8
Frazione > 63 μm (%)	18.2
Frazione < 63 μm (%)	81.8

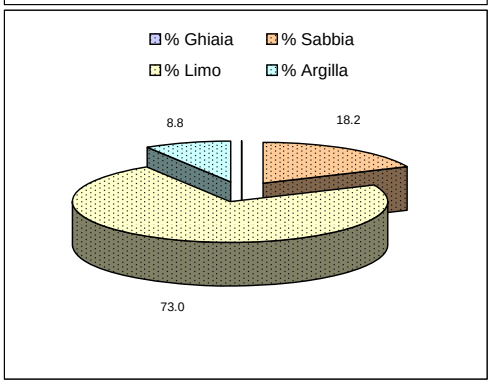
Frazione grossolana (> 63 μm) = 18.2	
% Ghiaia	% Sabbia
0.0	18.2

Frazione pelitica (< 63 μm) = 81.8	
% Limo	% Argilla
73.0	8.8

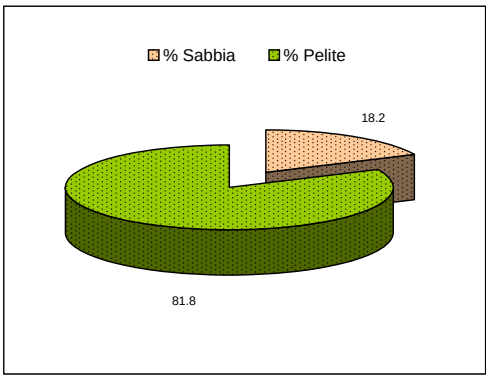
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.417
Deviazione Standard	1.600
Asimmetria (Skewness)	0.260
Appuntimento (Kurtosis)	0.968
Mediana (Φ)	5.198
Moda (Φ)	4.500

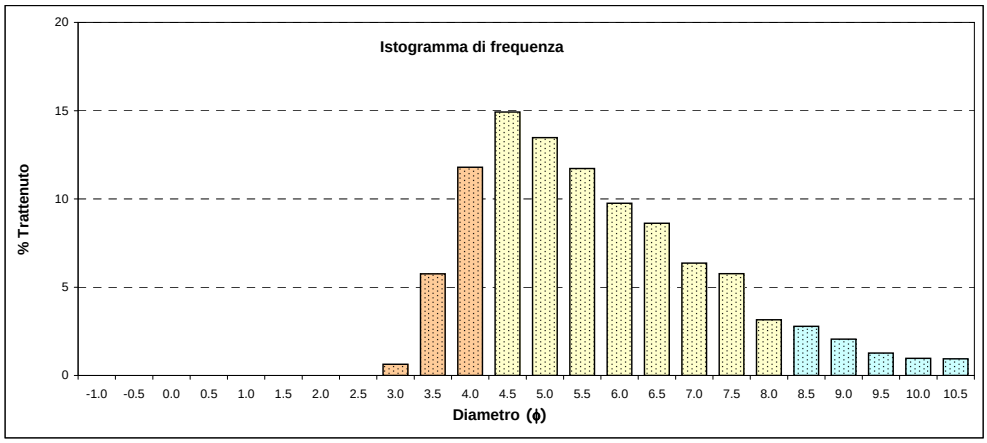
Percentili (Φ)	
5	3.408
16	3.913
25	4.245
50	5.198
75	6.461
84	7.141
95	8.639

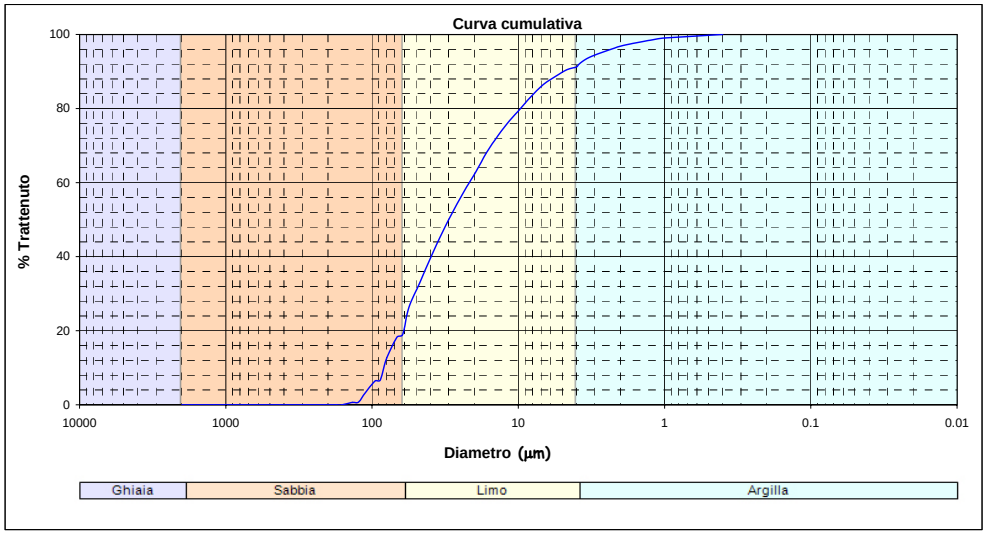
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.63%	0.63%
125	3		
125	3	0.06%	0.69%
123	3.023		
123	3.023	2.22%	2.91%
103	3.279		
103	3.279	3.48%	6.39%
88.39	3.5		
88.39	3.5	0.33%	6.72%
87	3.523		
87	3.523	5.54%	12.26%
73	3.776		
73	3.776	5.92%	18.18%
62.5	4		
62.5	4	0.85%	19.03%
61	4.035		
61	4.035	7.22%	26.25%
51	4.293		
51	4.293	6.86%	33.11%
43	4.54		
43	4.54	6.86%	39.97%
36	4.796		
36	4.796	6.61%	46.58%
30	5.059		
30	5.059	6.18%	52.76%
25	5.322		
25	5.322	5.55%	58.31%
21	5.573		
21	5.573	4.63%	62.94%
18	5.796		
18	5.796	5.13%	68.07%
15	6.059		
15	6.059	4.66%	72.73%
12.5	6.322		
12.5	6.322	3.96%	76.69%
10.5	6.573		
10.5	6.573	3.11%	79.80%
9	6.796		
9	6.796	3.26%	83.06%
7.5	7.059		
7.5	7.059	3.41%	86.47%
6	7.381		
6	7.381	2.35%	88.82%
5	7.644		
5	7.644	1.68%	90.51%
4.3	7.861		
4.3	7.861	0.74%	91.24%
4	7.966		
4	7.966	0.74%	91.98%
3.7	8.078		
3.7	8.078	1.51%	93.49%
3.1	8.334		
3.1	8.334	1.28%	94.76%
2.6	8.587		
2.6	8.587	1.03%	95.79%
2.2	8.828		
2.2	8.828	1.03%	96.82%
1.8	9.118		
1.8	9.118	0.77%	97.59%
1.5	9.381		
1.5	9.381	0.50%	98.09%
1.3	9.587		
1.3	9.587	0.49%	98.59%
1.1	9.828		
1.1	9.828	0.48%	99.06%
0.9	10.118		
< 0,900	> 10,118	0.94%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(0-25)
Peso totale (g)	27.1
Frazione > 63 μm (%)	14.9
Frazione < 63 μm (%)	85.1

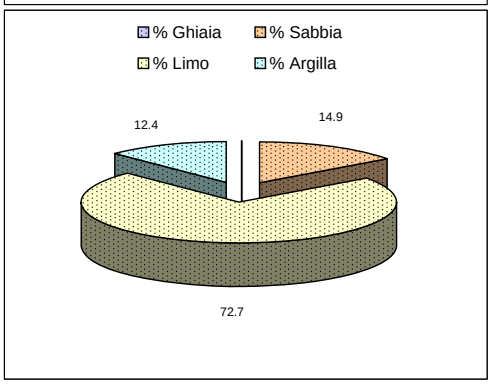
Frazione grossolana (> 63 μm) = 14.9	
% Ghiaia	% Sabbia
0.0	14.9

Frazione pelitica (< 63 μm) = 85.1	
% Limo	% Argilla
72.7	12.4

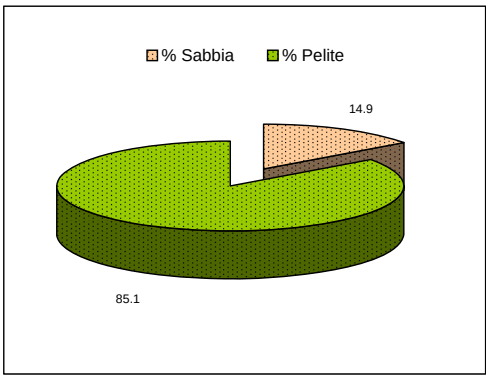
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.828
Deviazione Standard	1.865
Asimmetria (Skewness)	0.028
Appuntimento (Kurtosis)	1.338
Mediana (Φ)	5.812
Moda (Φ)	6.000

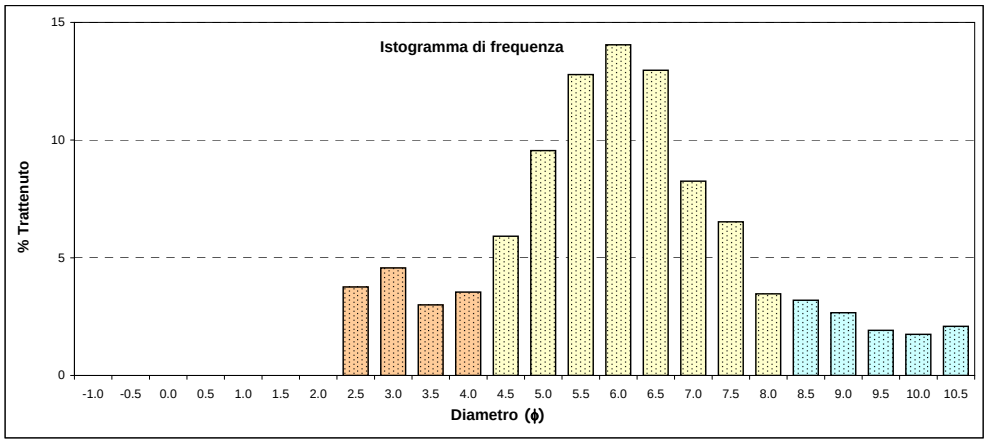
Percentili (Φ)	
5	2.619
16	4.127
25	4.791
50	5.812
75	6.834
84	7.546
95	9.289

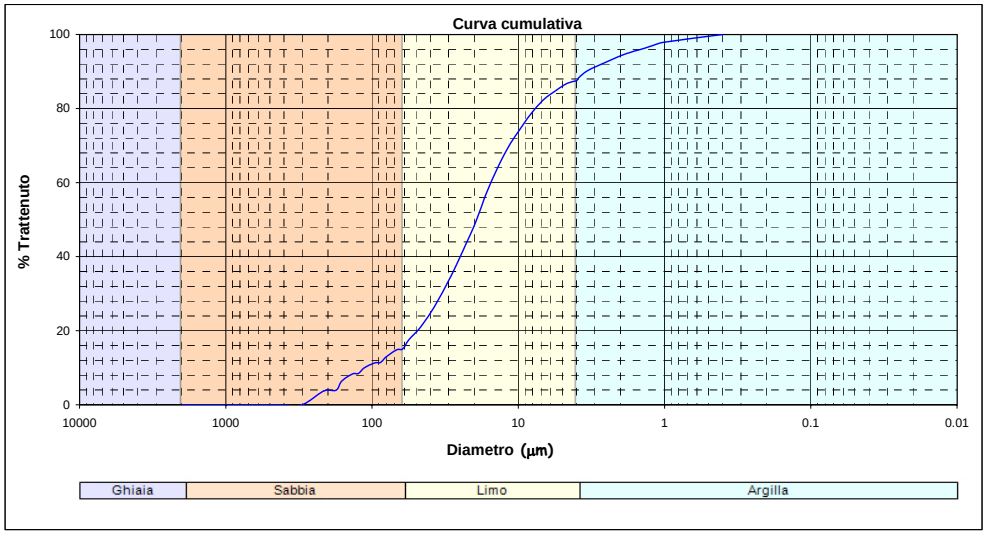
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.76%	3.76%
176.78	2.5		
176.78	2.5	0.16%	3.92%
175	2.515		
175	2.515	2.47%	6.39%
147	2.766		
147	2.766	1.94%	8.33%
125	3		
125	3	0.15%	8.48%
123	3.023		
123	3.023	1.51%	9.99%
103	3.279		
103	3.279	1.34%	11.33%
88.39	3.5		
88.39	3.5	0.10%	11.43%
87	3.523		
87	3.523	1.53%	12.95%
73	3.776		
73	3.776	1.92%	14.87%
62.5	4		
62.5	4	0.20%	15.07%
61	4.035		
61	4.035	2.47%	17.54%
51	4.293		
51	4.293	3.25%	20.79%
43	4.54		
43	4.54	4.28%	25.07%
36	4.796		
36	4.796	5.27%	30.34%
30	5.059		
30	5.059	6.14%	36.48%
25	5.322		
25	5.322	6.65%	43.12%
21	5.573		
21	5.573	6.35%	49.47%
18	5.796		
18	5.796	7.70%	57.17%
15	6.059		
15	6.059	7.14%	64.31%
12.5	6.322		
12.5	6.322	5.83%	70.14%
10.5	6.573		
10.5	6.573	4.22%	74.36%
9	6.796		
9	6.796	4.03%	78.39%
7.5	7.059		
7.5	7.059	3.92%	82.31%
6	7.381		
6	7.381	2.61%	84.92%
5	7.644		
5	7.644	1.85%	86.76%
4.3	7.861		
4.3	7.861	0.81%	87.58%
4	7.966		
4	7.966	0.81%	88.39%
3.7	8.078		
3.7	8.078	1.70%	90.08%
3.1	8.334		
3.1	8.334	1.50%	91.58%
2.6	8.587		
2.6	8.587	1.28%	92.86%
2.2	8.828		
2.2	8.828	1.38%	94.25%
1.8	9.118		
1.8	9.118	1.12%	95.37%
1.5	9.381		
1.5	9.381	0.79%	96.16%
1.3	9.587		
1.3	9.587	0.85%	97.01%
1.1	9.828		
1.1	9.828	0.90%	97.91%
0.9	10.118		
< 0,900	> 10,118	2.09%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(25-50)
Peso totale (g)	21.3
Frazione > 63 μm (%)	23.6
Frazione < 63 μm (%)	76.4

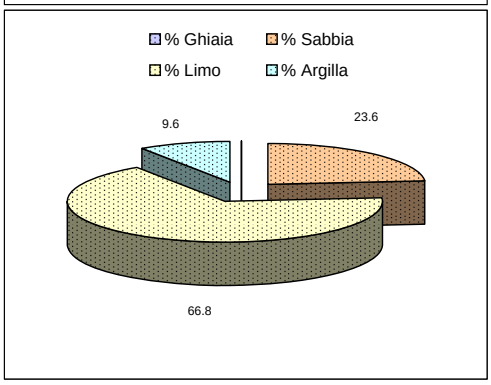
Frazione grossolana (> 63 μm) = 23.6	
% Ghiaia	% Sabbia
0.0	23.6

Frazione pelitica (< 63 μm) = 76.4	
% Limo	% Argilla
66.8	9.6

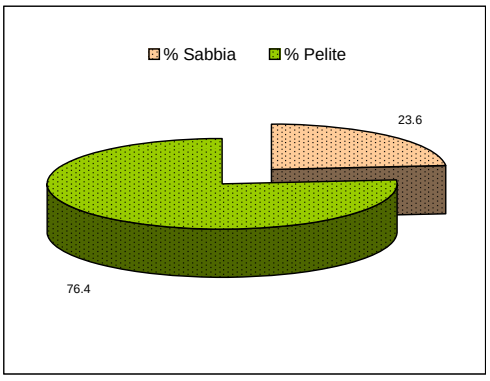
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.336
Deviazione Standard	1.876
Asimmetria (Skewness)	0.056
Appuntimento (Kurtosis)	1.115
Mediana (Φ)	5.351
Moda (Φ)	5.500

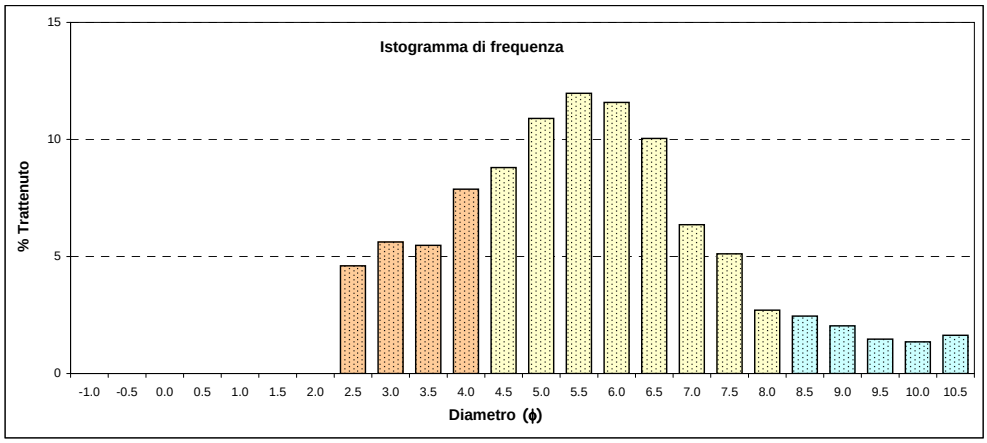
Percentili (Φ)	
5	2.534
16	3.524
25	4.100
50	5.351
75	6.463
84	7.134
95	8.962

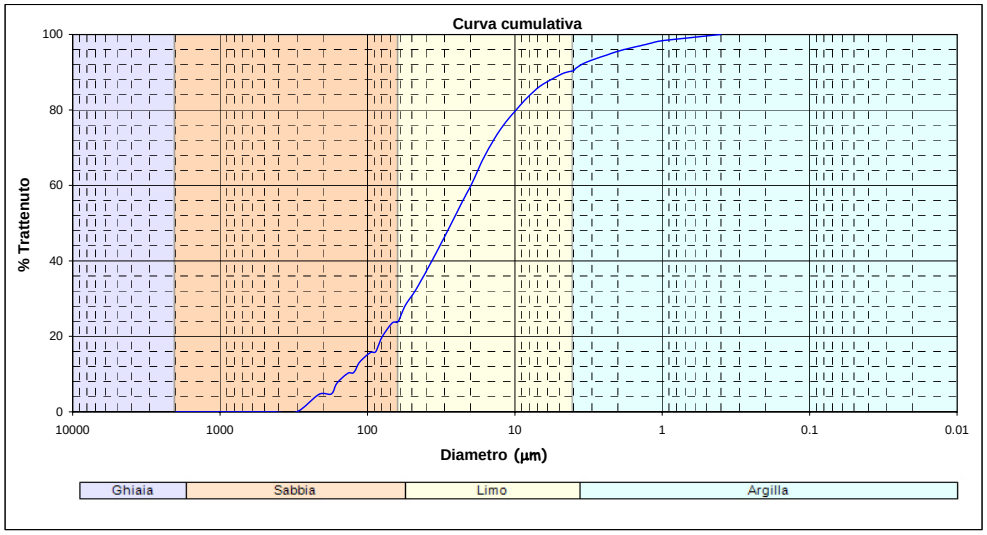
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	4.60%	4.60%
176.78	2.5		
176.78	2.5	0.16%	4.76%
175	2.515		
175	2.515	2.82%	7.59%
147	2.766		
147	2.766	2.64%	10.22%
125	3		
125	3	0.23%	10.45%
123	3.023		
123	3.023	2.75%	13.20%
103	3.279		
103	3.279	2.49%	15.70%
88.39	3.5		
88.39	3.5	0.28%	15.98%
87	3.523		
87	3.523	3.72%	19.70%
73	3.776		
73	3.776	3.87%	23.57%
62.5	4		
62.5	4	0.38%	23.95%
61	4.035		
61	4.035	3.94%	27.89%
51	4.293		
51	4.293	4.48%	32.37%
43	4.54		
43	4.54	5.20%	37.57%
36	4.796		
36	4.796	5.70%	43.27%
30	5.059		
30	5.059	5.99%	49.26%
25	5.322		
25	5.322	5.98%	55.24%
21	5.573		
21	5.573	5.38%	60.62%
18	5.796		
18	5.796	6.21%	66.82%
15	6.059		
15	6.059	5.57%	72.39%
12.5	6.322		
12.5	6.322	4.47%	76.86%
10.5	6.573		
10.5	6.573	3.24%	80.11%
9	6.796		
9	6.796	3.12%	83.23%
7.5	7.059		
7.5	7.059	3.07%	86.29%
6	7.381		
6	7.381	2.05%	88.34%
5	7.644		
5	7.644	1.45%	89.79%
4.3	7.861		
4.3	7.861	0.63%	90.42%
4	7.966		
4	7.966	0.63%	91.05%
3.7	8.078		
3.7	8.078	1.31%	92.36%
3.1	8.334		
3.1	8.334	1.15%	93.50%
2.6	8.587		
2.6	8.587	0.98%	94.48%
2.2	8.828		
2.2	8.828	1.06%	95.54%
1.8	9.118		
1.8	9.118	0.86%	96.40%
1.5	9.381		
1.5	9.381	0.61%	97.01%
1.3	9.587		
1.3	9.587	0.65%	97.66%
1.1	9.828		
1.1	9.828	0.70%	98.36%
0.9	10.118		
< 0,900	> 10,118	1.64%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(50-75)
Peso totale (g)	16.8
Frazione > 63 μm (%)	26.7
Frazione < 63 μm (%)	73.3

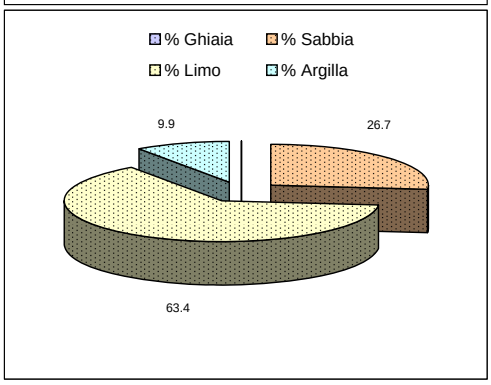
Frazione grossolana (> 63 μm) = 26.7	
% Ghiaia	% Sabbia
0.0	26.7

Frazione pelitica (< 63 μm) = 73.3	
% Limo	% Argilla
63.4	9.9

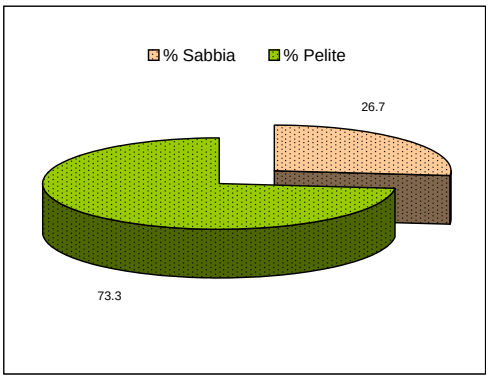
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.209
Deviazione Standard	1.975
Asimmetria (Skewness)	0.062
Appuntimento (Kurtosis)	1.035
Mediana (Φ)	5.246
Moda (Φ)	5.500

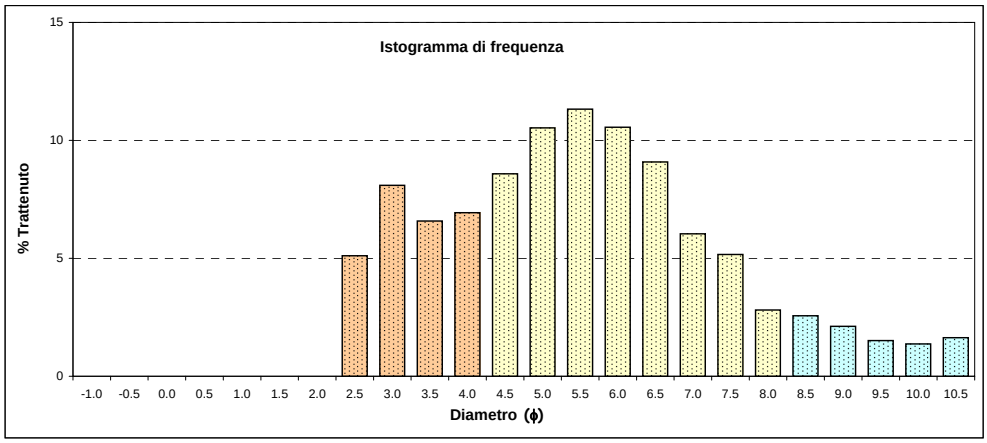
Percentili (Φ)	
5	2.487
16	3.209
25	3.884
50	5.246
75	6.457
84	7.173
95	8.982

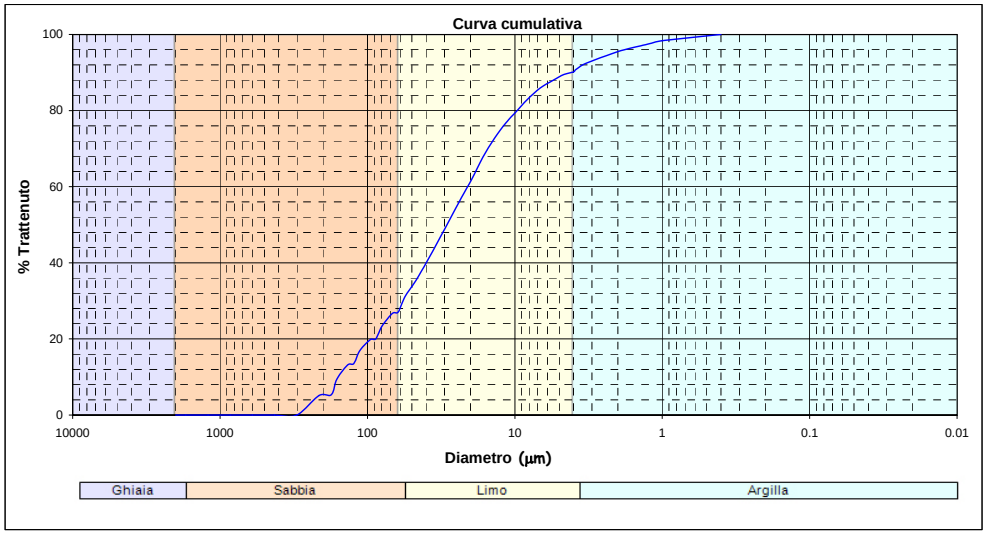
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	5.11%	5.11%
176.78	2.5		
176.78	2.5	0.23%	5.35%
175	2.515		
175	2.515	4.13%	9.47%
147	2.766		
147	2.766	3.73%	13.20%
125	3		
125	3	0.29%	13.49%
123	3.023		
123	3.023	3.37%	16.87%
103	3.279		
103	3.279	2.92%	19.79%
88.39	3.5		
88.39	3.5	0.24%	20.03%
87	3.523		
87	3.523	3.24%	23.26%
73	3.776		
73	3.776	3.46%	26.72%
62.5	4		
62.5	4	0.37%	27.09%
61	4.035		
61	4.035	3.86%	30.95%
51	4.293		
51	4.293	4.35%	35.30%
43	4.54		
43	4.54	5.04%	40.34%
36	4.796		
36	4.796	5.49%	45.83%
30	5.059		
30	5.059	5.72%	51.55%
25	5.322		
25	5.322	5.60%	57.16%
21	5.573		
21	5.573	4.94%	62.10%
18	5.796		
18	5.796	5.61%	67.71%
15	6.059		
15	6.059	5.01%	72.72%
12.5	6.322		
12.5	6.322	4.07%	76.79%
10.5	6.573		
10.5	6.573	3.02%	79.82%
9	6.796		
9	6.796	3.01%	82.83%
7.5	7.059		
7.5	7.059	3.07%	85.90%
6	7.381		
6	7.381	2.09%	87.99%
5	7.644		
5	7.644	1.50%	89.49%
4.3	7.861		
4.3	7.861	0.66%	90.14%
4	7.966		
4	7.966	0.66%	90.80%
3.7	8.078		
3.7	8.078	1.37%	92.17%
3.1	8.334		
3.1	8.334	1.20%	93.37%
2.6	8.587		
2.6	8.587	1.02%	94.39%
2.2	8.828		
2.2	8.828	1.10%	95.49%
1.8	9.118		
1.8	9.118	0.88%	96.37%
1.5	9.381		
1.5	9.381	0.63%	97.00%
1.3	9.587		
1.3	9.587	0.66%	97.66%
1.1	9.828		
1.1	9.828	0.71%	98.37%
0.9	10.118		
< 0,900	> 10,118	1.63%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(75-100)
Peso totale (g)	33.7
Frazione > 63 μm (%)	23.7
Frazione < 63 μm (%)	76.3

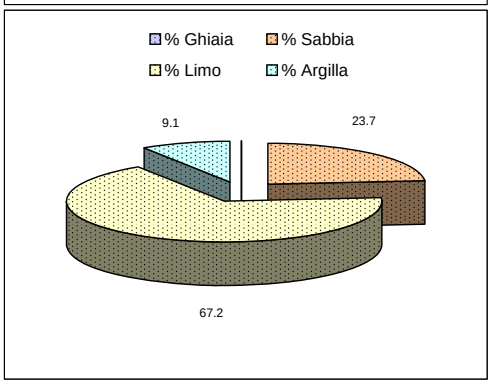
Frazione grossolana (> 63 μm) = 23.7	
% Ghiaia	% Sabbia
0.0	23.7

Frazione pelitica (< 63 μm) = 76.3	
% Limo	% Argilla
67.2	9.1

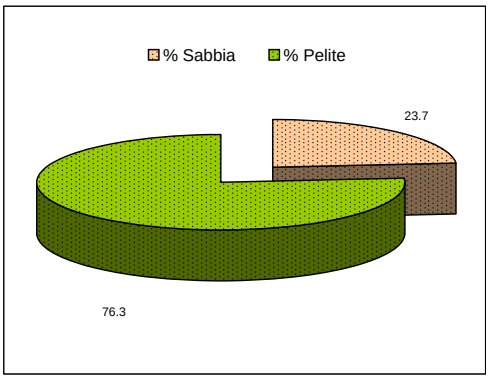
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.313
Deviazione Standard	1.774
Asimmetria (Skewness)	0.136
Appuntimento (Kurtosis)	1.080
Mediana (Φ)	5.228
Moda (Φ)	5.500

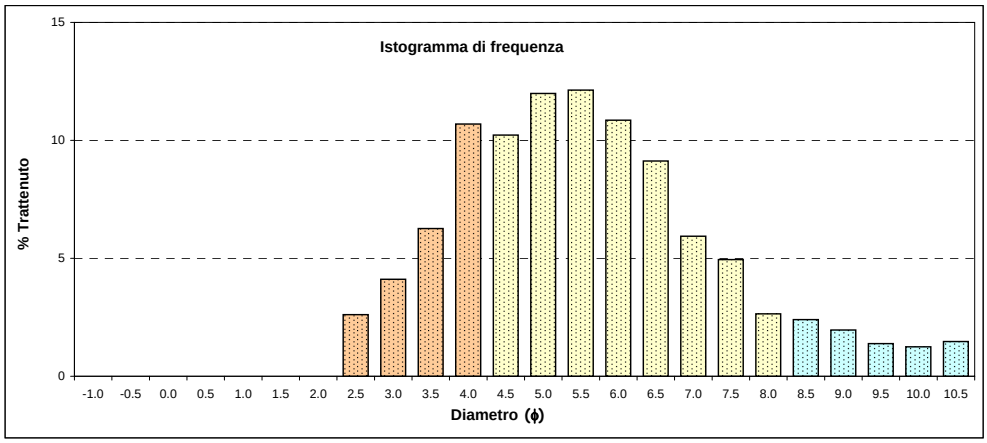
Percentili (Φ)	
5	2.794
16	3.646
25	4.081
50	5.228
75	6.384
84	7.065
95	8.860

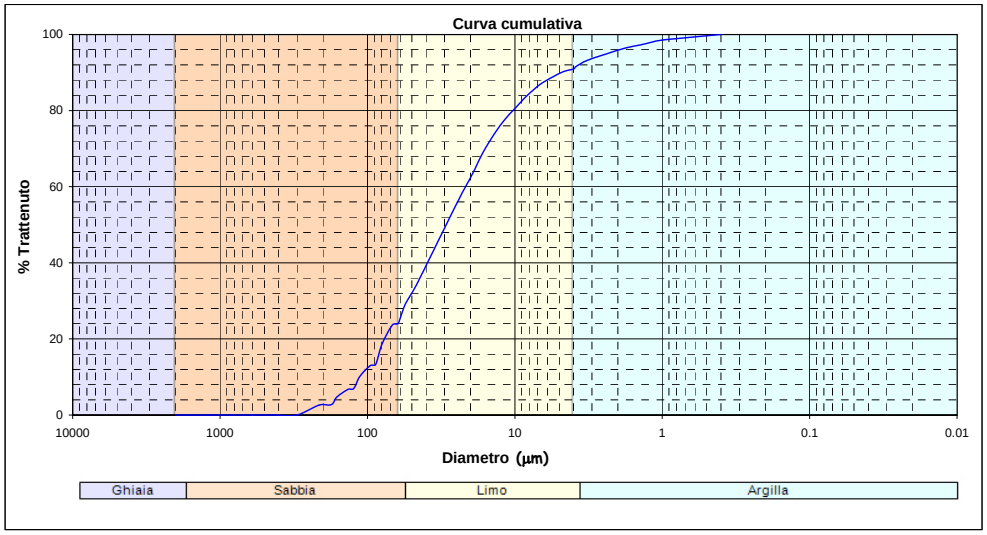
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.61%	2.61%
176.78	2.5		
176.78	2.5	0.12%	2.73%
175	2.515		
175	2.515	2.02%	4.75%
147	2.766		
147	2.766	1.98%	6.72%
125	3		
125	3	0.26%	6.98%
123	3.023		
123	3.023	3.10%	10.08%
103	3.279		
103	3.279	2.90%	12.98%
88.39	3.5		
88.39	3.5	0.40%	13.38%
87	3.523		
87	3.523	5.14%	18.52%
73	3.776		
73	3.776	5.16%	23.68%
62.5	4		
62.5	4	0.45%	24.12%
61	4.035		
61	4.035	4.63%	28.75%
51	4.293		
51	4.293	5.15%	33.90%
43	4.54		
43	4.54	5.82%	39.72%
36	4.796		
36	4.796	6.16%	45.89%
30	5.059		
30	5.059	6.21%	52.10%
25	5.322		
25	5.322	5.92%	58.02%
21	5.573		
21	5.573	5.12%	63.14%
18	5.796		
18	5.796	5.73%	68.88%
15	6.059		
15	6.059	5.06%	73.94%
12.5	6.322		
12.5	6.322	4.07%	78.00%
10.5	6.573		
10.5	6.573	2.99%	80.99%
9	6.796		
9	6.796	2.95%	83.94%
7.5	7.059		
7.5	7.059	2.95%	86.89%
6	7.381		
6	7.381	1.99%	88.88%
5	7.644		
5	7.644	1.41%	90.30%
4.3	7.861		
4.3	7.861	0.62%	90.91%
4	7.966		
4	7.966	0.62%	91.53%
3.7	8.078		
3.7	8.078	1.28%	92.81%
3.1	8.334		
3.1	8.334	1.12%	93.93%
2.6	8.587		
2.6	8.587	0.95%	94.88%
2.2	8.828		
2.2	8.828	1.01%	95.89%
1.8	9.118		
1.8	9.118	0.81%	96.71%
1.5	9.381		
1.5	9.381	0.57%	97.28%
1.3	9.587		
1.3	9.587	0.61%	97.88%
1.1	9.828		
1.1	9.828	0.64%	98.53%
0.9	10.118		
< 0,900	> 10,118	1.47%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(100-125)
Peso totale (g)	30.8
Frazione > 63 μm (%)	13.9
Frazione < 63 μm (%)	86.1

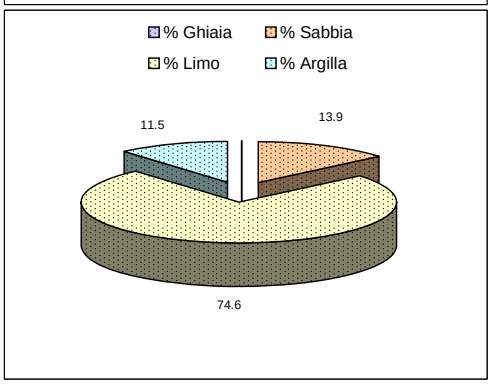
Frazione grossolana (> 63 μm) = 13.9	
% Ghiaia	% Sabbia
0.0	13.9

Frazione pelitica (< 63 μm) = 86.1	
% Limo	% Argilla
74.6	11.5

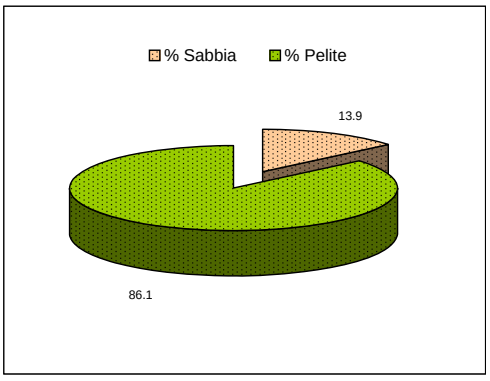
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.726
Deviazione Standard	1.713
Asimmetria (Skewness)	0.152
Appuntimento (Kurtosis)	1.184
Mediana (Φ)	5.616
Moda (Φ)	5.500

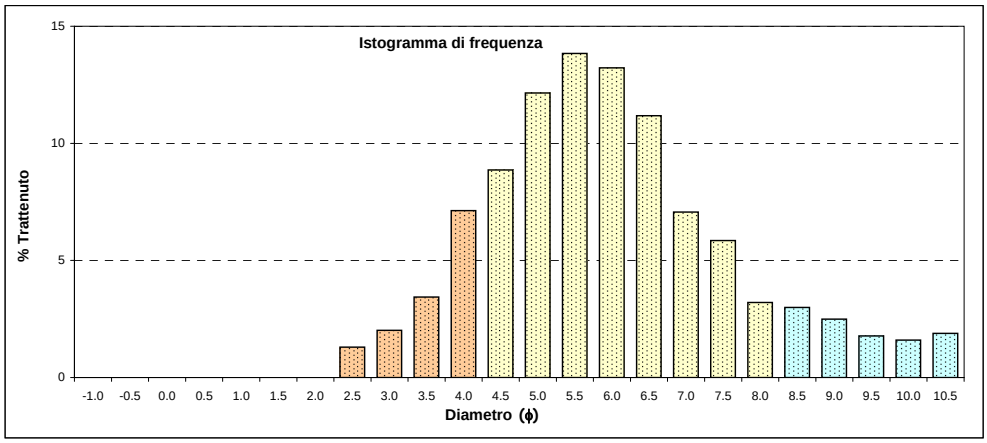
Percentili (Φ)	
5	3.260
16	4.149
25	4.636
50	5.616
75	6.685
84	7.414
95	9.178

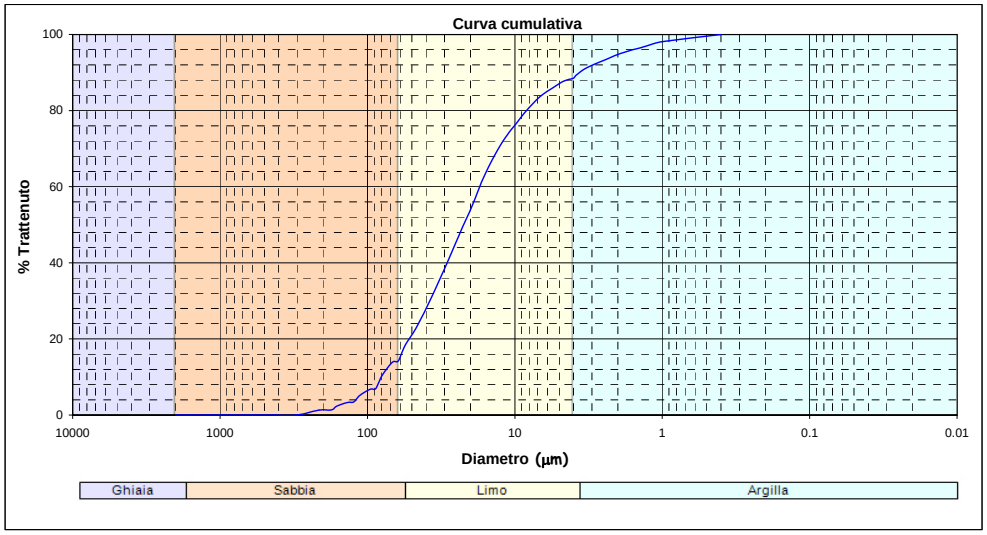
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.30%	1.30%
176.78	2.5		
176.78	2.5	0.06%	1.36%
175	2.515		
175	2.515	1.00%	2.36%
147	2.766		
147	2.766	0.96%	3.32%
125	3		
125	3	0.14%	3.45%
123	3.023		
123	3.023	1.66%	5.11%
103	3.279		
103	3.279	1.64%	6.75%
88.39	3.5		
88.39	3.5	0.24%	6.99%
87	3.523		
87	3.523	3.28%	10.27%
73	3.776		
73	3.776	3.61%	13.88%
62.5	4		
62.5	4	0.34%	14.21%
61	4.035		
61	4.035	3.85%	18.07%
51	4.293		
51	4.293	4.67%	22.74%
43	4.54		
43	4.54	5.70%	28.44%
36	4.796		
36	4.796	6.46%	34.89%
30	5.059		
30	5.059	6.92%	41.81%
25	5.322		
25	5.322	6.92%	48.73%
21	5.573		
21	5.573	6.18%	54.91%
18	5.796		
18	5.796	7.04%	61.95%
15	6.059		
15	6.059	6.23%	68.18%
12.5	6.322		
12.5	6.322	4.95%	73.13%
10.5	6.573		
10.5	6.573	3.58%	76.72%
9	6.796		
9	6.796	3.48%	80.20%
7.5	7.059		
7.5	7.059	3.48%	83.68%
6	7.381		
6	7.381	2.37%	86.05%
5	7.644		
5	7.644	1.70%	87.75%
4.3	7.861		
4.3	7.861	0.75%	88.50%
4	7.966		
4	7.966	0.75%	89.25%
3.7	8.078		
3.7	8.078	1.59%	90.84%
3.1	8.334		
3.1	8.334	1.41%	92.25%
2.6	8.587		
2.6	8.587	1.20%	93.45%
2.2	8.828		
2.2	8.828	1.29%	94.74%
1.8	9.118		
1.8	9.118	1.04%	95.78%
1.5	9.381		
1.5	9.381	0.73%	96.52%
1.3	9.587		
1.3	9.587	0.78%	97.29%
1.1	9.828		
1.1	9.828	0.82%	98.12%
0.9	10.118		
< 0,900	> 10,118	1.88%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(125-150)
Peso totale (g)	28.2
Frazione > 63 μm (%)	22.7
Frazione < 63 μm (%)	77.3

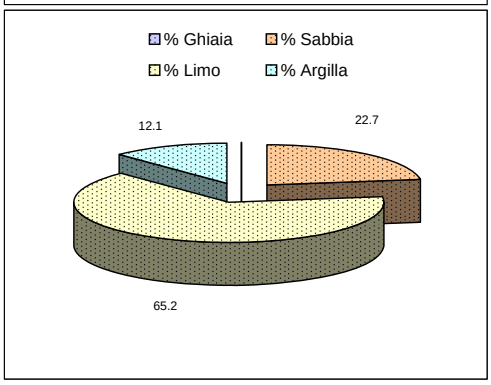
Frazione grossolana (> 63 μm) = 22.7	
% Ghiaia	% Sabbia
0.0	22.7

Frazione pelitica (< 63 μm) = 77.3	
% Limo	% Argilla
65.2	12.1

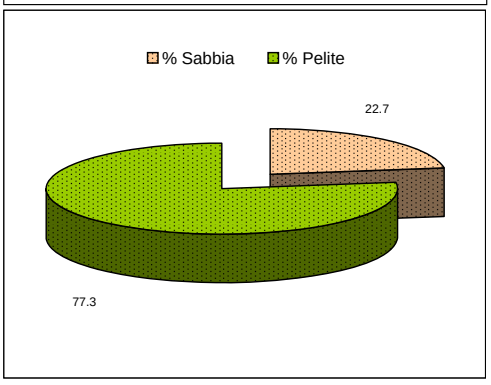
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.467
Deviazione Standard	2.017
Asimmetria (Skewness)	0.069
Appuntimento (Kurtosis)	1.061
Mediana (Φ)	5.456
Moda (Φ)	5.500

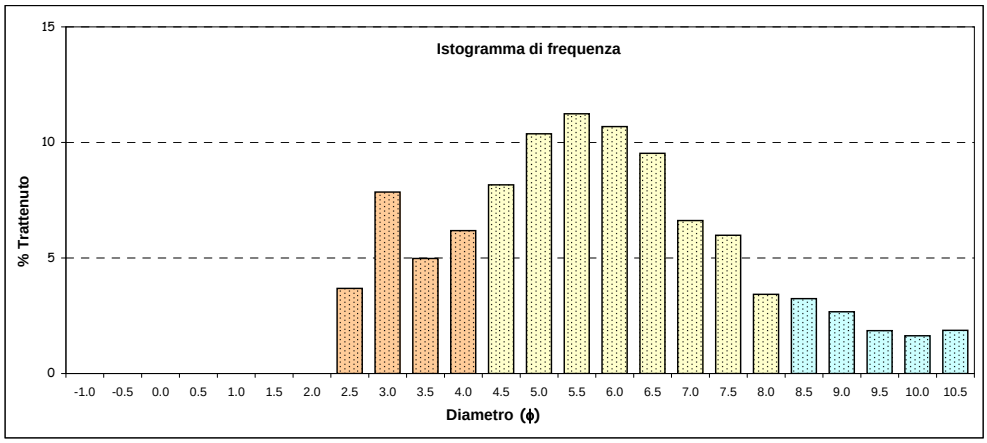
Percentili (Φ)	
5	2.580
16	3.445
25	4.169
50	5.456
75	6.727
84	7.500
95	9.199

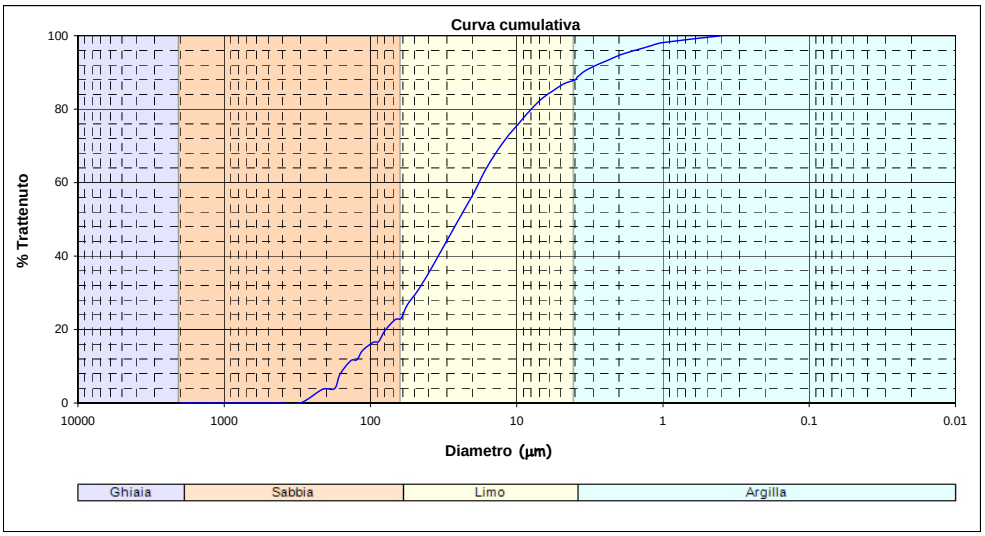
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.69%	3.69%
176.78	2.5		
176.78	2.5	0.22%	3.90%
175	2.515		
175	2.515	3.99%	7.89%
147	2.766		
147	2.766	3.65%	11.54%
125	3		
125	3	0.22%	11.76%
123	3.023		
123	3.023	2.57%	14.32%
103	3.279		
103	3.279	2.19%	16.52%
88.39	3.5		
88.39	3.5	0.22%	16.73%
87	3.523		
87	3.523	2.86%	19.59%
73	3.776		
73	3.776	3.12%	22.70%
62.5	4		
62.5	4	0.34%	23.04%
61	4.035		
61	4.035	3.63%	26.67%
51	4.293		
51	4.293	4.20%	30.87%
43	4.54		
43	4.54	4.94%	35.81%
36	4.796		
36	4.796	5.43%	41.24%
30	5.059		
30	5.059	5.66%	46.91%
25	5.322		
25	5.322	5.57%	52.48%
21	5.573		
21	5.573	4.96%	57.44%
18	5.796		
18	5.796	5.72%	63.16%
15	6.059		
15	6.059	5.21%	68.37%
12.5	6.322		
12.5	6.322	4.32%	72.69%
10.5	6.573		
10.5	6.573	3.27%	75.97%
9	6.796		
9	6.796	3.35%	79.32%
7.5	7.059		
7.5	7.059	3.51%	82.83%
6	7.381		
6	7.381	2.47%	85.30%
5	7.644		
5	7.644	1.81%	87.10%
4.3	7.861		
4.3	7.861	0.81%	87.92%
4	7.966		
4	7.966	0.81%	88.73%
3.7	8.078		
3.7	8.078	1.72%	90.44%
3.1	8.334		
3.1	8.334	1.52%	91.97%
2.6	8.587		
2.6	8.587	1.29%	93.26%
2.2	8.828		
2.2	8.828	1.38%	94.64%
1.8	9.118		
1.8	9.118	1.10%	95.73%
1.5	9.381		
1.5	9.381	0.76%	96.50%
1.3	9.587		
1.3	9.587	0.80%	97.30%
1.1	9.828		
1.1	9.828	0.83%	98.13%
0.9	10.118		
< 0,900	> 10,118	1.87%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(150-175)
Peso totale (g)	32.0
Frazione > 63 μm (%)	27.0
Frazione < 63 μm (%)	73.0

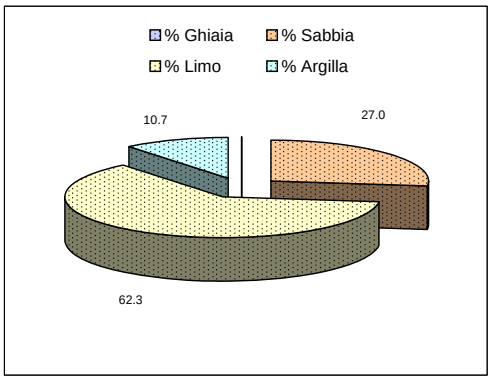
Frazione grossolana (> 63 μm) = 27.0	
% Ghiaia	% Sabbia
0.0	27.0

Frazione pelitica (< 63 μm) = 73.0	
% Limo	% Argilla
62.3	10.7

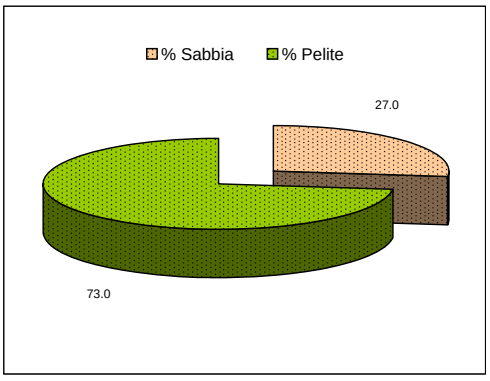
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.304
Deviazione Standard	1.965
Asimmetria (Skewness)	0.123
Appuntimento (Kurtosis)	1.032
Mediana (Φ)	5.207
Moda (Φ)	5.500

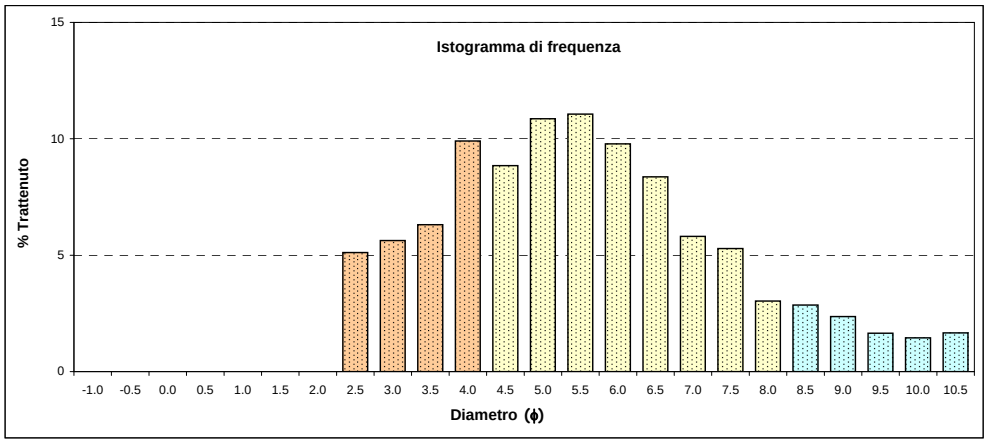
Percentili (Φ)	
5	2.486
16	3.413
25	3.902
50	5.207
75	6.510
84	7.291
95	9.056

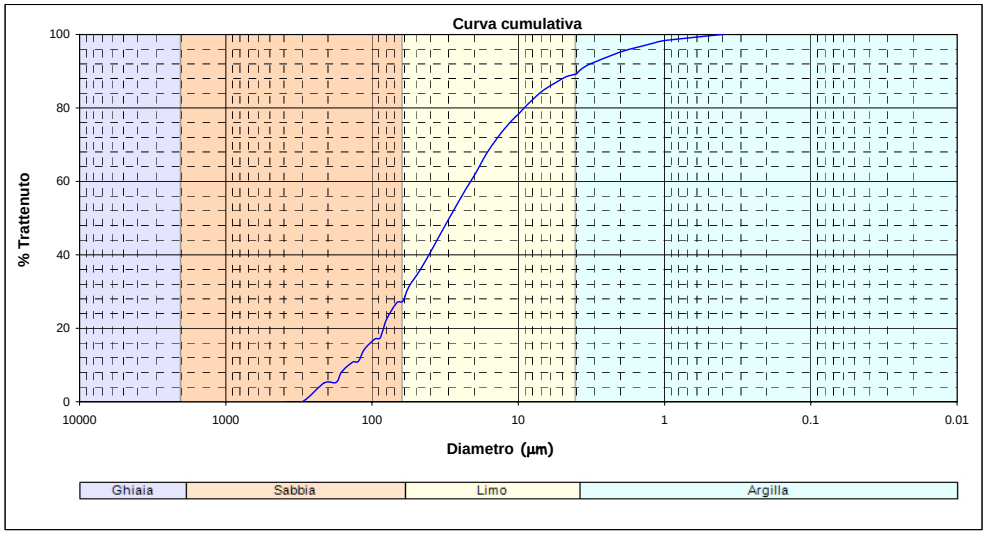
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	5.12%	5.12%
176.78	2.5		
176.78	2.5	0.17%	5.29%
175	2.515		
175	2.515	2.86%	8.15%
147	2.766		
147	2.766	2.60%	10.75%
125	3		
125	3	0.28%	11.02%
123	3.023		
123	3.023	3.20%	14.23%
103	3.279		
103	3.279	2.83%	17.06%
88.39	3.5		
88.39	3.5	0.39%	17.45%
87	3.523		
87	3.523	4.80%	22.25%
73	3.776		
73	3.776	4.71%	26.96%
62.5	4		
62.5	4	0.37%	27.33%
61	4.035		
61	4.035	3.95%	31.29%
51	4.293		
51	4.293	4.52%	35.81%
43	4.54		
43	4.54	5.24%	41.05%
36	4.796		
36	4.796	5.62%	46.67%
30	5.059		
30	5.059	5.68%	52.35%
25	5.322		
25	5.322	5.38%	57.73%
21	5.573		
21	5.573	4.62%	62.36%
18	5.796		
18	5.796	5.16%	67.52%
15	6.059		
15	6.059	4.60%	72.11%
12.5	6.322		
12.5	6.322	3.77%	75.89%
10.5	6.573		
10.5	6.573	2.86%	78.75%
9	6.796		
9	6.796	2.94%	81.69%
7.5	7.059		
7.5	7.059	3.11%	84.80%
6	7.381		
6	7.381	2.18%	86.98%
5	7.644		
5	7.644	1.60%	88.58%
4.3	7.861		
4.3	7.861	0.72%	89.30%
4	7.966		
4	7.966	0.72%	90.01%
3.7	8.078		
3.7	8.078	1.52%	91.53%
3.1	8.334		
3.1	8.334	1.35%	92.87%
2.6	8.587		
2.6	8.587	1.15%	94.02%
2.2	8.828		
2.2	8.828	1.22%	95.24%
1.8	9.118		
1.8	9.118	0.97%	96.21%
1.5	9.381		
1.5	9.381	0.68%	96.89%
1.3	9.587		
1.3	9.587	0.71%	97.60%
1.1	9.828		
1.1	9.828	0.74%	98.34%
0.9	10.118		
< 0,900	> 10,118	1.66%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(175-200)
Peso totale (g)	25.6
Frazione > 63 μm (%)	17.8
Frazione < 63 μm (%)	82.2

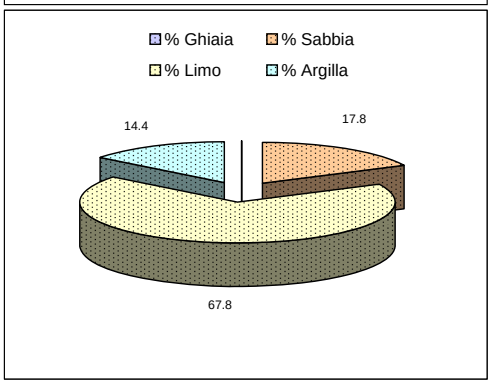
Frazione grossolana (> 63 μm) = 17.8	
% Ghiaia	% Sabbia
0.0	17.8

Frazione pelitica (< 63 μm) = 82.2	
% Limo	% Argilla
67.8	14.4

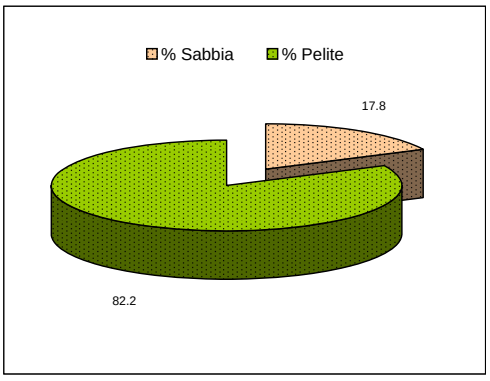
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.768
Deviazione Standard	1.979
Asimmetria (Skewness)	0.114
Appuntimento (Kurtosis)	1.024
Mediana (Φ)	5.631
Moda (Φ)	5.000

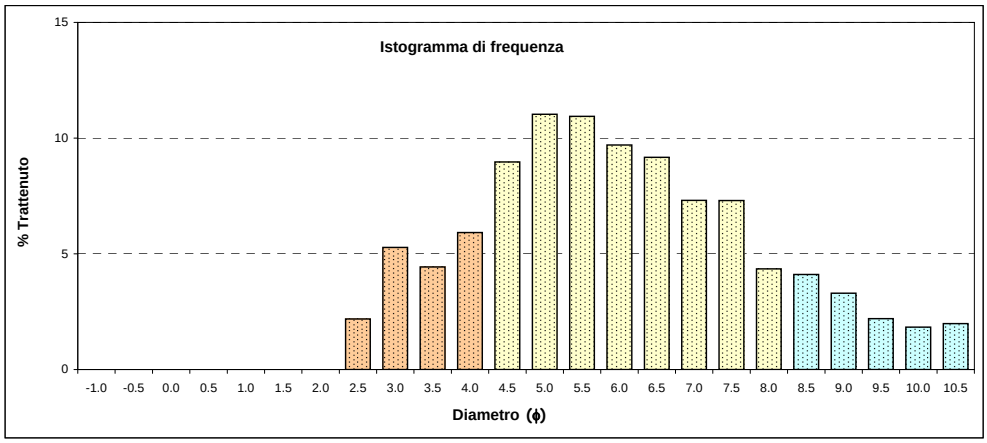
Percentili (Φ)	
5	2.762
16	3.865
25	4.439
50	5.631
75	7.063
84	7.809
95	9.317

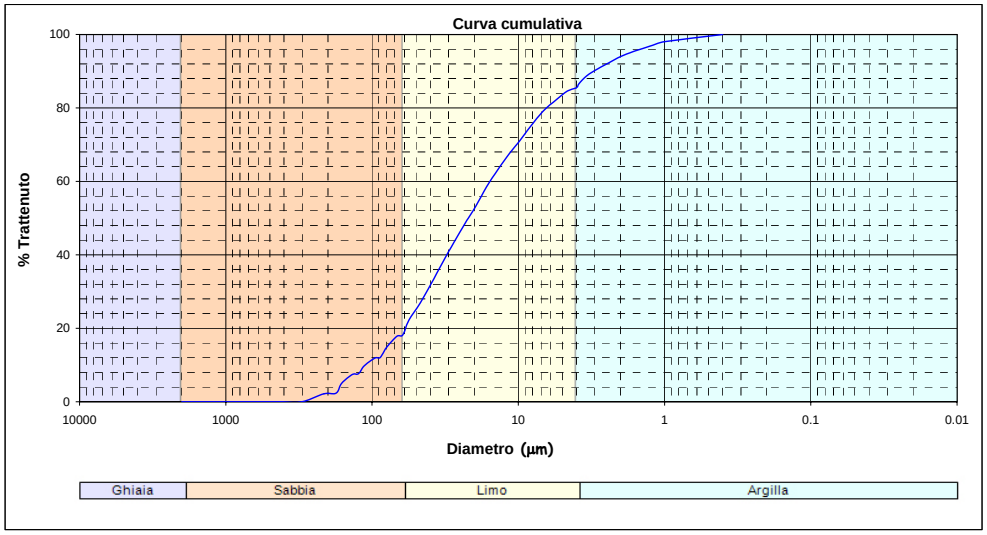
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.19%	2.19%
176.78	2.5		
176.78	2.5	0.16%	2.35%
175	2.515		
175	2.515	2.69%	5.04%
147	2.766		
147	2.766	2.42%	7.46%
125	3		
125	3	0.17%	7.64%
123	3.023		
123	3.023	2.16%	9.80%
103	3.279		
103	3.279	2.10%	11.90%
88.39	3.5		
88.39	3.5	0.17%	12.07%
87	3.523		
87	3.523	2.64%	14.71%
73	3.776		
73	3.776	3.11%	17.81%
62.5	4		
62.5	4	0.37%	18.19%
61	4.035		
61	4.035	3.99%	22.18%
51	4.293		
51	4.293	4.60%	26.78%
43	4.54		
43	4.54	5.34%	32.12%
36	4.796		
36	4.796	5.69%	37.82%
30	5.059		
30	5.059	5.66%	43.48%
25	5.322		
25	5.322	5.28%	48.76%
21	5.573		
21	5.573	4.52%	53.28%
18	5.796		
18	5.796	5.18%	58.46%
15	6.059		
15	6.059	4.88%	63.33%
12.5	6.322		
12.5	6.322	4.29%	67.63%
10.5	6.573		
10.5	6.573	3.49%	71.11%
9	6.796		
9	6.796	3.82%	74.94%
7.5	7.059		
7.5	7.059	4.24%	79.17%
6	7.381		
6	7.381	3.07%	82.24%
5	7.644		
5	7.644	2.28%	84.52%
4.3	7.861		
4.3	7.861	1.03%	85.55%
4	7.966		
4	7.966	1.03%	86.59%
3.7	8.078		
3.7	8.078	2.19%	88.77%
3.1	8.334		
3.1	8.334	1.92%	90.70%
2.6	8.587		
2.6	8.587	1.61%	92.31%
2.2	8.828		
2.2	8.828	1.68%	93.99%
1.8	9.118		
1.8	9.118	1.31%	95.30%
1.5	9.381		
1.5	9.381	0.89%	96.19%
1.3	9.587		
1.3	9.587	0.91%	97.10%
1.1	9.828		
1.1	9.828	0.92%	98.02%
0.9	10.118		
< 0,900	> 10,118	1.98%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(200-225)
Peso totale (g)	15.5
Frazione > 63 µm (%)	34.8
Frazione < 63 µm (%)	65.2

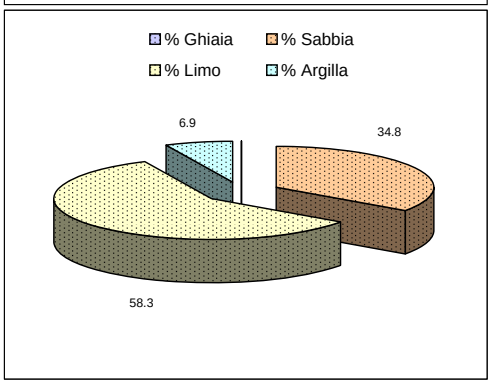
Frazione grossolana (> 63 µm) = 34.8	
% Ghiaia	% Sabbia
0.0	34.8

Frazione pelitica (< 63 µm) = 65.2	
% Limo	% Argilla
58.3	6.9

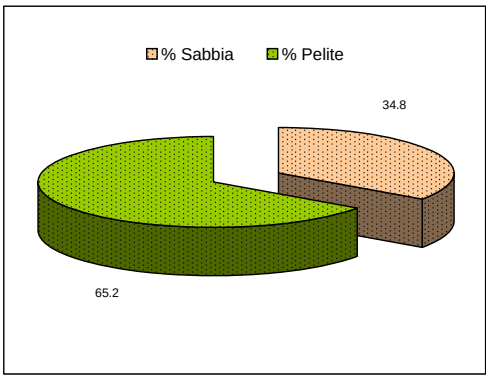
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.722
Deviazione Standard	1.913
Asimmetria (Skewness)	0.119
Appuntimento (Kurtosis)	0.994
Mediana (Φ)	4.688
Moda (Φ)	5.000

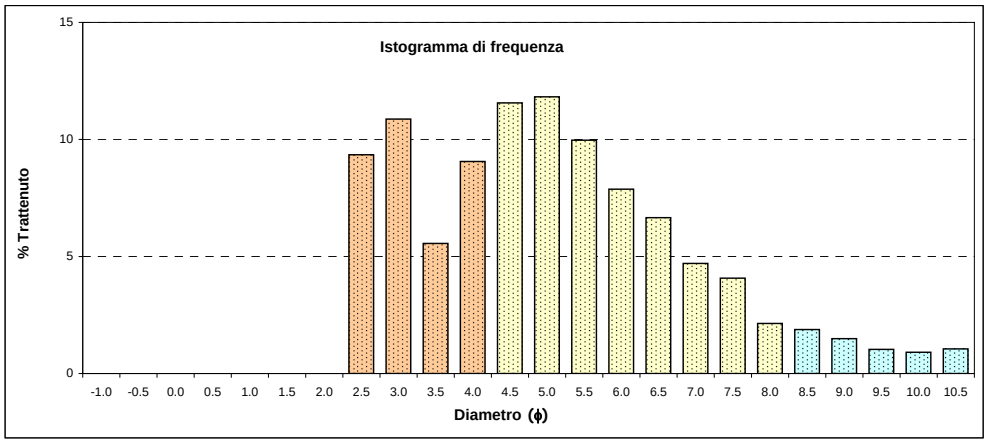
Percentili (Φ)	
5	2.246
16	2.787
25	3.434
50	4.688
75	5.986
84	6.692
95	8.432

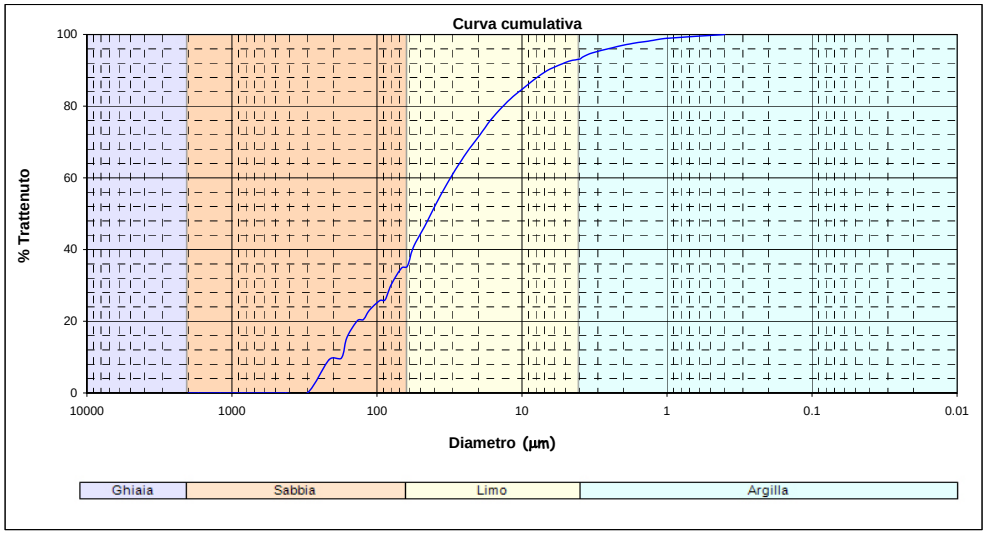
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	9.35%	9.35%
176.78	2.5		
176.78	2.5	0.37%	9.72%
175	2.515		
175	2.515	5.82%	15.54%
147	2.766		
147	2.766	4.68%	20.22%
125	3		
125	3	0.21%	20.43%
123	3.023		
123	3.023	2.60%	23.02%
103	3.279		
103	3.279	2.76%	25.78%
88.39	3.5		
88.39	3.5	0.26%	26.04%
87	3.523		
87	3.523	4.10%	30.14%
73	3.776		
73	3.776	4.70%	34.84%
62.5	4		
62.5	4	0.53%	35.37%
61	4.035		
61	4.035	5.35%	40.72%
51	4.293		
51	4.293	5.69%	46.40%
43	4.54		
43	4.54	6.00%	52.40%
36	4.796		
36	4.796	5.82%	58.22%
30	5.059		
30	5.059	5.32%	63.54%
25	5.322		
25	5.322	4.64%	68.19%
21	5.573		
21	5.573	3.78%	71.97%
18	5.796		
18	5.796	4.10%	76.06%
15	6.059		
15	6.059	3.64%	79.70%
12.5	6.322		
12.5	6.322	3.02%	82.72%
10.5	6.573		
10.5	6.573	2.32%	85.04%
9	6.796		
9	6.796	2.38%	87.42%
7.5	7.059		
7.5	7.059	2.44%	89.86%
6	7.381		
6	7.381	1.64%	91.50%
5	7.644		
5	7.644	1.15%	92.65%
4.3	7.861		
4.3	7.861	0.50%	93.14%
4	7.966		
4	7.966	0.50%	93.64%
3.7	8.078		
3.7	8.078	1.01%	94.65%
3.1	8.334		
3.1	8.334	0.87%	95.51%
2.6	8.587		
2.6	8.587	0.73%	96.24%
2.2	8.828		
2.2	8.828	0.77%	97.01%
1.8	9.118		
1.8	9.118	0.61%	97.61%
1.5	9.381		
1.5	9.381	0.42%	98.04%
1.3	9.587		
1.3	9.587	0.44%	98.48%
1.1	9.828		
1.1	9.828	0.47%	98.95%
0.9	10.118		
< 0,900	> 10,118	1.05%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(225-250)
Peso totale (g)	21.1
Frazione > 63 µm (%)	75.5
Frazione < 63 µm (%)	24.5

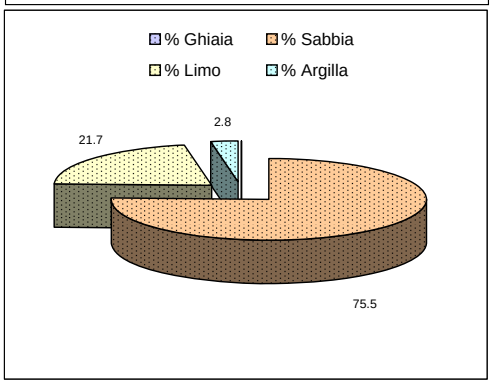
Frazione grossolana (> 63 µm) = 75.5	
% Ghiaia	% Sabbia
0.0	75.5

Frazione pelitica (< 63 µm) = 24.5	
% Limo	% Argilla
21.7	2.8

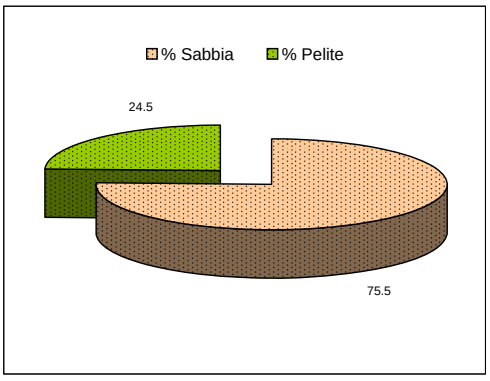
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.563
Deviazione Standard	1.277
Asimmetria (Skewness)	0.466
Appuntimento (Kurtosis)	1.592
Mediana (Φ)	3.282
Moda (Φ)	3.000

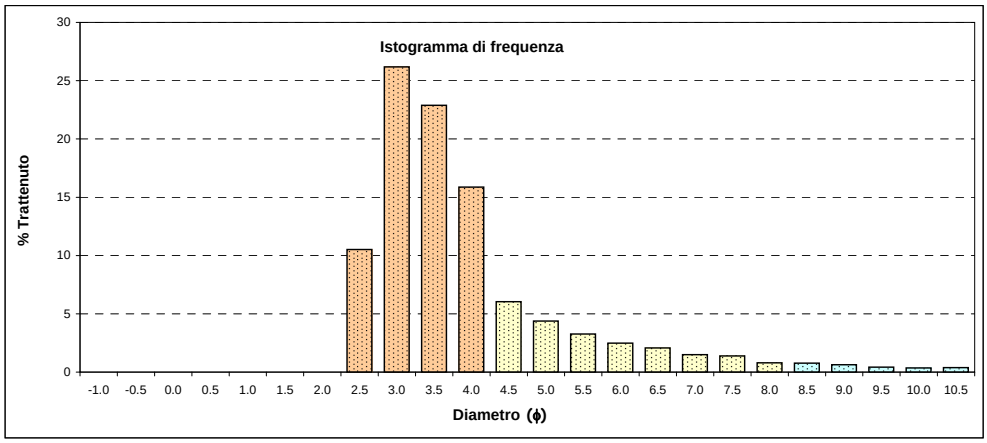
Percentili (Φ)	
5	2.216
16	2.592
25	2.758
50	3.282
75	3.984
84	4.814
95	6.979

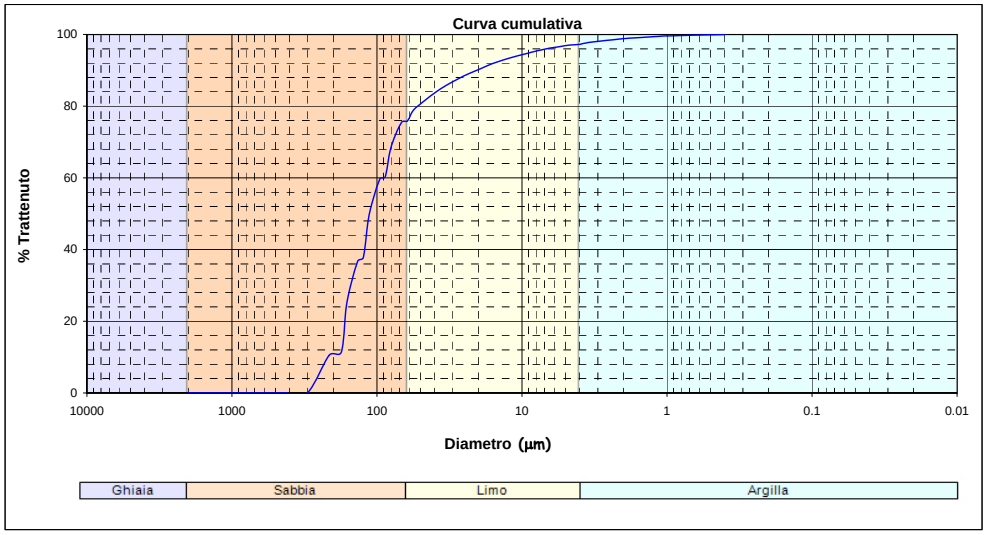
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	10.52%	10.52%
176.78	2.5		
176.78	2.5	0.89%	11.41%
175	2.515		
175	2.515	14.01%	25.42%
147	2.766		
147	2.766	11.28%	36.70%
125	3		
125	3	1.12%	37.83%
123	3.023		
123	3.023	12.05%	49.88%
103	3.279		
103	3.279	9.71%	59.59%
88.39	3.5		
88.39	3.5	0.72%	60.31%
87	3.523		
87	3.523	8.25%	68.56%
73	3.776		
73	3.776	6.90%	75.46%
62.5	4		
62.5	4	0.39%	75.85%
61	4.035		
61	4.035	3.04%	78.89%
51	4.293		
51	4.293	2.62%	81.50%
43	4.54		
43	4.54	2.34%	83.85%
36	4.796		
36	4.796	2.04%	85.89%
30	5.059		
30	5.059	1.76%	87.65%
25	5.322		
25	5.322	1.50%	89.15%
21	5.573		
21	5.573	1.20%	90.35%
18	5.796		
18	5.796	1.29%	91.64%
15	6.059		
15	6.059	1.14%	92.77%
12.5	6.322		
12.5	6.322	0.94%	93.72%
10.5	6.573		
10.5	6.573	0.73%	94.45%
9	6.796		
9	6.796	0.77%	95.22%
7.5	7.059		
7.5	7.059	0.82%	96.04%
6	7.381		
6	7.381	0.57%	96.61%
5	7.644		
5	7.644	0.42%	97.03%
4.3	7.861		
4.3	7.861	0.19%	97.22%
4	7.966		
4	7.966	0.19%	97.41%
3.7	8.078		
3.7	8.078	0.41%	97.82%
3.1	8.334		
3.1	8.334	0.36%	98.18%
2.6	8.587		
2.6	8.587	0.31%	98.49%
2.2	8.828		
2.2	8.828	0.33%	98.82%
1.8	9.118		
1.8	9.118	0.26%	99.07%
1.5	9.381		
1.5	9.381	0.18%	99.25%
1.3	9.587		
1.3	9.587	0.18%	99.43%
1.1	9.828		
1.1	9.828	0.18%	99.61%
0.9	10.118		
< 0,900	> 10,118	0.39%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(250-275)
Peso totale (g)	38.4
Frazione > 63 μm (%)	59.8
Frazione < 63 μm (%)	40.2

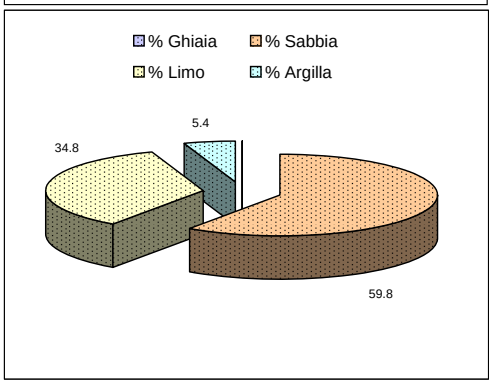
Frazione grossolana (> 63 μm) = 59.8	
% Ghiaia	% Sabbia
0.0	59.8

Frazione pelitica (< 63 μm) = 40.2	
% Limo	% Argilla
34.8	5.4

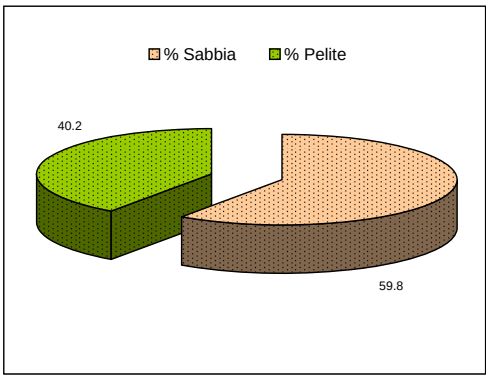
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.187
Deviazione Standard	1.711
Asimmetria (Skewness)	0.504
Appuntimento (Kurtosis)	1.010
Mediana (Φ)	3.676
Moda (Φ)	3.000

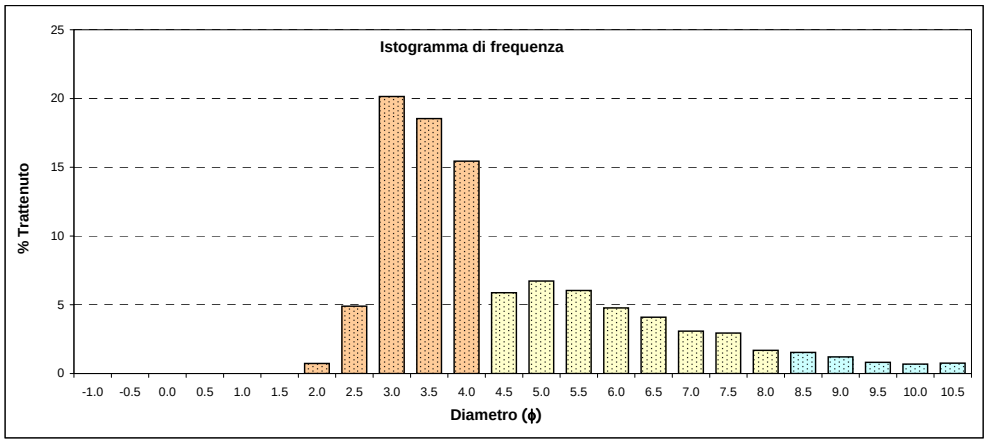
Percentili (Φ)	
5	2.425
16	2.736
25	2.977
50	3.676
75	5.271
84	6.151
95	8.081

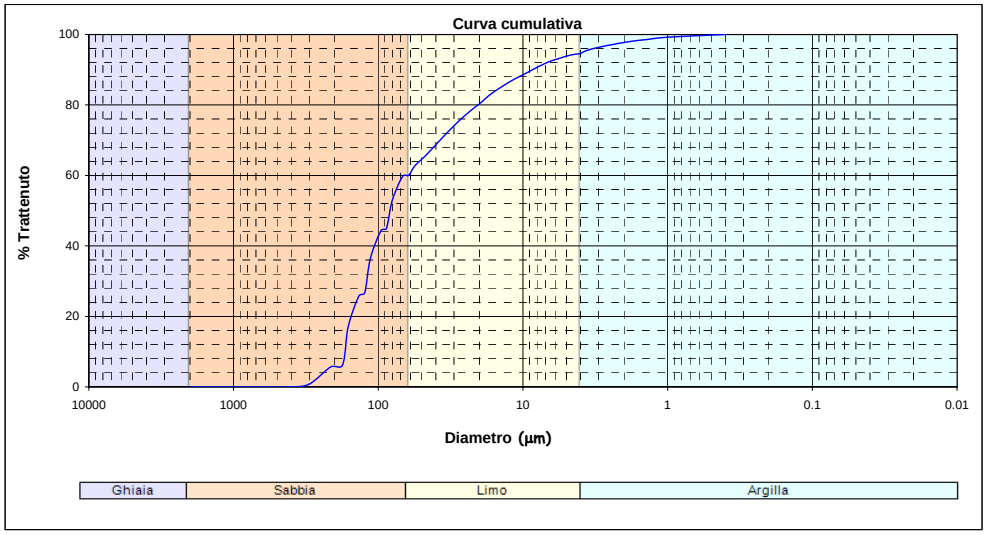
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.73%	0.73%
250	2		
250	2	4.90%	5.63%
176.78	2.5		
176.78	2.5	0.69%	6.32%
175	2.515		
175	2.515	10.89%	17.22%
147	2.766		
147	2.766	8.56%	25.78%
125	3		
125	3	0.98%	26.75%
123	3.023		
123	3.023	9.92%	36.68%
103	3.279		
103	3.279	7.64%	44.32%
88.39	3.5		
88.39	3.5	0.72%	45.04%
87	3.523		
87	3.523	7.94%	52.98%
73	3.776		
73	3.776	6.78%	59.76%
62.5	4		
62.5	4	0.25%	60.01%
61	4.035		
61	4.035	2.65%	62.66%
51	4.293		
51	4.293	2.98%	65.63%
43	4.54		
43	4.54	3.33%	68.97%
36	4.796		
36	4.796	3.40%	72.36%
30	5.059		
30	5.059	3.21%	75.57%
25	5.322		
25	5.322	2.83%	78.40%
21	5.573		
21	5.573	2.30%	80.70%
18	5.796		
18	5.796	2.48%	83.18%
15	6.059		
15	6.059	2.22%	85.40%
12.5	6.322		
12.5	6.322	1.88%	87.28%
10.5	6.573		
10.5	6.573	1.49%	88.76%
9	6.796		
9	6.796	1.59%	90.36%
7.5	7.059		
7.5	7.059	1.73%	92.08%
6	7.381		
6	7.381	1.22%	93.31%
5	7.644		
5	7.644	0.89%	94.20%
4.3	7.861		
4.3	7.861	0.40%	94.59%
4	7.966		
4	7.966	0.40%	94.99%
3.7	8.078		
3.7	8.078	0.82%	95.81%
3.1	8.334		
3.1	8.334	0.72%	96.53%
2.6	8.587		
2.6	8.587	0.60%	97.13%
2.2	8.828		
2.2	8.828	0.62%	97.75%
1.8	9.118		
1.8	9.118	0.48%	98.23%
1.5	9.381		
1.5	9.381	0.33%	98.56%
1.3	9.587		
1.3	9.587	0.34%	98.90%
1.1	9.828		
1.1	9.828	0.35%	99.24%
0.9	10.118		
< 0,900	> 10,118	0.76%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 34
Livello (cm)	(275-300)
Peso totale (g)	46.4
Frazione > 63 μm (%)	82.7
Frazione < 63 μm (%)	17.3

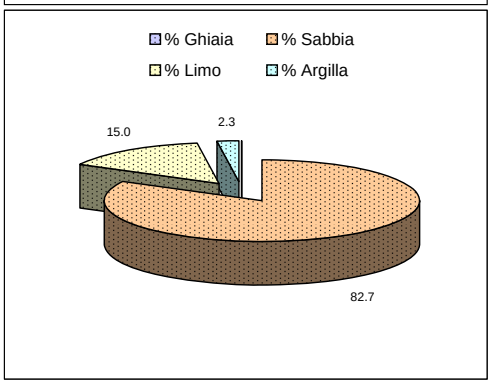
Frazione grossolana (> 63 μm) = 82.7	
% Ghiaia	% Sabbia
0.0	82.7

Frazione pelitica (< 63 μm) = 17.3	
% Limo	% Argilla
15.0	2.3

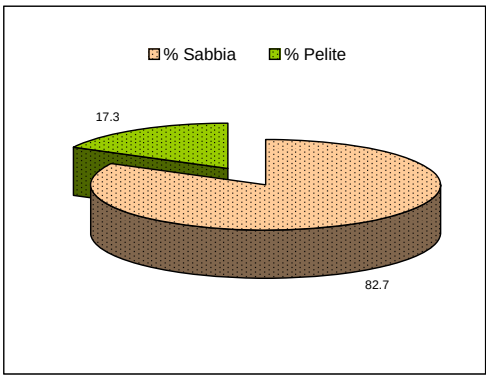
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.173
Deviazione Standard	1.155
Asimmetria (Skewness)	0.587
Appuntimento (Kurtosis)	2.062
Mediana (Φ)	2.860
Moda (Φ)	3.000

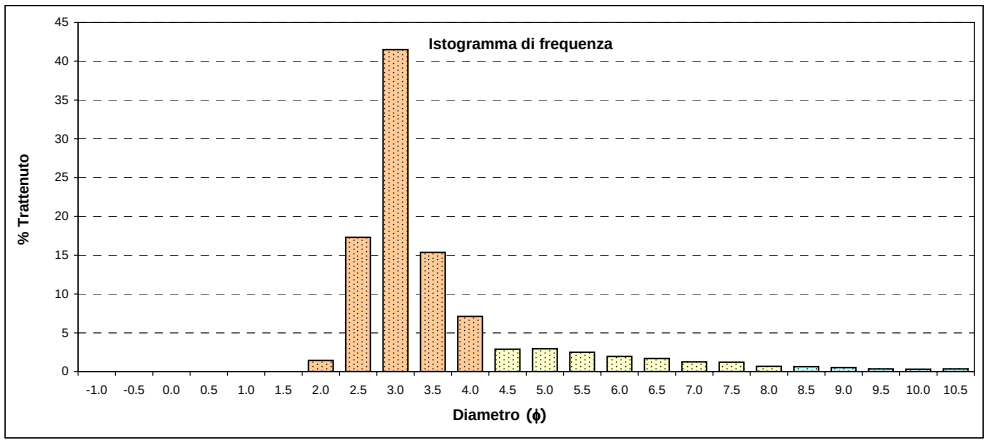
Percentili (Φ)	
5	2.090
16	2.408
25	2.565
50	2.860
75	3.477
84	4.251
95	6.676

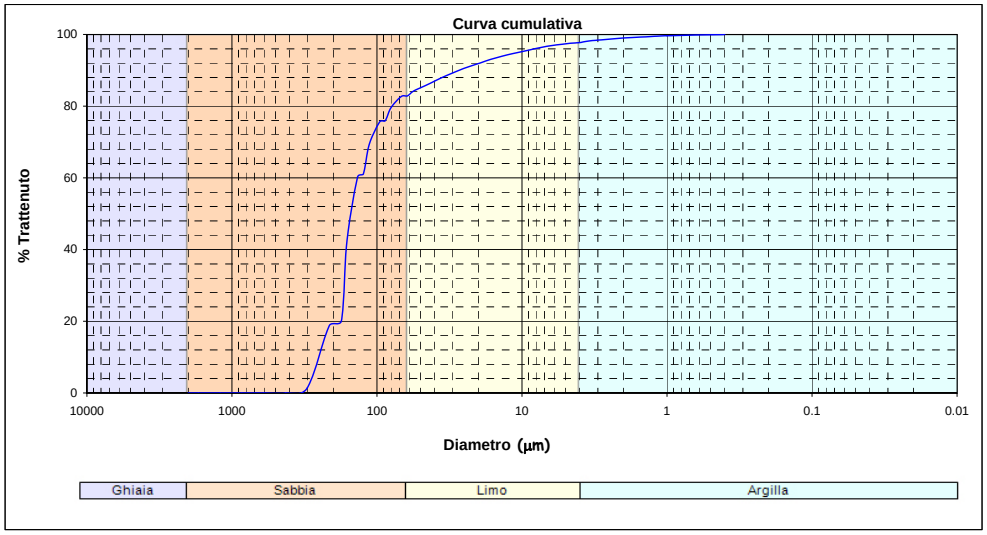
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.45%	1.45%
250	2		
250	2	17.30%	18.74%
176.78	2.5		
176.78	2.5	1.42%	20.16%
175	2.515		
175	2.515	22.39%	42.55%
147	2.766		
147	2.766	17.70%	60.25%
125	3		
125	3	0.81%	61.06%
123	3.023		
123	3.023	8.29%	69.35%
103	3.279		
103	3.279	6.26%	75.62%
88.39	3.5		
88.39	3.5	0.33%	75.95%
87	3.523		
87	3.523	3.66%	79.60%
73	3.776		
73	3.776	3.13%	82.73%
62.5	4		
62.5	4	0.14%	82.87%
61	4.035		
61	4.035	1.34%	84.21%
51	4.293		
51	4.293	1.41%	85.62%
43	4.54		
43	4.54	1.49%	87.11%
36	4.796		
36	4.796	1.46%	88.57%
30	5.059		
30	5.059	1.34%	89.90%
25	5.322		
25	5.322	1.16%	91.06%
21	5.573		
21	5.573	0.94%	92.00%
18	5.796		
18	5.796	1.02%	93.02%
15	6.059		
15	6.059	0.91%	93.93%
12.5	6.322		
12.5	6.322	0.77%	94.71%
10.5	6.573		
10.5	6.573	0.61%	95.32%
9	6.796		
9	6.796	0.65%	95.97%
7.5	7.059		
7.5	7.059	0.71%	96.68%
6	7.381		
6	7.381	0.50%	97.18%
5	7.644		
5	7.644	0.37%	97.55%
4.3	7.861		
4.3	7.861	0.16%	97.71%
4	7.966		
4	7.966	0.16%	97.87%
3.7	8.078		
3.7	8.078	0.34%	98.21%
3.1	8.334		
3.1	8.334	0.29%	98.50%
2.6	8.587		
2.6	8.587	0.25%	98.74%
2.2	8.828		
2.2	8.828	0.26%	99.00%
1.8	9.118		
1.8	9.118	0.20%	99.21%
1.5	9.381		
1.5	9.381	0.14%	99.35%
1.3	9.587		
1.3	9.587	0.15%	99.50%
1.1	9.828		
1.1	9.828	0.15%	99.65%
0.9	10.118		
< 0,900	> 10,118	0.35%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 35
Livello (cm)	(0-25)
Peso totale (g)	39.1
Frazione > 63 μm (%)	11.3
Frazione < 63 μm (%)	88.7

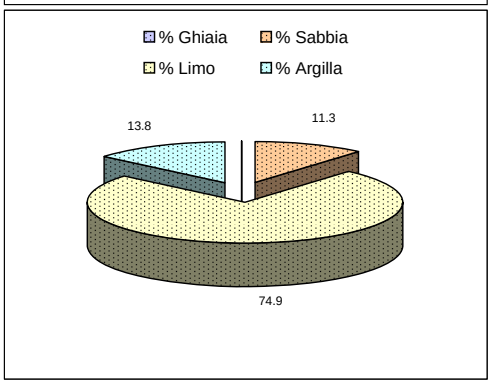
Frazione grossolana (> 63 μm) = 11.3	
% Ghiaia	% Sabbia
0.0	11.3

Frazione pelitica (< 63 μm) = 88.7	
% Limo	% Argilla
74.9	13.8

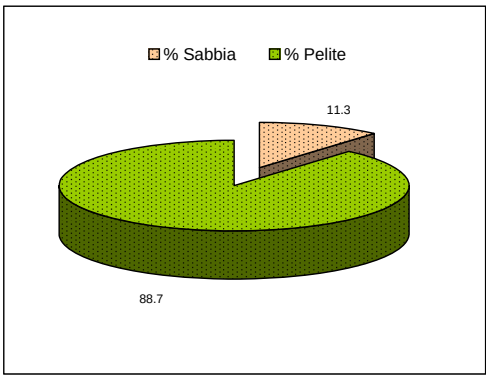
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.885
Deviazione Standard	1.733
Asimmetria (Skewness)	0.250
Appuntimento (Kurtosis)	1.063
Mediana (Φ)	5.629
Moda (Φ)	5.500

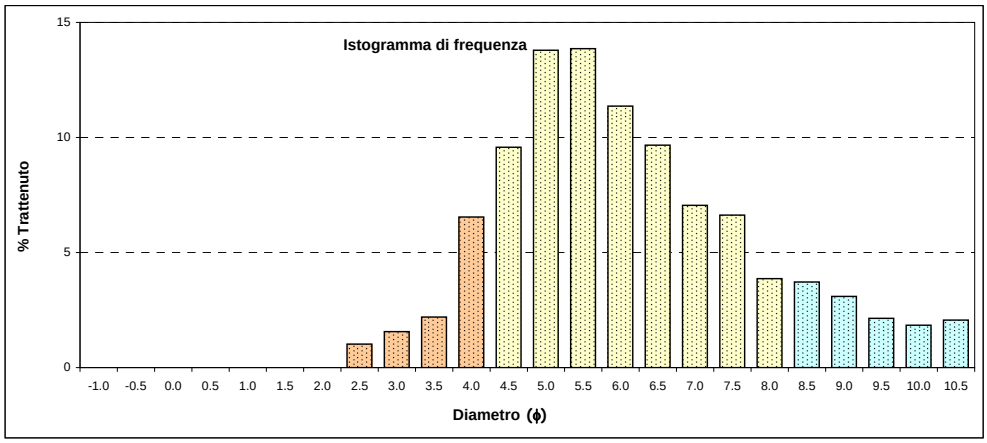
Percentili (Φ)	
5	3.524
16	4.308
25	4.694
50	5.629
75	6.933
84	7.718
95	9.333

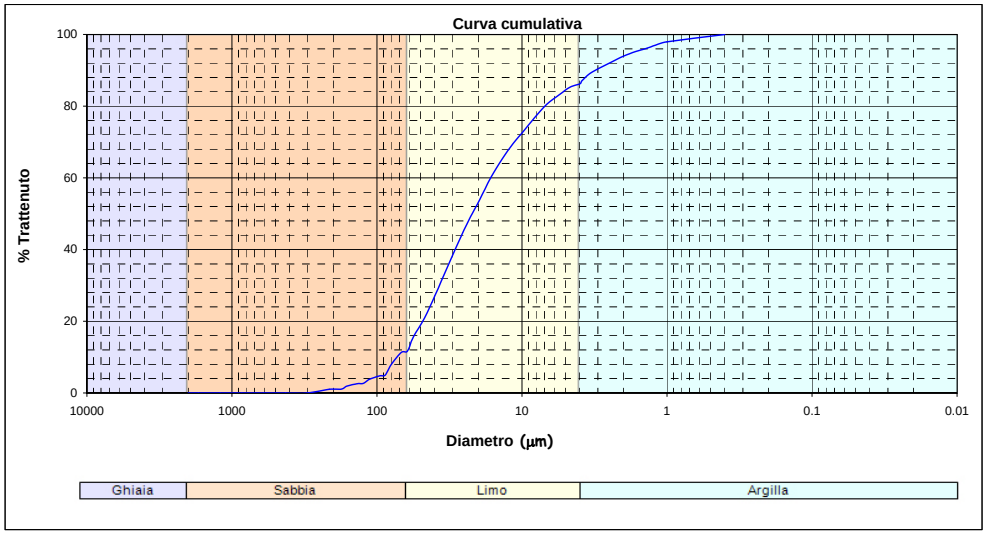
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.02%	1.02%
176.78	2.5		
176.78	2.5	0.05%	1.08%
175	2.515		
175	2.515	0.84%	1.92%
147	2.766		
147	2.766	0.66%	2.59%
125	3		
125	3	0.11%	2.70%
123	3.023		
123	3.023	1.09%	3.79%
103	3.279		
103	3.279	1.00%	4.79%
88.39	3.5		
88.39	3.5	0.20%	4.98%
87	3.523		
87	3.523	2.86%	7.84%
73	3.776		
73	3.776	3.49%	11.33%
62.5	4		
62.5	4	0.31%	11.64%
61	4.035		
61	4.035	4.03%	15.67%
51	4.293		
51	4.293	5.23%	20.91%
43	4.54		
43	4.54	6.54%	27.45%
36	4.796		
36	4.796	7.25%	34.70%
30	5.059		
30	5.059	7.25%	41.95%
25	5.322		
25	5.322	6.61%	48.56%
21	5.573		
21	5.573	5.45%	54.01%
18	5.796		
18	5.796	5.91%	59.93%
15	6.059		
15	6.059	5.26%	65.19%
12.5	6.322		
12.5	6.322	4.40%	69.59%
10.5	6.573		
10.5	6.573	3.43%	73.02%
9	6.796		
9	6.796	3.62%	76.64%
7.5	7.059		
7.5	7.059	3.88%	80.52%
6	7.381		
6	7.381	2.75%	83.27%
5	7.644		
5	7.644	2.03%	85.30%
4.3	7.861		
4.3	7.861	0.92%	86.22%
4	7.966		
4	7.966	0.92%	87.14%
3.7	8.078		
3.7	8.078	1.96%	89.10%
3.1	8.334		
3.1	8.334	1.76%	90.85%
2.6	8.587		
2.6	8.587	1.50%	92.35%
2.2	8.828		
2.2	8.828	1.60%	93.95%
1.8	9.118		
1.8	9.118	1.26%	95.21%
1.5	9.381		
1.5	9.381	0.88%	96.09%
1.3	9.587		
1.3	9.587	0.91%	97.00%
1.1	9.828		
1.1	9.828	0.94%	97.94%
0.9	10.118		
< 0,900	> 10,118	2.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 35
Livello (cm)	(25-50)
Peso totale (g)	25.4
Frazione > 63 µm (%)	32.3
Frazione < 63 µm (%)	67.7

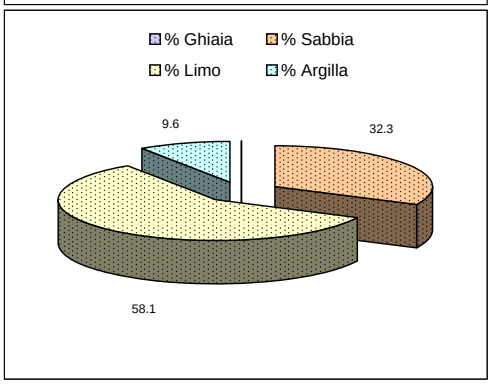
Frazione grossolana (> 63 µm) = 32.3	
% Ghiaia	% Sabbia
0.0	32.3

Frazione pelitica (< 63 µm) = 67.7	
% Limo	% Argilla
58.1	9.6

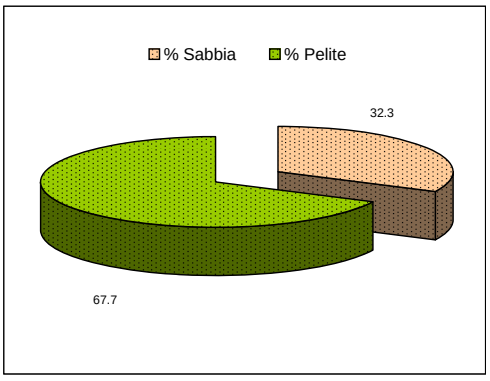
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.911
Deviazione Standard	2.074
Asimmetria (Skewness)	0.139
Appuntimento (Kurtosis)	0.993
Mediana (Φ)	4.831
Moda (Φ)	5.000

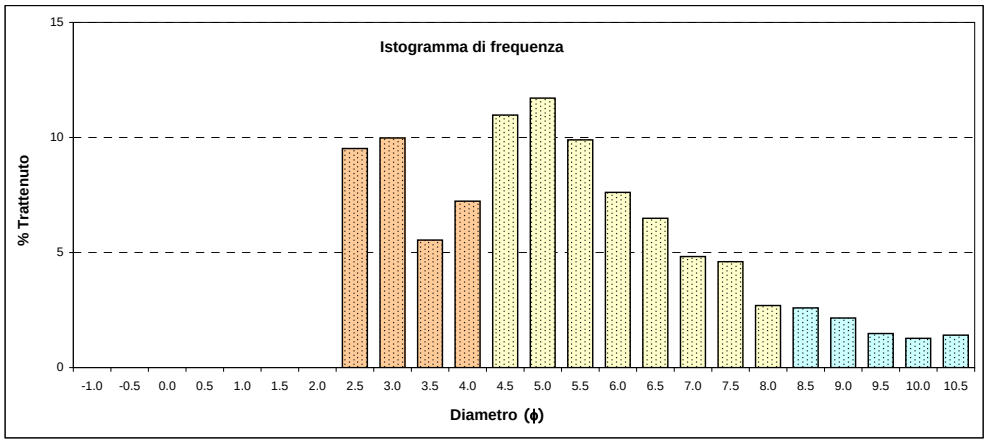
Percentili (Φ)	
5	2.241
16	2.818
25	3.496
50	4.831
75	6.243
84	7.082
95	8.896

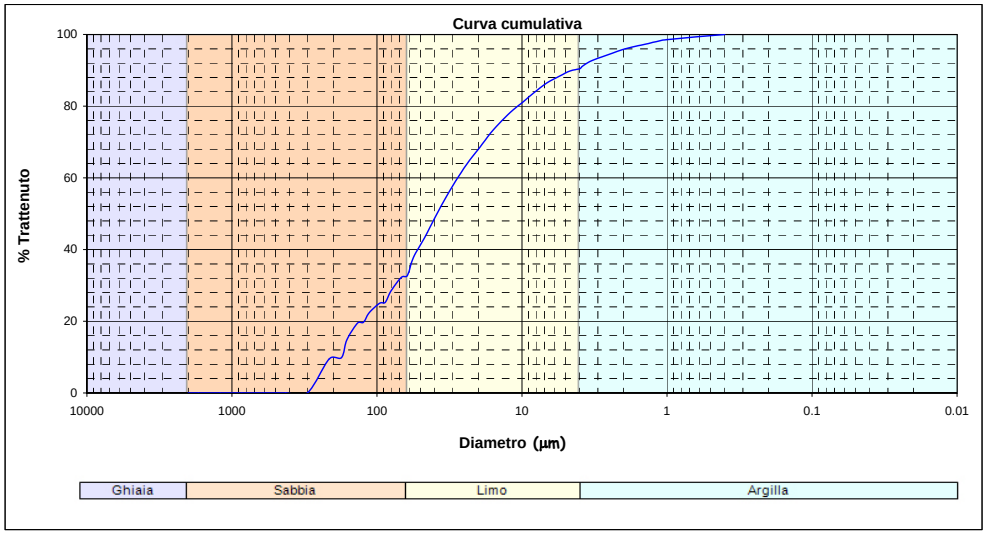
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	9.52%	9.52%
176.78	2.5		
176.78	2.5	0.29%	9.82%
175	2.515		
175	2.515	5.09%	14.91%
147	2.766		
147	2.766	4.59%	19.50%
125	3		
125	3	0.21%	19.71%
123	3.023		
123	3.023	2.72%	22.42%
103	3.279		
103	3.279	2.62%	25.04%
88.39	3.5		
88.39	3.5	0.21%	25.25%
87	3.523		
87	3.523	3.23%	28.47%
73	3.776		
73	3.776	3.80%	32.27%
62.5	4		
62.5	4	0.49%	32.77%
61	4.035		
61	4.035	5.02%	37.79%
51	4.293		
51	4.293	5.46%	43.25%
43	4.54		
43	4.54	5.90%	49.15%
36	4.796		
36	4.796	5.81%	54.96%
30	5.059		
30	5.059	5.32%	60.28%
25	5.322		
25	5.322	4.58%	64.86%
21	5.573		
21	5.573	3.67%	68.53%
18	5.796		
18	5.796	3.94%	72.47%
15	6.059		
15	6.059	3.52%	75.99%
12.5	6.322		
12.5	6.322	2.97%	78.96%
10.5	6.573		
10.5	6.573	2.34%	81.29%
9	6.796		
9	6.796	2.49%	83.78%
7.5	7.059		
7.5	7.059	2.69%	86.47%
6	7.381		
6	7.381	1.91%	88.39%
5	7.644		
5	7.644	1.41%	89.80%
4.3	7.861		
4.3	7.861	0.64%	90.44%
4	7.966		
4	7.966	0.64%	91.08%
3.7	8.078		
3.7	8.078	1.37%	92.45%
3.1	8.334		
3.1	8.334	1.22%	93.68%
2.6	8.587		
2.6	8.587	1.04%	94.72%
2.2	8.828		
2.2	8.828	1.11%	95.83%
1.8	9.118		
1.8	9.118	0.88%	96.71%
1.5	9.381		
1.5	9.381	0.61%	97.31%
1.3	9.587		
1.3	9.587	0.63%	97.94%
1.1	9.828		
1.1	9.828	0.64%	98.59%
0.9	10.118		
< 0,900	> 10,118	1.41%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 35**
Livello (cm)	**(50-75)**
Peso totale (g)	28.3
Frazione > 63 µm (%)	29.9
Frazione < 63 µm (%)	70.1

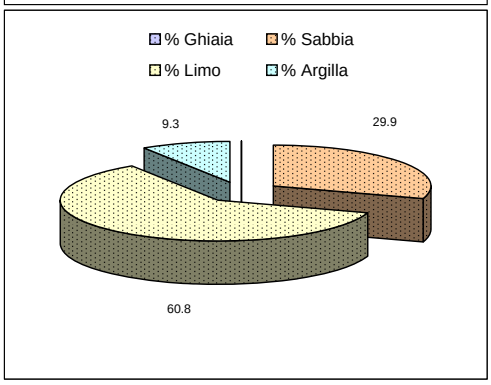
Frazione grossolana (> 63 µm) =	**29.9**
% Ghiaia	**% Sabbia**
0.0	**29.9**

Frazione pelitica (< 63 µm) =	**70.1**
% Limo	**% Argilla**
60.8	**9.3**

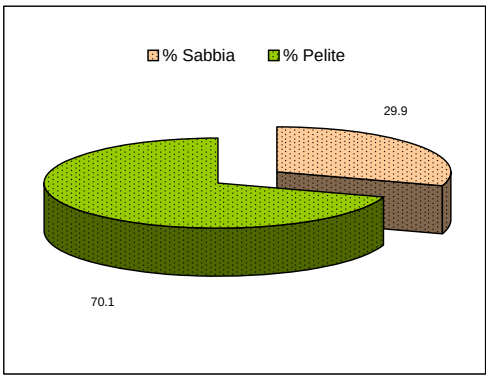
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.146
Deviazione Standard	1.810
Asimmetria (Skewness)	0.277
Appuntimento (Kurtosis)	1.032
Mediana (Φ)	4.864
Moda (Φ)	4.000

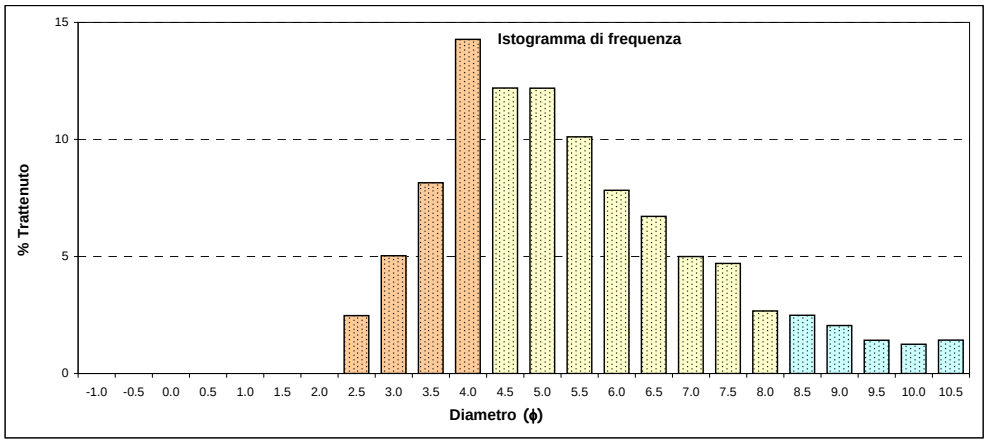
Percentili (Φ)	
5	2.775
16	3.514
25	3.832
50	4.864
75	6.252
84	7.061
95	8.869

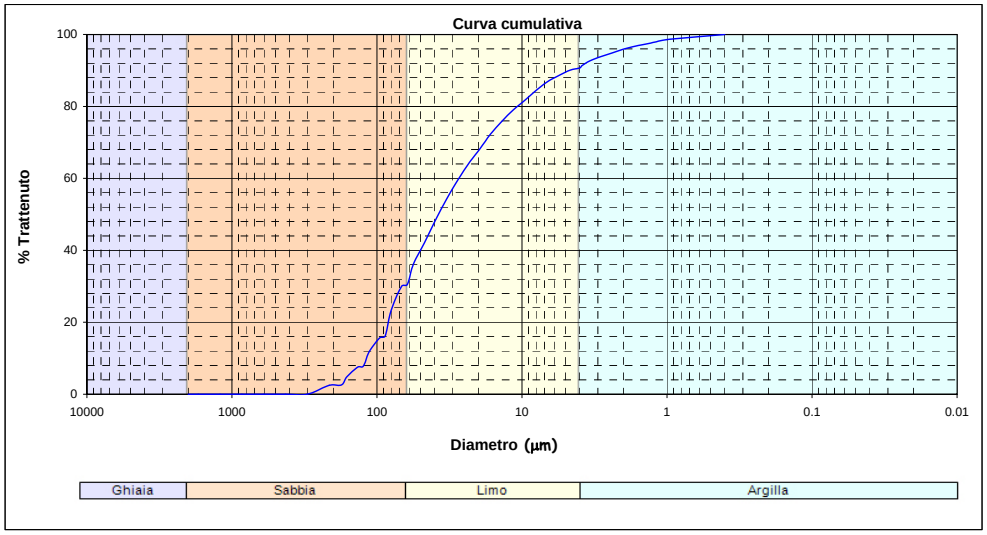
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.48%	2.48%
176.78	2.5		
176.78	2.5	0.11%	2.58%
175	2.515		
175	2.515	2.31%	4.89%
147	2.766		
147	2.766	2.62%	7.51%
125	3		
125	3	0.32%	7.83%
123	3.023		
123	3.023	4.05%	11.88%
103	3.279		
103	3.279	3.78%	15.66%
88.39	3.5		
88.39	3.5	0.56%	16.22%
87	3.523		
87	3.523	6.99%	23.21%
73	3.776		
73	3.776	6.73%	29.94%
62.5	4		
62.5	4	0.59%	30.53%
61	4.035		
61	4.035	5.69%	36.21%
51	4.293		
51	4.293	5.92%	42.13%
43	4.54		
43	4.54	6.21%	48.34%
36	4.796		
36	4.796	5.99%	54.33%
30	5.059		
30	5.059	5.43%	59.76%
25	5.322		
25	5.322	4.68%	64.44%
21	5.573		
21	5.573	3.77%	68.20%
18	5.796		
18	5.796	4.06%	72.27%
15	6.059		
15	6.059	3.64%	75.91%
12.5	6.322		
12.5	6.322	3.08%	78.98%
10.5	6.573		
10.5	6.573	2.42%	81.40%
9	6.796		
9	6.796	2.58%	83.98%
7.5	7.059		
7.5	7.059	2.76%	86.74%
6	7.381		
6	7.381	1.94%	88.68%
5	7.644		
5	7.644	1.41%	90.09%
4.3	7.861		
4.3	7.861	0.63%	90.72%
4	7.966		
4	7.966	0.63%	91.35%
3.7	8.078		
3.7	8.078	1.32%	92.68%
3.1	8.334		
3.1	8.334	1.17%	93.85%
2.6	8.587		
2.6	8.587	0.99%	94.84%
2.2	8.828		
2.2	8.828	1.06%	95.89%
1.8	9.118		
1.8	9.118	0.84%	96.73%
1.5	9.381		
1.5	9.381	0.59%	97.32%
1.3	9.587		
1.3	9.587	0.61%	97.93%
1.1	9.828		
1.1	9.828	0.64%	98.57%
0.9	10.118		
< 0,900	> 10,118	1.43%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 35
Livello (cm)	(75-100)
Peso totale (g)	36.3
Frazione > 63 μm (%)	28.9
Frazione < 63 μm (%)	71.1

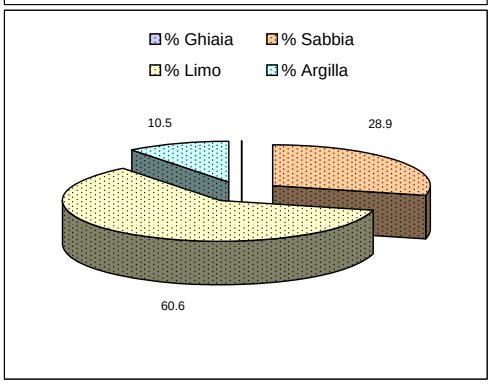
Frazione grossolana (> 63 μm) = 28.9	
% Ghiaia	% Sabbia
0.0	28.9

Frazione pelitica (< 63 μm) = 71.1	
% Limo	% Argilla
60.6	10.5

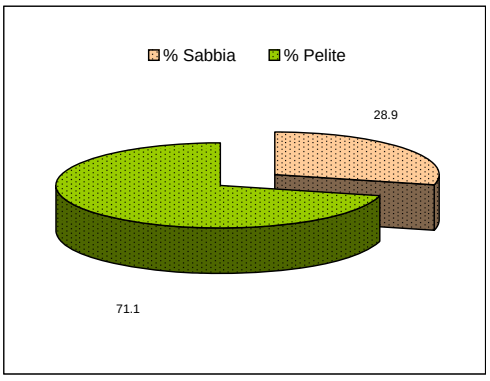
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.248
Deviazione Standard	2.071
Asimmetria (Skewness)	0.108
Appuntimento (Kurtosis)	1.109
Mediana (Φ)	5.094
Moda (Φ)	4.000

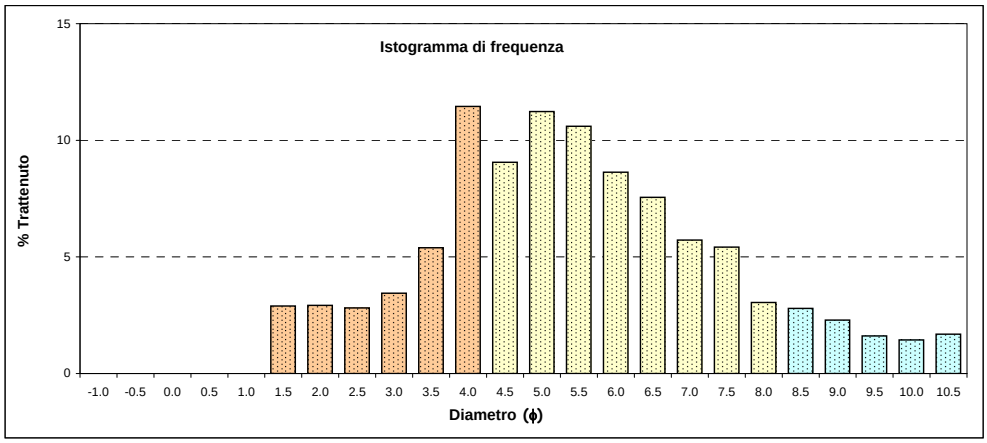
Percentili (Φ)	
5	1.842
16	3.367
25	3.834
50	5.094
75	6.497
84	7.282
95	9.048

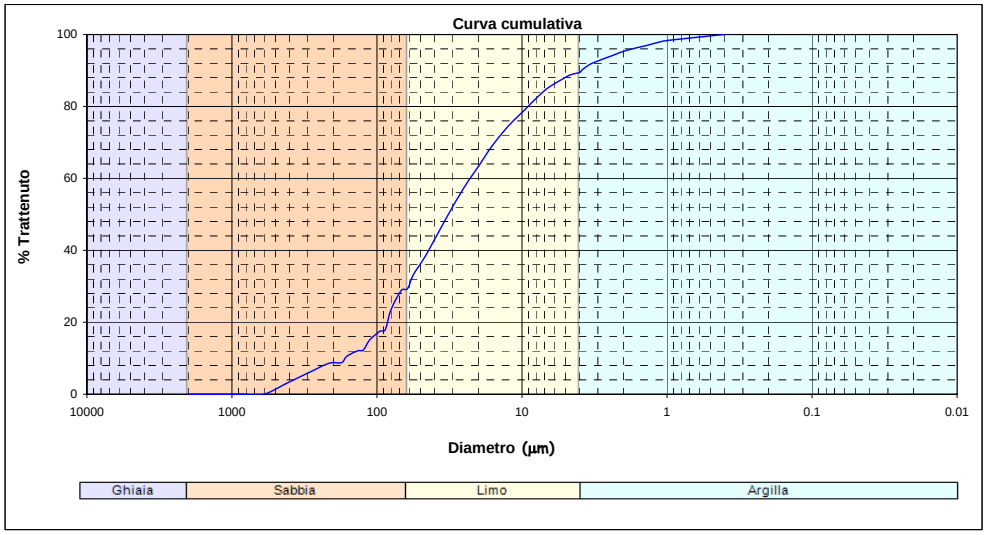
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	2.89%	2.89%
353.55	1.5		
353.55	1.5	2.92%	5.82%
250	2		
250	2	2.81%	8.63%
176.78	2.5		
176.78	2.5	0.12%	8.75%
175	2.515		
175	2.515	1.86%	10.61%
147	2.766		
147	2.766	1.46%	12.07%
125	3		
125	3	0.24%	12.31%
123	3.023		
123	3.023	2.65%	14.96%
103	3.279		
103	3.279	2.50%	17.46%
88.39	3.5		
88.39	3.5	0.46%	17.92%
87	3.523		
87	3.523	5.59%	23.51%
73	3.776		
73	3.776	5.40%	28.92%
62.5	4		
62.5	4	0.36%	29.28%
61	4.035		
61	4.035	4.00%	33.28%
51	4.293		
51	4.293	4.69%	37.97%
43	4.54		
43	4.54	5.47%	43.44%
36	4.796		
36	4.796	5.77%	49.21%
30	5.059		
30	5.059	5.59%	54.79%
25	5.322		
25	5.322	5.01%	59.80%
21	5.573		
21	5.573	4.12%	63.93%
18	5.796		
18	5.796	4.51%	68.43%
15	6.059		
15	6.059	4.07%	72.51%
12.5	6.322		
12.5	6.322	3.48%	75.99%
10.5	6.573		
10.5	6.573	2.76%	78.75%
9	6.796		
9	6.796	2.96%	81.71%
7.5	7.059		
7.5	7.059	3.19%	84.90%
6	7.381		
6	7.381	2.23%	87.13%
5	7.644		
5	7.644	1.62%	88.75%
4.3	7.861		
4.3	7.861	0.71%	89.46%
4	7.966		
4	7.966	0.71%	90.18%
3.7	8.078		
3.7	8.078	1.49%	91.67%
3.1	8.334		
3.1	8.334	1.31%	92.97%
2.6	8.587		
2.6	8.587	1.11%	94.08%
2.2	8.828		
2.2	8.828	1.18%	95.26%
1.8	9.118		
1.8	9.118	0.95%	96.21%
1.5	9.381		
1.5	9.381	0.67%	96.88%
1.3	9.587		
1.3	9.587	0.70%	97.58%
1.1	9.828		
1.1	9.828	0.74%	98.32%
0.9	10.118		
< 0,900	> 10,118	1.68%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(0-25)
Peso totale (g)	16.4
Frazione > 63 μm (%)	19.9
Frazione < 63 μm (%)	80.1

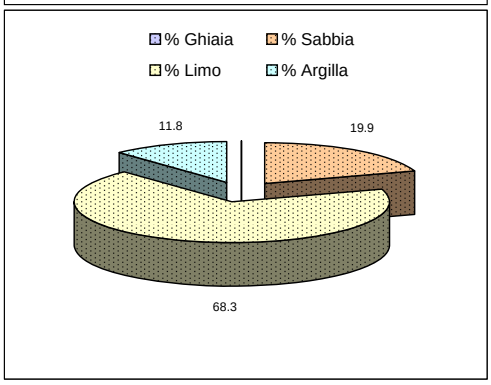
Frazione grossolana (> 63 μm) = 19.9	
% Ghiaia	% Sabbia
0.0	19.9

Frazione pelitica (< 63 μm) = 80.1	
% Limo	% Argilla
68.3	11.8

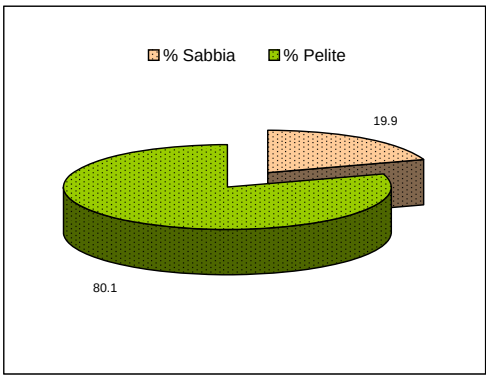
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.589
Deviazione Standard	1.859
Asimmetria (Skewness)	0.131
Appuntimento (Kurtosis)	1.080
Mediana (Φ)	5.491
Moda (Φ)	5.500

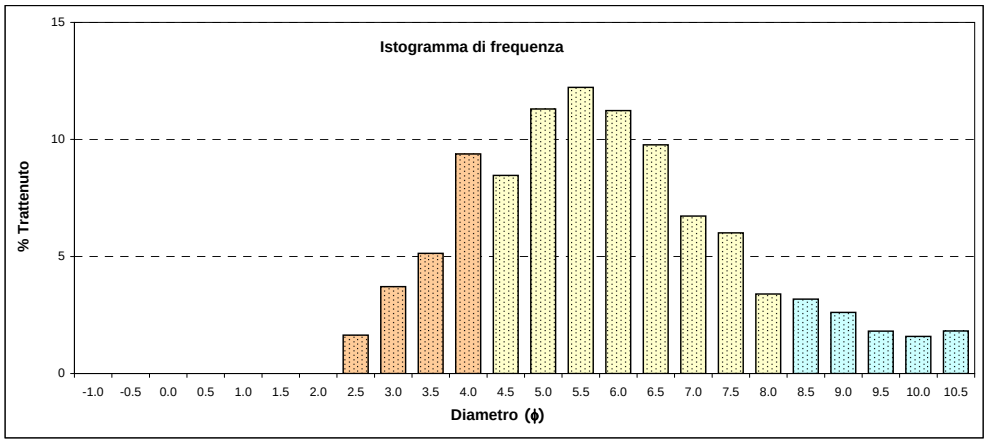
Percentili (Φ)	
5	2.944
16	3.806
25	4.351
50	5.491
75	6.713
84	7.469
95	9.169

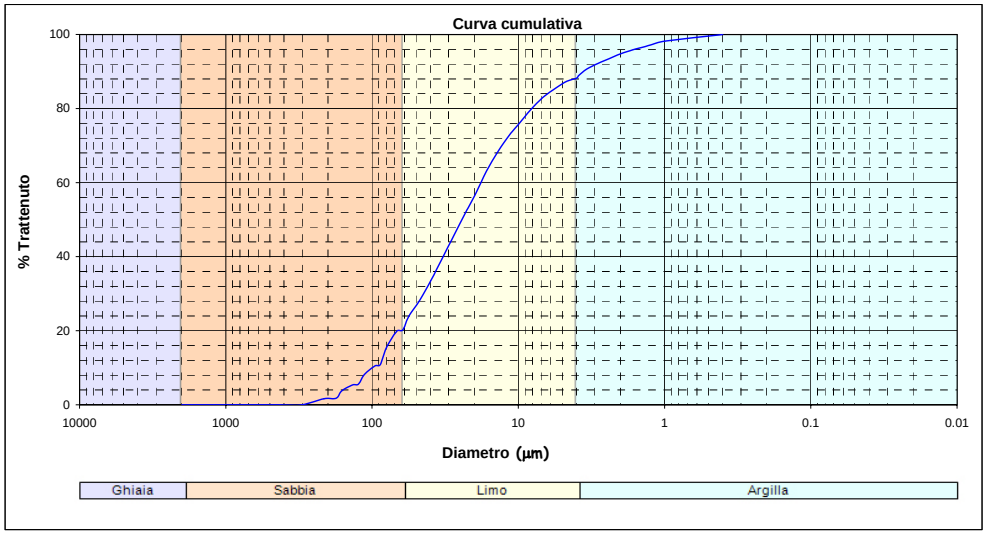
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.64%	1.64%
176.78	2.5		
176.78	2.5	0.13%	1.77%
175	2.515		
175	2.515	2.01%	3.78%
147	2.766		
147	2.766	1.58%	5.35%
125	3		
125	3	0.24%	5.59%
123	3.023		
123	3.023	2.56%	8.15%
103	3.279		
103	3.279	2.34%	10.49%
88.39	3.5		
88.39	3.5	0.36%	10.85%
87	3.523		
87	3.523	4.50%	15.35%
73	3.776		
73	3.776	4.52%	19.87%
62.5	4		
62.5	4	0.32%	20.19%
61	4.035		
61	4.035	3.69%	23.88%
51	4.293		
51	4.293	4.45%	28.33%
43	4.54		
43	4.54	5.36%	33.68%
36	4.796		
36	4.796	5.95%	39.63%
30	5.059		
30	5.059	6.20%	45.83%
25	5.322		
25	5.322	6.02%	51.85%
21	5.573		
21	5.573	5.27%	57.12%
18	5.796		
18	5.796	5.97%	63.09%
15	6.059		
15	6.059	5.36%	68.45%
12.5	6.322		
12.5	6.322	4.41%	72.86%
10.5	6.573		
10.5	6.573	3.33%	76.19%
9	6.796		
9	6.796	3.39%	79.58%
7.5	7.059		
7.5	7.059	3.54%	83.12%
6	7.381		
6	7.381	2.47%	85.59%
5	7.644		
5	7.644	1.80%	87.38%
4.3	7.861		
4.3	7.861	0.80%	88.19%
4	7.966		
4	7.966	0.80%	88.99%
3.7	8.078		
3.7	8.078	1.69%	90.67%
3.1	8.334		
3.1	8.334	1.49%	92.17%
2.6	8.587		
2.6	8.587	1.27%	93.43%
2.2	8.828		
2.2	8.828	1.35%	94.78%
1.8	9.118		
1.8	9.118	1.07%	95.85%
1.5	9.381		
1.5	9.381	0.75%	96.59%
1.3	9.587		
1.3	9.587	0.78%	97.37%
1.1	9.828		
1.1	9.828	0.81%	98.18%
0.9	10.118		
< 0,900	> 10,118	1.82%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(25-50)
Peso totale (g)	17.4
Frazione > 63 μm (%)	9.3
Frazione < 63 μm (%)	90.7

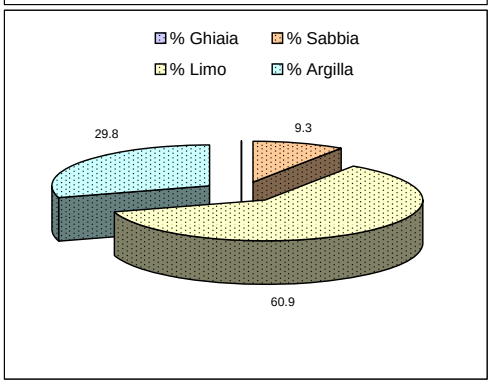
Frazione grossolana (> 63 μm) = 9.3	
% Ghiaia	% Sabbia
0.0	9.3

Frazione pelitica (< 63 μm) = 90.7	
% Limo	% Argilla
60.9	29.8

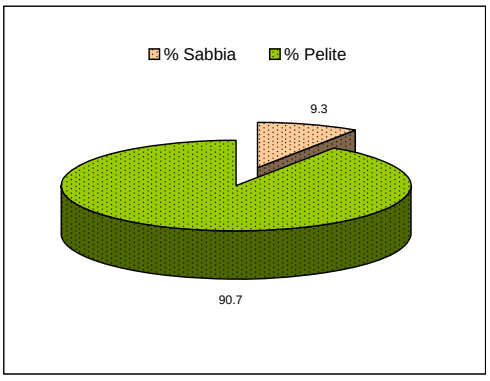
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.946
Deviazione Standard	2.069
Asimmetria (Skewness)	-0.069
Appuntimento (Kurtosis)	1.169
Mediana (Φ)	6.924
Moda (Φ)	7.500

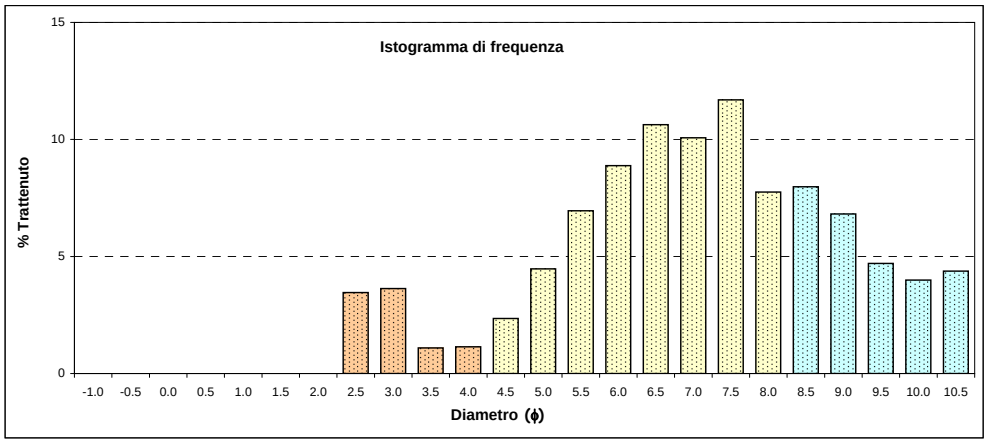
Percentili (Φ)	
5	2.691
16	5.042
25	5.680
50	6.924
75	8.249
84	8.873
95	10.022

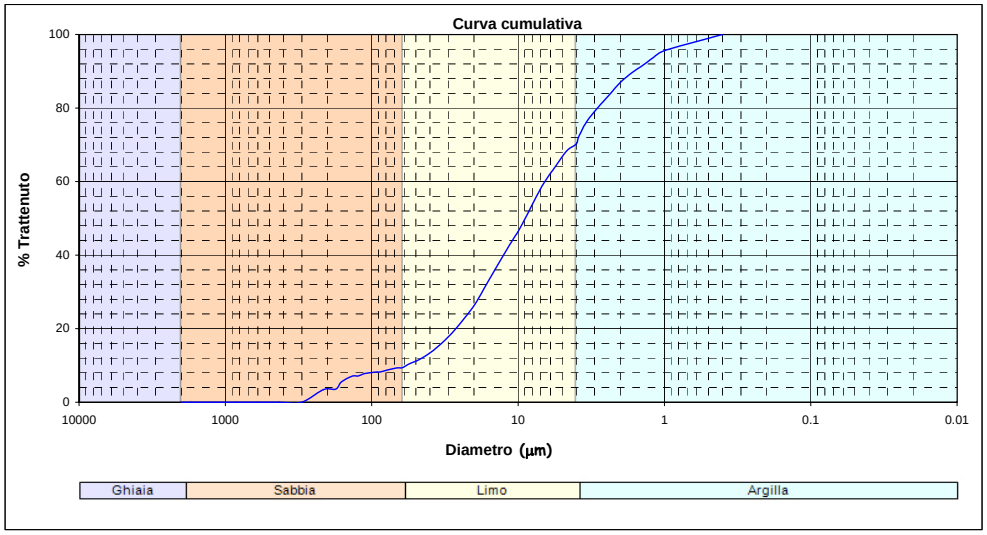
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.46%	3.46%
176.78	2.5		
176.78	2.5	0.12%	3.58%
175	2.515		
175	2.515	1.96%	5.55%
147	2.766		
147	2.766	1.54%	7.09%
125	3		
125	3	0.06%	7.15%
123	3.023		
123	3.023	0.60%	7.75%
103	3.279		
103	3.279	0.44%	8.19%
88.39	3.5		
88.39	3.5	0.02%	8.21%
87	3.523		
87	3.523	0.45%	8.66%
73	3.776		
73	3.776	0.67%	9.33%
62.5	4		
62.5	4	0.07%	9.40%
61	4.035		
61	4.035	0.95%	10.35%
51	4.293		
51	4.293	1.33%	11.68%
43	4.54		
43	4.54	1.91%	13.59%
36	4.796		
36	4.796	2.56%	16.15%
30	5.059		
30	5.059	3.23%	19.38%
25	5.322		
25	5.322	3.73%	23.11%
21	5.573		
21	5.573	3.80%	26.91%
18	5.796		
18	5.796	5.08%	31.99%
15	6.059		
15	6.059	5.41%	37.40%
12.5	6.322		
12.5	6.322	5.22%	42.62%
10.5	6.573		
10.5	6.573	4.59%	47.21%
9	6.796		
9	6.796	5.47%	52.69%
7.5	7.059		
7.5	7.059	6.60%	59.28%
6	7.381		
6	7.381	5.10%	64.38%
5	7.644		
5	7.644	3.99%	68.36%
4.3	7.861		
4.3	7.861	1.88%	70.25%
4	7.966		
4	7.966	1.88%	72.13%
3.7	8.078		
3.7	8.078	4.17%	76.30%
3.1	8.334		
3.1	8.334	3.81%	80.11%
2.6	8.587		
2.6	8.587	3.29%	83.40%
2.2	8.828		
2.2	8.828	3.52%	86.93%
1.8	9.118		
1.8	9.118	2.78%	89.71%
1.5	9.381		
1.5	9.381	1.92%	91.63%
1.3	9.587		
1.3	9.587	1.97%	93.61%
1.1	9.828		
1.1	9.828	2.02%	95.62%
0.9	10.118		
< 0,900	> 10,118	4.38%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 36**
Livello (cm)	**(50-75)**
Peso totale (g)	24.1
Frazione > 63 μm (%)	4.9
Frazione < 63 μm (%)	95.1

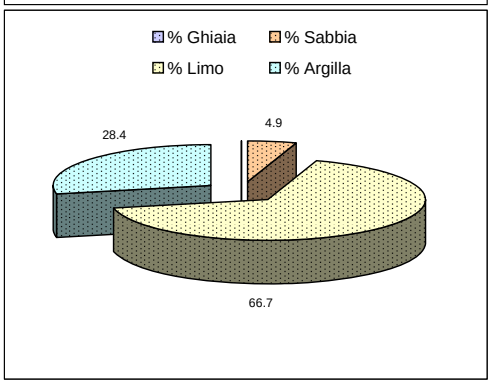
Frazione grossolana (> 63 μm) =	**4.9**
% Ghiaia	**% Sabbia**
0.0	**4.9**

Frazione pelitica (< 63 μm) =	**95.1**
% Limo	**% Argilla**
66.7	**28.4**

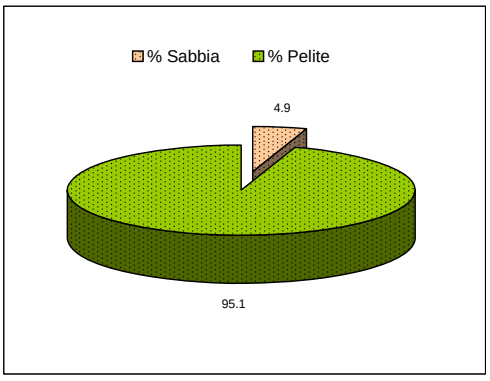
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.944
Deviazione Standard	1.800
Asimmetria (Skewness)	0.051
Appuntimento (Kurtosis)	0.980
Mediana (Φ)	6.872
Moda (Φ)	7.500

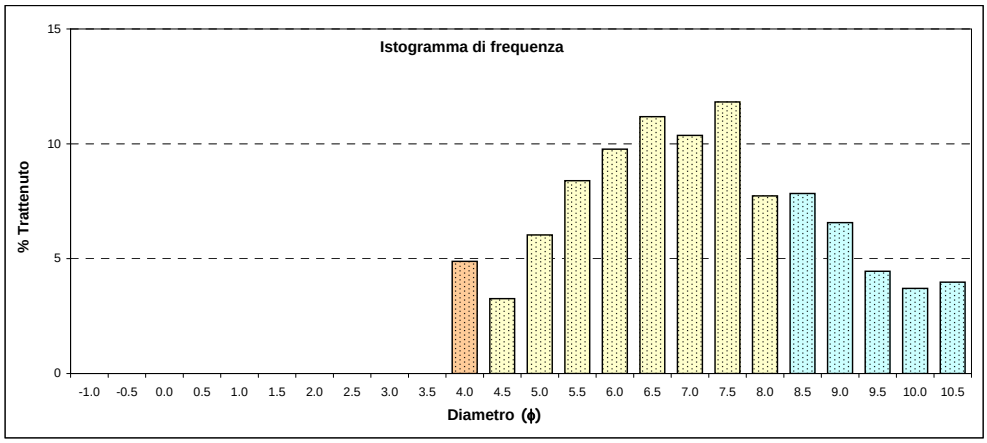
Percentili (Φ)	
5	4.039
16	5.172
25	5.696
50	6.872
75	8.169
84	8.789
95	9.952

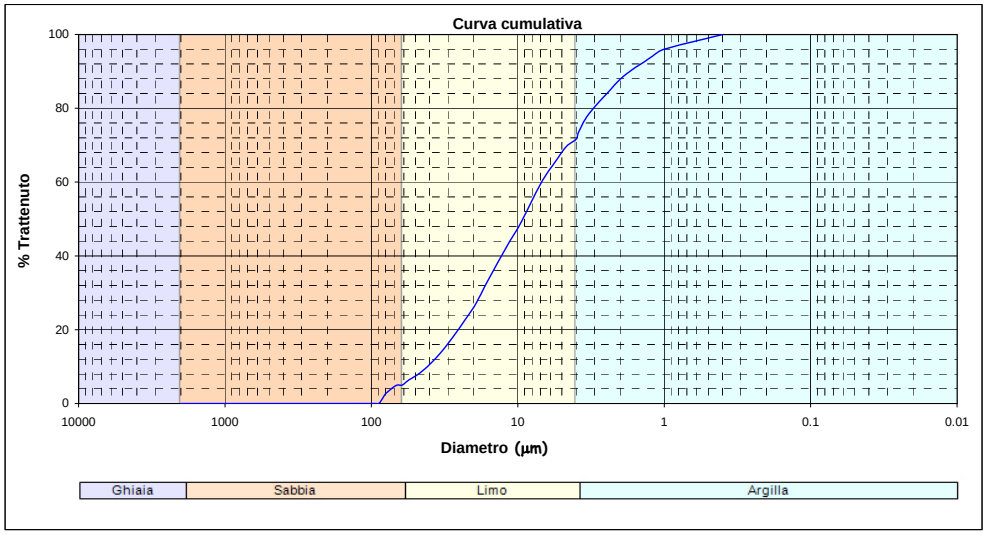
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.21%	0.21%
87	3.523		
87	3.523	2.42%	2.63%
73	3.776		
73	3.776	2.25%	4.89%
62.5	4		
62.5	4	0.09%	4.98%
61	4.035		
61	4.035	1.30%	6.28%
51	4.293		
51	4.293	1.87%	8.15%
43	4.54		
43	4.54	2.64%	10.79%
36	4.796		
36	4.796	3.39%	14.18%
30	5.059		
30	5.059	4.02%	18.20%
25	5.322		
25	5.322	4.38%	22.58%
21	5.573		
21	5.573	4.27%	26.84%
18	5.796		
18	5.796	5.50%	32.34%
15	6.059		
15	6.059	5.72%	38.07%
12.5	6.322		
12.5	6.322	5.46%	43.52%
10.5	6.573		
10.5	6.573	4.76%	48.28%
9	6.796		
9	6.796	5.61%	53.89%
7.5	7.059		
7.5	7.059	6.69%	60.59%
6	7.381		
6	7.381	5.13%	65.72%
5	7.644		
5	7.644	3.99%	69.71%
4.3	7.861		
4.3	7.861	1.87%	71.58%
4	7.966		
4	7.966	1.87%	73.45%
3.7	8.078		
3.7	8.078	4.11%	77.57%
3.1	8.334		
3.1	8.334	3.73%	81.29%
2.6	8.587		
2.6	8.587	3.19%	84.48%
2.2	8.828		
2.2	8.828	3.38%	87.86%
1.8	9.118		
1.8	9.118	2.64%	90.50%
1.5	9.381		
1.5	9.381	1.81%	92.31%
1.3	9.587		
1.3	9.587	1.84%	94.16%
1.1	9.828		
1.1	9.828	1.87%	96.02%
0.9	10.118		
< 0,900	> 10,118	3.98%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(75-100)
Peso totale (g)	59.2
Frazione > 63 μm (%)	2.0
Frazione < 63 μm (%)	98.0

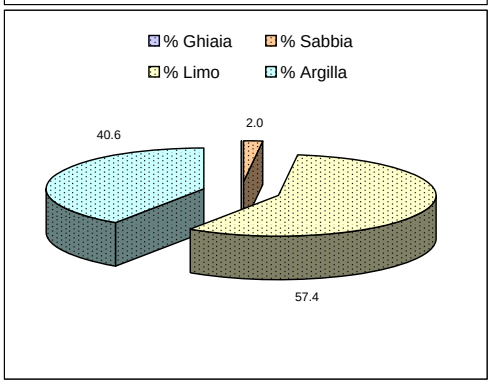
Frazione grossolana (> 63 μm) = 2.0	
% Ghiaia	% Sabbia
0.0	2.0

Frazione pelitica (< 63 μm) = 98.0	
% Limo	% Argilla
57.4	40.6

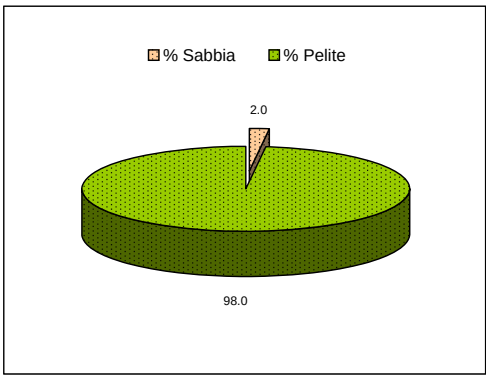
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.579
Deviazione Standard	1.643
Asimmetria (Skewness)	0.010
Appuntimento (Kurtosis)	0.965
Mediana (Φ)	7.555
Moda (Φ)	7.500

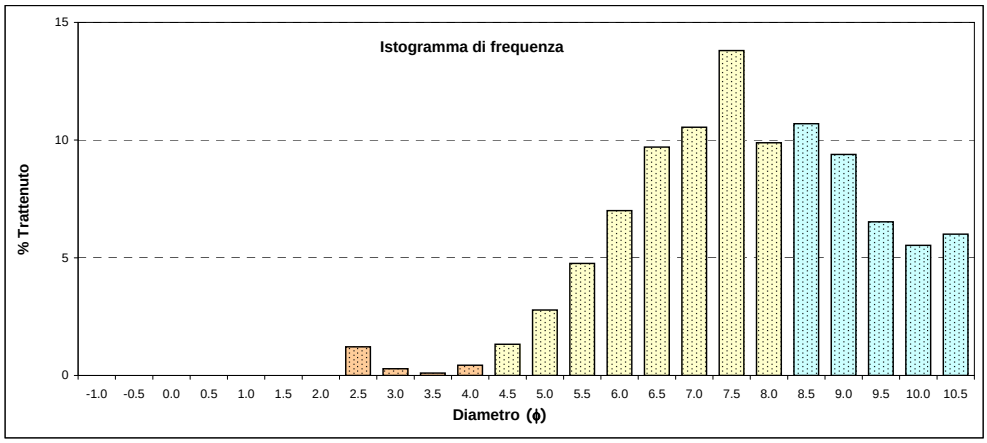
Percentili (Φ)	
5	4.867
16	5.931
25	6.435
50	7.555
75	8.713
84	9.252
95	10.229

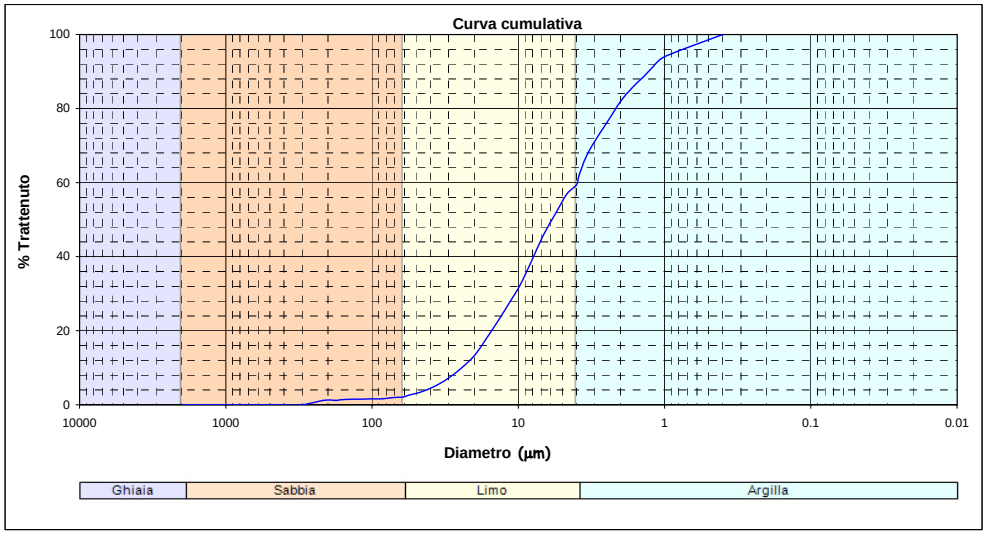
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.21%	1.21%
176.78	2.5		
176.78	2.5	0.01%	1.22%
175	2.515		
175	2.515	0.16%	1.38%
147	2.766		
147	2.766	0.12%	1.50%
125	3		
125	3	0.01%	1.51%
123	3.023		
123	3.023	0.06%	1.56%
103	3.279		
103	3.279	0.04%	1.60%
88.39	3.5		
88.39	3.5	0.00%	1.61%
87	3.523		
87	3.523	0.14%	1.75%
73	3.776		
73	3.776	0.29%	2.04%
62.5	4		
62.5	4	0.04%	2.08%
61	4.035		
61	4.035	0.52%	2.60%
51	4.293		
51	4.293	0.77%	3.37%
43	4.54		
43	4.54	1.16%	4.53%
36	4.796		
36	4.796	1.62%	6.15%
30	5.059		
30	5.059	2.14%	8.29%
25	5.322		
25	5.322	2.62%	10.91%
21	5.573		
21	5.573	2.86%	13.77%
18	5.796		
18	5.796	4.14%	17.91%
15	6.059		
15	6.059	4.77%	22.68%
12.5	6.322		
12.5	6.322	4.93%	27.61%
10.5	6.573		
10.5	6.573	4.63%	32.24%
9	6.796		
9	6.796	5.92%	38.16%
7.5	7.059		
7.5	7.059	7.62%	45.79%
6	7.381		
6	7.381	6.18%	51.97%
5	7.644		
5	7.644	5.01%	56.98%
4.3	7.861		
4.3	7.861	2.44%	59.41%
4	7.966		
4	7.966	2.44%	61.85%
3.7	8.078		
3.7	8.078	5.54%	67.39%
3.1	8.334		
3.1	8.334	5.16%	72.55%
2.6	8.587		
2.6	8.587	4.52%	77.07%
2.2	8.828		
2.2	8.828	4.87%	81.94%
1.8	9.118		
1.8	9.118	3.86%	85.80%
1.5	9.381		
1.5	9.381	2.67%	88.47%
1.3	9.587		
1.3	9.587	2.74%	91.21%
1.1	9.828		
1.1	9.828	2.79%	93.99%
0.9	10.118		
< 0,900	> 10,118	6.01%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(100-125)
Peso totale (g)	35.3
Frazione > 63 μm (%)	2.4
Frazione < 63 μm (%)	97.6

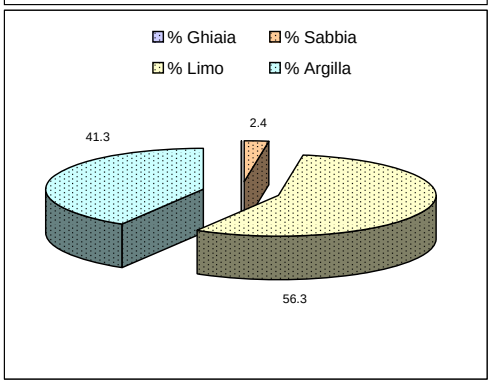
Frazione grossolana (> 63 μm) = 2.4	
% Ghiaia	% Sabbia
0.0	2.4

Frazione pelitica (< 63 μm) = 97.6	
% Limo	% Argilla
56.3	41.3

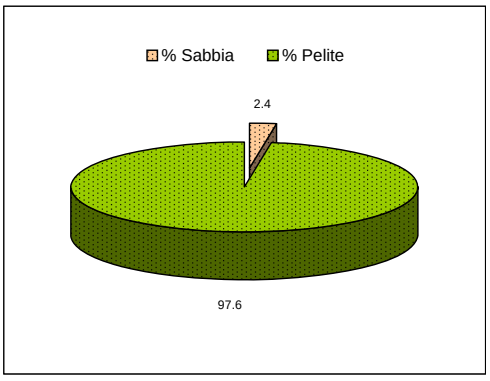
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.611
Deviazione Standard	1.659
Asimmetria (Skewness)	0.006
Appuntimento (Kurtosis)	0.967
Mediana (Φ)	7.583
Moda (Φ)	7.500

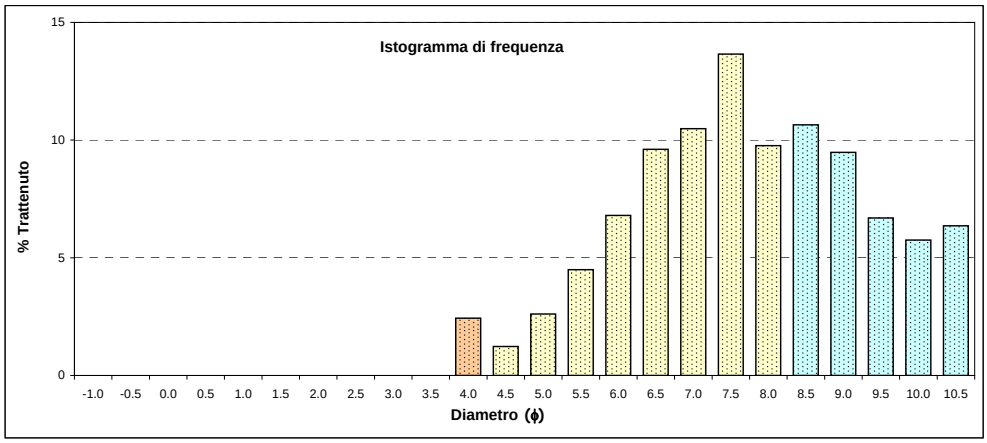
Percentili (Φ)	
5	4.836
16	5.951
25	6.456
50	7.583
75	8.757
84	9.299
95	10.262

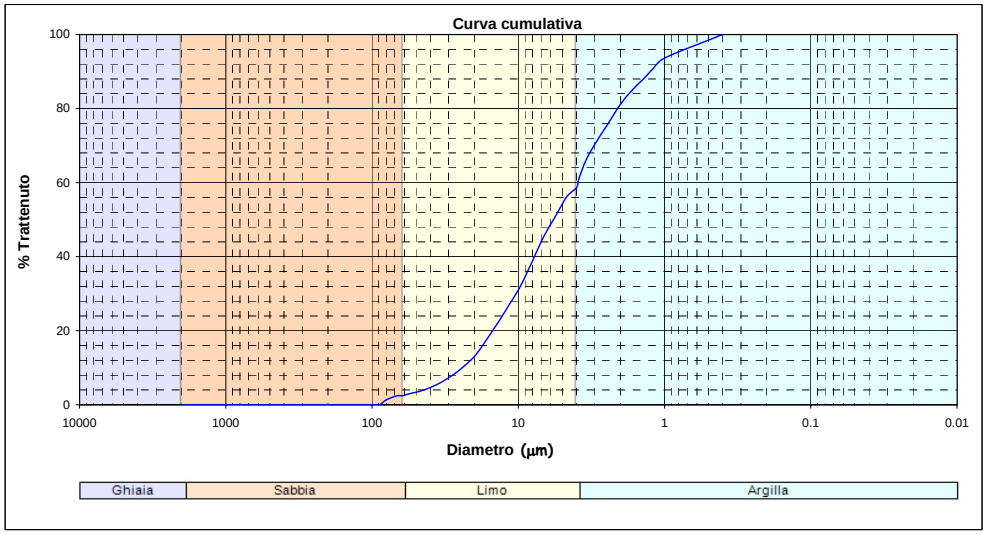
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.11%	0.11%
87	3.523		
87	3.523	1.22%	1.34%
73	3.776		
73	3.776	1.10%	2.43%
62.5	4		
62.5	4	0.03%	2.47%
61	4.035		
61	4.035	0.48%	2.95%
51	4.293		
51	4.293	0.72%	3.66%
43	4.54		
43	4.54	1.09%	4.75%
36	4.796		
36	4.796	1.52%	6.27%
30	5.059		
30	5.059	2.01%	8.28%
25	5.322		
25	5.322	2.49%	10.77%
21	5.573		
21	5.573	2.75%	13.52%
18	5.796		
18	5.796	4.04%	17.57%
15	6.059		
15	6.059	4.71%	22.27%
12.5	6.322		
12.5	6.322	4.90%	27.17%
10.5	6.573		
10.5	6.573	4.60%	31.78%
9	6.796		
9	6.796	5.88%	37.66%
7.5	7.059		
7.5	7.059	7.55%	45.20%
6	7.381		
6	7.381	6.11%	51.31%
5	7.644		
5	7.644	4.94%	56.25%
4.3	7.861		
4.3	7.861	2.41%	58.66%
4	7.966		
4	7.966	2.41%	61.07%
3.7	8.078		
3.7	8.078	5.49%	66.56%
3.1	8.334		
3.1	8.334	5.16%	71.72%
2.6	8.587		
2.6	8.587	4.54%	76.26%
2.2	8.828		
2.2	8.828	4.94%	81.20%
1.8	9.118		
1.8	9.118	3.95%	85.15%
1.5	9.381		
1.5	9.381	2.74%	87.89%
1.3	9.587		
1.3	9.587	2.84%	90.73%
1.1	9.828		
1.1	9.828	2.91%	93.64%
0.9	10.118		
< 0,900	> 10,118	6.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(125-150)
Peso totale (g)	29.6
Frazione > 63 μm (%)	18.5
Frazione < 63 μm (%)	81.5

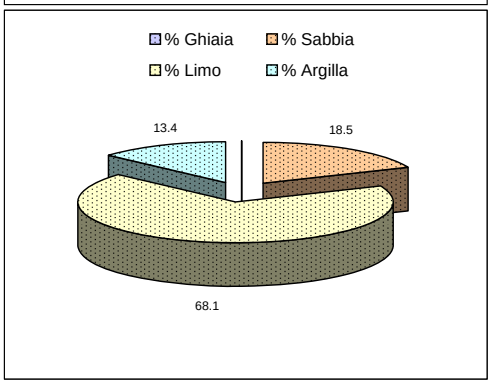
Frazione grossolana (> 63 μm) = 18.5	
% Ghiaia	% Sabbia
0.0	18.5

Frazione pelitica (< 63 μm) = 81.5	
% Limo	% Argilla
68.1	13.4

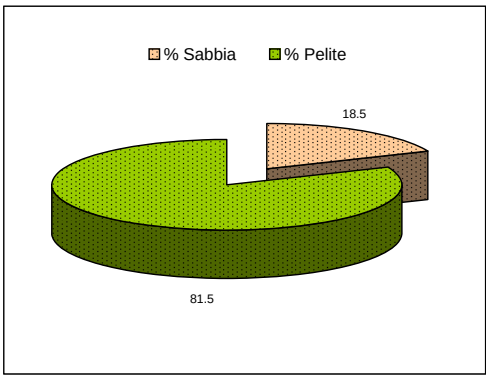
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.626
Deviazione Standard	2.026
Asimmetria (Skewness)	0.093
Appuntimento (Kurtosis)	1.122
Mediana (Φ)	5.520
Moda (Φ)	5.500

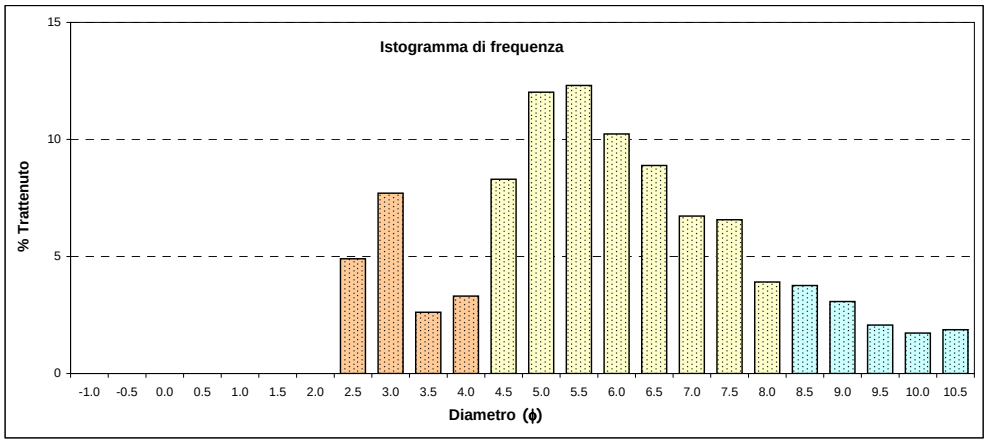
Percentili (Φ)	
5	2.505
16	3.672
25	4.435
50	5.520
75	6.902
84	7.686
95	9.257

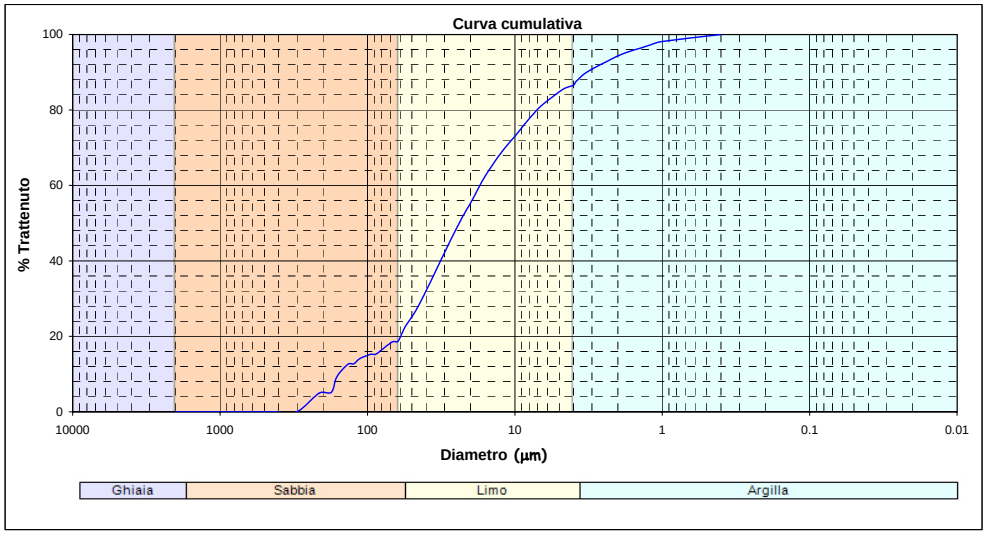
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	4.90%	4.90%
176.78	2.5		
176.78	2.5	0.26%	5.17%
175	2.515		
175	2.515	4.17%	9.34%
147	2.766		
147	2.766	3.27%	12.61%
125	3		
125	3	0.13%	12.74%
123	3.023		
123	3.023	1.33%	14.07%
103	3.279		
103	3.279	1.15%	15.23%
88.39	3.5		
88.39	3.5	0.04%	15.27%
87	3.523		
87	3.523	1.20%	16.47%
73	3.776		
73	3.776	2.07%	18.53%
62.5	4		
62.5	4	0.27%	18.80%
61	4.035		
61	4.035	3.50%	22.31%
51	4.293		
51	4.293	4.52%	26.83%
43	4.54		
43	4.54	5.68%	32.51%
36	4.796		
36	4.796	6.35%	38.85%
30	5.059		
30	5.059	6.41%	45.26%
25	5.322		
25	5.322	5.89%	51.16%
21	5.573		
21	5.573	4.89%	56.05%
18	5.796		
18	5.796	5.35%	61.39%
15	6.059		
15	6.059	4.81%	66.20%
12.5	6.322		
12.5	6.322	4.08%	70.28%
10.5	6.573		
10.5	6.573	3.24%	73.52%
9	6.796		
9	6.796	3.49%	77.01%
7.5	7.059		
7.5	7.059	3.82%	80.83%
6	7.381		
6	7.381	2.75%	83.58%
5	7.644		
5	7.644	2.05%	85.63%
4.3	7.861		
4.3	7.861	0.93%	86.56%
4	7.966		
4	7.966	0.93%	87.49%
3.7	8.078		
3.7	8.078	1.99%	89.48%
3.1	8.334		
3.1	8.334	1.77%	91.25%
2.6	8.587		
2.6	8.587	1.50%	92.74%
2.2	8.828		
2.2	8.828	1.58%	94.32%
1.8	9.118		
1.8	9.118	1.23%	95.55%
1.5	9.381		
1.5	9.381	0.84%	96.39%
1.3	9.587		
1.3	9.587	0.86%	97.25%
1.1	9.828		
1.1	9.828	0.87%	98.12%
0.9	10.118		
< 0,900	> 10,118	1.88%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 36**
Livello (cm)	**(150-175)**
Peso totale (g)	35.9
Frazione > 63 μm (%)	11.9
Frazione < 63 μm (%)	88.1

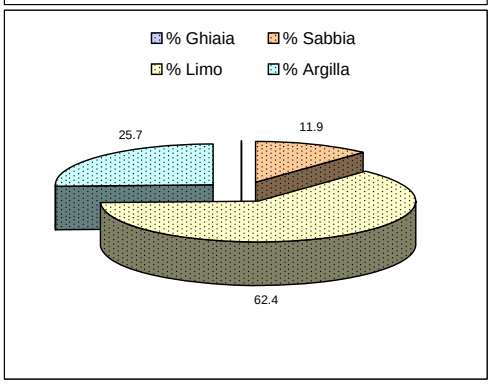
Frazione grossolana (> 63 μm) =	**11.9**
% Ghiaia	**% Sabbia**
0.0	**11.9**

Frazione pelitica (< 63 μm) =	**88.1**
% Limo	**% Argilla**
62.4	**25.7**

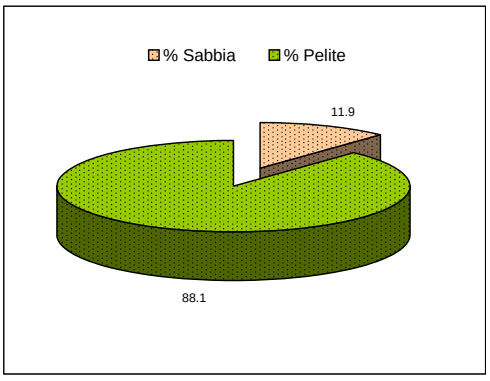
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.618
Deviazione Standard	2.034
Asimmetria (Skewness)	-0.009
Appuntimento (Kurtosis)	1.007
Mediana (Φ)	6.602
Moda (Φ)	7.500

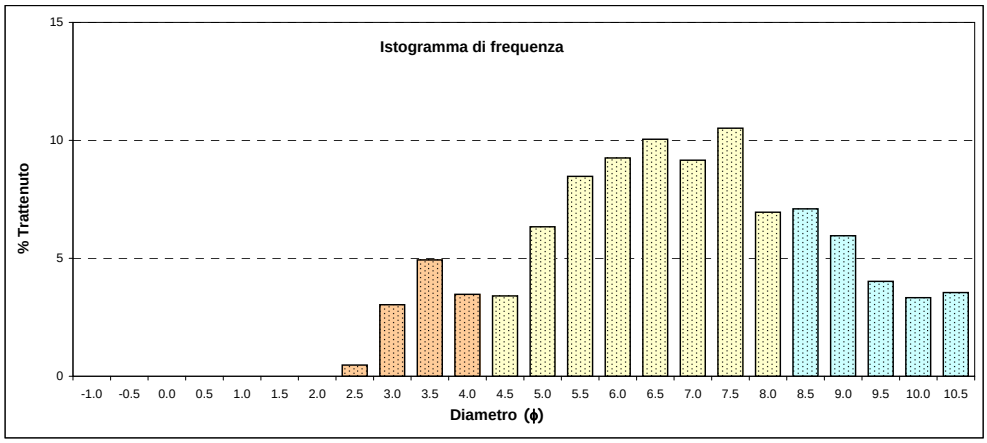
Percentili (Φ)	
5	3.134
16	4.598
25	5.269
50	6.602
75	8.007
84	8.654
95	9.863

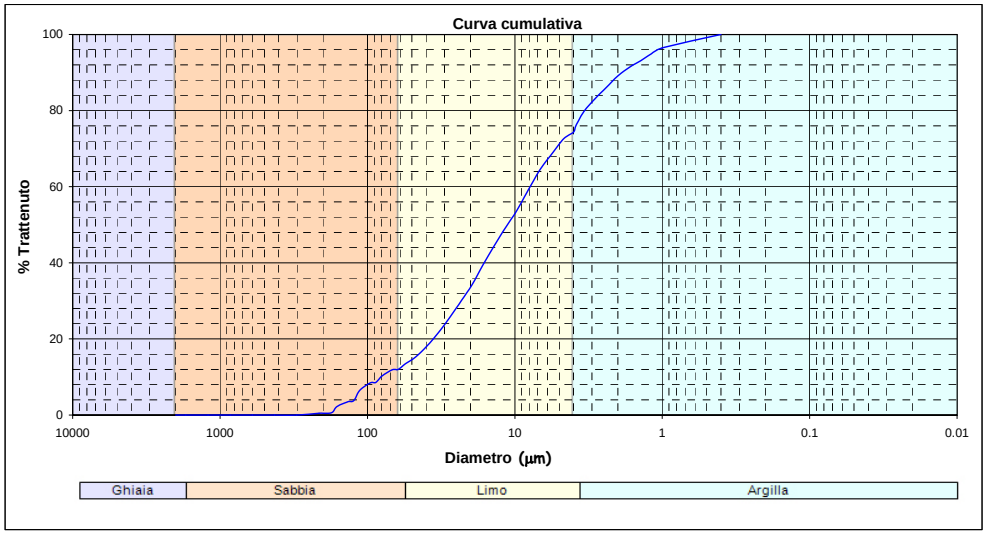
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.47%	0.47%
176.78	2.5		
176.78	2.5	0.10%	0.58%
175	2.515		
175	2.515	1.64%	2.22%
147	2.766		
147	2.766	1.29%	3.51%
125	3		
125	3	0.27%	3.78%
123	3.023		
123	3.023	2.69%	6.47%
103	3.279		
103	3.279	1.97%	8.44%
88.39	3.5		
88.39	3.5	0.14%	8.58%
87	3.523		
87	3.523	1.65%	10.22%
73	3.776		
73	3.776	1.69%	11.91%
62.5	4		
62.5	4	0.09%	12.00%
61	4.035		
61	4.035	1.35%	13.35%
51	4.293		
51	4.293	1.96%	15.32%
43	4.54		
43	4.54	2.79%	18.10%
36	4.796		
36	4.796	3.55%	21.65%
30	5.059		
30	5.059	4.11%	25.76%
25	5.322		
25	5.322	4.36%	30.12%
21	5.573		
21	5.573	4.12%	34.24%
18	5.796		
18	5.796	5.14%	39.38%
15	6.059		
15	6.059	5.19%	44.57%
12.5	6.322		
12.5	6.322	4.86%	49.43%
10.5	6.573		
10.5	6.573	4.20%	53.63%
9	6.796		
9	6.796	4.96%	58.59%
7.5	7.059		
7.5	7.059	5.94%	64.52%
6	7.381		
6	7.381	4.58%	69.10%
5	7.644		
5	7.644	3.58%	72.67%
4.3	7.861		
4.3	7.861	1.69%	74.36%
4	7.966		
4	7.966	1.69%	76.05%
3.7	8.078		
3.7	8.078	3.72%	79.77%
3.1	8.334		
3.1	8.334	3.38%	83.15%
2.6	8.587		
2.6	8.587	2.89%	86.04%
2.2	8.828		
2.2	8.828	3.06%	89.10%
1.8	9.118		
1.8	9.118	2.39%	91.49%
1.5	9.381		
1.5	9.381	1.63%	93.12%
1.3	9.587		
1.3	9.587	1.66%	94.78%
1.1	9.828		
1.1	9.828	1.67%	96.45%
0.9	10.118		
< 0,900	> 10,118	3.55%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 36**
Livello (cm)	**(175-200)**
Peso totale (g)	24.6
Frazione > 63 μm (%)	14.9
Frazione < 63 μm (%)	85.1

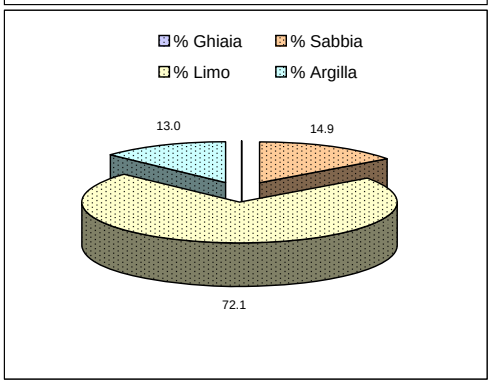
Frazione grossolana (> 63 μm) =	**14.9**
% Ghiaia	**% Sabbia**
0.0	**14.9**

Frazione pelitica (< 63 μm) =	**85.1**
% Limo	**% Argilla**
72.1	**13.0**

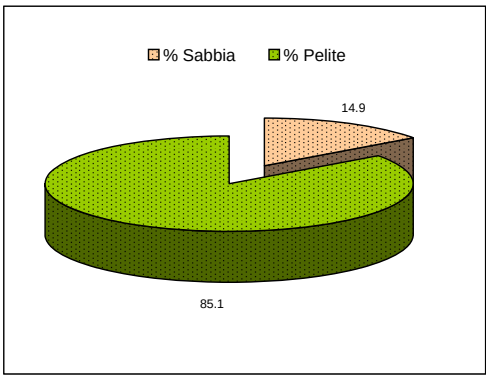
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.767
Deviazione Standard	1.905
Asimmetria (Skewness)	0.128
Appuntimento (Kurtosis)	1.191
Mediana (Φ)	5.562
Moda (Φ)	5.000

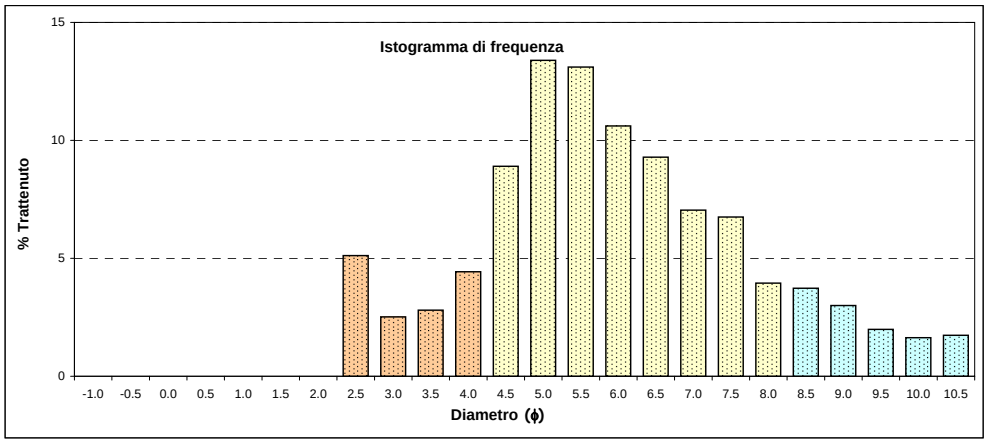
Percentili (Φ)	
5	2.486
16	4.093
25	4.586
50	5.562
75	6.894
84	7.647
95	9.192

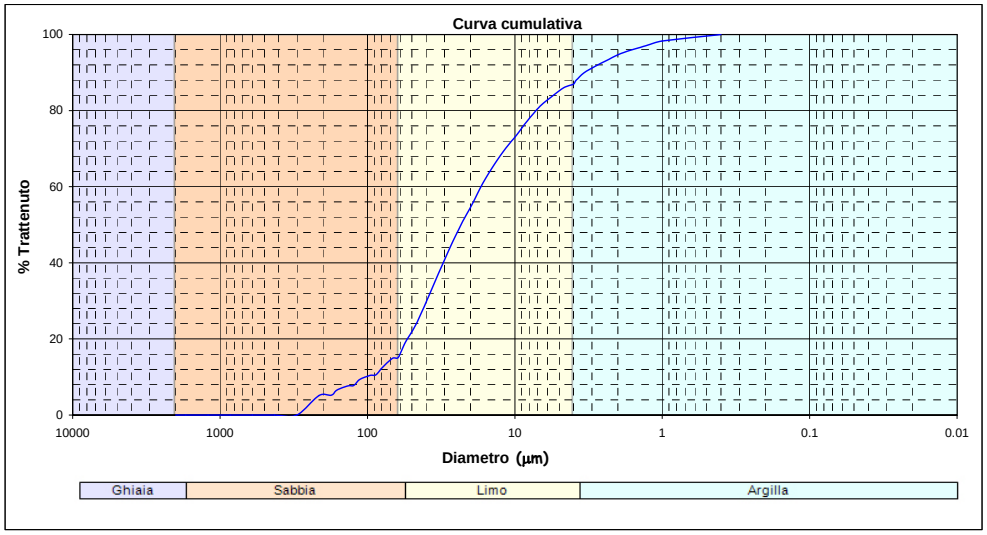
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	5.12%	5.12%
176.78	2.5		
176.78	2.5	0.09%	5.20%
175	2.515		
175	2.515	1.36%	6.57%
147	2.766		
147	2.766	1.07%	7.64%
125	3		
125	3	0.15%	7.79%
123	3.023		
123	3.023	1.53%	9.32%
103	3.279		
103	3.279	1.12%	10.44%
88.39	3.5		
88.39	3.5	0.11%	10.55%
87	3.523		
87	3.523	1.76%	12.31%
73	3.776		
73	3.776	2.56%	14.87%
62.5	4		
62.5	4	0.25%	15.12%
61	4.035		
61	4.035	3.66%	18.78%
51	4.293		
51	4.293	4.99%	23.77%
43	4.54		
43	4.54	6.36%	30.13%
36	4.796		
36	4.796	7.03%	37.16%
30	5.059		
30	5.059	6.91%	44.07%
25	5.322		
25	5.322	6.20%	50.27%
21	5.573		
21	5.573	5.07%	55.34%
18	5.796		
18	5.796	5.54%	60.88%
15	6.059		
15	6.059	5.01%	65.89%
12.5	6.322		
12.5	6.322	4.28%	70.17%
10.5	6.573		
10.5	6.573	3.40%	73.57%
9	6.796		
9	6.796	3.64%	77.21%
7.5	7.059		
7.5	7.059	3.94%	81.15%
6	7.381		
6	7.381	2.81%	83.96%
5	7.644		
5	7.644	2.07%	86.04%
4.3	7.861		
4.3	7.861	0.94%	86.97%
4	7.966		
4	7.966	0.94%	87.91%
3.7	8.078		
3.7	8.078	1.98%	89.89%
3.1	8.334		
3.1	8.334	1.75%	91.64%
2.6	8.587		
2.6	8.587	1.47%	93.11%
2.2	8.828		
2.2	8.828	1.53%	94.64%
1.8	9.118		
1.8	9.118	1.18%	95.83%
1.5	9.381		
1.5	9.381	0.80%	96.63%
1.3	9.587		
1.3	9.587	0.81%	97.44%
1.1	9.828		
1.1	9.828	0.82%	98.26%
0.9	10.118		
< 0,900	> 10,118	1.74%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(200-225)
Peso totale (g)	21.2
Frazione > 63 μm (%)	21.4
Frazione < 63 μm (%)	78.6

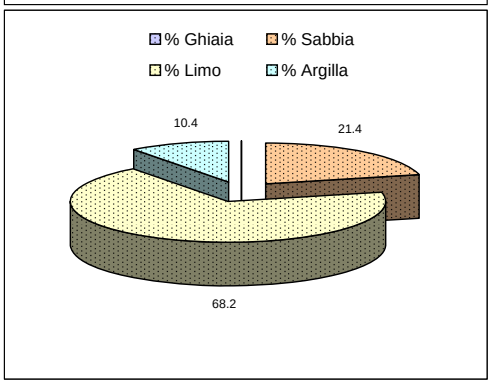
Frazione grossolana (> 63 μm) = 21.4	
% Ghiaia	% Sabbia
0.0	21.4

Frazione pelitica (< 63 μm) = 78.6	
% Limo	% Argilla
68.2	10.4

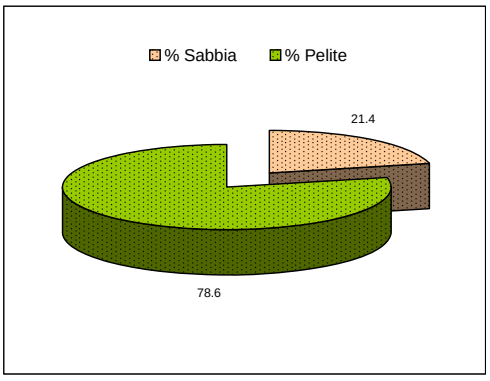
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.232
Deviazione Standard	2.068
Asimmetria (Skewness)	0.021
Appuntimento (Kurtosis)	1.201
Mediana (Φ)	5.314
Moda (Φ)	5.000

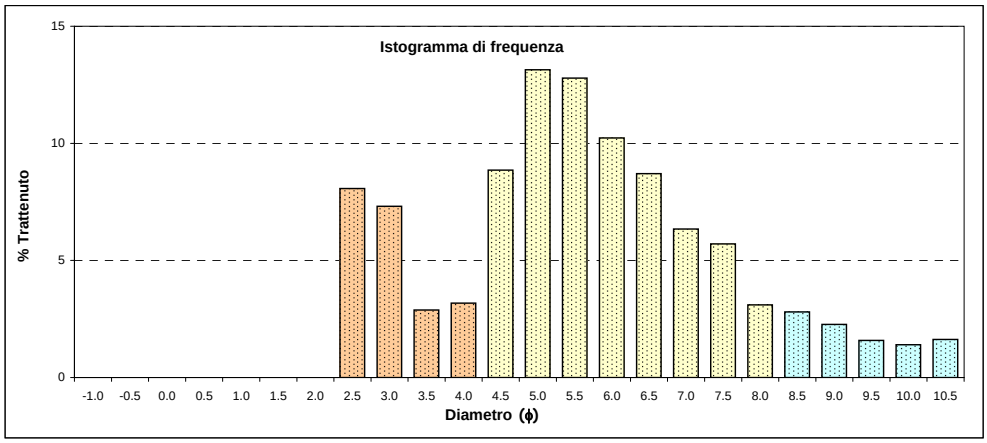
Percentili (Φ)	
5	2.289
16	3.093
25	4.266
50	5.314
75	6.562
84	7.289
95	9.015

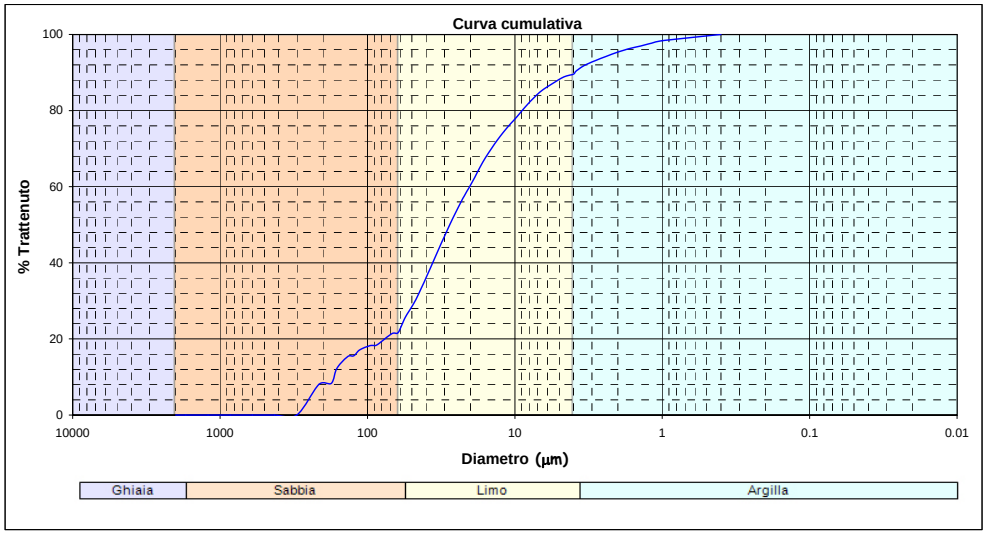
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	8.07%	8.07%
176.78	2.5		
176.78	2.5	0.25%	8.32%
175	2.515		
175	2.515	3.96%	12.28%
147	2.766		
147	2.766	3.11%	15.38%
125	3		
125	3	0.16%	15.54%
123	3.023		
123	3.023	1.57%	17.11%
103	3.279		
103	3.279	1.16%	18.27%
88.39	3.5		
88.39	3.5	0.04%	18.31%
87	3.523		
87	3.523	1.08%	19.39%
73	3.776		
73	3.776	2.06%	21.45%
62.5	4		
62.5	4	0.25%	21.70%
61	4.035		
61	4.035	3.66%	25.36%
51	4.293		
51	4.293	4.95%	30.31%
43	4.54		
43	4.54	6.26%	36.57%
36	4.796		
36	4.796	6.88%	43.45%
30	5.059		
30	5.059	6.75%	50.19%
25	5.322		
25	5.322	6.04%	56.23%
21	5.573		
21	5.573	4.92%	61.15%
18	5.796		
18	5.796	5.31%	66.46%
15	6.059		
15	6.059	4.73%	71.19%
12.5	6.322		
12.5	6.322	3.98%	75.17%
10.5	6.573		
10.5	6.573	3.10%	78.27%
9	6.796		
9	6.796	3.24%	81.50%
7.5	7.059		
7.5	7.059	3.39%	84.89%
6	7.381		
6	7.381	2.32%	87.21%
5	7.644		
5	7.644	1.66%	88.87%
4.3	7.861		
4.3	7.861	0.72%	89.59%
4	7.966		
4	7.966	0.72%	90.32%
3.7	8.078		
3.7	8.078	1.50%	91.81%
3.1	8.334		
3.1	8.334	1.31%	93.12%
2.6	8.587		
2.6	8.587	1.10%	94.22%
2.2	8.828		
2.2	8.828	1.17%	95.39%
1.8	9.118		
1.8	9.118	0.93%	96.32%
1.5	9.381		
1.5	9.381	0.65%	96.97%
1.3	9.587		
1.3	9.587	0.68%	97.66%
1.1	9.828		
1.1	9.828	0.72%	98.37%
0.9	10.118		
< 0,900	> 10,118	1.63%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(225-250)
Peso totale (g)	47.1
Frazione > 63 μm (%)	20.5
Frazione < 63 μm (%)	79.5

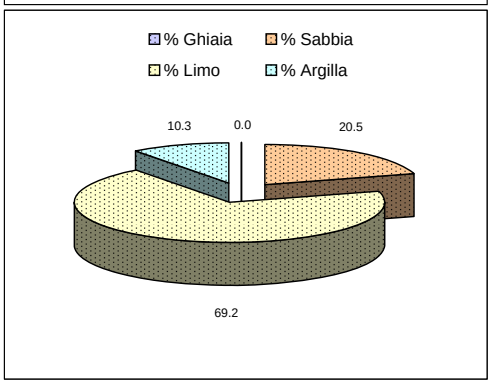
Frazione grossolana (> 63 μm) = 20.5	
% Ghiaia	% Sabbia
0.0	20.5

Frazione pelitica (< 63 μm) = 79.5	
% Limo	% Argilla
69.2	10.3

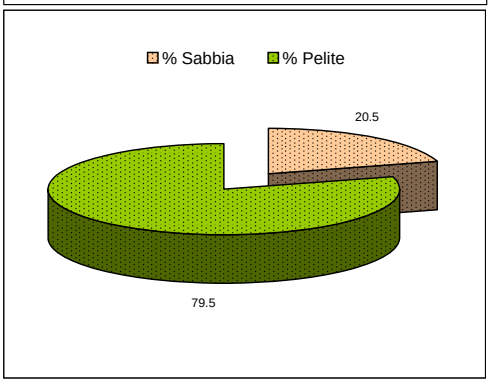
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.462
Deviazione Standard	1.909
Asimmetria (Skewness)	0.076
Appuntimento (Kurtosis)	1.228
Mediana (Φ)	5.388
Moda (Φ)	5.500

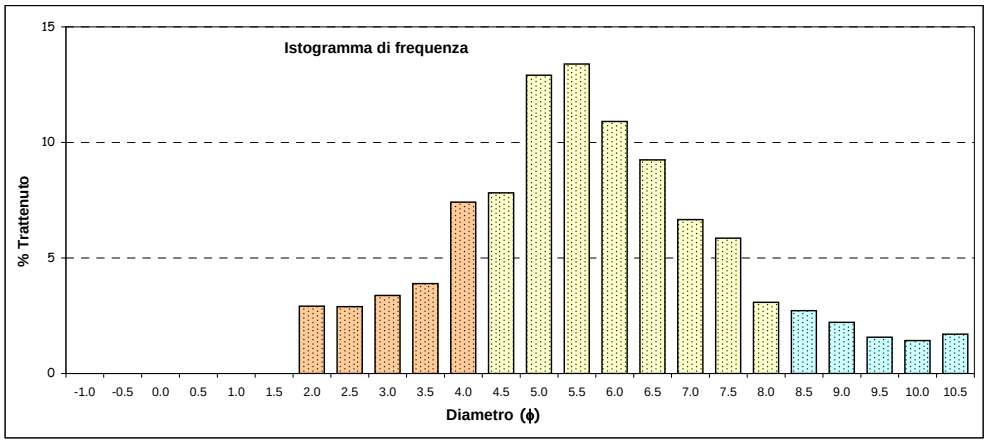
Percentili (Φ)	
5	2.343
16	3.710
25	4.354
50	5.388
75	6.589
84	7.289
95	9.038

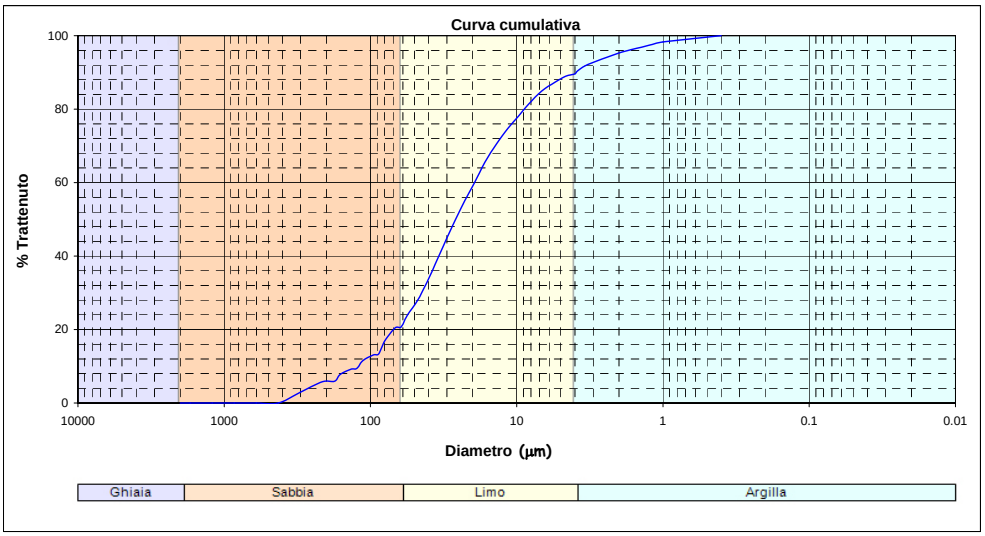
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.91%	2.91%
250	2		
250	2	2.89%	5.80%
176.78	2.5		
176.78	2.5	0.12%	5.92%
175	2.515		
175	2.515	1.83%	7.75%
147	2.766		
147	2.766	1.44%	9.18%
125	3		
125	3	0.21%	9.40%
123	3.023		
123	3.023	2.12%	11.52%
103	3.279		
103	3.279	1.55%	13.07%
88.39	3.5		
88.39	3.5	0.30%	13.37%
87	3.523		
87	3.523	3.48%	16.85%
73	3.776		
73	3.776	3.64%	20.49%
62.5	4		
62.5	4	0.20%	20.69%
61	4.035		
61	4.035	3.12%	23.81%
51	4.293		
51	4.293	4.50%	28.31%
43	4.54		
43	4.54	6.01%	34.32%
36	4.796		
36	4.796	6.90%	41.22%
30	5.059		
30	5.059	7.00%	48.22%
25	5.322		
25	5.322	6.39%	54.61%
21	5.573		
21	5.573	5.24%	59.85%
18	5.796		
18	5.796	5.66%	65.52%
15	6.059		
15	6.059	5.03%	70.55%
12.5	6.322		
12.5	6.322	4.21%	74.76%
10.5	6.573		
10.5	6.573	3.27%	78.03%
9	6.796		
9	6.796	3.39%	81.42%
7.5	7.059		
7.5	7.059	3.50%	84.92%
6	7.381		
6	7.381	2.36%	87.28%
5	7.644		
5	7.644	1.66%	88.93%
4.3	7.861		
4.3	7.861	0.71%	89.65%
4	7.966		
4	7.966	0.71%	90.36%
3.7	8.078		
3.7	8.078	1.46%	91.82%
3.1	8.334		
3.1	8.334	1.26%	93.08%
2.6	8.587		
2.6	8.587	1.07%	94.15%
2.2	8.828		
2.2	8.828	1.14%	95.29%
1.8	9.118		
1.8	9.118	0.92%	96.22%
1.5	9.381		
1.5	9.381	0.65%	96.87%
1.3	9.587		
1.3	9.587	0.69%	97.56%
1.1	9.828		
1.1	9.828	0.74%	98.30%
0.9	10.118		
< 0,900	> 10,118	1.70%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(250-275)
Peso totale (g)	39.9
Frazione > 63 μm (%)	17.0
Frazione < 63 μm (%)	83.0

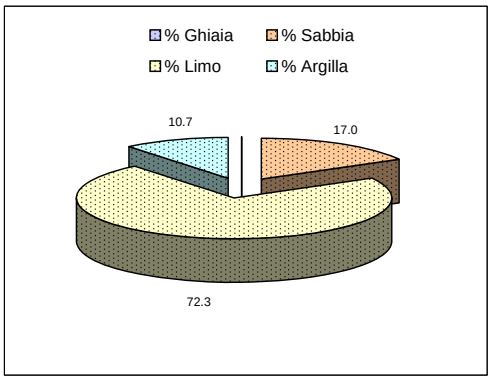
Frazione grossolana (> 63 μm) = 17.0	
% Ghiaia	% Sabbia
0.0	17.0

Frazione pelitica (< 63 μm) = 83.0	
% Limo	% Argilla
72.3	10.7

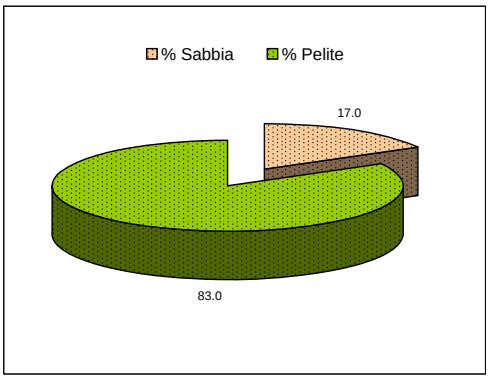
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.603
Deviazione Standard	1.837
Asimmetria (Skewness)	0.059
Appuntimento (Kurtosis)	1.264
Mediana (Φ)	5.571
Moda (Φ)	5.500

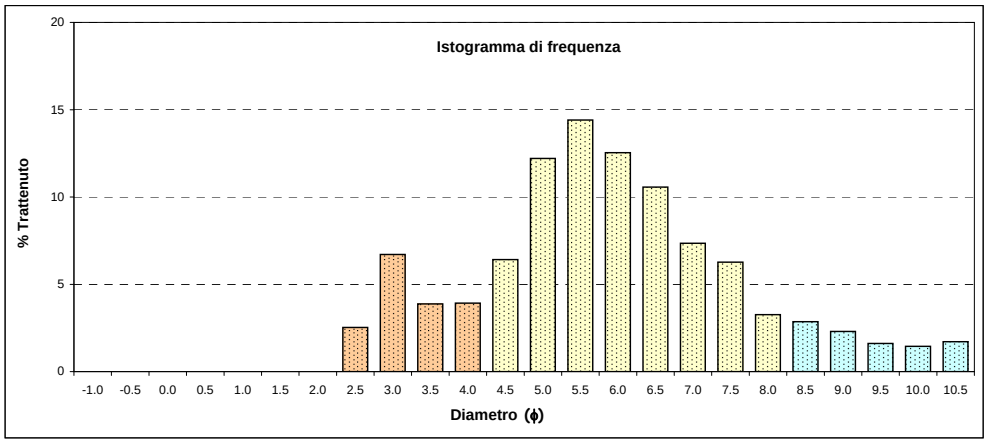
Percentili (Φ)	
5	2.665
16	3.883
25	4.608
50	5.571
75	6.681
84	7.354
95	9.059

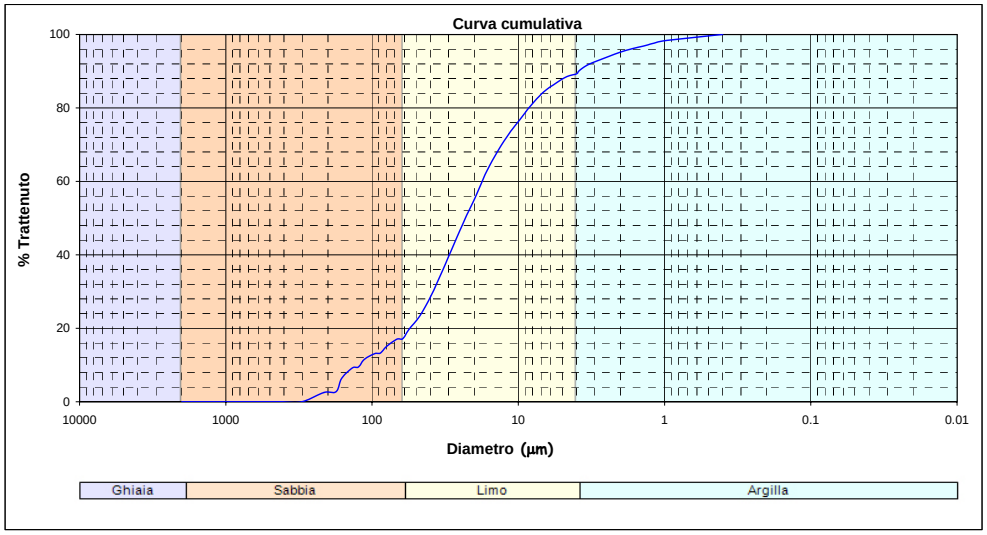
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.53%	2.53%
176.78	2.5		
176.78	2.5	0.23%	2.76%
175	2.515		
175	2.515	3.63%	6.39%
147	2.766		
147	2.766	2.85%	9.24%
125	3		
125	3	0.21%	9.45%
123	3.023		
123	3.023	2.12%	11.57%
103	3.279		
103	3.279	1.55%	13.12%
88.39	3.5		
88.39	3.5	0.14%	13.25%
87	3.523		
87	3.523	1.71%	14.97%
73	3.776		
73	3.776	2.07%	17.04%
62.5	4		
62.5	4	0.15%	17.19%
61	4.035		
61	4.035	2.47%	19.65%
51	4.293		
51	4.293	3.80%	23.46%
43	4.54		
43	4.54	5.45%	28.91%
36	4.796		
36	4.796	6.75%	35.66%
30	5.059		
30	5.059	7.34%	43.00%
25	5.322		
25	5.322	7.07%	50.07%
21	5.573		
21	5.573	5.99%	56.05%
18	5.796		
18	5.796	6.55%	62.61%
15	6.059		
15	6.059	5.79%	68.40%
12.5	6.322		
12.5	6.322	4.78%	73.17%
10.5	6.573		
10.5	6.573	3.64%	76.82%
9	6.796		
9	6.796	3.71%	80.52%
7.5	7.059		
7.5	7.059	3.76%	84.28%
6	7.381		
6	7.381	2.51%	86.79%
5	7.644		
5	7.644	1.75%	88.55%
4.3	7.861		
4.3	7.861	0.75%	89.30%
4	7.966		
4	7.966	0.75%	90.05%
3.7	8.078		
3.7	8.078	1.54%	91.59%
3.1	8.334		
3.1	8.334	1.33%	92.92%
2.6	8.587		
2.6	8.587	1.12%	94.03%
2.2	8.828		
2.2	8.828	1.19%	95.22%
1.8	9.118		
1.8	9.118	0.95%	96.17%
1.5	9.381		
1.5	9.381	0.67%	96.84%
1.3	9.587		
1.3	9.587	0.71%	97.54%
1.1	9.828		
1.1	9.828	0.75%	98.29%
0.9	10.118		
< 0,900	> 10,118	1.71%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 36
Livello (cm)	(275-300)
Peso totale (g)	42.1
Frazione > 63 μm (%)	15.7
Frazione < 63 μm (%)	84.3

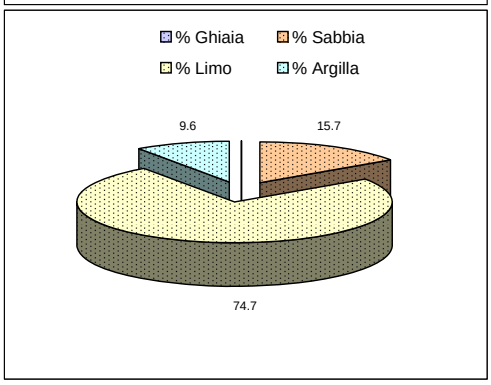
Frazione grossolana (> 63 μm) = 15.7	
% Ghiaia	% Sabbia
0.0	15.7

Frazione pelitica (< 63 μm) = 84.3	
% Limo	% Argilla
74.7	9.6

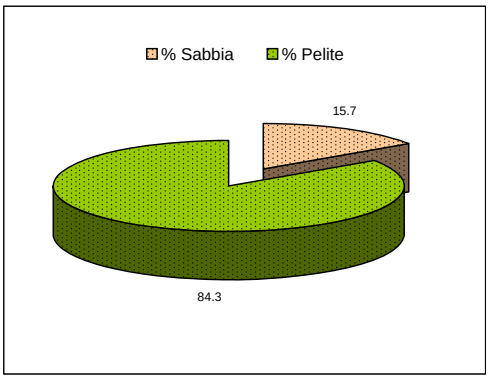
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.568
Deviazione Standard	1.746
Asimmetria (Skewness)	0.106
Appuntimento (Kurtosis)	1.307
Mediana (Φ)	5.449
Moda (Φ)	5.500

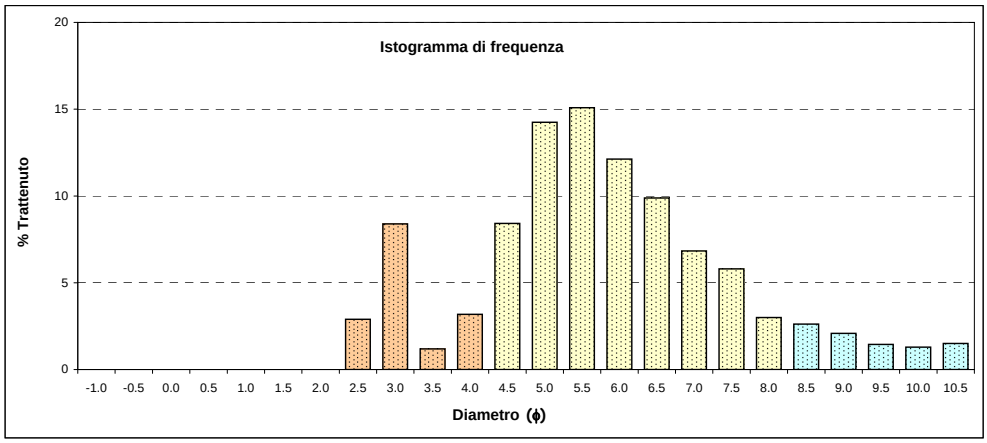
Percentili (Φ)	
5	2.610
16	4.044
25	4.573
50	5.449
75	6.548
84	7.211
95	8.908

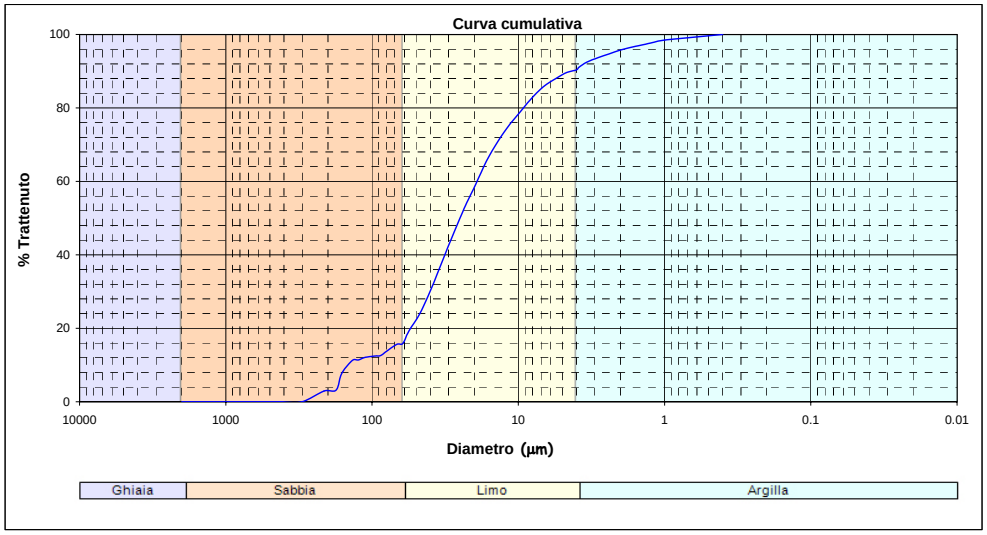
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.90%	2.90%
176.78	2.5		
176.78	2.5	0.29%	3.19%
175	2.515		
175	2.515	4.54%	7.73%
147	2.766		
147	2.766	3.57%	11.29%
125	3		
125	3	0.06%	11.36%
123	3.023		
123	3.023	0.65%	12.00%
103	3.279		
103	3.279	0.47%	12.48%
88.39	3.5		
88.39	3.5	0.06%	12.54%
87	3.523		
87	3.523	1.16%	13.70%
73	3.776		
73	3.776	1.96%	15.66%
62.5	4		
62.5	4	0.21%	15.88%
61	4.035		
61	4.035	3.35%	19.22%
51	4.293		
51	4.293	4.86%	24.08%
43	4.54		
43	4.54	6.58%	30.66%
36	4.796		
36	4.796	7.67%	38.33%
30	5.059		
30	5.059	7.87%	46.20%
25	5.322		
25	5.322	7.21%	53.41%
21	5.573		
21	5.573	5.88%	59.29%
18	5.796		
18	5.796	6.25%	65.54%
15	6.059		
15	6.059	5.43%	70.97%
12.5	6.322		
12.5	6.322	4.45%	75.42%
10.5	6.573		
10.5	6.573	3.39%	78.81%
9	6.796		
9	6.796	3.45%	82.26%
7.5	7.059		
7.5	7.059	3.48%	85.74%
6	7.381		
6	7.381	2.32%	88.06%
5	7.644		
5	7.644	1.61%	89.67%
4.3	7.861		
4.3	7.861	0.69%	90.36%
4	7.966		
4	7.966	0.69%	91.05%
3.7	8.078		
3.7	8.078	1.40%	92.46%
3.1	8.334		
3.1	8.334	1.21%	93.67%
2.6	8.587		
2.6	8.587	1.01%	94.68%
2.2	8.828		
2.2	8.828	1.07%	95.75%
1.8	9.118		
1.8	9.118	0.85%	96.61%
1.5	9.381		
1.5	9.381	0.60%	97.20%
1.3	9.587		
1.3	9.587	0.63%	97.83%
1.1	9.828		
1.1	9.828	0.66%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 37**
Livello (cm)	**(0-25)**
Peso totale (g)	18.0
Frazione > 63 μm (%)	3.8
Frazione < 63 μm (%)	96.2

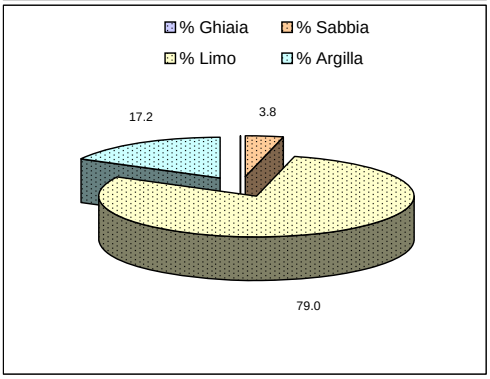
Frazione grossolana (> 63 μm) =	**3.8**
% Ghiaia	**% Sabbia**
0.0	**3.8**

Frazione pelitica (< 63 μm) =	**96.2**
% Limo	**% Argilla**
79.0	**17.2**

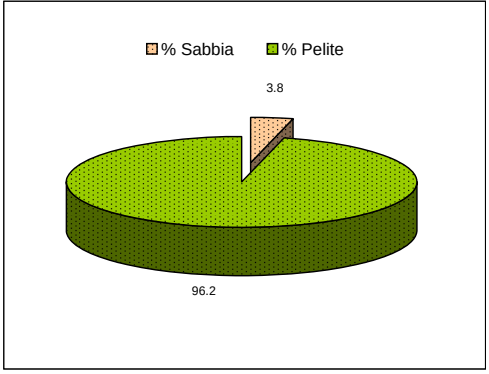
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.206
Deviazione Standard	1.686
Asimmetria (Skewness)	0.282
Appuntimento (Kurtosis)	0.932
Mediana (Φ)	5.925
Moda (Φ)	5.000

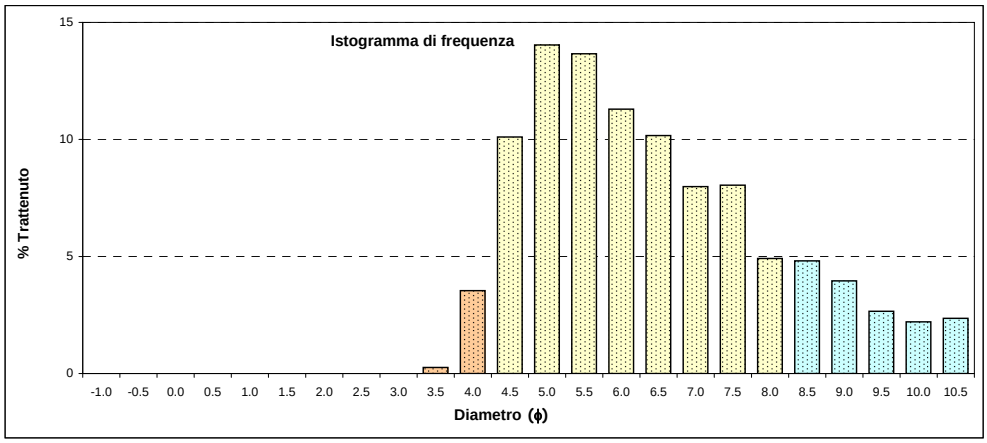
Percentili (Φ)	
5	4.084
16	4.615
25	4.947
50	5.925
75	7.328
84	8.078
95	9.501

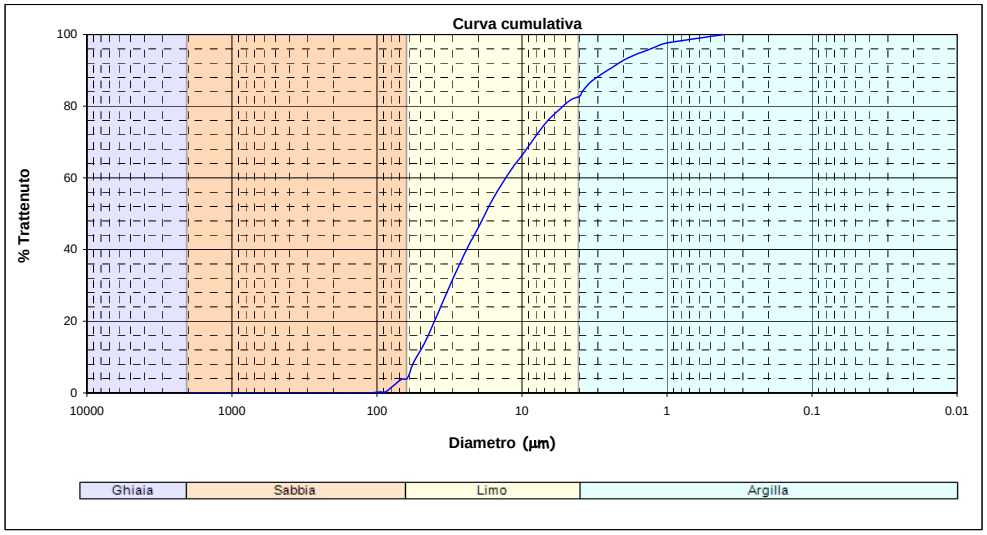
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.26%	0.26%
88.39	3.5		
88.39	3.5	0.02%	0.28%
87	3.523		
87	3.523	1.20%	1.48%
73	3.776		
73	3.776	2.32%	3.80%
62.5	4		
62.5	4	0.33%	4.13%
61	4.035		
61	4.035	4.29%	8.42%
51	4.293		
51	4.293	5.49%	13.90%
43	4.54		
43	4.54	6.73%	20.63%
36	4.796		
36	4.796	7.31%	27.94%
30	5.059		
30	5.059	7.17%	35.11%
25	5.322		
25	5.322	6.48%	41.60%
21	5.573		
21	5.573	5.36%	46.96%
18	5.796		
18	5.796	5.93%	52.89%
15	6.059		
15	6.059	5.45%	58.34%
12.5	6.322		
12.5	6.322	4.72%	63.06%
10.5	6.573		
10.5	6.573	3.81%	66.87%
9	6.796		
9	6.796	4.17%	71.04%
7.5	7.059		
7.5	7.059	4.65%	75.69%
6	7.381		
6	7.381	3.40%	79.09%
5	7.644		
5	7.644	2.56%	81.65%
4.3	7.861		
4.3	7.861	1.18%	82.83%
4	7.966		
4	7.966	1.18%	84.01%
3.7	8.078		
3.7	8.078	2.54%	86.55%
3.1	8.334		
3.1	8.334	2.27%	88.82%
2.6	8.587		
2.6	8.587	1.93%	90.75%
2.2	8.828		
2.2	8.828	2.03%	92.77%
1.8	9.118		
1.8	9.118	1.58%	94.35%
1.5	9.381		
1.5	9.381	1.08%	95.43%
1.3	9.587		
1.3	9.587	1.10%	96.53%
1.1	9.828		
1.1	9.828	1.11%	97.64%
0.9	10.118		
< 0,900	> 10,118	2.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 37
Livello (cm)	(25-50)
Peso totale (g)	10.5
Frazione > 63 µm (%)	6.7
Frazione < 63 µm (%)	93.3

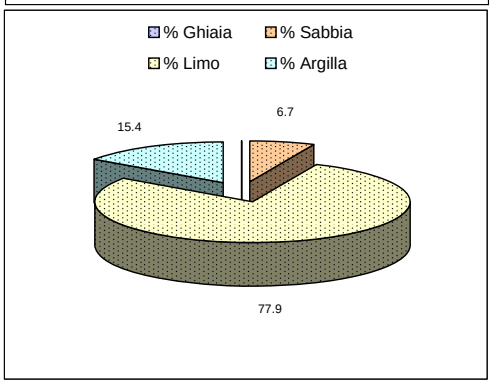
Frazione grossolana (> 63 µm) = 6.7	
% Ghiaia	% Sabbia
0.0	6.7

Frazione pelitica (< 63 µm) = 93.3	
% Limo	% Argilla
77.9	15.4

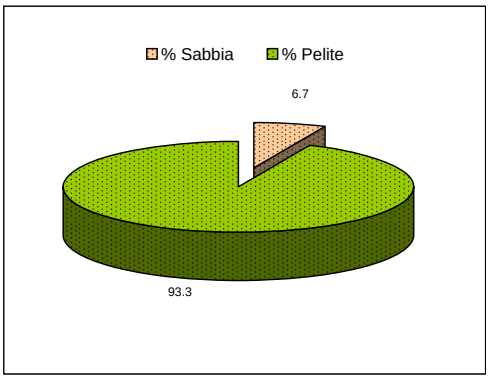
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.066
Deviazione Standard	1.697
Asimmetria (Skewness)	0.252
Appuntimento (Kurtosis)	0.977
Mediana (Φ)	5.824
Moda (Φ)	5.000

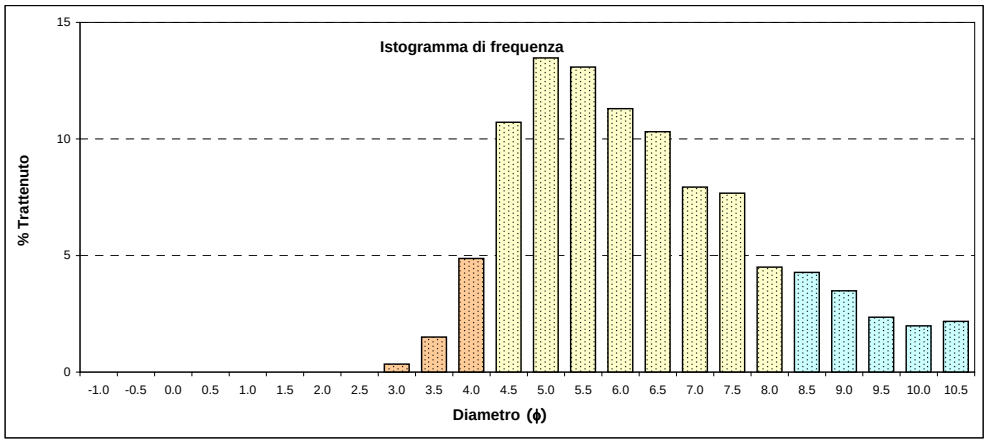
Percentili (Φ)	
5	3.862
16	4.472
25	4.832
50	5.824
75	7.156
84	7.901
95	9.405

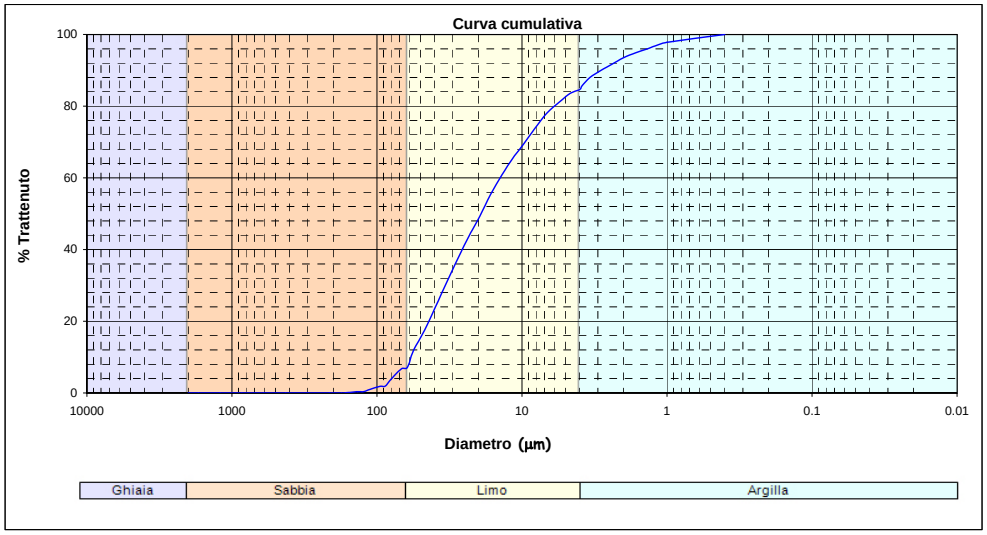
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.08%	0.08%
147	2.766		
147	2.766	0.27%	0.34%
125	3		
125	3	0.02%	0.37%
123	3.023		
123	3.023	0.57%	0.94%
103	3.279		
103	3.279	0.91%	1.85%
88.39	3.5		
88.39	3.5	0.09%	1.93%
87	3.523		
87	3.523	1.92%	3.85%
73	3.776		
73	3.776	2.87%	6.72%
62.5	4		
62.5	4	0.41%	7.13%
61	4.035		
61	4.035	4.71%	11.84%
51	4.293		
51	4.293	5.60%	17.43%
43	4.54		
43	4.54	6.55%	23.98%
36	4.796		
36	4.796	6.93%	30.91%
30	5.059		
30	5.059	6.81%	37.72%
25	5.322		
25	5.322	6.27%	44.00%
21	5.573		
21	5.573	5.31%	49.31%
18	5.796		
18	5.796	5.99%	55.30%
15	6.059		
15	6.059	5.53%	60.83%
12.5	6.322		
12.5	6.322	4.78%	65.61%
10.5	6.573		
10.5	6.573	3.82%	69.43%
9	6.796		
9	6.796	4.11%	73.54%
7.5	7.059		
7.5	7.059	4.48%	78.02%
6	7.381		
6	7.381	3.20%	81.22%
5	7.644		
5	7.644	2.37%	83.58%
4.3	7.861		
4.3	7.861	1.07%	84.65%
4	7.966		
4	7.966	1.07%	85.72%
3.7	8.078		
3.7	8.078	2.27%	87.99%
3.1	8.334		
3.1	8.334	2.01%	90.00%
2.6	8.587		
2.6	8.587	1.70%	91.70%
2.2	8.828		
2.2	8.828	1.79%	93.49%
1.8	9.118		
1.8	9.118	1.40%	94.88%
1.5	9.381		
1.5	9.381	0.96%	95.84%
1.3	9.587		
1.3	9.587	0.98%	96.82%
1.1	9.828		
1.1	9.828	1.00%	97.83%
0.9	10.118		
< 0,900	> 10,118	2.17%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 37
Livello (cm)	(50-75)
Peso totale (g)	24.5
Frazione > 63 μm (%)	25.2
Frazione < 63 μm (%)	74.8

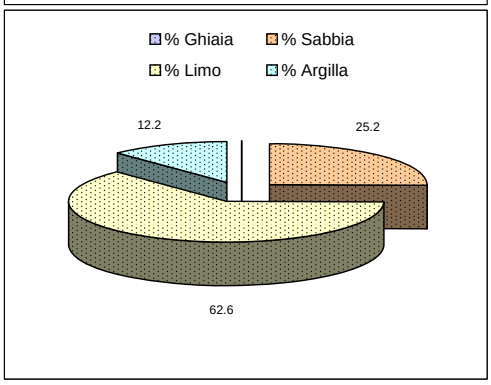
Frazione grossolana (> 63 μm) = 25.2	
% Ghiaia	% Sabbia
0.0	25.2

Frazione pelitica (< 63 μm) = 74.8	
% Limo	% Argilla
62.6	12.2

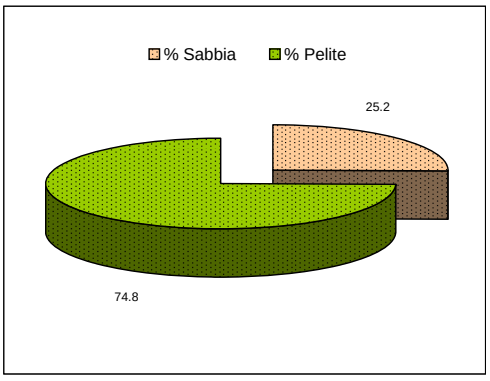
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.396
Deviazione Standard	2.002
Asimmetria (Skewness)	0.171
Appuntimento (Kurtosis)	0.978
Mediana (Φ)	5.257
Moda (Φ)	5.000

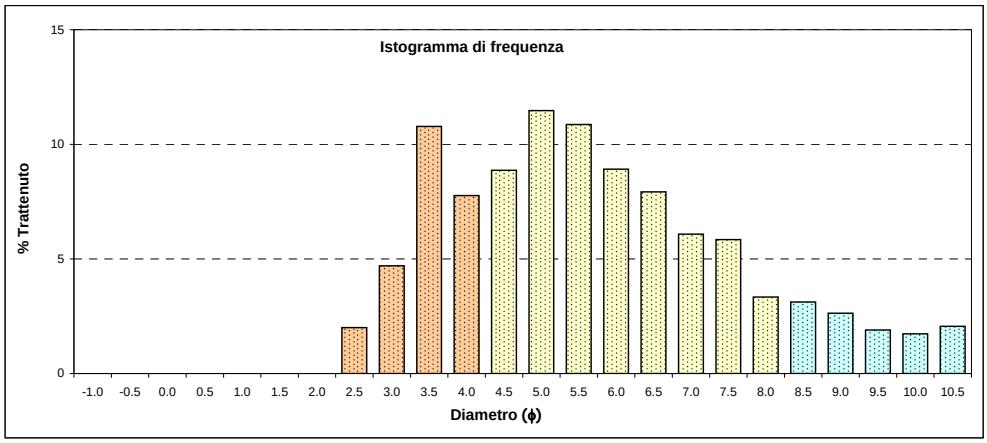
Percentili (Φ)	
5	2.798
16	3.424
25	3.985
50	5.257
75	6.699
84	7.505
95	9.275

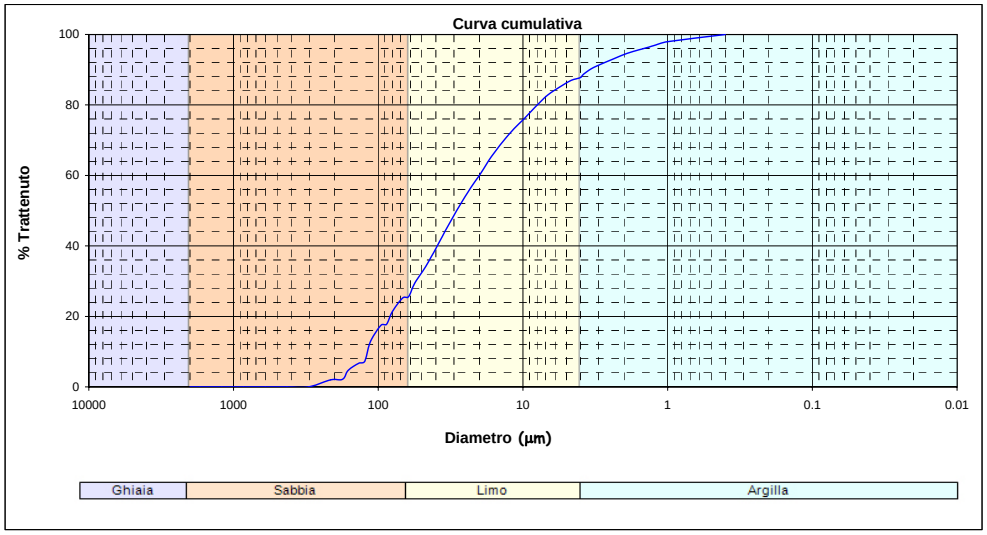
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.00%	2.00%
176.78	2.5		
176.78	2.5	0.16%	2.16%
175	2.515		
175	2.515	2.54%	4.70%
147	2.766		
147	2.766	2.00%	6.70%
125	3		
125	3	0.56%	7.26%
123	3.023		
123	3.023	5.67%	12.93%
103	3.279		
103	3.279	4.55%	17.48%
88.39	3.5		
88.39	3.5	0.27%	17.75%
87	3.523		
87	3.523	3.59%	21.34%
73	3.776		
73	3.776	3.91%	25.25%
62.5	4		
62.5	4	0.32%	25.57%
61	4.035		
61	4.035	3.85%	29.42%
51	4.293		
51	4.293	4.69%	34.12%
43	4.54		
43	4.54	5.57%	39.69%
36	4.796		
36	4.796	5.90%	45.59%
30	5.059		
30	5.059	5.72%	51.31%
25	5.322		
25	5.322	5.14%	56.45%
21	5.573		
21	5.573	4.24%	60.70%
18	5.796		
18	5.796	4.67%	65.37%
15	6.059		
15	6.059	4.26%	69.63%
12.5	6.322		
12.5	6.322	3.66%	73.29%
10.5	6.573		
10.5	6.573	2.93%	76.22%
9	6.796		
9	6.796	3.16%	79.38%
7.5	7.059		
7.5	7.059	3.42%	82.80%
6	7.381		
6	7.381	2.42%	85.22%
5	7.644		
5	7.644	1.76%	86.98%
4.3	7.861		
4.3	7.861	0.79%	87.77%
4	7.966		
4	7.966	0.79%	88.56%
3.7	8.078		
3.7	8.078	1.65%	90.21%
3.1	8.334		
3.1	8.334	1.47%	91.68%
2.6	8.587		
2.6	8.587	1.26%	92.94%
2.2	8.828		
2.2	8.828	1.37%	94.31%
1.8	9.118		
1.8	9.118	1.11%	95.42%
1.5	9.381		
1.5	9.381	0.79%	96.21%
1.3	9.587		
1.3	9.587	0.84%	97.05%
1.1	9.828		
1.1	9.828	0.89%	97.94%
0.9	10.118		
< 0,900	> 10,118	2.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 37
Livello (cm)	(75-100)
Peso totale (g)	29.1
Frazione > 63 μm (%)	23.0
Frazione < 63 μm (%)	77.0

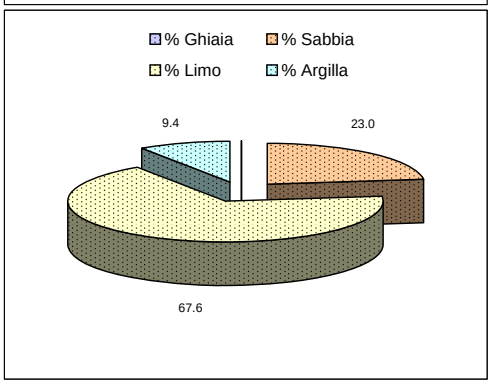
Frazione grossolana (> 63 μm) = 23.0	
% Ghiaia	% Sabbia
0.0	23.0

Frazione pelitica (< 63 μm) = 77.0	
% Limo	% Argilla
67.6	9.4

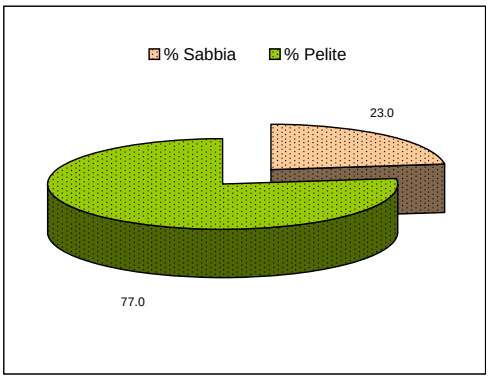
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.296
Deviazione Standard	1.885
Asimmetria (Skewness)	0.063
Appuntimento (Kurtosis)	1.110
Mediana (Φ)	5.315
Moda (Φ)	5.500

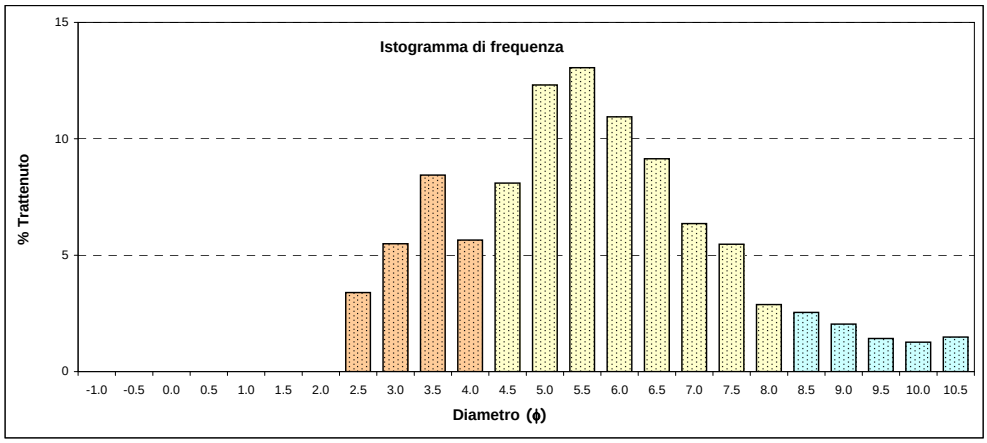
Percentili (Φ)	
5	2.629
16	3.413
25	4.164
50	5.315
75	6.475
84	7.160
95	8.885

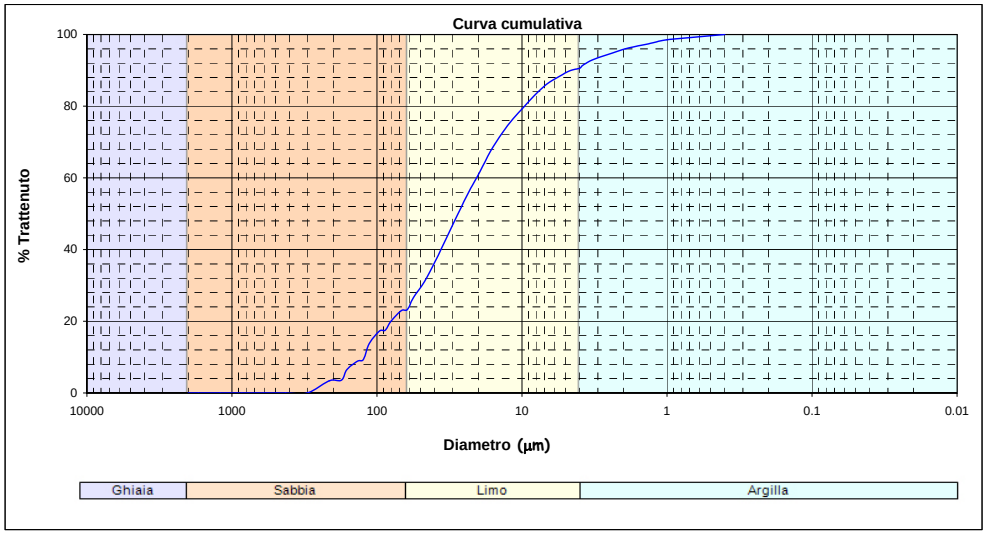
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.40%	3.40%
176.78	2.5		
176.78	2.5	0.19%	3.59%
175	2.515		
175	2.515	2.97%	6.56%
147	2.766		
147	2.766	2.33%	8.89%
125	3		
125	3	0.44%	9.34%
123	3.023		
123	3.023	4.46%	13.80%
103	3.279		
103	3.279	3.54%	17.34%
88.39	3.5		
88.39	3.5	0.18%	17.52%
87	3.523		
87	3.523	2.52%	20.04%
73	3.776		
73	3.776	2.95%	22.99%
62.5	4		
62.5	4	0.26%	23.25%
61	4.035		
61	4.035	3.37%	26.62%
51	4.293		
51	4.293	4.47%	31.09%
43	4.54		
43	4.54	5.75%	36.83%
36	4.796		
36	4.796	6.56%	43.39%
30	5.059		
30	5.059	6.76%	50.15%
25	5.322		
25	5.322	6.30%	56.45%
21	5.573		
21	5.573	5.25%	61.70%
18	5.796		
18	5.796	5.69%	67.39%
15	6.059		
15	6.059	5.01%	72.41%
12.5	6.322		
12.5	6.322	4.13%	76.54%
10.5	6.573		
10.5	6.573	3.15%	79.69%
9	6.796		
9	6.796	3.21%	82.89%
7.5	7.059		
7.5	7.059	3.27%	86.17%
6	7.381		
6	7.381	2.20%	88.37%
5	7.644		
5	7.644	1.55%	89.91%
4.3	7.861		
4.3	7.861	0.67%	90.58%
4	7.966		
4	7.966	0.67%	91.25%
3.7	8.078		
3.7	8.078	1.36%	92.61%
3.1	8.334		
3.1	8.334	1.18%	93.79%
2.6	8.587		
2.6	8.587	0.99%	94.78%
2.2	8.828		
2.2	8.828	1.05%	95.83%
1.8	9.118		
1.8	9.118	0.84%	96.66%
1.5	9.381		
1.5	9.381	0.59%	97.25%
1.3	9.587		
1.3	9.587	0.62%	97.87%
1.1	9.828		
1.1	9.828	0.65%	98.52%
0.9	10.118		
< 0,900	> 10,118	1.48%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 37**
Livello (cm)	**(100-125)**
Peso totale (g)	24.2
Frazione > 63 µm (%)	20.3
Frazione < 63 µm (%)	79.7

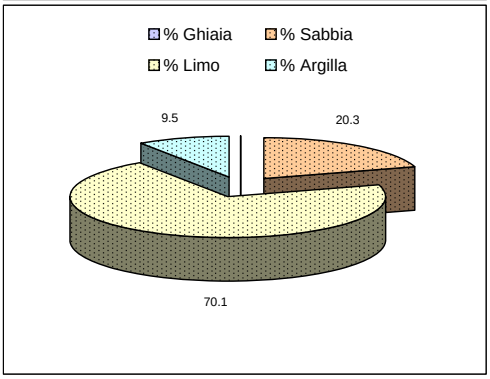
Frazione grossolana (> 63 µm) =	**20.3**
% Ghiaia	**% Sabbia**
0.0	**20.3**

Frazione pelitica (< 63 µm) =	**79.7**
% Limo	**% Argilla**
70.1	**9.5**

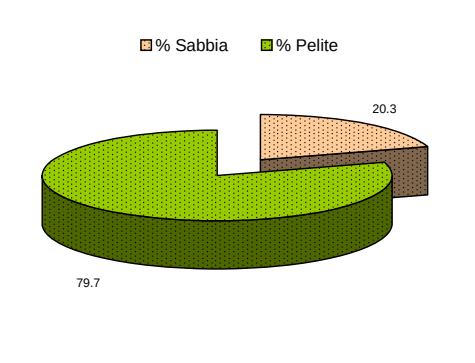
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.367
Deviazione Standard	1.763
Asimmetria (Skewness)	0.179
Appuntimento (Kurtosis)	1.188
Mediana (Φ)	5.210
Moda (Φ)	5.000

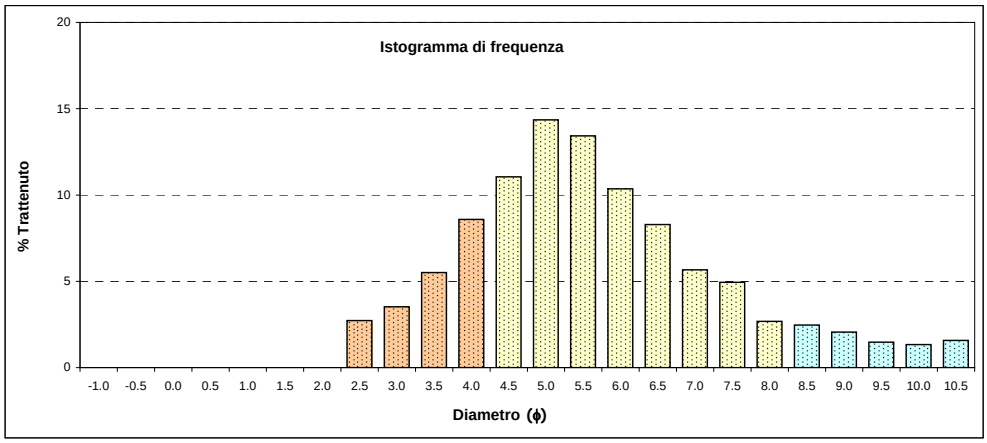
Percentili (Φ)	
5	2.803
16	3.779
25	4.262
50	5.210
75	6.379
84	7.112
95	8.944

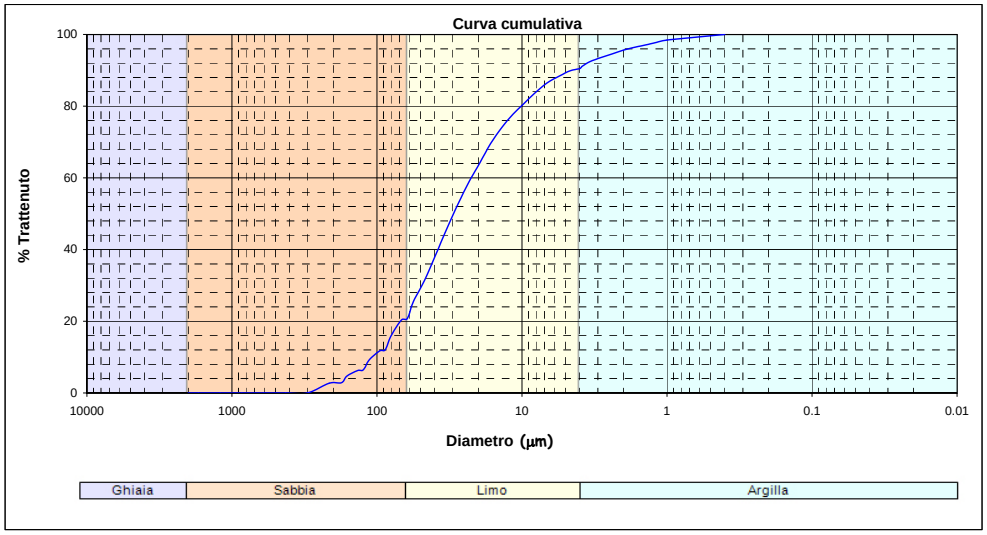
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.73%	2.73%
176.78	2.5		
176.78	2.5	0.12%	2.85%
175	2.515		
175	2.515	1.90%	4.74%
147	2.766		
147	2.766	1.50%	6.25%
125	3		
125	3	0.25%	6.49%
123	3.023		
123	3.023	2.74%	9.23%
103	3.279		
103	3.279	2.53%	11.76%
88.39	3.5		
88.39	3.5	0.28%	12.03%
87	3.523		
87	3.523	3.89%	15.93%
73	3.776		
73	3.776	4.41%	20.34%
62.5	4		
62.5	4	0.41%	20.75%
61	4.035		
61	4.035	4.80%	25.55%
51	4.293		
51	4.293	5.84%	31.39%
43	4.54		
43	4.54	6.96%	38.35%
36	4.796		
36	4.796	7.39%	45.74%
30	5.059		
30	5.059	7.13%	52.87%
25	5.322		
25	5.322	6.30%	59.17%
21	5.573		
21	5.573	5.04%	64.21%
18	5.796		
18	5.796	5.31%	69.52%
15	6.059		
15	6.059	4.57%	74.10%
12.5	6.322		
12.5	6.322	3.71%	77.81%
10.5	6.573		
10.5	6.573	2.81%	80.61%
9	6.796		
9	6.796	2.86%	83.47%
7.5	7.059		
7.5	7.059	2.94%	86.41%
6	7.381		
6	7.381	2.00%	88.42%
5	7.644		
5	7.644	1.43%	89.84%
4.3	7.861		
4.3	7.861	0.63%	90.47%
4	7.966		
4	7.966	0.63%	91.10%
3.7	8.078		
3.7	8.078	1.31%	92.41%
3.1	8.334		
3.1	8.334	1.16%	93.56%
2.6	8.587		
2.6	8.587	0.99%	94.55%
2.2	8.828		
2.2	8.828	1.07%	95.62%
1.8	9.118		
1.8	9.118	0.86%	96.48%
1.5	9.381		
1.5	9.381	0.61%	97.09%
1.3	9.587		
1.3	9.587	0.65%	97.73%
1.1	9.828		
1.1	9.828	0.69%	98.42%
0.9	10.118		
< 0,900	> 10,118	1.58%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 37
Livello (cm)	(125-150)
Peso totale (g)	25.8
Frazione > 63 μm (%)	5.1
Frazione < 63 μm (%)	94.9

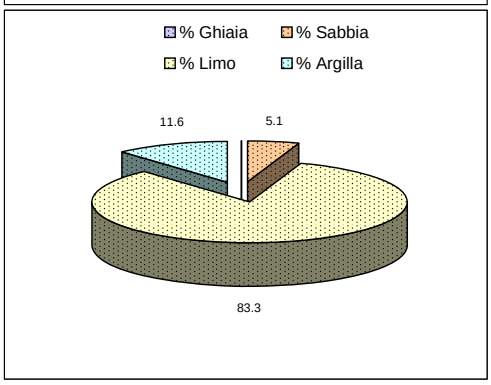
Frazione grossolana (> 63 μm) = 5.1	
% Ghiaia	% Sabbia
0.0	5.1

Frazione pelitica (< 63 μm) = 94.9	
% Limo	% Argilla
83.3	11.6

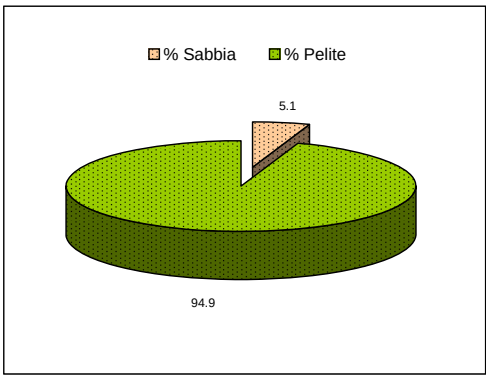
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.884
Deviazione Standard	1.525
Asimmetria (Skewness)	0.279
Appuntimento (Kurtosis)	1.057
Mediana (Φ)	5.674
Moda (Φ)	5.000

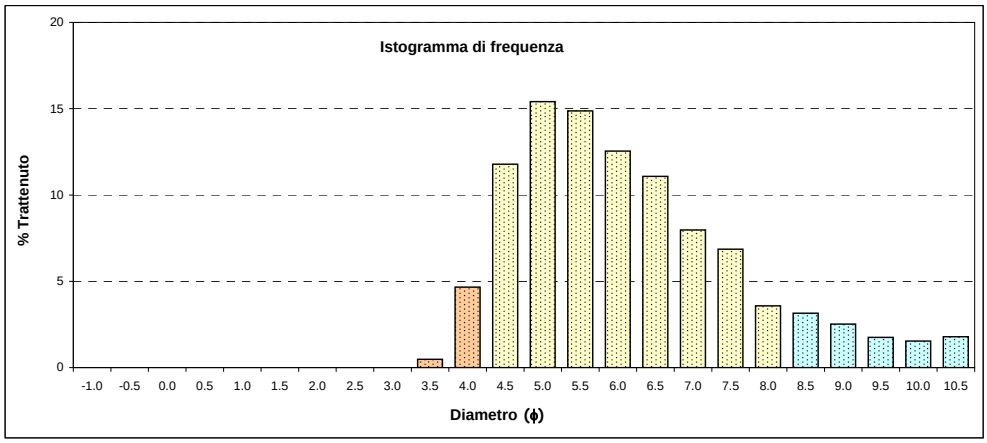
Percentili (Φ)	
5	3.988
16	4.500
25	4.815
50	5.674
75	6.810
84	7.479
95	9.136

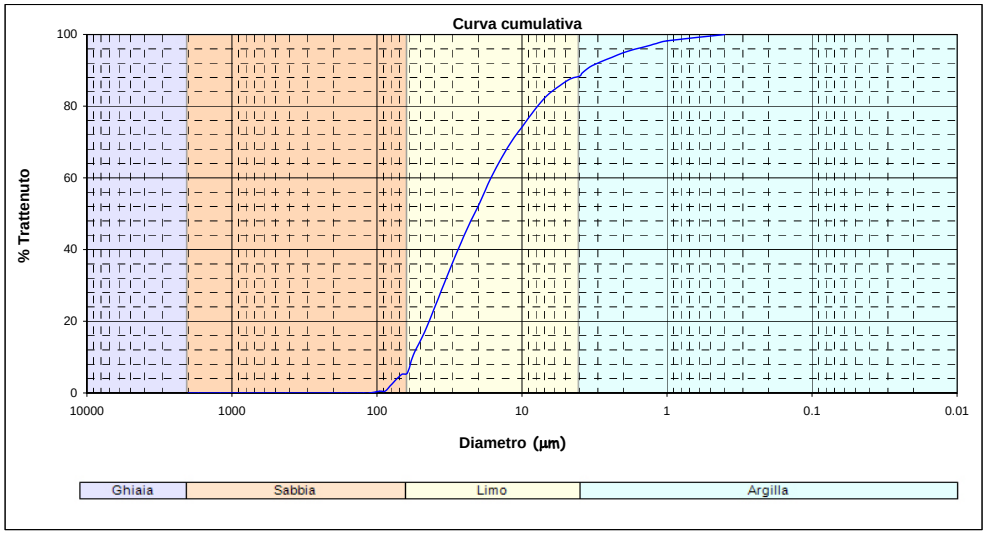
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.48%	0.48%
88.39	3.5		
88.39	3.5	0.05%	0.52%
87	3.523		
87	3.523	1.69%	2.21%
73	3.776		
73	3.776	2.93%	5.15%
62.5	4		
62.5	4	0.42%	5.56%
61	4.035		
61	4.035	5.10%	10.67%
51	4.293		
51	4.293	6.26%	16.93%
43	4.54		
43	4.54	7.46%	24.39%
36	4.796		
36	4.796	7.95%	32.34%
30	5.059		
30	5.059	7.78%	40.11%
25	5.322		
25	5.322	7.09%	47.21%
21	5.573		
21	5.573	5.94%	53.14%
18	5.796		
18	5.796	6.61%	59.75%
15	6.059		
15	6.059	6.00%	65.75%
12.5	6.322		
12.5	6.322	5.07%	70.83%
10.5	6.573		
10.5	6.573	3.93%	74.76%
9	6.796		
9	6.796	4.04%	78.80%
7.5	7.059		
7.5	7.059	4.11%	82.91%
6	7.381		
6	7.381	2.75%	85.66%
5	7.644		
5	7.644	1.92%	87.59%
4.3	7.861		
4.3	7.861	0.83%	88.41%
4	7.966		
4	7.966	0.83%	89.24%
3.7	8.078		
3.7	8.078	1.69%	90.93%
3.1	8.334		
3.1	8.334	1.46%	92.40%
2.6	8.587		
2.6	8.587	1.23%	93.62%
2.2	8.828		
2.2	8.828	1.30%	94.92%
1.8	9.118		
1.8	9.118	1.03%	95.95%
1.5	9.381		
1.5	9.381	0.72%	96.67%
1.3	9.587		
1.3	9.587	0.75%	97.42%
1.1	9.828		
1.1	9.828	0.79%	98.21%
0.9	10.118		
< 0,900	> 10,118	1.79%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 37
Livello (cm)	(150-175)
Peso totale (g)	28.2
Frazione > 63 µm (%)	23.4
Frazione < 63 µm (%)	76.6

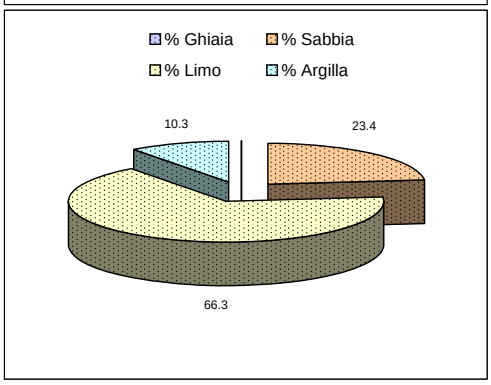
Frazione grossolana (> 63 µm) = 23.4	
% Ghiaia	% Sabbia
0.0	23.4

Frazione pelitica (< 63 µm) = 76.6	
% Limo	% Argilla
66.3	10.3

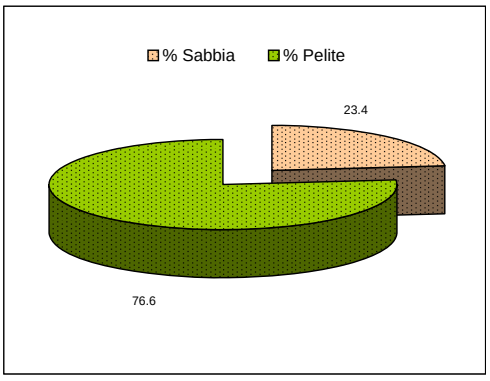
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.319
Deviazione Standard	1.895
Asimmetria (Skewness)	0.151
Appuntimento (Kurtosis)	1.065
Mediana (Φ)	5.191
Moda (Φ)	5.000

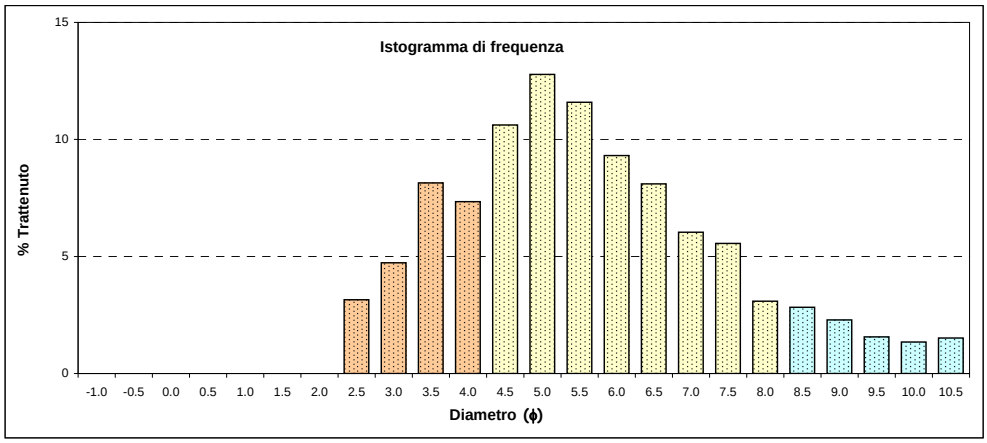
Percentili (Φ)	
5	2.679
16	3.498
25	4.098
50	5.191
75	6.518
84	7.267
95	8.971

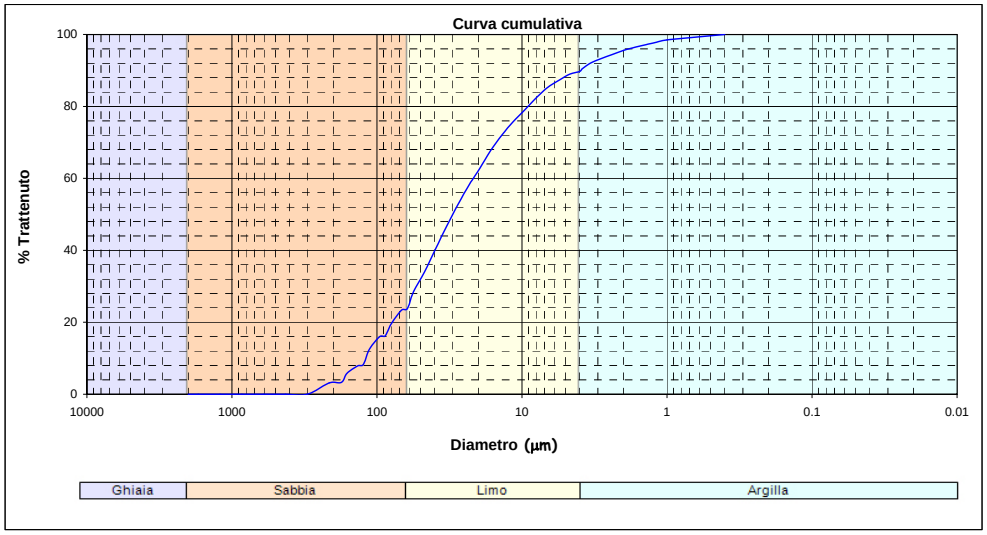
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	3.15%	3.15%
176.78	2.5		
176.78	2.5	0.16%	3.31%
175	2.515		
175	2.515	2.51%	5.82%
147	2.766		
147	2.766	2.06%	7.89%
125	3		
125	3	0.39%	8.28%
123	3.023		
123	3.023	4.17%	12.45%
103	3.279		
103	3.279	3.58%	16.03%
88.39	3.5		
88.39	3.5	0.21%	16.24%
87	3.523		
87	3.523	3.23%	19.47%
73	3.776		
73	3.776	3.90%	23.37%
62.5	4		
62.5	4	0.41%	23.78%
61	4.035		
61	4.035	4.70%	28.48%
51	4.293		
51	4.293	5.50%	33.99%
43	4.54		
43	4.54	6.30%	40.28%
36	4.796		
36	4.796	6.48%	46.76%
30	5.059		
30	5.059	6.15%	52.91%
25	5.322		
25	5.322	5.44%	58.35%
21	5.573		
21	5.573	4.45%	62.80%
18	5.796		
18	5.796	4.86%	67.66%
15	6.059		
15	6.059	4.38%	72.04%
12.5	6.322		
12.5	6.322	3.72%	75.76%
10.5	6.573		
10.5	6.573	2.93%	78.69%
9	6.796		
9	6.796	3.10%	81.80%
7.5	7.059		
7.5	7.059	3.28%	85.08%
6	7.381		
6	7.381	2.28%	87.36%
5	7.644		
5	7.644	1.64%	89.00%
4.3	7.861		
4.3	7.861	0.72%	89.72%
4	7.966		
4	7.966	0.72%	90.45%
3.7	8.078		
3.7	8.078	1.51%	91.96%
3.1	8.334		
3.1	8.334	1.32%	93.28%
2.6	8.587		
2.6	8.587	1.11%	94.39%
2.2	8.828		
2.2	8.828	1.17%	95.57%
1.8	9.118		
1.8	9.118	0.93%	96.49%
1.5	9.381		
1.5	9.381	0.64%	97.13%
1.3	9.587		
1.3	9.587	0.66%	97.80%
1.1	9.828		
1.1	9.828	0.69%	98.48%
0.9	10.118		
< 0,900	> 10,118	1.52%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 37**
Livello (cm)	**(175-200)**
Peso totale (g)	20.4
Frazione > 63 μm (%)	17.6
Frazione < 63 μm (%)	82.4

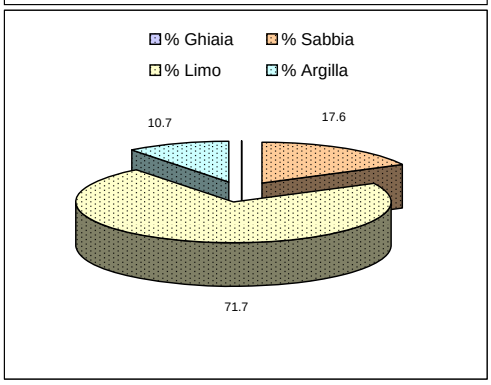
Frazione grossolana (> 63 μm) =	**17.6**
% Ghiaia	**% Sabbia**
0.0	**17.6**

Frazione pelitica (< 63 μm) =	**82.4**
% Limo	**% Argilla**
71.7	**10.7**

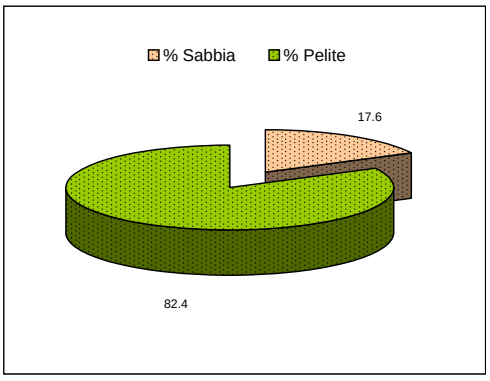
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.562
Deviazione Standard	1.804
Asimmetria (Skewness)	0.131
Appuntimento (Kurtosis)	1.133
Mediana (Φ)	5.433
Moda (Φ)	5.000

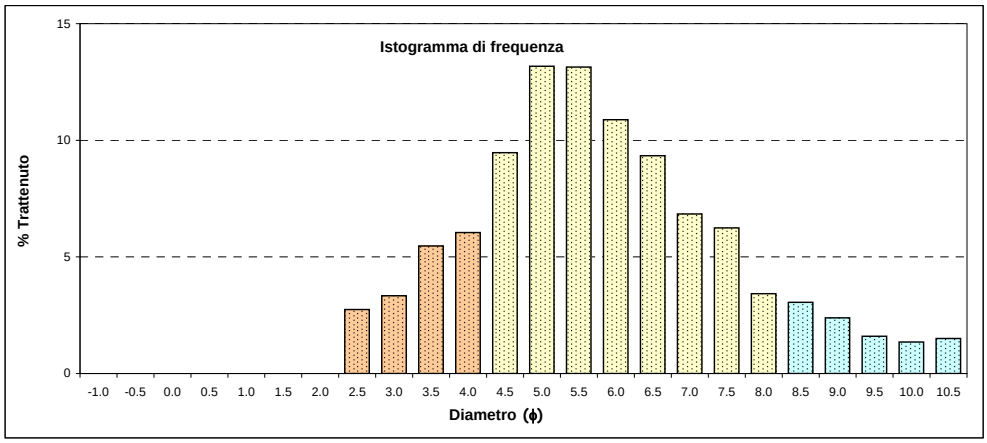
Percentili (Φ)	
5	2.818
16	3.886
25	4.435
50	5.433
75	6.663
84	7.367
95	8.979

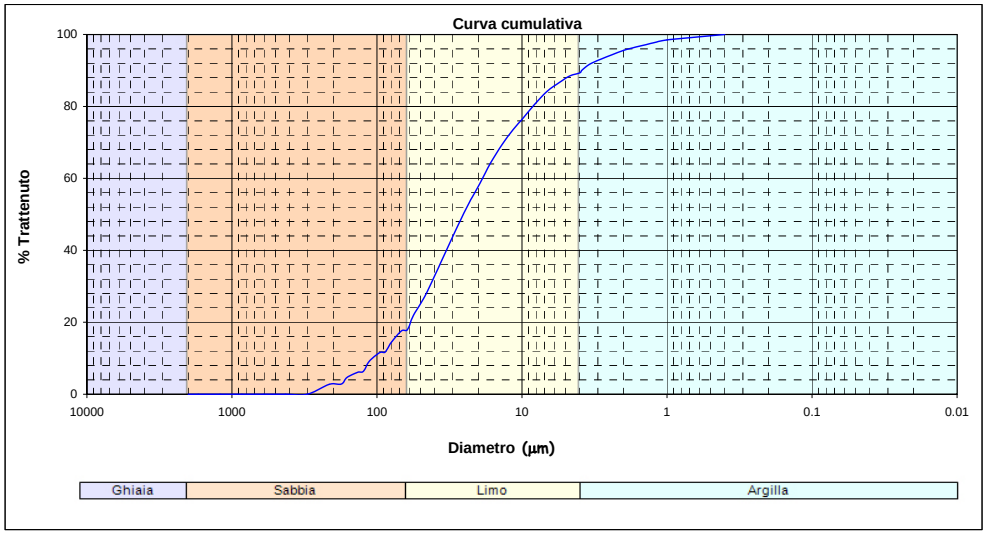
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.75%	2.75%
176.78	2.5		
176.78	2.5	0.11%	2.86%
175	2.515		
175	2.515	1.80%	4.67%
147	2.766		
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125	3		
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62.5	4	0.32%	17.91%
61	4.035		
61	4.035	4.03%	21.95%
51	4.293		
51	4.293	5.12%	27.06%
43	4.54		
43	4.54	6.28%	33.35%
36	4.796		
36	4.796	6.89%	40.24%
30	5.059		
30	5.059	6.86%	47.10%
25	5.322		
25	5.322	6.28%	53.38%
21	5.573		
21	5.573	5.20%	58.58%
18	5.796		
18	5.796	5.68%	64.26%
15	6.059		
15	6.059	5.07%	69.33%
12.5	6.322		
12.5	6.322	4.27%	73.60%
10.5	6.573		
10.5	6.573	3.34%	76.93%
9	6.796		
9	6.796	3.51%	80.44%
7.5	7.059		
7.5	7.059	3.70%	84.14%
6	7.381		
6	7.381	2.55%	86.69%
5	7.644		
5	7.644	1.83%	88.52%
4.3	7.861		
4.3	7.861	0.80%	89.31%
4	7.966		
4	7.966	0.80%	90.11%
3.7	8.078		
3.7	8.078	1.64%	91.75%
3.1	8.334		
3.1	8.334	1.41%	93.16%
2.6	8.587		
2.6	8.587	1.17%	94.34%
2.2	8.828		
2.2	8.828	1.22%	95.55%
1.8	9.118		
1.8	9.118	0.95%	96.50%
1.5	9.381		
1.5	9.381	0.65%	97.15%
1.3	9.587		
1.3	9.587	0.67%	97.81%
1.1	9.828		
1.1	9.828	0.69%	98.50%
0.9	10.118		
< 0,900	> 10,118	1.50%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 38
Livello (cm)	(0-25)
Peso totale (g)	30.5
Frazione > 63 μm (%)	0.8
Frazione < 63 μm (%)	99.2

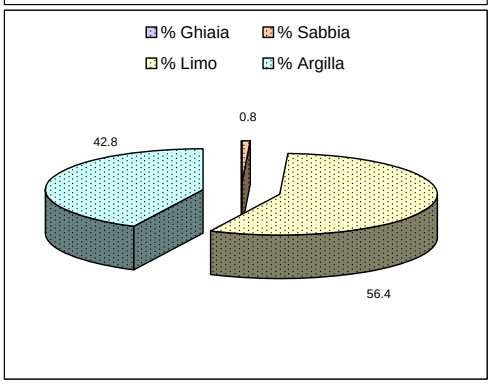
Frazione grossolana (> 63 μm) = 0.8	
% Ghiaia	% Sabbia
0.0	0.8

Frazione pelitica (< 63 μm) = 99.2	
% Limo	% Argilla
56.4	42.8

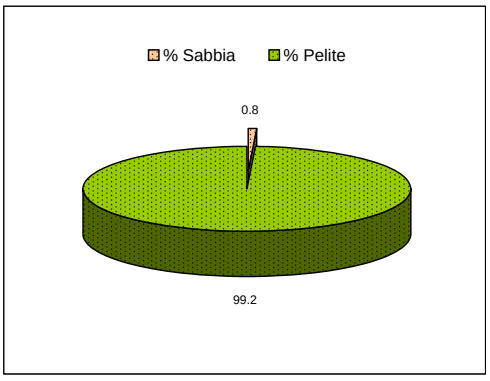
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.664
Deviazione Standard	1.631
Asimmetria (Skewness)	-0.010
Appuntimento (Kurtosis)	0.970
Mediana (Φ)	7.662
Moda (Φ)	7.500

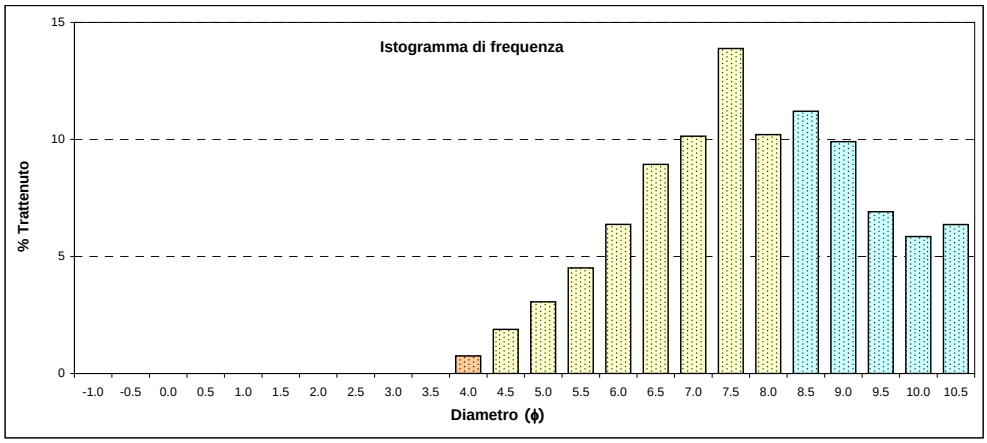
Percentili (Φ)	
5	4.945
16	6.015
25	6.543
50	7.662
75	8.789
84	9.315
95	10.262

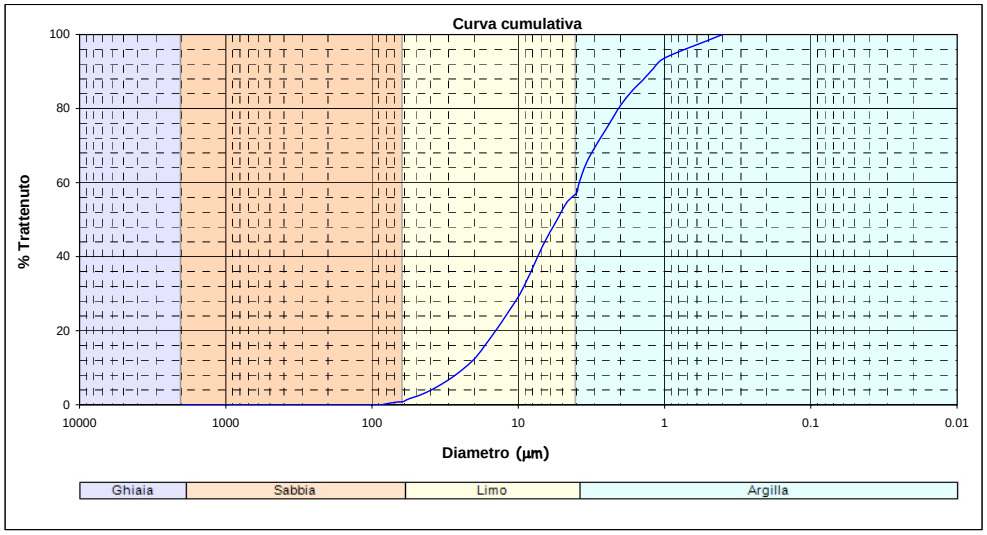
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.27%	0.27%
73	3.776		
73	3.776	0.48%	0.75%
62.5	4		
62.5	4	0.07%	0.82%
61	4.035		
61	4.035	0.80%	1.62%
51	4.293		
51	4.293	1.02%	2.64%
43	4.54		
43	4.54	1.36%	3.99%
36	4.796		
36	4.796	1.71%	5.70%
30	5.059		
30	5.059	2.08%	7.78%
25	5.322		
25	5.322	2.44%	10.21%
21	5.573		
21	5.573	2.61%	12.82%
18	5.796		
18	5.796	3.76%	16.59%
15	6.059		
15	6.059	4.36%	20.95%
12.5	6.322		
12.5	6.322	4.57%	25.52%
10.5	6.573		
10.5	6.573	4.38%	29.90%
9	6.796		
9	6.796	5.76%	35.66%
7.5	7.059		
7.5	7.059	7.61%	43.27%
6	7.381		
6	7.381	6.28%	49.55%
5	7.644		
5	7.644	5.15%	54.70%
4.3	7.861		
4.3	7.861	2.53%	57.23%
4	7.966		
4	7.966	2.53%	59.75%
3.7	8.078		
3.7	8.078	5.78%	65.54%
3.1	8.334		
3.1	8.334	5.42%	70.96%
2.6	8.587		
2.6	8.587	4.76%	75.72%
2.2	8.828		
2.2	8.828	5.15%	80.87%
1.8	9.118		
1.8	9.118	4.09%	84.95%
1.5	9.381		
1.5	9.381	2.82%	87.78%
1.3	9.587		
1.3	9.587	2.90%	90.68%
1.1	9.828		
1.1	9.828	2.96%	93.63%
0.9	10.118		
< 0,900	> 10,118	6.37%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 38
Livello (cm)	(25-50)
Peso totale (g)	35.6
Frazione > 63 μm (%)	0.9
Frazione < 63 μm (%)	99.1

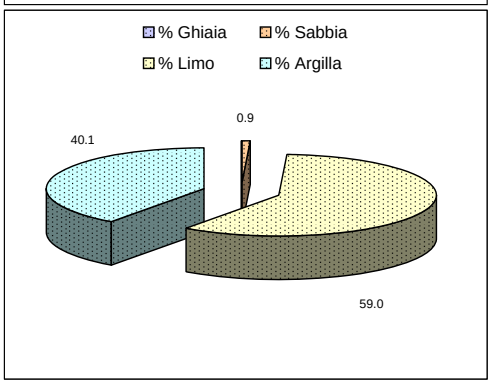
Frazione grossolana (> 63 μm) = 0.9	
% Ghiaia	% Sabbia
0.0	0.9

Frazione pelitica (< 63 μm) = 99.1	
% Limo	% Argilla
59.0	40.1

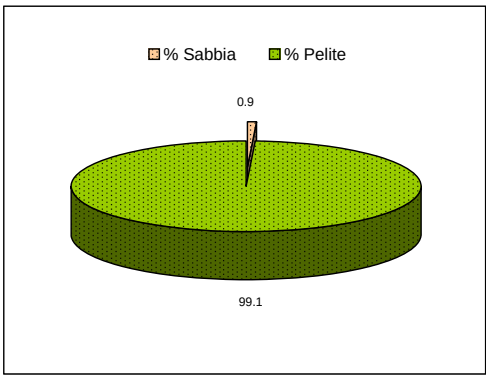
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.539
Deviazione Standard	1.673
Asimmetria (Skewness)	0.000
Appuntimento (Kurtosis)	0.957
Mediana (Φ)	7.531
Moda (Φ)	7.500

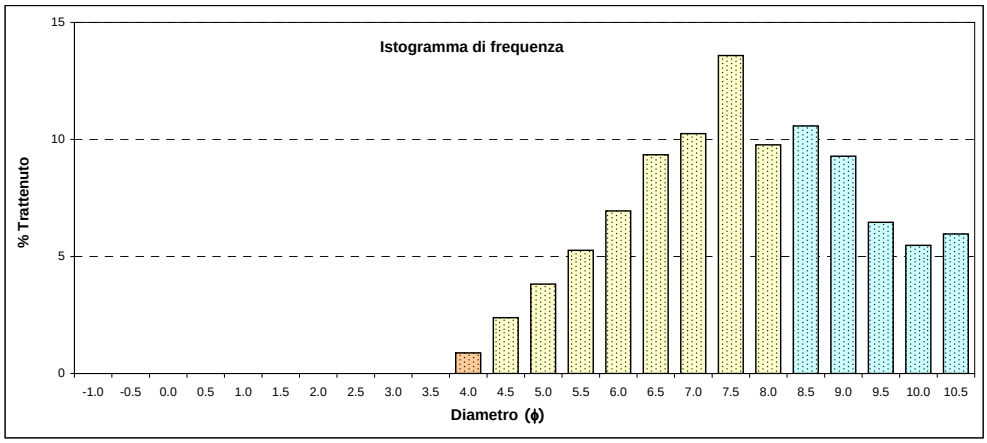
Percentili (Φ)	
5	4.798
16	5.842
25	6.376
50	7.531
75	8.700
84	9.243
95	10.225

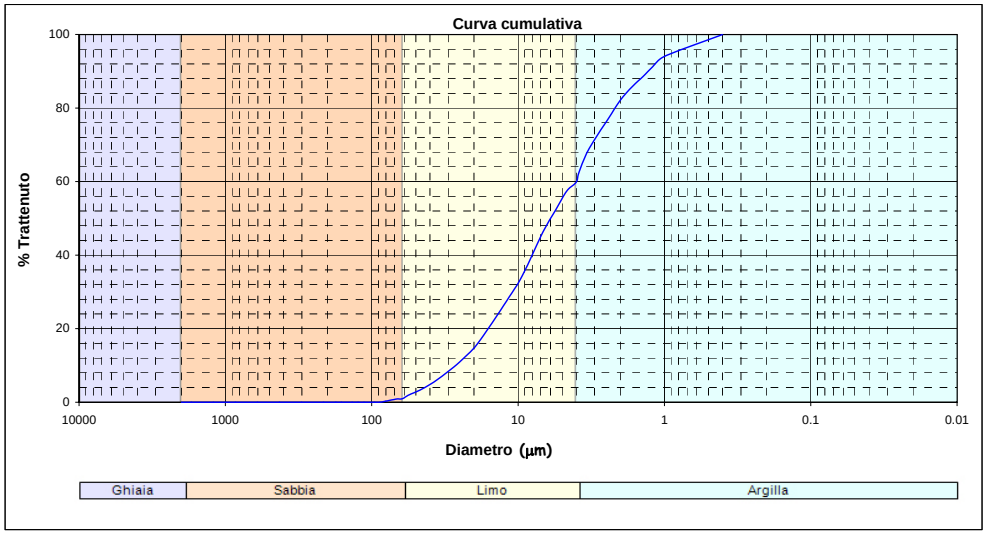
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.30%	0.30%
73	3.776		
73	3.776	0.58%	0.88%
62.5	4		
62.5	4	0.08%	0.96%
61	4.035		
61	4.035	1.00%	1.96%
51	4.293		
51	4.293	1.30%	3.26%
43	4.54		
43	4.54	1.72%	4.98%
36	4.796		
36	4.796	2.11%	7.09%
30	5.059		
30	5.059	2.48%	9.57%
25	5.322		
25	5.322	2.79%	12.35%
21	5.573		
21	5.573	2.89%	15.24%
18	5.796		
18	5.796	4.06%	19.30%
15	6.059		
15	6.059	4.60%	23.90%
12.5	6.322		
12.5	6.322	4.75%	28.65%
10.5	6.573		
10.5	6.573	4.48%	33.12%
9	6.796		
9	6.796	5.77%	38.89%
7.5	7.059		
7.5	7.059	7.49%	46.38%
6	7.381		
6	7.381	6.10%	52.47%
5	7.644		
5	7.644	4.95%	57.42%
4.3	7.861		
4.3	7.861	2.41%	59.83%
4	7.966		
4	7.966	2.41%	62.24%
3.7	8.078		
3.7	8.078	5.47%	67.71%
3.1	8.334		
3.1	8.334	5.10%	72.82%
2.6	8.587		
2.6	8.587	4.47%	77.28%
2.2	8.828		
2.2	8.828	4.82%	82.10%
1.8	9.118		
1.8	9.118	3.82%	85.92%
1.5	9.381		
1.5	9.381	2.64%	88.56%
1.3	9.587		
1.3	9.587	2.71%	91.27%
1.1	9.828		
1.1	9.828	2.76%	94.04%
0.9	10.118		
< 0,900	> 10,118	5.96%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 38**
Livello (cm)	**(50-75)**
Peso totale (g)	34.8
Frazione > 63 μm (%)	0.4
Frazione < 63 μm (%)	99.6

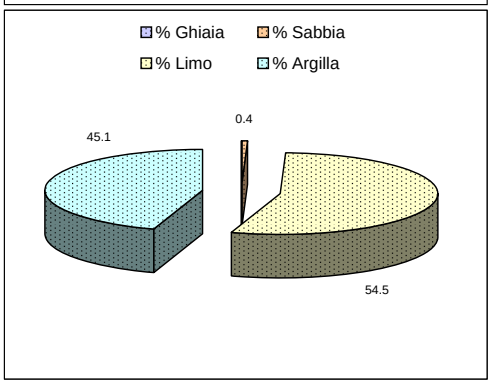
Frazione grossolana (> 63 μm) =	**0.4**
% Ghiaia	**% Sabbia**
0.0	**0.4**

Frazione pelitica (< 63 μm) =	**99.6**
% Limo	**% Argilla**
54.5	**45.1**

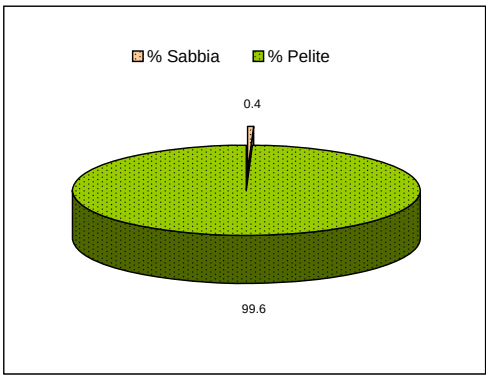
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.792
Deviazione Standard	1.594
Asimmetria (Skewness)	0.024
Appuntimento (Kurtosis)	0.935
Mediana (Φ)	7.752
Moda (Φ)	7.500

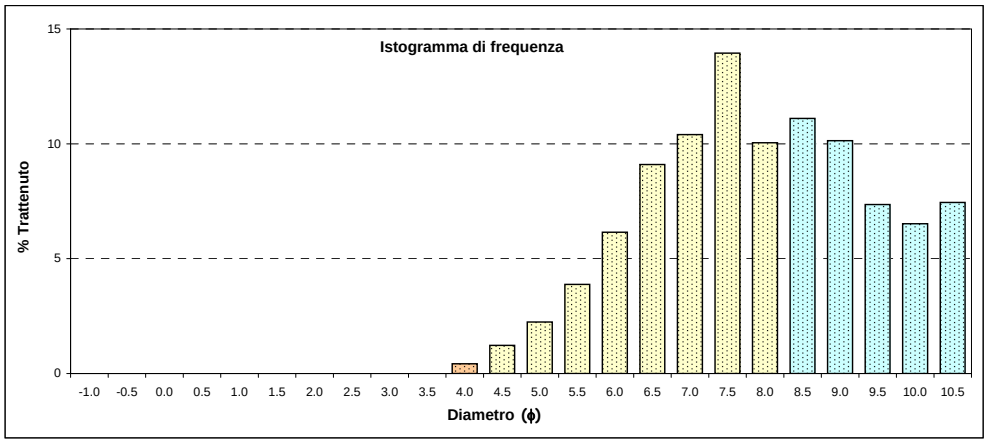
Percentili (Φ)	
5	5.223
16	6.177
25	6.667
50	7.752
75	8.912
84	9.446
95	10.346

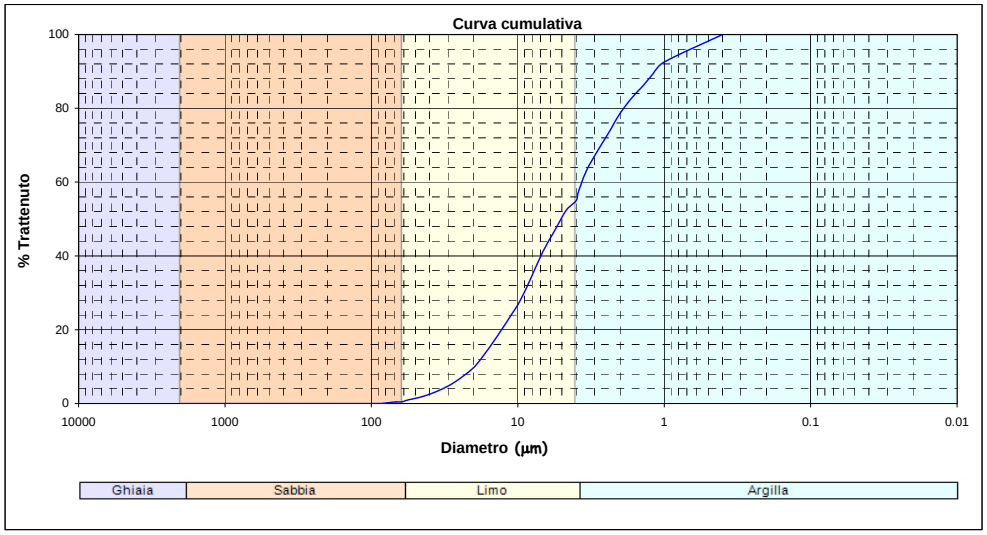
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.13%	0.13%
73	3.776		
73	3.776	0.30%	0.43%
62.5	4		
62.5	4	0.04%	0.47%
61	4.035		
61	4.035	0.51%	0.98%
51	4.293		
51	4.293	0.67%	1.65%
43	4.54		
43	4.54	0.95%	2.60%
36	4.796		
36	4.796	1.29%	3.89%
30	5.059		
30	5.059	1.72%	5.61%
25	5.322		
25	5.322	2.17%	7.78%
21	5.573		
21	5.573	2.45%	10.23%
18	5.796		
18	5.796	3.70%	13.93%
15	6.059		
15	6.059	4.41%	18.34%
12.5	6.322		
12.5	6.322	4.69%	23.03%
10.5	6.573		
10.5	6.573	4.51%	27.54%
9	6.796		
9	6.796	5.89%	33.43%
7.5	7.059		
7.5	7.059	7.69%	41.12%
6	7.381		
6	7.381	6.26%	47.38%
5	7.644		
5	7.644	5.08%	52.46%
4.3	7.861		
4.3	7.861	2.48%	54.94%
4	7.966		
4	7.966	2.48%	57.43%
3.7	8.078		
3.7	8.078	5.70%	63.13%
3.1	8.334		
3.1	8.334	5.40%	68.53%
2.6	8.587		
2.6	8.587	4.82%	73.35%
2.2	8.828		
2.2	8.828	5.32%	78.67%
1.8	9.118		
1.8	9.118	4.32%	82.99%
1.5	9.381		
1.5	9.381	3.04%	86.03%
1.3	9.587		
1.3	9.587	3.19%	89.22%
1.1	9.828		
1.1	9.828	3.33%	92.55%
0.9	10.118		
< 0,900	> 10,118	7.45%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 38
Livello (cm)	(75-100)
Peso totale (g)	22.7
Frazione > 63 μm (%)	13.1
Frazione < 63 μm (%)	86.9

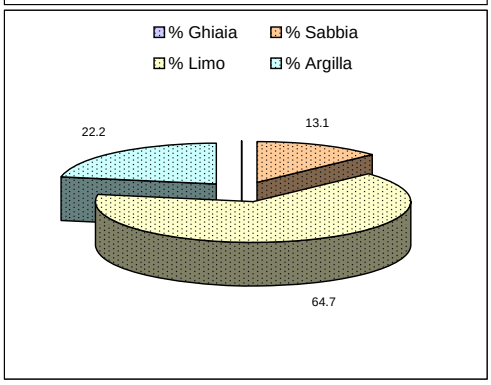
Frazione grossolana (> 63 μm) = 13.1	
% Ghiaia	% Sabbia
0.0	13.1

Frazione pelitica (< 63 μm) = 86.9	
% Limo	% Argilla
64.7	22.2

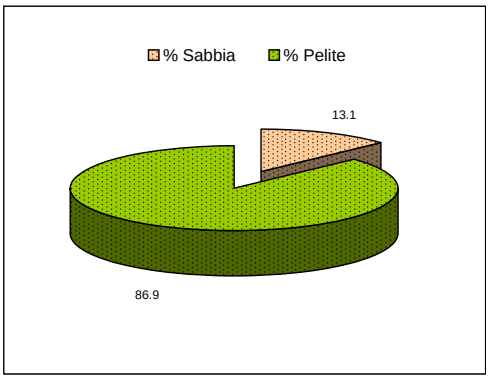
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.333
Deviazione Standard	2.109
Asimmetria (Skewness)	0.022
Appuntimento (Kurtosis)	1.000
Mediana (Φ)	6.252
Moda (Φ)	7.500

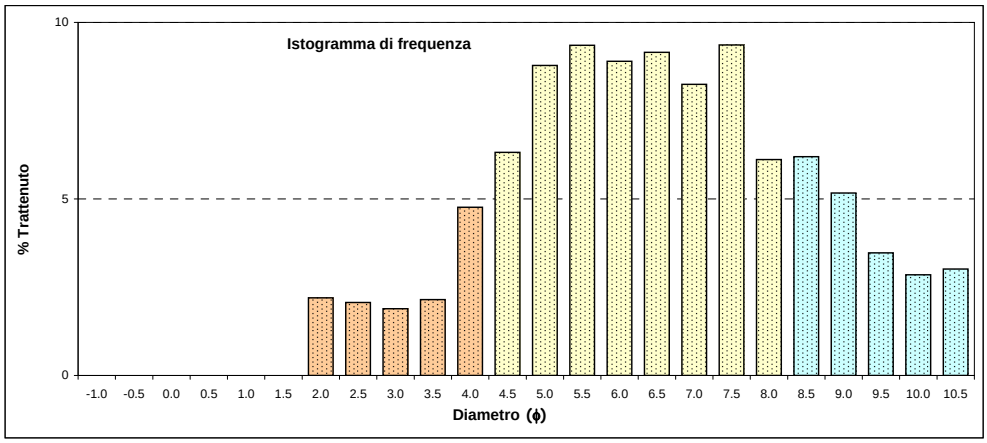
Percentili (Φ)	
5	2.674
16	4.293
25	4.873
50	6.252
75	7.765
84	8.453
95	9.729

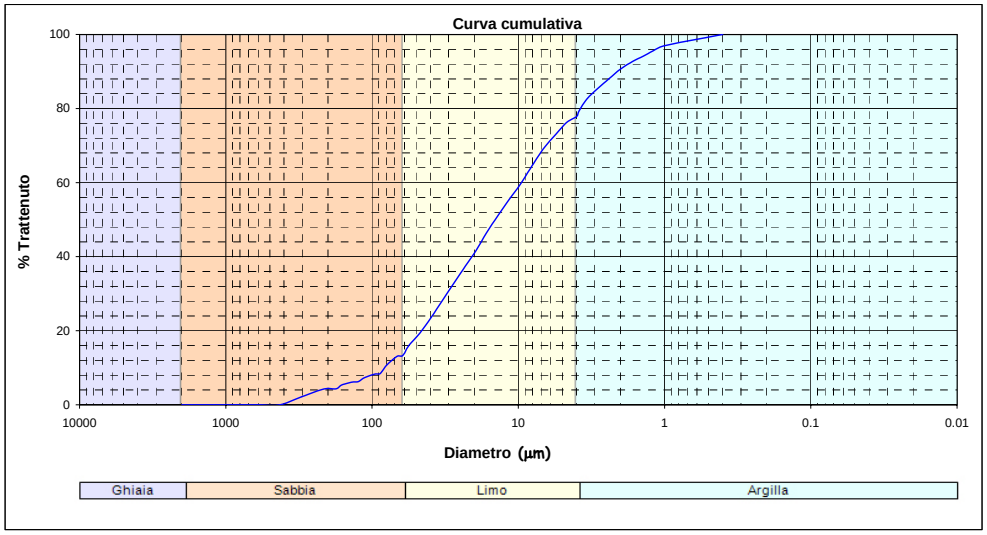
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.20%	2.20%
250	2		
250	2	2.07%	4.27%
176.78	2.5		
176.78	2.5	0.07%	4.33%
175	2.515		
175	2.515	1.02%	5.35%
147	2.766		
147	2.766	0.80%	6.16%
125	3		
125	3	0.11%	6.26%
123	3.023		
123	3.023	1.06%	7.32%
103	3.279		
103	3.279	0.99%	8.31%
88.39	3.5		
88.39	3.5	0.14%	8.45%
87	3.523		
87	3.523	2.13%	10.58%
73	3.776		
73	3.776	2.49%	13.07%
62.5	4		
62.5	4	0.22%	13.29%
61	4.035		
61	4.035	2.71%	16.01%
51	4.293		
51	4.293	3.38%	19.39%
43	4.54		
43	4.54	4.16%	23.55%
36	4.796		
36	4.796	4.62%	28.17%
30	5.059		
30	5.059	4.76%	32.93%
25	5.322		
25	5.322	4.59%	37.52%
21	5.573		
21	5.573	4.06%	41.58%
18	5.796		
18	5.796	4.83%	46.42%
15	6.059		
15	6.059	4.76%	51.17%
12.5	6.322		
12.5	6.322	4.40%	55.57%
10.5	6.573		
10.5	6.573	3.79%	59.36%
9	6.796		
9	6.796	4.46%	63.82%
7.5	7.059		
7.5	7.059	5.30%	69.12%
6	7.381		
6	7.381	4.06%	73.18%
5	7.644		
5	7.644	3.15%	76.33%
4.3	7.861		
4.3	7.861	1.48%	77.81%
4	7.966		
4	7.966	1.48%	79.30%
3.7	8.078		
3.7	8.078	3.25%	82.55%
3.1	8.334		
3.1	8.334	2.95%	85.49%
2.6	8.587		
2.6	8.587	2.52%	88.01%
2.2	8.828		
2.2	8.828	2.65%	90.66%
1.8	9.118		
1.8	9.118	2.06%	92.73%
1.5	9.381		
1.5	9.381	1.41%	94.13%
1.3	9.587		
1.3	9.587	1.42%	95.56%
1.1	9.828		
1.1	9.828	1.43%	96.99%
0.9	10.118		
< 0,900	> 10,118	3.01%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 39
Livello (cm)	(0-25)
Peso totale (g)	43.0
Frazione > 63 μm (%)	0.6
Frazione < 63 μm (%)	99.4

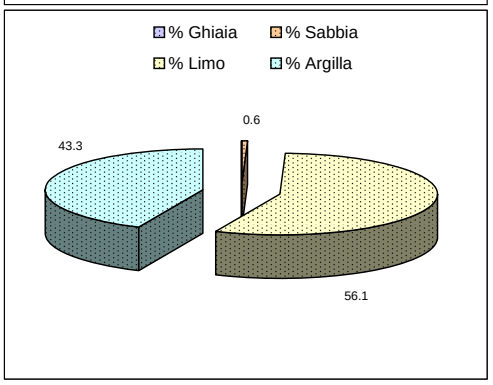
Frazione grossolana (> 63 μm) = 0.6	
% Ghiaia	% Sabbia
0.0	0.6

Frazione pelitica (< 63 μm) = 99.4	
% Limo	% Argilla
56.1	43.3

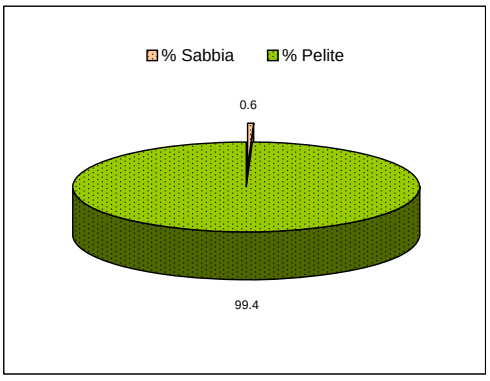
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.685
Deviazione Standard	1.648
Asimmetria (Skewness)	0.013
Appuntimento (Kurtosis)	0.914
Mediana (Φ)	7.663
Moda (Φ)	7.500

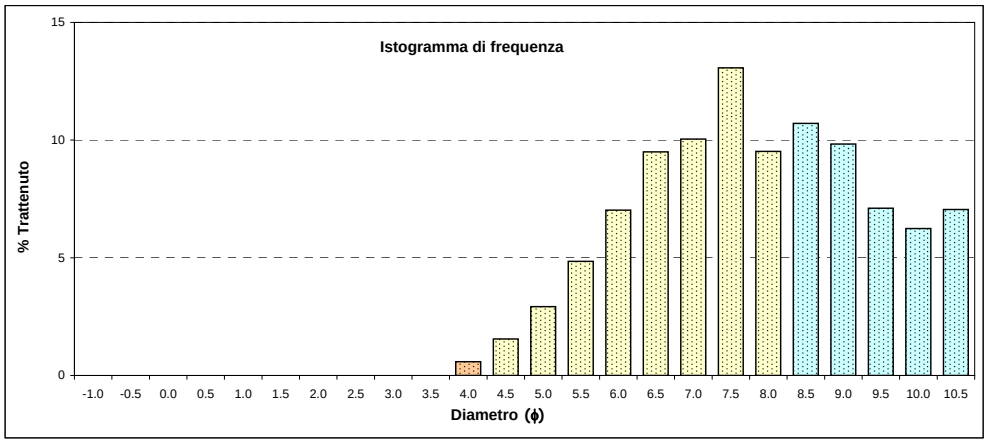
Percentili (Φ)	
5	5.049
16	5.995
25	6.494
50	7.663
75	8.857
84	9.395
95	10.317

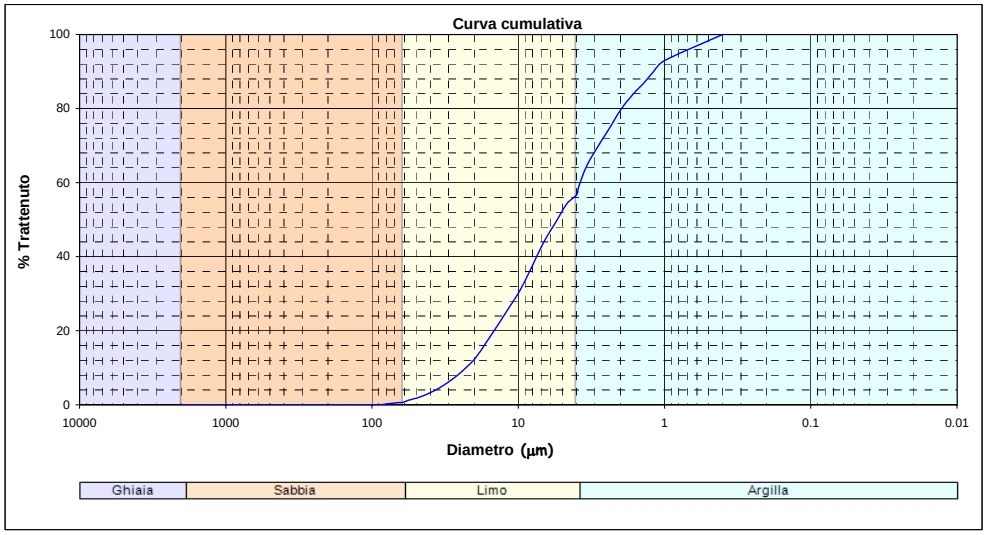
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.21%	0.21%
73	3.776		
73	3.776	0.38%	0.58%
62.5	4		
62.5	4	0.05%	0.64%
61	4.035		
61	4.035	0.64%	1.27%
51	4.293		
51	4.293	0.86%	2.14%
43	4.54		
43	4.54	1.24%	3.38%
36	4.796		
36	4.796	1.68%	5.06%
30	5.059		
30	5.059	2.18%	7.24%
25	5.322		
25	5.322	2.66%	9.91%
21	5.573		
21	5.573	2.89%	12.79%
18	5.796		
18	5.796	4.14%	16.93%
15	6.059		
15	6.059	4.71%	21.64%
12.5	6.322		
12.5	6.322	4.79%	26.43%
10.5	6.573		
10.5	6.573	4.43%	30.86%
9	6.796		
9	6.796	5.61%	36.48%
7.5	7.059		
7.5	7.059	7.20%	43.68%
6	7.381		
6	7.381	5.86%	49.54%
5	7.644		
5	7.644	4.79%	54.34%
4.3	7.861		
4.3	7.861	2.36%	56.70%
4	7.966		
4	7.966	2.36%	59.07%
3.7	8.078		
3.7	8.078	5.48%	64.54%
3.1	8.334		
3.1	8.334	5.23%	69.77%
2.6	8.587		
2.6	8.587	4.67%	74.45%
2.2	8.828		
2.2	8.828	5.16%	79.60%
1.8	9.118		
1.8	9.118	4.17%	83.78%
1.5	9.381		
1.5	9.381	2.93%	86.71%
1.3	9.587		
1.3	9.587	3.06%	89.77%
1.1	9.828		
1.1	9.828	3.18%	92.95%
0.9	10.118		
< 0,900	> 10,118	7.05%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 39
Livello (cm)	(25-50)
Peso totale (g)	71.5
Frazione > 63 μm (%)	0.4
Frazione < 63 μm (%)	99.6

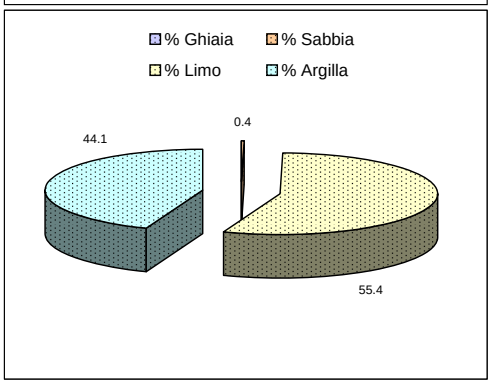
Frazione grossolana (> 63 μm) = 0.4	
% Ghiaia	% Sabbia
0.0	0.4

Frazione pelitica (< 63 μm) = 99.6	
% Limo	% Argilla
55.4	44.1

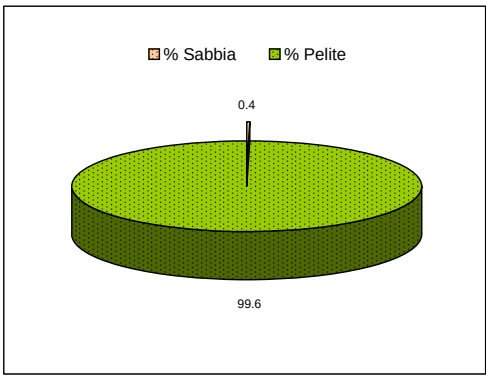
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.698
Deviazione Standard	1.685
Asimmetria (Skewness)	0.012
Appuntimento (Kurtosis)	0.872
Mediana (Φ)	7.684
Moda (Φ)	7.500

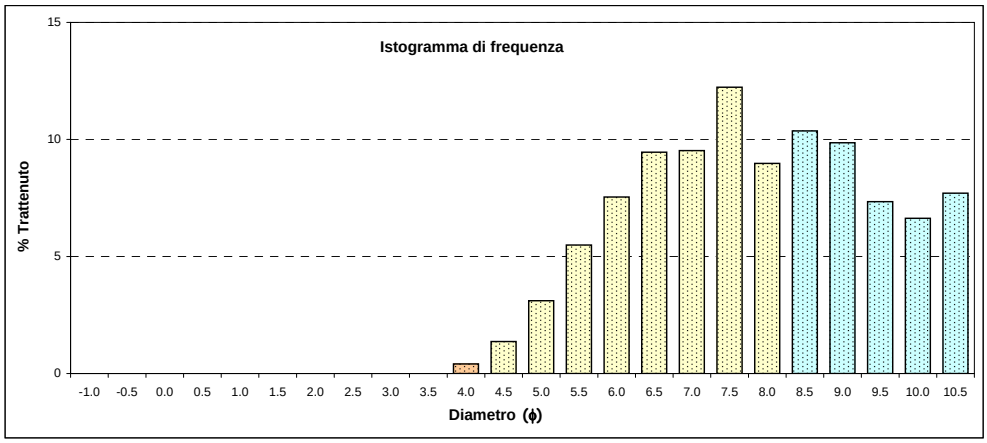
Percentili (Φ)	
5	5.070
16	5.938
25	6.441
50	7.684
75	8.927
84	9.471
95	10.362

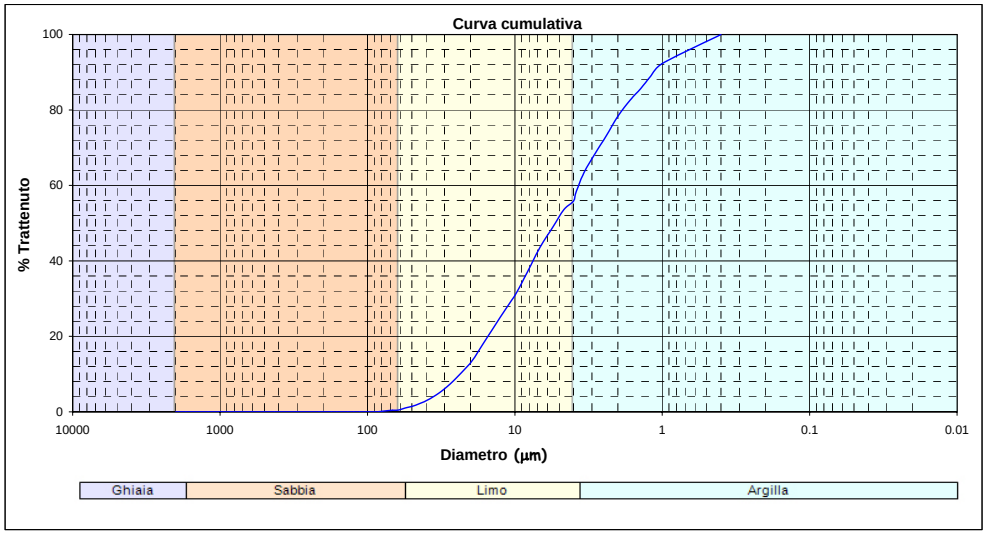
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.13%	0.13%
73	3.776		
73	3.776	0.28%	0.41%
62.5	4		
62.5	4	0.04%	0.45%
61	4.035		
61	4.035	0.53%	0.98%
51	4.293		
51	4.293	0.80%	1.77%
43	4.54		
43	4.54	1.26%	3.04%
36	4.796		
36	4.796	1.85%	4.88%
30	5.059		
30	5.059	2.48%	7.37%
25	5.322		
25	5.322	3.01%	10.37%
21	5.573		
21	5.573	3.17%	13.55%
18	5.796		
18	5.796	4.37%	17.91%
15	6.059		
15	6.059	4.76%	22.68%
12.5	6.322		
12.5	6.322	4.69%	27.37%
10.5	6.573		
10.5	6.573	4.24%	31.61%
9	6.796		
9	6.796	5.29%	36.89%
7.5	7.059		
7.5	7.059	6.74%	43.64%
6	7.381		
6	7.381	5.49%	49.12%
5	7.644		
5	7.644	4.50%	53.62%
4.3	7.861		
4.3	7.861	2.24%	55.86%
4	7.966		
4	7.966	2.24%	58.10%
3.7	8.078		
3.7	8.078	5.26%	63.36%
3.1	8.334		
3.1	8.334	5.11%	68.46%
2.6	8.587		
2.6	8.587	4.64%	73.11%
2.2	8.828		
2.2	8.828	5.21%	78.32%
1.8	9.118		
1.8	9.118	4.29%	82.61%
1.5	9.381		
1.5	9.381	3.06%	85.66%
1.3	9.587		
1.3	9.587	3.23%	88.90%
1.1	9.828		
1.1	9.828	3.40%	92.30%
0.9	10.118		
< 0,900	> 10,118	7.70%	100.00%

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 39**
Livello (cm)	**(50-75)**
Peso totale (g)	39.1
Frazione > 63 μm (%)	0.5
Frazione < 63 μm (%)	99.5

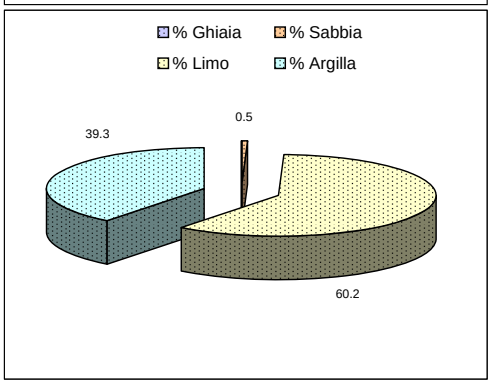
Frazione grossolana (> 63 μm) =	**0.5**
% Ghiaia	**% Sabbia**
0.0	**0.5**

Frazione pelitica (< 63 μm) =	**99.5**
% Limo	**% Argilla**
60.2	**39.3**

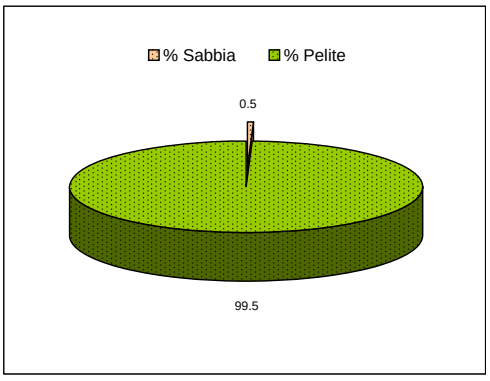
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.557
Deviazione Standard	1.587
Asimmetria (Skewness)	0.051
Appuntimento (Kurtosis)	0.944
Mediana (Φ)	7.502
Moda (Φ)	7.500

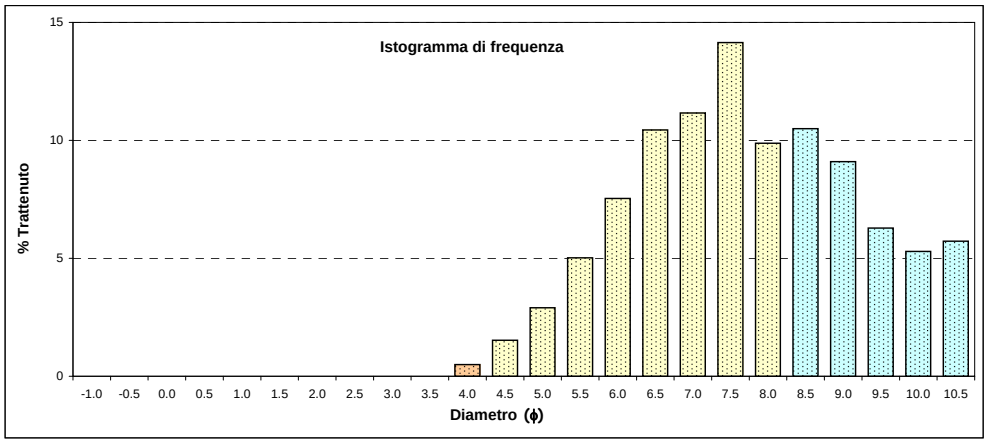
Percentili (Φ)	
5	5.067
16	5.966
25	6.429
50	7.502
75	8.659
84	9.204
95	10.201

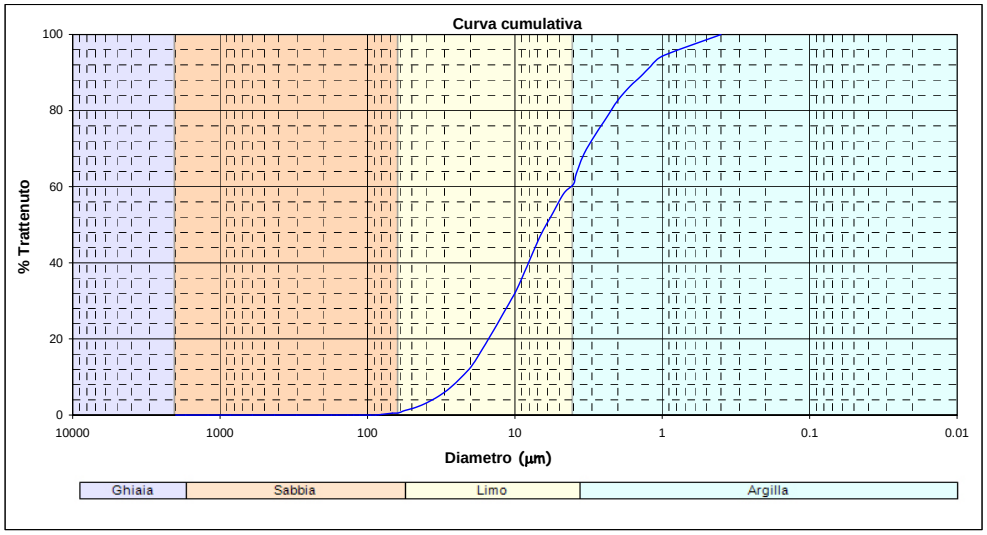
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.15%	0.15%
73	3.776		
73	3.776	0.34%	0.50%
62.5	4		
62.5	4	0.05%	0.54%
61	4.035		
61	4.035	0.63%	1.17%
51	4.293		
51	4.293	0.86%	2.02%
43	4.54		
43	4.54	1.22%	3.25%
36	4.796		
36	4.796	1.68%	4.93%
30	5.059		
30	5.059	2.23%	7.16%
25	5.322		
25	5.322	2.78%	9.95%
21	5.573		
21	5.573	3.07%	13.02%
18	5.796		
18	5.796	4.47%	17.49%
15	6.059		
15	6.059	5.14%	22.63%
12.5	6.322		
12.5	6.322	5.30%	27.93%
10.5	6.573		
10.5	6.573	4.94%	32.87%
9	6.796		
9	6.796	6.22%	39.09%
7.5	7.059		
7.5	7.059	7.86%	46.95%
6	7.381		
6	7.381	6.28%	53.24%
5	7.644		
5	7.644	5.03%	58.27%
4.3	7.861		
4.3	7.861	2.42%	60.69%
4	7.966		
4	7.966	2.42%	63.11%
3.7	8.078		
3.7	8.078	5.45%	68.57%
3.1	8.334		
3.1	8.334	5.05%	73.61%
2.6	8.587		
2.6	8.587	4.39%	78.00%
2.2	8.828		
2.2	8.828	4.71%	82.71%
1.8	9.118		
1.8	9.118	3.72%	86.43%
1.5	9.381		
1.5	9.381	2.56%	88.99%
1.3	9.587		
1.3	9.587	2.62%	91.61%
1.1	9.828		
1.1	9.828	2.67%	94.28%
0.9	10.118		
< 0,900	> 10,118	5.72%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 39**
Livello (cm)	**(75-100)**
Peso totale (g)	38.4
Frazione > 63 μm (%)	0.5
Frazione < 63 μm (%)	99.5

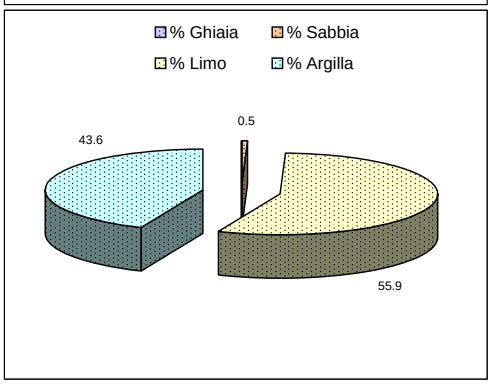
Frazione grossolana (> 63 μm) =	**0.5**
% Ghiaia	**% Sabbia**
0.0	**0.5**

Frazione pelitica (< 63 μm) =	**99.5**
% Limo	**% Argilla**
55.9	**43.6**

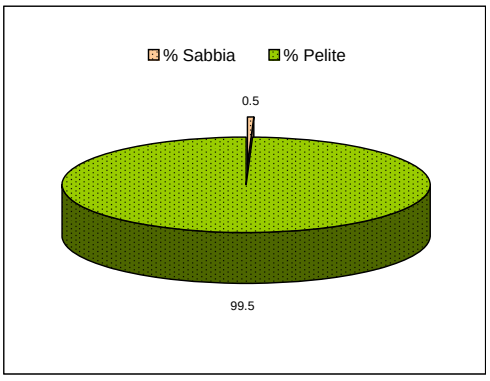
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.718
Deviazione Standard	1.622
Asimmetria (Skewness)	0.032
Appuntimento (Kurtosis)	0.902
Mediana (Φ)	7.677
Moda (Φ)	7.500

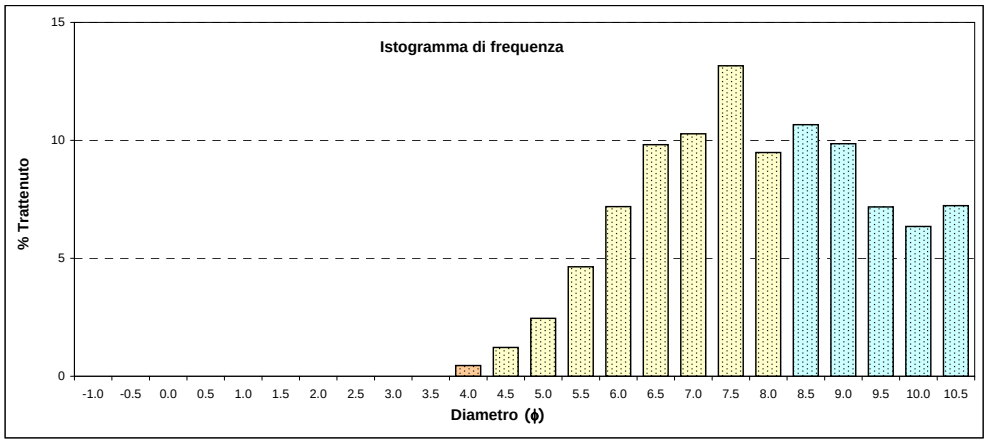
Percentili (Φ)	
5	5.165
16	6.061
25	6.531
50	7.677
75	8.877
84	9.417
95	10.331

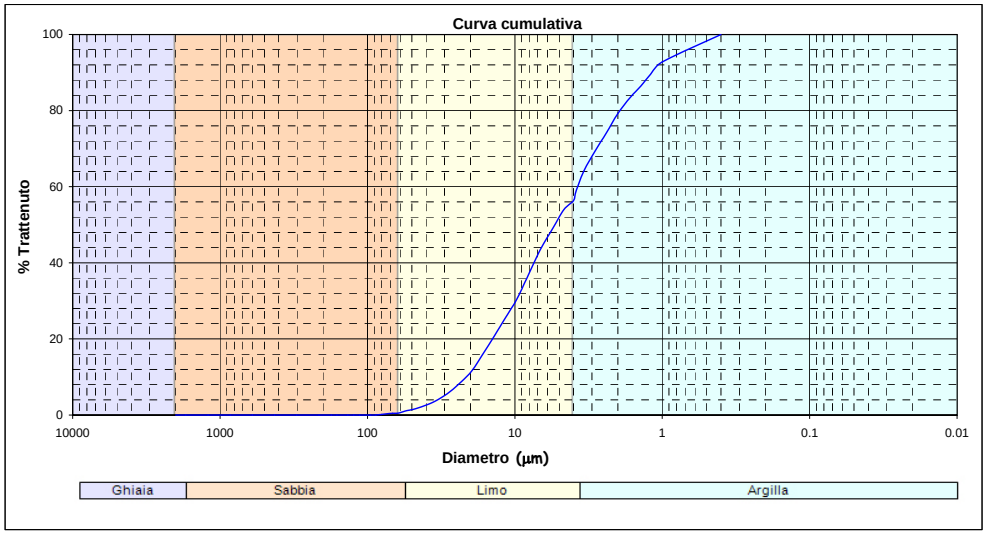
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.15%	0.15%
73	3.776		
73	3.776	0.30%	0.45%
62.5	4		
62.5	4	0.04%	0.50%
61	4.035		
61	4.035	0.51%	1.00%
51	4.293		
51	4.293	0.68%	1.68%
43	4.54		
43	4.54	1.00%	2.68%
36	4.796		
36	4.796	1.45%	4.13%
30	5.059		
30	5.059	2.03%	6.16%
25	5.322		
25	5.322	2.61%	8.77%
21	5.573		
21	5.573	2.92%	11.70%
18	5.796		
18	5.796	4.27%	15.97%
15	6.059		
15	6.059	4.87%	20.84%
12.5	6.322		
12.5	6.322	4.95%	25.78%
10.5	6.573		
10.5	6.573	4.56%	30.34%
9	6.796		
9	6.796	5.72%	36.06%
7.5	7.059		
7.5	7.059	7.28%	43.34%
6	7.381		
6	7.381	5.88%	49.22%
5	7.644		
5	7.644	4.78%	54.00%
4.3	7.861		
4.3	7.861	2.35%	56.35%
4	7.966		
4	7.966	2.35%	58.71%
3.7	8.078		
3.7	8.078	5.45%	64.16%
3.1	8.334		
3.1	8.334	5.21%	69.38%
2.6	8.587		
2.6	8.587	4.68%	74.05%
2.2	8.828		
2.2	8.828	5.18%	79.23%
1.8	9.118		
1.8	9.118	4.21%	83.44%
1.5	9.381		
1.5	9.381	2.97%	86.41%
1.3	9.587		
1.3	9.587	3.11%	89.52%
1.1	9.828		
1.1	9.828	3.24%	92.77%
0.9	10.118		
< 0,900	> 10,118	7.23%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 40
Livello (cm)	(0-25)
Peso totale (g)	14.8
Frazione > 63 μm (%)	3.0
Frazione < 63 μm (%)	97.0

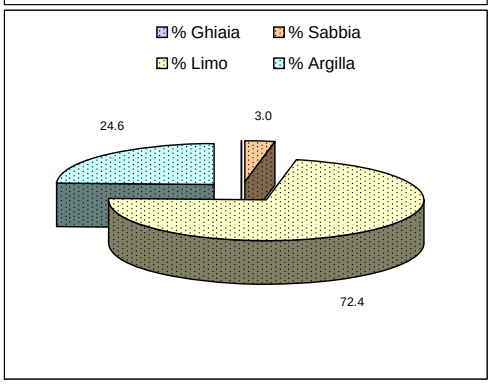
Frazione grossolana (> 63 μm) = 3.0	
% Ghiaia	% Sabbia
0.0	3.0

Frazione pelitica (< 63 μm) = 97.0	
% Limo	% Argilla
72.4	24.6

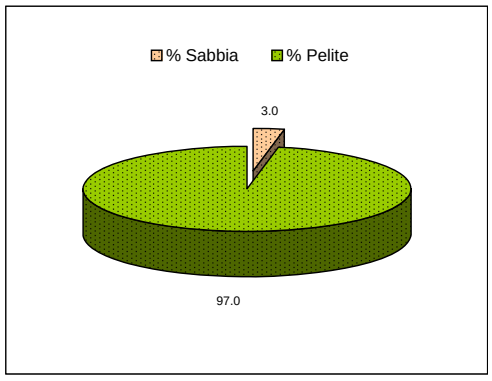
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.679
Deviazione Standard	1.756
Asimmetria (Skewness)	0.109
Appuntimento (Kurtosis)	0.884
Mediana (Φ)	6.582
Moda (Φ)	7.500

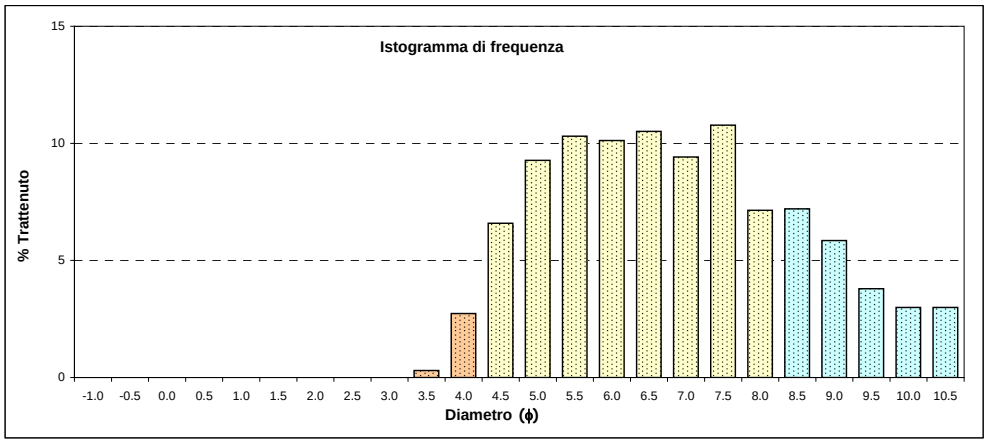
Percentili (Φ)	
5	4.187
16	4.899
25	5.364
50	6.582
75	7.939
84	8.558
95	9.740

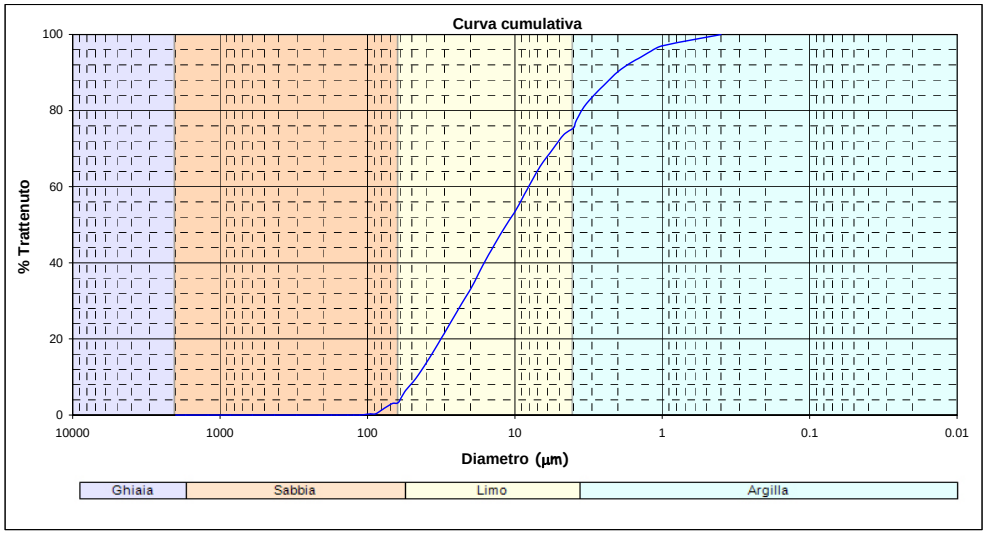
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.30%	0.30%
88.39	3.5		
88.39	3.5	0.03%	0.33%
87	3.523		
87	3.523	1.03%	1.36%
73	3.776		
73	3.776	1.67%	3.03%
62.5	4		
62.5	4	0.24%	3.27%
61	4.035		
61	4.035	2.83%	6.10%
51	4.293		
51	4.293	3.51%	9.62%
43	4.54		
43	4.54	4.35%	13.96%
36	4.796		
36	4.796	4.92%	18.89%
30	5.059		
30	5.059	5.19%	24.08%
25	5.322		
25	5.322	5.11%	29.20%
21	5.573		
21	5.573	4.60%	33.79%
18	5.796		
18	5.796	5.53%	39.32%
15	6.059		
15	6.059	5.46%	44.78%
12.5	6.322		
12.5	6.322	5.05%	49.83%
10.5	6.573		
10.5	6.573	4.33%	54.16%
9	6.796		
9	6.796	5.08%	59.25%
7.5	7.059		
7.5	7.059	6.08%	65.33%
6	7.381		
6	7.381	4.70%	70.02%
5	7.644		
5	7.644	3.68%	73.70%
4.3	7.861		
4.3	7.861	1.73%	75.43%
4	7.966		
4	7.966	1.73%	77.17%
3.7	8.078		
3.7	8.078	3.79%	80.96%
3.1	8.334		
3.1	8.334	3.41%	84.37%
2.6	8.587		
2.6	8.587	2.87%	87.24%
2.2	8.828		
2.2	8.828	2.98%	90.22%
1.8	9.118		
1.8	9.118	2.27%	92.49%
1.5	9.381		
1.5	9.381	1.52%	94.01%
1.3	9.587		
1.3	9.587	1.51%	95.52%
1.1	9.828		
1.1	9.828	1.48%	97.00%
0.9	10.118		
< 0,900	> 10,118	3.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 40
Livello (cm)	(25-50)
Peso totale (g)	16.8
Frazione > 63 μm (%)	3.8
Frazione < 63 μm (%)	96.2

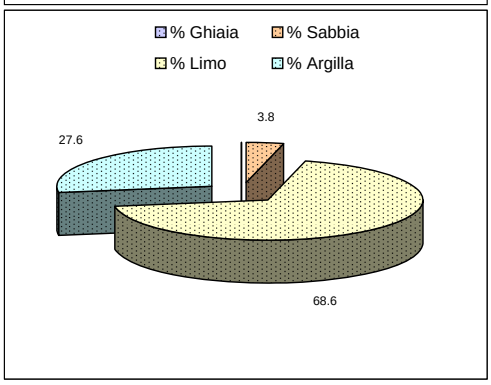
Frazione grossolana (> 63 μm) = 3.8	
% Ghiaia	% Sabbia
0.0	3.8

Frazione pelitica (< 63 μm) = 96.2	
% Limo	% Argilla
68.6	27.6

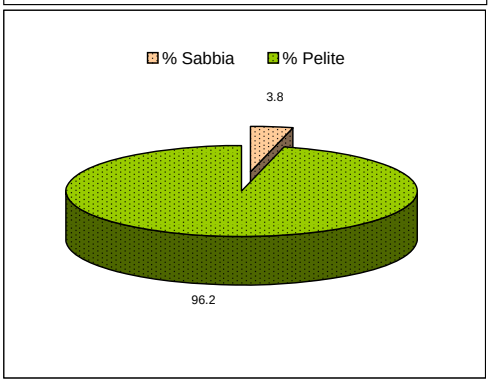
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.840
Deviazione Standard	1.787
Asimmetria (Skewness)	0.018
Appuntimento (Kurtosis)	0.905
Mediana (Φ)	6.847
Moda (Φ)	7.500

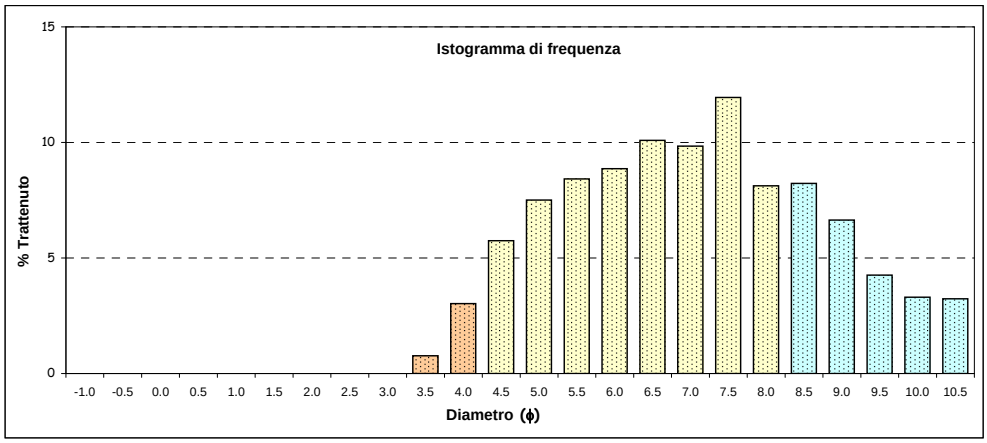
Percentili (Φ)	
5	4.127
16	4.984
25	5.543
50	6.847
75	8.114
84	8.688
95	9.807

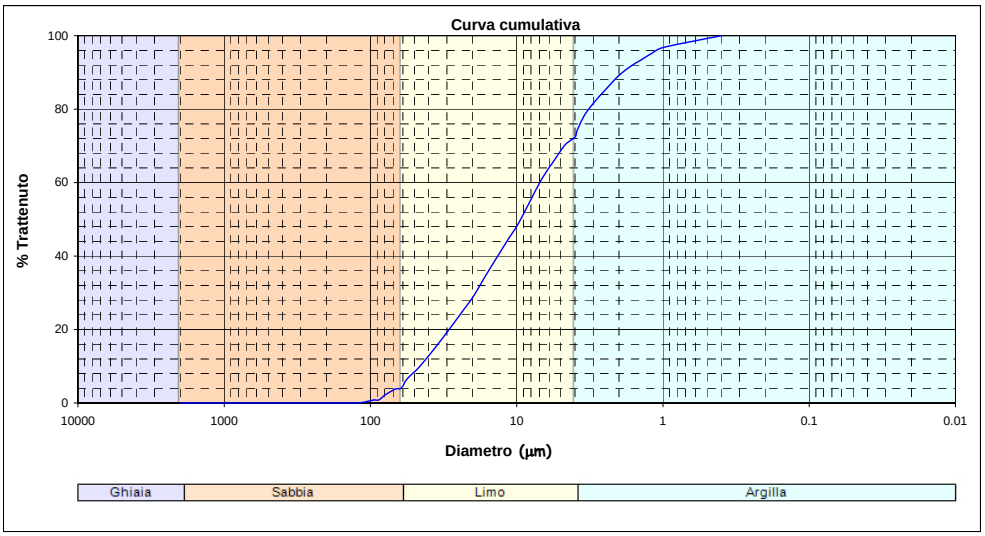
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.17%	0.17%
103	3.279		
103	3.279	0.60%	0.77%
88.39	3.5		
88.39	3.5	0.06%	0.83%
87	3.523		
87	3.523	1.28%	2.11%
73	3.776		
73	3.776	1.69%	3.80%
62.5	4		
62.5	4	0.24%	4.04%
61	4.035		
61	4.035	2.55%	6.59%
51	4.293		
51	4.293	2.96%	9.55%
43	4.54		
43	4.54	3.55%	13.10%
36	4.796		
36	4.796	3.96%	17.06%
30	5.059		
30	5.059	4.20%	21.25%
25	5.322		
25	5.322	4.22%	25.48%
21	5.573		
21	5.573	3.92%	29.40%
18	5.796		
18	5.796	4.94%	34.34%
15	6.059		
15	6.059	5.13%	39.47%
12.5	6.322		
12.5	6.322	4.96%	44.43%
10.5	6.573		
10.5	6.573	4.43%	48.86%
9	6.796		
9	6.796	5.41%	54.27%
7.5	7.059		
7.5	7.059	6.68%	60.95%
6	7.381		
6	7.381	5.27%	66.22%
5	7.644		
5	7.644	4.17%	70.39%
4.3	7.861		
4.3	7.861	1.98%	72.37%
4	7.966		
4	7.966	1.98%	74.34%
3.7	8.078		
3.7	8.078	4.34%	78.68%
3.1	8.334		
3.1	8.334	3.89%	82.57%
2.6	8.587		
2.6	8.587	3.27%	85.84%
2.2	8.828		
2.2	8.828	3.37%	89.21%
1.8	9.118		
1.8	9.118	2.56%	91.76%
1.5	9.381		
1.5	9.381	1.70%	93.46%
1.3	9.587		
1.3	9.587	1.67%	95.14%
1.1	9.828		
1.1	9.828	1.63%	96.76%
0.9	10.118		
< 0,900	> 10,118	3.24%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 40
Livello (cm)	(50-75)
Peso totale (g)	19.6
Frazione > 63 μm (%)	6.3
Frazione < 63 μm (%)	93.7

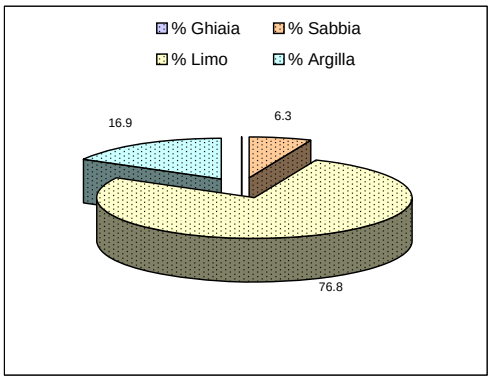
Frazione grossolana (> 63 μm) = 6.3	
% Ghiaia	% Sabbia
0.0	6.3

Frazione pelitica (< 63 μm) = 93.7	
% Limo	% Argilla
76.8	16.9

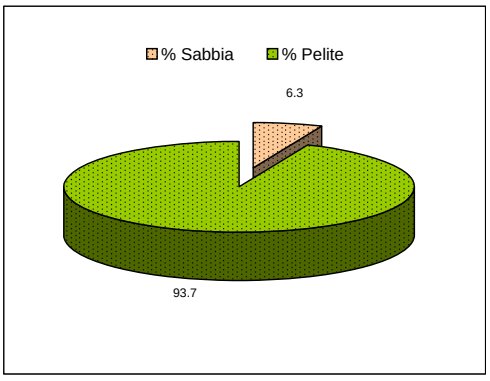
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.114
Deviazione Standard	1.735
Asimmetria (Skewness)	0.267
Appuntimento (Kurtosis)	0.900
Mediana (Φ)	5.835
Moda (Φ)	5.000

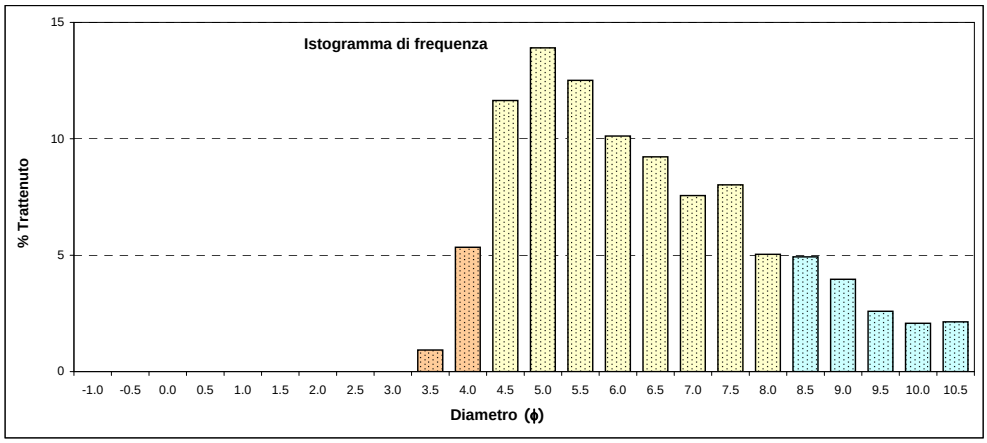
Percentili (Φ)	
5	3.907
16	4.457
25	4.803
50	5.835
75	7.317
84	8.050
95	9.429

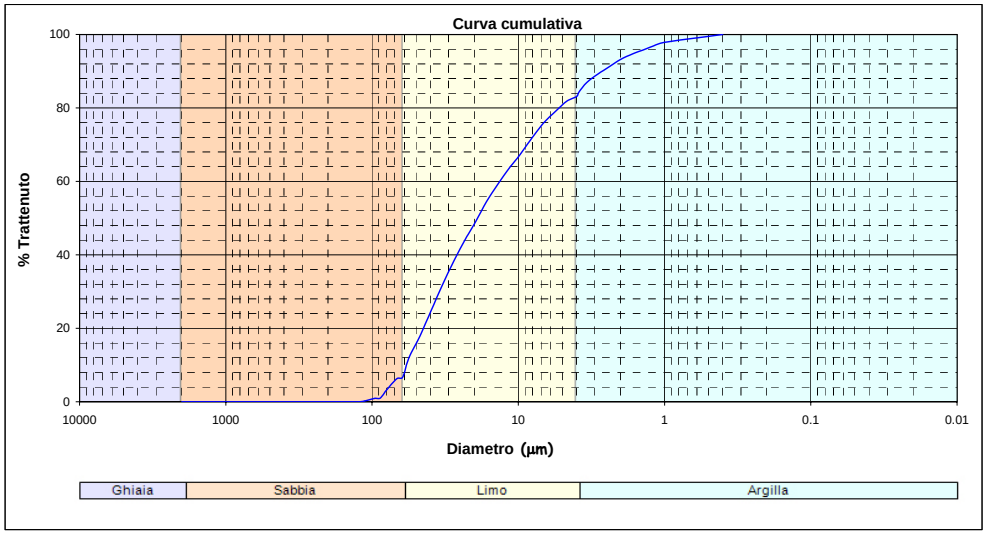
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.16%	0.16%
103	3.279		
103	3.279	0.77%	0.93%
88.39	3.5		
88.39	3.5	0.07%	1.00%
87	3.523		
87	3.523	2.07%	3.07%
73	3.776		
73	3.776	3.20%	6.27%
62.5	4		
62.5	4	0.46%	6.72%
61	4.035		
61	4.035	5.17%	11.90%
51	4.293		
51	4.293	6.02%	17.91%
43	4.54		
43	4.54	6.87%	24.78%
36	4.796		
36	4.796	7.04%	31.82%
30	5.059		
30	5.059	6.65%	38.47%
25	5.322		
25	5.322	5.87%	44.33%
21	5.573		
21	5.573	4.81%	49.14%
18	5.796		
18	5.796	5.31%	54.46%
15	6.059		
15	6.059	4.91%	59.37%
12.5	6.322		
12.5	6.322	4.32%	63.68%
10.5	6.573		
10.5	6.573	3.56%	67.24%
9	6.796		
9	6.796	4.00%	71.24%
7.5	7.059		
7.5	7.059	4.59%	75.83%
6	7.381		
6	7.381	3.43%	79.26%
5	7.644		
5	7.644	2.62%	81.88%
4.3	7.861		
4.3	7.861	1.21%	83.09%
4	7.966		
4	7.966	1.21%	84.30%
3.7	8.078		
3.7	8.078	2.61%	86.91%
3.1	8.334		
3.1	8.334	2.32%	89.23%
2.6	8.587		
2.6	8.587	1.95%	91.18%
2.2	8.828		
2.2	8.828	2.02%	93.20%
1.8	9.118		
1.8	9.118	1.55%	94.75%
1.5	9.381		
1.5	9.381	1.04%	95.79%
1.3	9.587		
1.3	9.587	1.04%	96.83%
1.1	9.828		
1.1	9.828	1.03%	97.87%
0.9	10.118		
< 0,900	> 10,118	2.13%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 40
Livello (cm)	(75-100)
Peso totale (g)	31.2
Frazione > 63 µm (%)	18.9
Frazione < 63 µm (%)	81.1

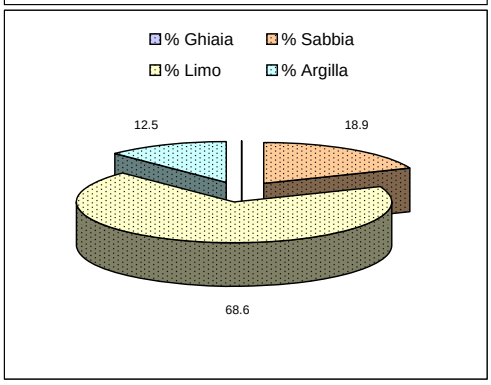
Frazione grossolana (> 63 µm) = 18.9	
% Ghiaia	% Sabbia
0.0	18.9

Frazione pelitica (< 63 µm) = 81.1	
% Limo	% Argilla
68.6	12.5

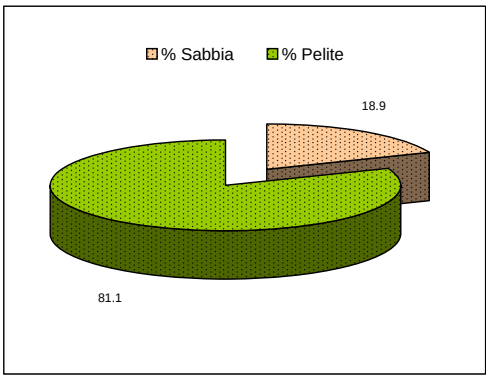
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.630
Deviazione Standard	1.856
Asimmetria (Skewness)	0.189
Appuntimento (Kurtosis)	1.031
Mediana (Φ)	5.449
Moda (Φ)	5.000

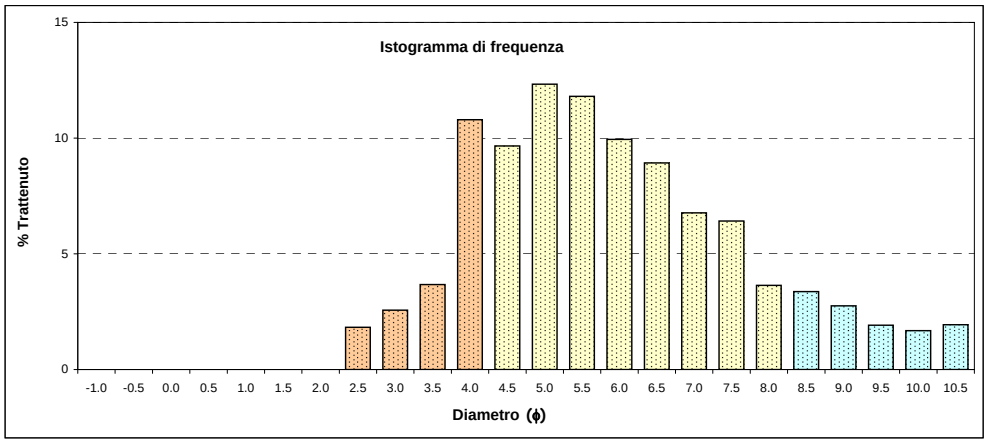
Percentili (Φ)	
5	3.084
16	3.873
25	4.364
50	5.449
75	6.810
84	7.568
95	9.236

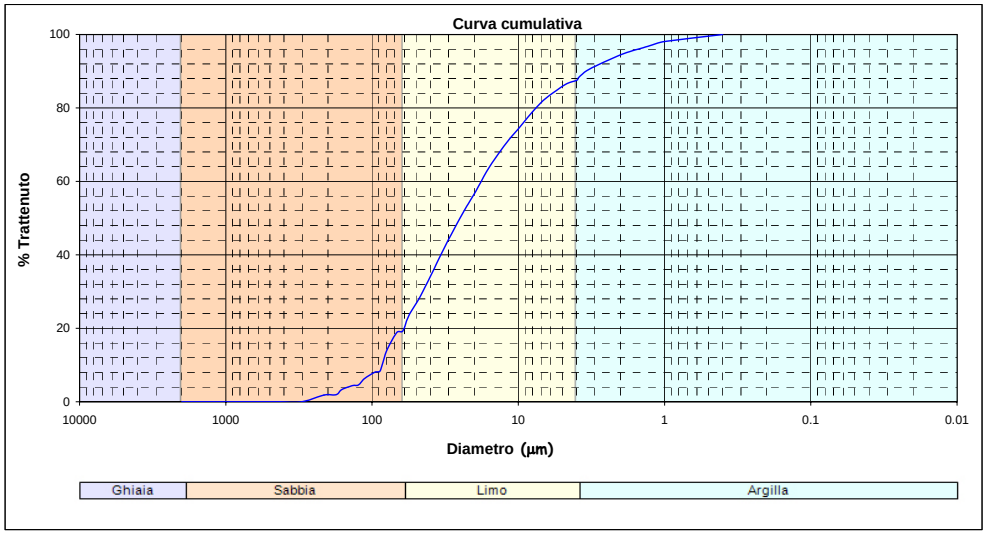
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.83%	1.83%
176.78	2.5		
176.78	2.5	0.09%	1.92%
175	2.515		
175	2.515	1.39%	3.30%
147	2.766		
147	2.766	1.09%	4.40%
125	3		
125	3	0.16%	4.56%
123	3.023		
123	3.023	1.74%	6.30%
103	3.279		
103	3.279	1.77%	8.07%
88.39	3.5		
88.39	3.5	0.41%	8.48%
87	3.523		
87	3.523	5.17%	13.65%
73	3.776		
73	3.776	5.21%	18.87%
62.5	4		
62.5	4	0.36%	19.23%
61	4.035		
61	4.035	4.22%	23.45%
51	4.293		
51	4.293	5.08%	28.53%
43	4.54		
43	4.54	5.98%	34.51%
36	4.796		
36	4.796	6.34%	40.85%
30	5.059		
30	5.059	6.18%	47.04%
25	5.322		
25	5.322	5.62%	52.65%
21	5.573		
21	5.573	4.70%	57.35%
18	5.796		
18	5.796	5.24%	62.60%
15	6.059		
15	6.059	4.81%	67.40%
12.5	6.322		
12.5	6.322	4.12%	71.53%
10.5	6.573		
10.5	6.573	3.27%	74.80%
9	6.796		
9	6.796	3.50%	78.30%
7.5	7.059		
7.5	7.059	3.76%	82.06%
6	7.381		
6	7.381	2.65%	84.71%
5	7.644		
5	7.644	1.93%	86.64%
4.3	7.861		
4.3	7.861	0.86%	87.50%
4	7.966		
4	7.966	0.86%	88.35%
3.7	8.078		
3.7	8.078	1.79%	90.14%
3.1	8.334		
3.1	8.334	1.57%	91.72%
2.6	8.587		
2.6	8.587	1.33%	93.05%
2.2	8.828		
2.2	8.828	1.42%	94.47%
1.8	9.118		
1.8	9.118	1.13%	95.59%
1.5	9.381		
1.5	9.381	0.79%	96.38%
1.3	9.587		
1.3	9.587	0.82%	97.20%
1.1	9.828		
1.1	9.828	0.86%	98.06%
0.9	10.118		
< 0,900	> 10,118	1.94%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 41
Livello (cm)	(0-25)
Peso totale (g)	24.3
Frazione > 63 μm (%)	16.7
Frazione < 63 μm (%)	83.3

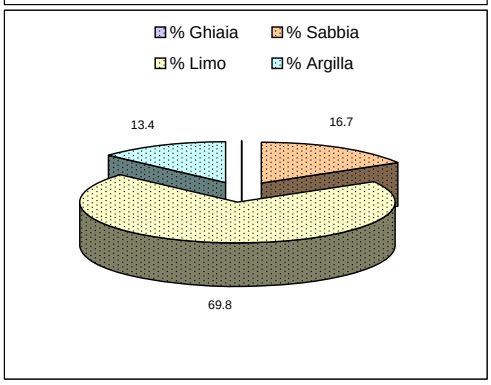
Frazione grossolana (> 63 μm) = 16.7	
% Ghiaia	% Sabbia
0.0	16.7

Frazione pelitica (< 63 μm) = 83.3	
% Limo	% Argilla
69.8	13.4

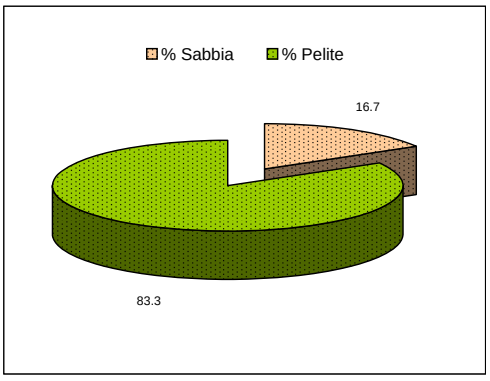
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.772
Deviazione Standard	1.873
Asimmetria (Skewness)	0.119
Appuntimento (Kurtosis)	1.069
Mediana (Φ)	5.687
Moda (Φ)	5.500

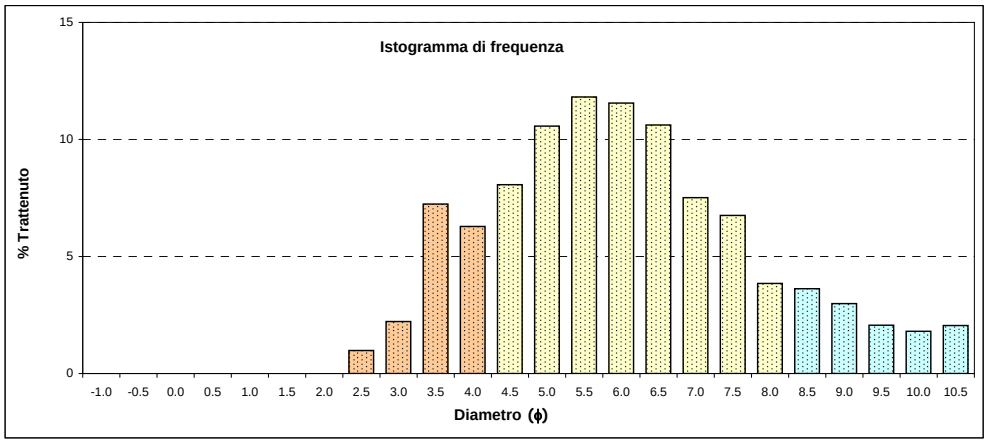
Percentili (Φ)	
5	3.118
16	3.946
25	4.549
50	5.687
75	6.924
84	7.682
95	9.312

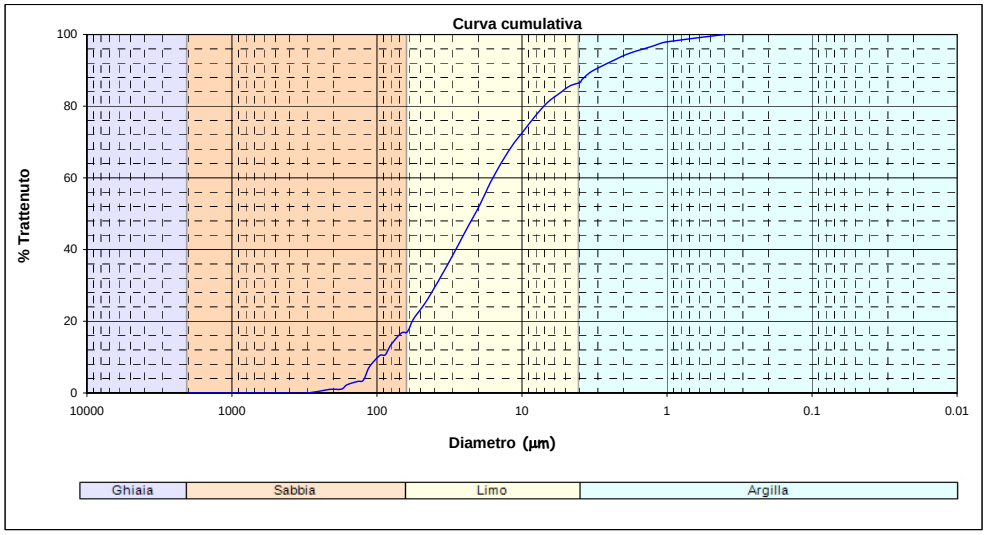
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.99%	0.99%
176.78	2.5		
176.78	2.5	0.08%	1.06%
175	2.515		
175	2.515	1.20%	2.27%
147	2.766		
147	2.766	0.94%	3.21%
125	3		
125	3	0.36%	3.56%
123	3.023		
123	3.023	3.69%	7.25%
103	3.279		
103	3.279	3.20%	10.45%
88.39	3.5		
88.39	3.5	0.19%	10.64%
87	3.523		
87	3.523	2.85%	13.50%
73	3.776		
73	3.776	3.24%	16.73%
62.5	4		
62.5	4	0.32%	17.05%
61	4.035		
61	4.035	3.56%	20.61%
51	4.293		
51	4.293	4.19%	24.80%
43	4.54		
43	4.54	5.00%	29.80%
36	4.796		
36	4.796	5.57%	35.37%
30	5.059		
30	5.059	5.91%	41.29%
25	5.322		
25	5.322	5.90%	47.19%
21	5.573		
21	5.573	5.32%	52.51%
18	5.796		
18	5.796	6.23%	58.74%
15	6.059		
15	6.059	5.77%	64.51%
12.5	6.322		
12.5	6.322	4.85%	69.35%
10.5	6.573		
10.5	6.573	3.71%	73.06%
9	6.796		
9	6.796	3.80%	76.86%
7.5	7.059		
7.5	7.059	3.98%	80.84%
6	7.381		
6	7.381	2.78%	83.62%
5	7.644		
5	7.644	2.03%	85.65%
4.3	7.861		
4.3	7.861	0.91%	86.56%
4	7.966		
4	7.966	0.91%	87.47%
3.7	8.078		
3.7	8.078	1.92%	89.39%
3.1	8.334		
3.1	8.334	1.70%	91.09%
2.6	8.587		
2.6	8.587	1.45%	92.54%
2.2	8.828		
2.2	8.828	1.54%	94.08%
1.8	9.118		
1.8	9.118	1.22%	95.30%
1.5	9.381		
1.5	9.381	0.85%	96.14%
1.3	9.587		
1.3	9.587	0.88%	97.03%
1.1	9.828		
1.1	9.828	0.92%	97.95%
0.9	10.118		
< 0,900	> 10,118	2.05%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 41
Livello (cm)	(25-50)
Peso totale (g)	27.4
Frazione > 63 μm (%)	13.3
Frazione < 63 μm (%)	86.7

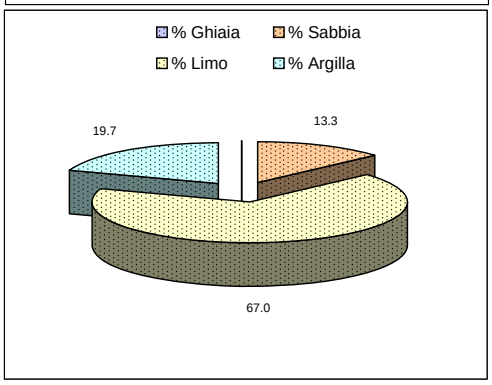
Frazione grossolana (> 63 μm) = 13.3	
% Ghiaia	% Sabbia
0.0	13.3

Frazione pelitica (< 63 μm) = 86.7	
% Limo	% Argilla
67.0	19.7

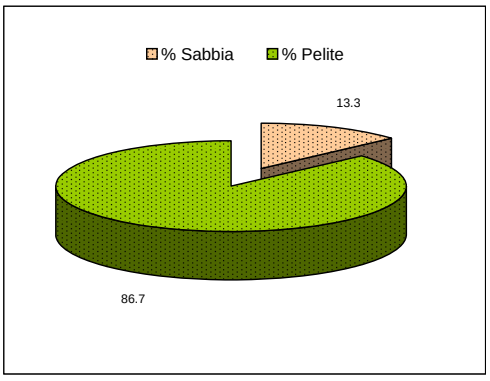
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.240
Deviazione Standard	1.987
Asimmetria (Skewness)	0.093
Appuntimento (Kurtosis)	1.017
Mediana (Φ)	6.122
Moda (Φ)	6.000

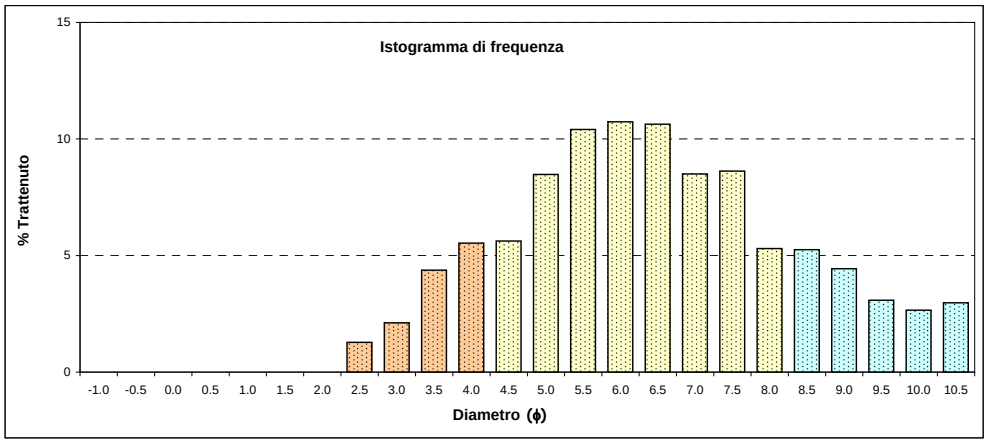
Percentili (Φ)	
5	3.177
16	4.301
25	4.916
50	6.122
75	7.544
84	8.298
95	9.699

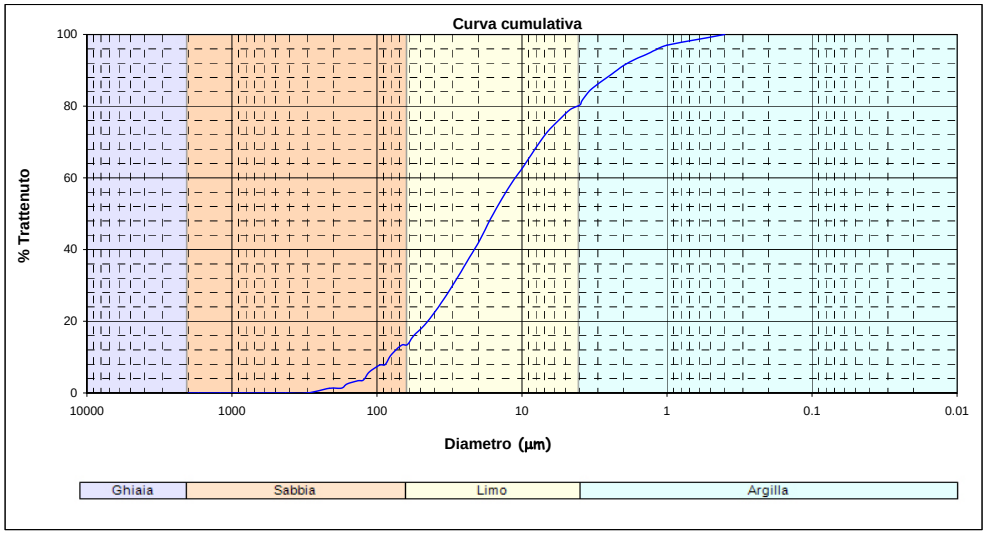
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.28%	1.28%
176.78	2.5		
176.78	2.5	0.07%	1.35%
175	2.515		
175	2.515	1.14%	2.49%
147	2.766		
147	2.766	0.90%	3.39%
125	3		
125	3	0.22%	3.61%
123	3.023		
123	3.023	2.23%	5.85%
103	3.279		
103	3.279	1.91%	7.76%
88.39	3.5		
88.39	3.5	0.20%	7.96%
87	3.523		
87	3.523	2.62%	10.58%
73	3.776		
73	3.776	2.71%	13.30%
62.5	4		
62.5	4	0.20%	13.50%
61	4.035		
61	4.035	2.40%	15.90%
51	4.293		
51	4.293	3.02%	18.92%
43	4.54		
43	4.54	3.87%	22.79%
36	4.796		
36	4.796	4.61%	27.40%
30	5.059		
30	5.059	5.13%	32.52%
25	5.322		
25	5.322	5.28%	37.81%
21	5.573		
21	5.573	4.87%	42.68%
18	5.796		
18	5.796	5.87%	48.55%
15	6.059		
15	6.059	5.65%	54.19%
12.5	6.322		
12.5	6.322	4.99%	59.19%
10.5	6.573		
10.5	6.573	4.05%	63.23%
9	6.796		
9	6.796	4.45%	67.68%
7.5	7.059		
7.5	7.059	4.97%	72.66%
6	7.381		
6	7.381	3.65%	76.30%
5	7.644		
5	7.644	2.76%	79.06%
4.3	7.861		
4.3	7.861	1.27%	80.33%
4	7.966		
4	7.966	1.27%	81.60%
3.7	8.078		
3.7	8.078	2.76%	84.36%
3.1	8.334		
3.1	8.334	2.49%	86.85%
2.6	8.587		
2.6	8.587	2.14%	88.99%
2.2	8.828		
2.2	8.828	2.29%	91.28%
1.8	9.118		
1.8	9.118	1.82%	93.10%
1.5	9.381		
1.5	9.381	1.26%	94.37%
1.3	9.587		
1.3	9.587	1.31%	95.67%
1.1	9.828		
1.1	9.828	1.35%	97.02%
0.9	10.118		
< 0,900	> 10,118	2.98%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 41**
Livello (cm)	**(50-75)**
Peso totale (g)	49.8
Frazione > 63 μm (%)	15.5
Frazione < 63 μm (%)	84.5

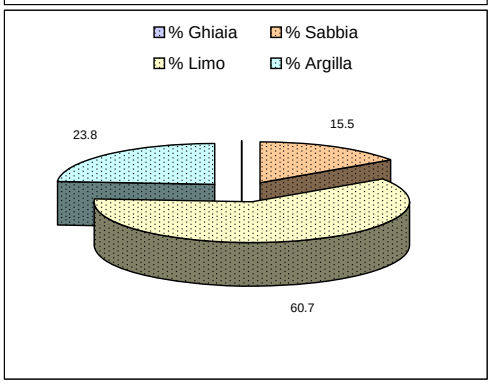
Frazione grossolana (> 63 μm) =	**15.5**
% Ghiaia	**% Sabbia**
0.0	**15.5**

Frazione pelitica (< 63 μm) =	**84.5**
% Limo	**% Argilla**
60.7	**23.8**

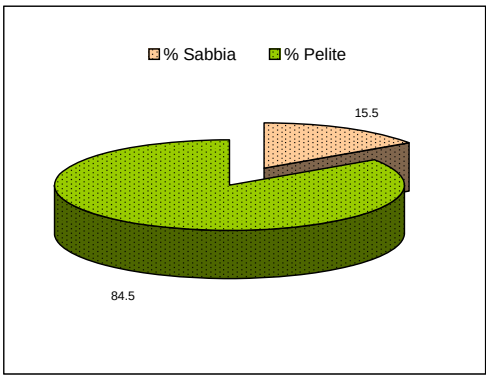
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.362
Deviazione Standard	2.186
Asimmetria (Skewness)	-0.020
Appuntimento (Kurtosis)	1.008
Mediana (Φ)	6.403
Moda (Φ)	6.500

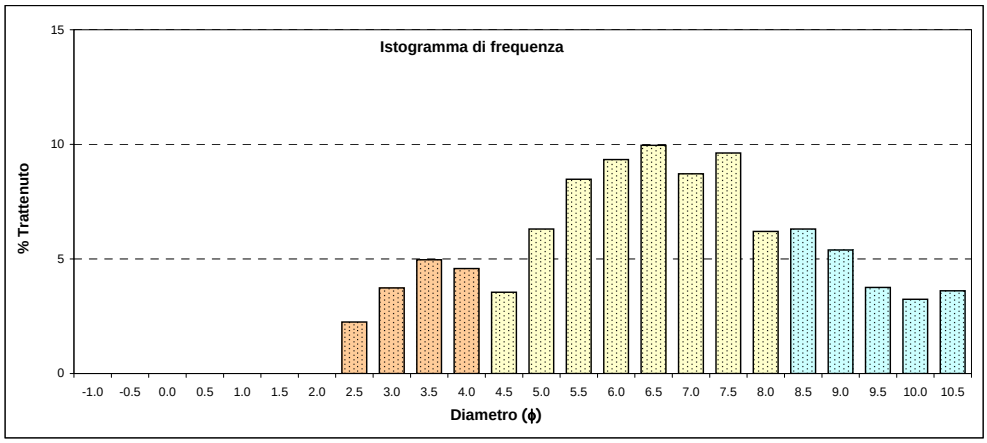
Percentili (Φ)	
5	2.850
16	4.097
25	5.028
50	6.403
75	7.882
84	8.588
95	9.869

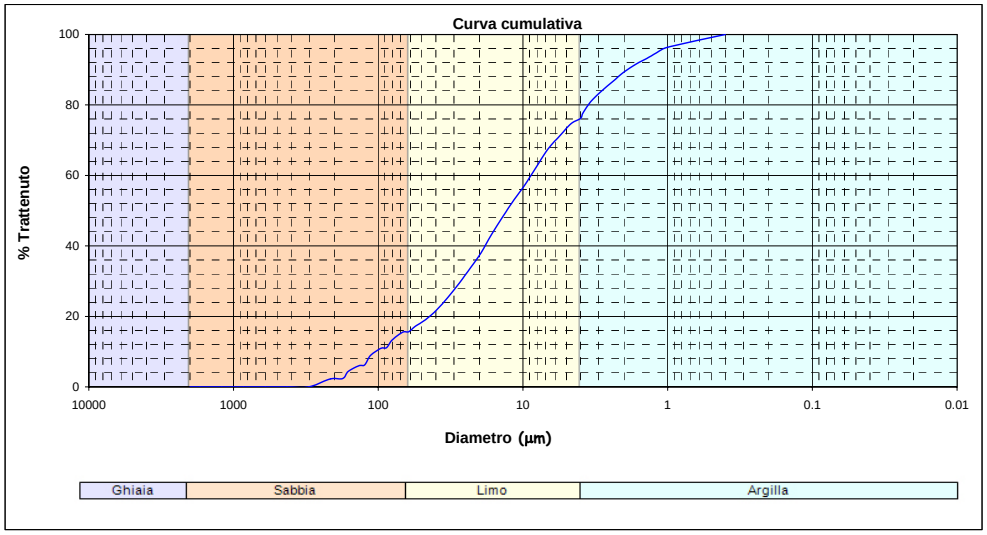
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.25%	2.25%
176.78	2.5		
176.78	2.5	0.13%	2.38%
175	2.515		
175	2.515	2.02%	4.40%
147	2.766		
147	2.766	1.59%	5.98%
125	3		
125	3	0.27%	6.26%
123	3.023		
123	3.023	2.71%	8.97%
103	3.279		
103	3.279	1.98%	10.95%
88.39	3.5		
88.39	3.5	0.19%	11.13%
87	3.523		
87	3.523	2.23%	13.37%
73	3.776		
73	3.776	2.16%	15.52%
62.5	4		
62.5	4	0.11%	15.63%
61	4.035		
61	4.035	1.44%	17.07%
51	4.293		
51	4.293	2.01%	19.07%
43	4.54		
43	4.54	2.78%	21.86%
36	4.796		
36	4.796	3.52%	25.38%
30	5.059		
30	5.059	4.10%	29.48%
25	5.322		
25	5.322	4.38%	33.85%
21	5.573		
21	5.573	4.16%	38.01%
18	5.796		
18	5.796	5.18%	43.19%
15	6.059		
15	6.059	5.19%	48.38%
12.5	6.322		
12.5	6.322	4.77%	53.15%
10.5	6.573		
10.5	6.573	4.05%	57.20%
9	6.796		
9	6.796	4.67%	61.87%
7.5	7.059		
7.5	7.059	5.47%	67.34%
6	7.381		
6	7.381	4.15%	71.49%
5	7.644		
5	7.644	3.20%	74.69%
4.3	7.861		
4.3	7.861	1.50%	76.19%
4	7.966		
4	7.966	1.50%	77.69%
3.7	8.078		
3.7	8.078	3.30%	80.99%
3.1	8.334		
3.1	8.334	3.01%	84.00%
2.6	8.587		
2.6	8.587	2.60%	86.60%
2.2	8.828		
2.2	8.828	2.79%	89.39%
1.8	9.118		
1.8	9.118	2.22%	91.61%
1.5	9.381		
1.5	9.381	1.54%	93.15%
1.3	9.587		
1.3	9.587	1.59%	94.75%
1.1	9.828		
1.1	9.828	1.64%	96.39%
0.9	10.118		
< 0,900	> 10,118	3.61%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 41
Livello (cm)	(75-100)
Peso totale (g)	
Frazione > 63 µm (%)	20.3
Frazione < 63 µm (%)	79.7

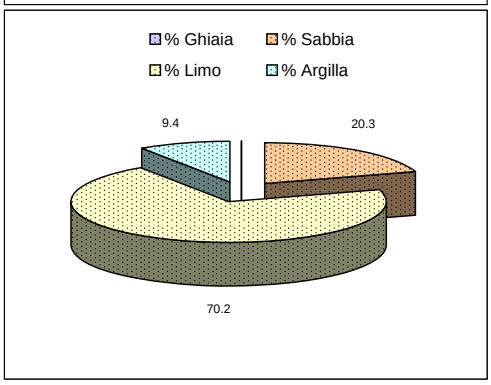
Frazione grossolana (> 63 µm) = 20.3	
% Ghiaia	% Sabbia
0.0	20.3

Frazione pelitica (< 63 µm) = 79.7	
% Limo	% Argilla
70.2	9.4

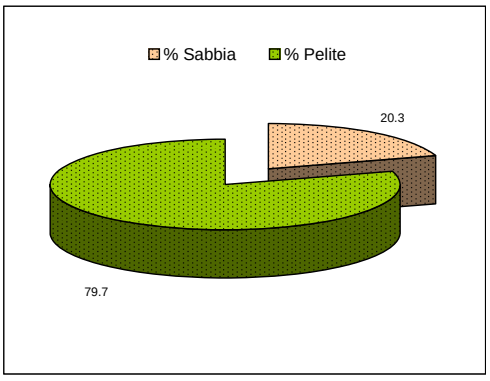
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.373
Deviazione Standard	1.759
Asimmetria (Skewness)	0.206
Appuntimento (Kurtosis)	1.149
Mediana (Φ)	5.159
Moda (Φ)	5.000

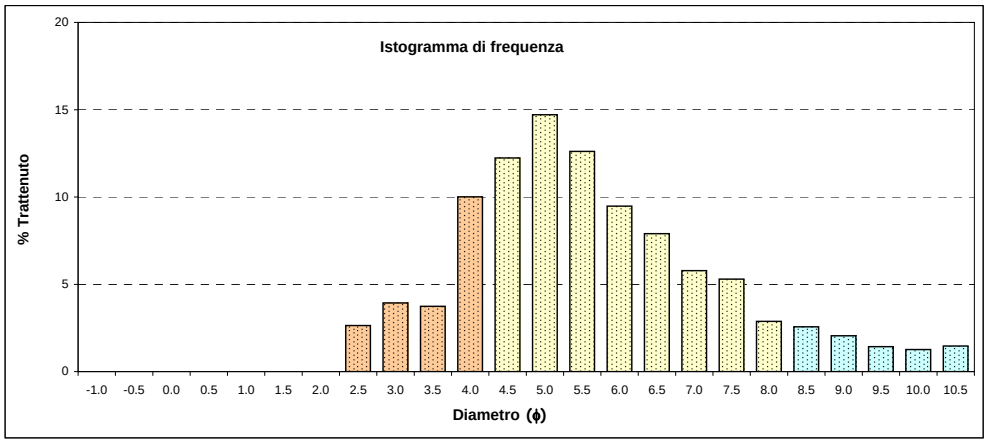
Percentili (Φ)	
5	2.779
16	3.810
25	4.234
50	5.159
75	6.410
84	7.149
95	8.882

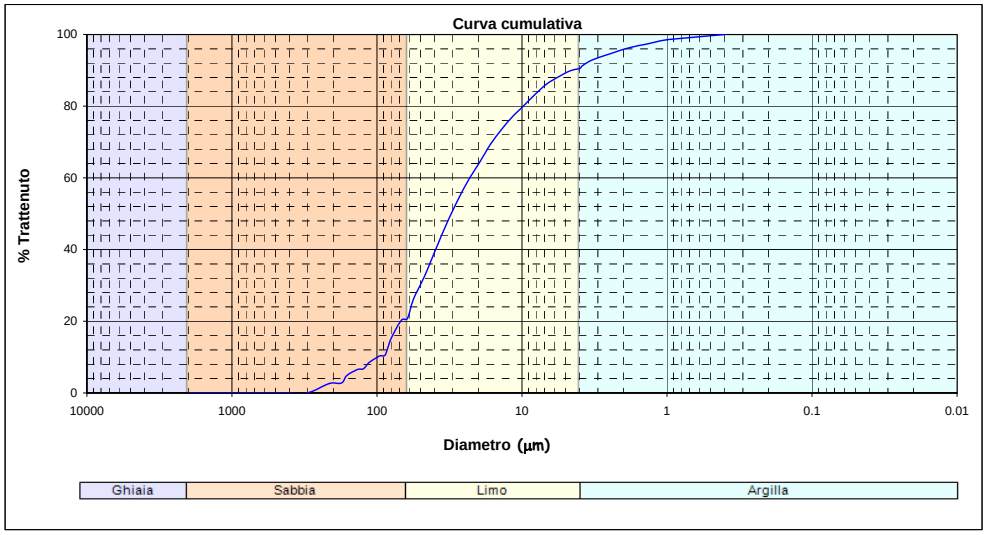
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	2.64%	2.64%
176.78	2.5		
176.78	2.5	0.14%	2.77%
175	2.515		
175	2.515	2.13%	4.90%
147	2.766		
147	2.766	1.67%	6.57%
125	3		
125	3	0.17%	6.75%
123	3.023		
123	3.023	1.76%	8.51%
103	3.279		
103	3.279	1.81%	10.31%
88.39	3.5		
88.39	3.5	0.32%	10.63%
87	3.523		
87	3.523	4.52%	15.16%
73	3.776		
73	3.776	5.17%	20.32%
62.5	4		
62.5	4	0.45%	20.77%
61	4.035		
61	4.035	5.38%	26.16%
51	4.293		
51	4.293	6.41%	32.56%
43	4.54		
43	4.54	7.32%	39.88%
36	4.796		
36	4.796	7.39%	47.27%
30	5.059		
30	5.059	6.80%	54.07%
25	5.322		
25	5.322	5.81%	59.88%
21	5.573		
21	5.573	4.60%	64.49%
18	5.796		
18	5.796	4.88%	69.37%
15	6.059		
15	6.059	4.30%	73.66%
12.5	6.322		
12.5	6.322	3.60%	77.26%
10.5	6.573		
10.5	6.573	2.82%	80.08%
9	6.796		
9	6.796	2.97%	83.05%
7.5	7.059		
7.5	7.059	3.14%	86.19%
6	7.381		
6	7.381	2.16%	88.35%
5	7.644		
5	7.644	1.54%	89.89%
4.3	7.861		
4.3	7.861	0.67%	90.56%
4	7.966		
4	7.966	0.67%	91.23%
3.7	8.078		
3.7	8.078	1.37%	92.60%
3.1	8.334		
3.1	8.334	1.19%	93.79%
2.6	8.587		
2.6	8.587	1.00%	94.79%
2.2	8.828		
2.2	8.828	1.06%	95.84%
1.8	9.118		
1.8	9.118	0.84%	96.68%
1.5	9.381		
1.5	9.381	0.59%	97.27%
1.3	9.587		
1.3	9.587	0.62%	97.89%
1.1	9.828		
1.1	9.828	0.65%	98.53%
0.9	10.118		
< 0,900	> 10,118	1.47%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 41**
Livello (cm)	**(100-125)**
Peso totale (g)	59.2
Frazione > 63 μm (%)	57.9
Frazione < 63 μm (%)	42.1

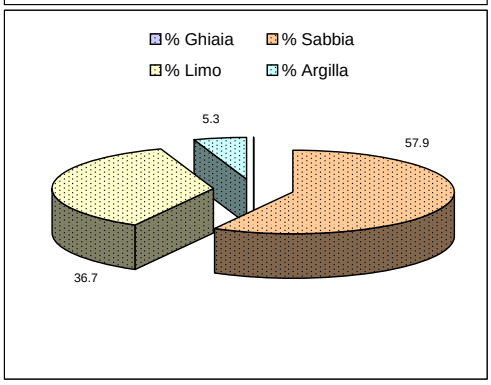
Frazione grossolana (> 63 μm) =	**57.9**
% Ghiaia	**% Sabbia**
0.0	**57.9**

Frazione pelitica (< 63 μm) =	**42.1**
% Limo	**% Argilla**
36.7	**5.3**

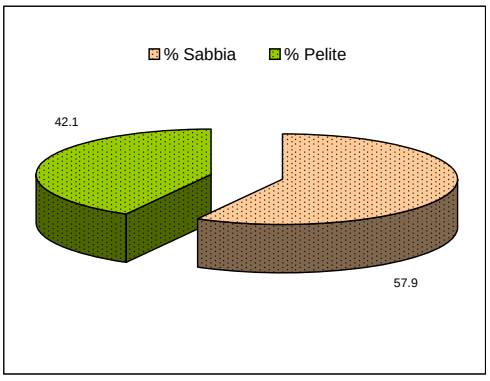
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.247
Deviazione Standard	1.759
Asimmetria (Skewness)	0.430
Appuntimento (Kurtosis)	1.034
Mediana (Φ)	3.774
Moda (Φ)	4.000

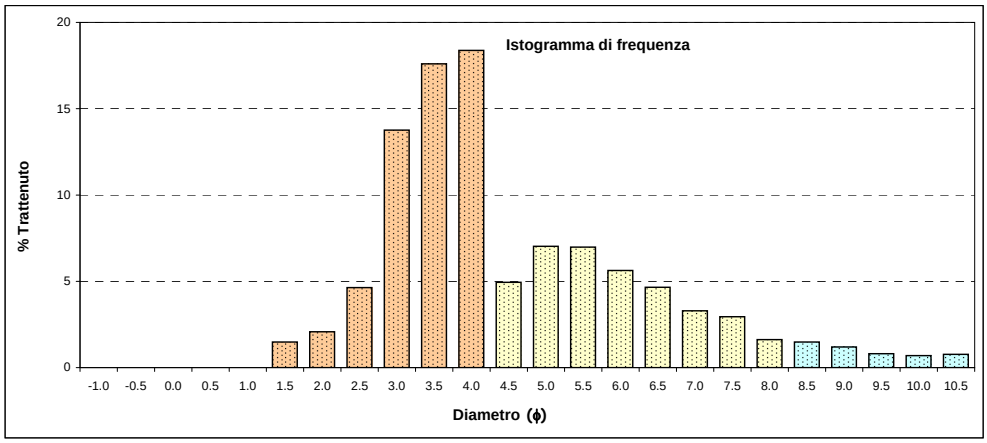
Percentili (Φ)	
5	2.137
16	2.762
25	3.076
50	3.774
75	5.425
84	6.205
95	8.065

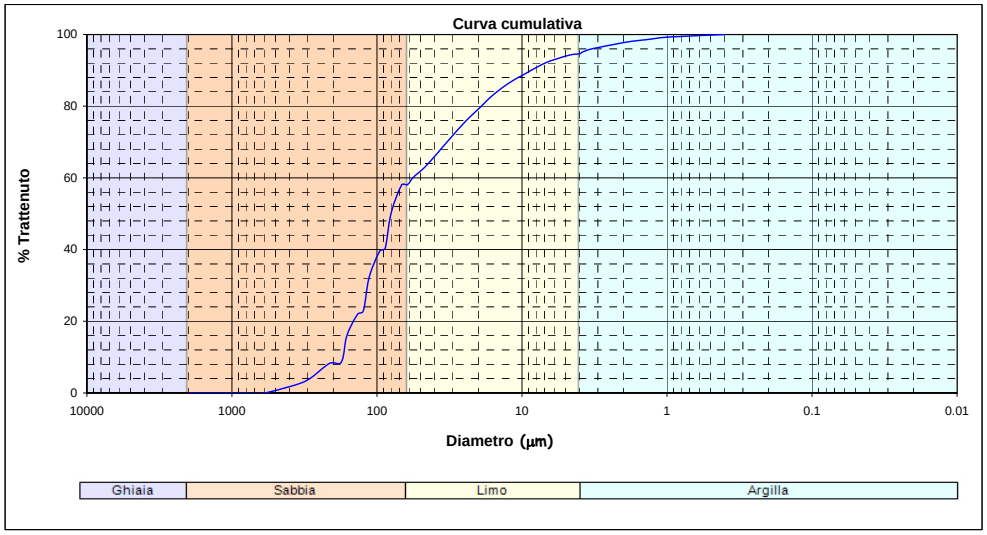
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.49%	1.49%
353.55	1.5		
353.55	1.5	2.08%	3.57%
250	2		
250	2	4.63%	8.20%
176.78	2.5		
176.78	2.5	0.47%	8.67%
175	2.515		
175	2.515	7.44%	16.11%
147	2.766		
147	2.766	5.85%	21.96%
125	3		
125	3	0.95%	22.91%
123	3.023		
123	3.023	9.53%	32.43%
103	3.279		
103	3.279	7.12%	39.56%
88.39	3.5		
88.39	3.5	0.91%	40.47%
87	3.523		
87	3.523	9.60%	50.07%
73	3.776		
73	3.776	7.87%	57.94%
62.5	4		
62.5	4	0.16%	58.10%
61	4.035		
61	4.035	2.09%	60.19%
51	4.293		
51	4.293	2.69%	62.88%
43	4.54		
43	4.54	3.35%	66.23%
36	4.796		
36	4.796	3.68%	69.91%
30	5.059		
30	5.059	3.66%	73.58%
25	5.322		
25	5.322	3.32%	76.89%
21	5.573		
21	5.573	2.72%	79.61%
18	5.796		
18	5.796	2.91%	82.52%
15	6.059		
15	6.059	2.55%	85.07%
12.5	6.322		
12.5	6.322	2.10%	87.17%
10.5	6.573		
10.5	6.573	1.62%	88.79%
9	6.796		
9	6.796	1.68%	90.47%
7.5	7.059		
7.5	7.059	1.75%	92.21%
6	7.381		
6	7.381	1.20%	93.42%
5	7.644		
5	7.644	0.86%	94.28%
4.3	7.861		
4.3	7.861	0.38%	94.66%
4	7.966		
4	7.966	0.38%	95.04%
3.7	8.078		
3.7	8.078	0.79%	95.84%
3.1	8.334		
3.1	8.334	0.69%	96.53%
2.6	8.587		
2.6	8.587	0.58%	97.11%
2.2	8.828		
2.2	8.828	0.61%	97.72%
1.8	9.118		
1.8	9.118	0.48%	98.20%
1.5	9.381		
1.5	9.381	0.33%	98.53%
1.3	9.587		
1.3	9.587	0.34%	98.87%
1.1	9.828		
1.1	9.828	0.35%	99.23%
0.9	10.118		
< 0,900	> 10,118	0.77%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 41
Livello (cm)	(125-150)
Peso totale (g)	20.0
Frazione > 63 µm (%)	19.8
Frazione < 63 µm (%)	80.2

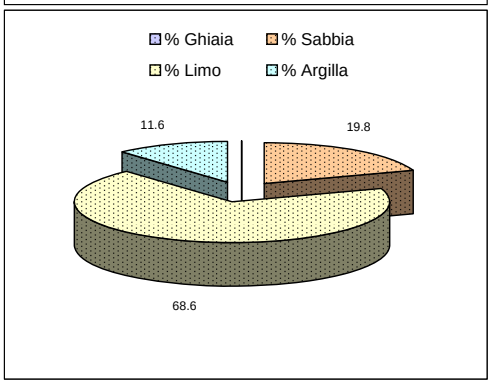
Frazione grossolana (> 63 µm) = 19.8	
% Ghiaia	% Sabbia
0.0	19.8

Frazione pelitica (< 63 µm) = 80.2	
% Limo	% Argilla
68.6	11.6

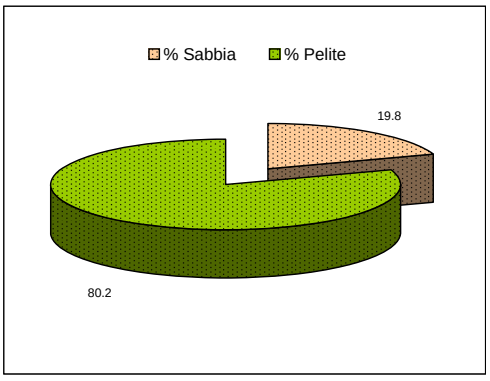
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.574
Deviazione Standard	1.892
Asimmetria (Skewness)	0.080
Appuntimento (Kurtosis)	1.144
Mediana (Φ)	5.522
Moda (Φ)	5.500

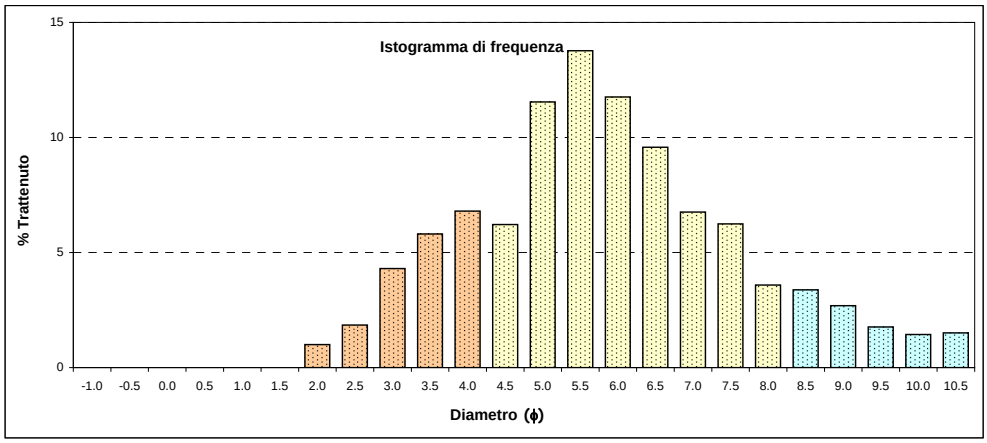
Percentili (Φ)	
5	2.743
16	3.728
25	4.469
50	5.522
75	6.730
84	7.472
95	9.052

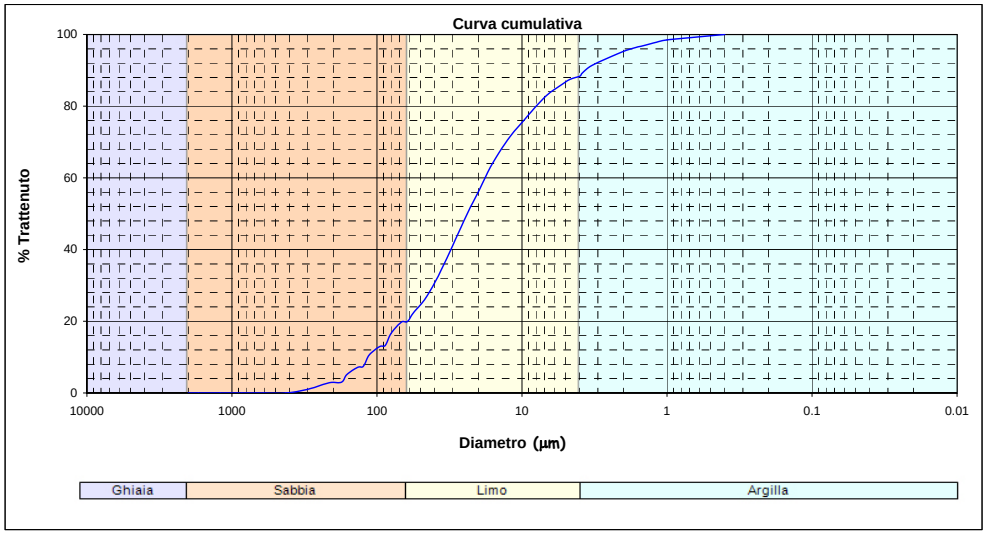
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.00%	1.00%
250	2		
250	2	1.85%	2.85%
176.78	2.5		
176.78	2.5	0.12%	2.97%
175	2.515		
175	2.515	2.22%	5.19%
147	2.766		
147	2.766	1.96%	7.15%
125	3		
125	3	0.31%	7.46%
123	3.023		
123	3.023	3.16%	10.62%
103	3.279		
103	3.279	2.34%	12.96%
88.39	3.5		
88.39	3.5	0.30%	13.26%
87	3.523		
87	3.523	3.33%	16.59%
73	3.776		
73	3.776	3.17%	19.76%
62.5	4		
62.5	4	0.17%	19.93%
61	4.035		
61	4.035	2.44%	22.36%
51	4.293		
51	4.293	3.61%	25.97%
43	4.54		
43	4.54	5.14%	31.12%
36	4.796		
36	4.796	6.40%	37.52%
30	5.059		
30	5.059	7.01%	44.53%
25	5.322		
25	5.322	6.76%	51.29%
21	5.573		
21	5.573	5.67%	56.96%
18	5.796		
18	5.796	6.09%	63.05%
15	6.059		
15	6.059	5.27%	68.32%
12.5	6.322		
12.5	6.322	4.30%	72.63%
10.5	6.573		
10.5	6.573	3.30%	75.93%
9	6.796		
9	6.796	3.45%	79.38%
7.5	7.059		
7.5	7.059	3.67%	83.05%
6	7.381		
6	7.381	2.58%	85.63%
5	7.644		
5	7.644	1.89%	87.52%
4.3	7.861		
4.3	7.861	0.85%	88.37%
4	7.966		
4	7.966	0.85%	89.22%
3.7	8.078		
3.7	8.078	1.80%	91.01%
3.1	8.334		
3.1	8.334	1.58%	92.59%
2.6	8.587		
2.6	8.587	1.32%	93.92%
2.2	8.828		
2.2	8.828	1.37%	95.29%
1.8	9.118		
1.8	9.118	1.06%	96.34%
1.5	9.381		
1.5	9.381	0.71%	97.06%
1.3	9.587		
1.3	9.587	0.72%	97.77%
1.1	9.828		
1.1	9.828	0.72%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 41**
Livello (cm)	**(150-175)**
Peso totale (g)	37.0
Frazione > 63 µm (%)	64.0
Frazione < 63 µm (%)	36.0

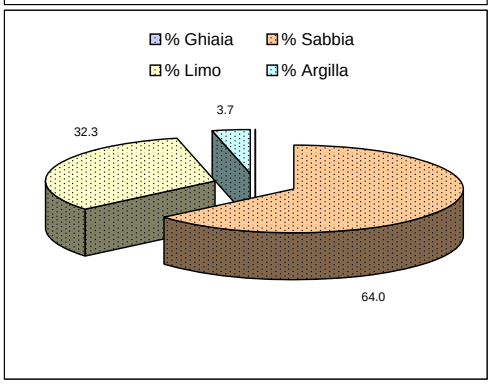
Frazione grossolana (> 63 µm) = 64.0	
% Ghiaia	**% Sabbia**
0.0	**64.0**

Frazione pelitica (< 63 µm) = 36.0	
% Limo	**% Argilla**
32.3	**3.7**

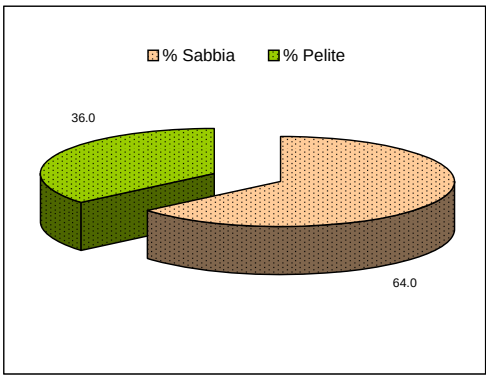
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.927
Deviazione Standard	1.657
Asimmetria (Skewness)	0.446
Appuntimento (Kurtosis)	0.960
Mediana (Φ)	3.472
Moda (Φ)	3.000

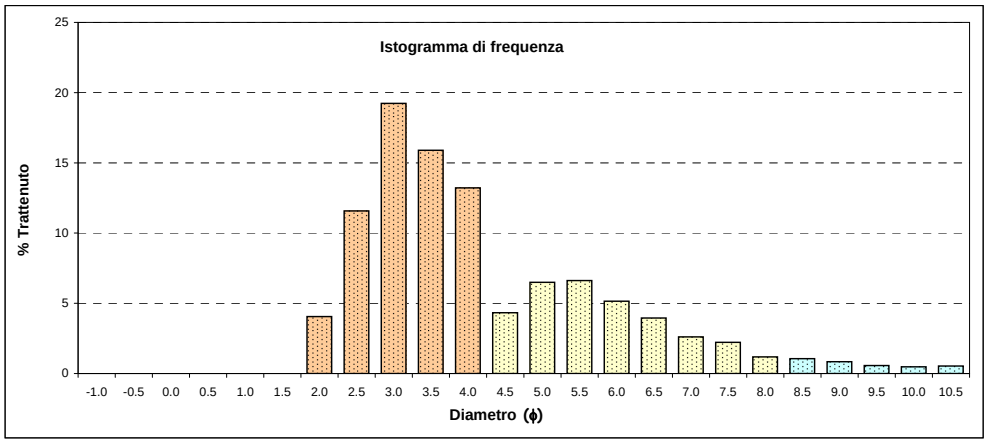
Percentili (Φ)	
5	2.035
16	2.509
25	2.725
50	3.472
75	5.072
84	5.801
95	7.537

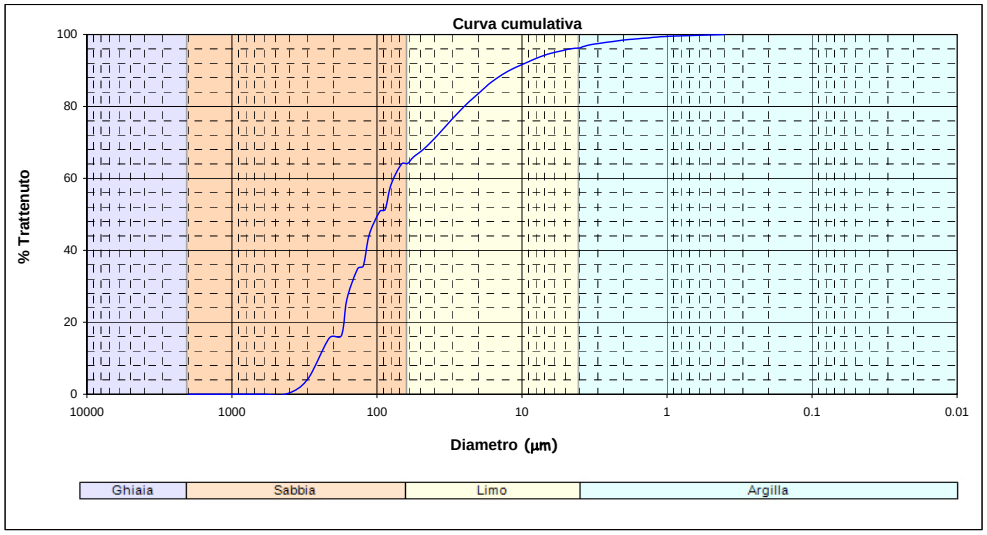
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.06%	4.06%
250	2		
250	2	11.57%	15.63%
176.78	2.5		
176.78	2.5	0.64%	16.26%
175	2.515		
175	2.515	10.31%	26.57%
147	2.766		
147	2.766	8.29%	34.86%
125	3		
125	3	0.86%	35.72%
123	3.023		
123	3.023	8.67%	44.39%
103	3.279		
103	3.279	6.36%	50.75%
88.39	3.5		
88.39	3.5	0.66%	51.41%
87	3.523		
87	3.523	6.88%	58.29%
73	3.776		
73	3.776	5.68%	63.97%
62.5	4		
62.5	4	0.14%	64.11%
61	4.035		
61	4.035	1.80%	65.92%
51	4.293		
51	4.293	2.39%	68.31%
43	4.54		
43	4.54	3.05%	71.36%
36	4.796		
36	4.796	3.45%	74.81%
30	5.059		
30	5.059	3.47%	78.28%
25	5.322		
25	5.322	3.14%	81.42%
21	5.573		
21	5.573	2.53%	83.95%
18	5.796		
18	5.796	2.62%	86.57%
15	6.059		
15	6.059	2.20%	88.77%
12.5	6.322		
12.5	6.322	1.75%	90.52%
10.5	6.573		
10.5	6.573	1.30%	91.82%
9	6.796		
9	6.796	1.31%	93.13%
7.5	7.059		
7.5	7.059	1.33%	94.45%
6	7.381		
6	7.381	0.89%	95.34%
5	7.644		
5	7.644	0.63%	95.98%
4.3	7.861		
4.3	7.861	0.28%	96.25%
4	7.966		
4	7.966	0.28%	96.53%
3.7	8.078		
3.7	8.078	0.57%	97.09%
3.1	8.334		
3.1	8.334	0.49%	97.59%
2.6	8.587		
2.6	8.587	0.41%	98.00%
2.2	8.828		
2.2	8.828	0.43%	98.42%
1.8	9.118		
1.8	9.118	0.33%	98.76%
1.5	9.381		
1.5	9.381	0.23%	98.99%
1.3	9.587		
1.3	9.587	0.24%	99.22%
1.1	9.828		
1.1	9.828	0.24%	99.47%
0.9	10.118		
< 0,900	> 10,118	0.53%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 41
Livello (cm)	(175-200)
Peso totale (g)	63.9
Frazione > 63 µm (%)	89.3
Frazione < 63 µm (%)	10.7

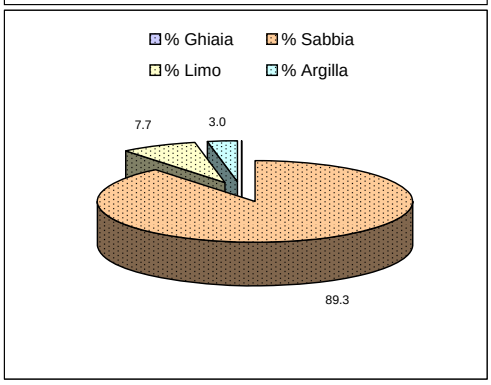
Frazione grossolana (> 63 µm) = 89.3	
% Ghiaia	% Sabbia
0.0	89.3

Frazione pelitica (< 63 µm) = 10.7	
% Limo	% Argilla
7.7	3.0

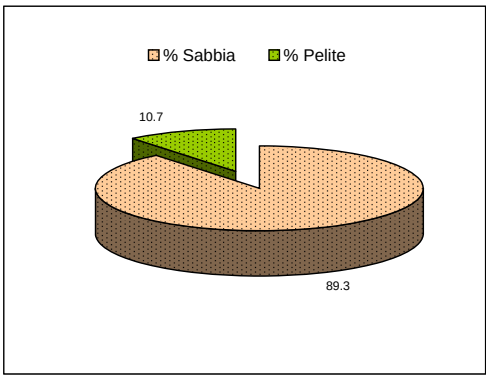
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.609
Deviazione Standard	1.247
Asimmetria (Skewness)	0.435
Appuntimento (Kurtosis)	2.278
Mediana (Φ)	2.488
Moda (Φ)	2.500

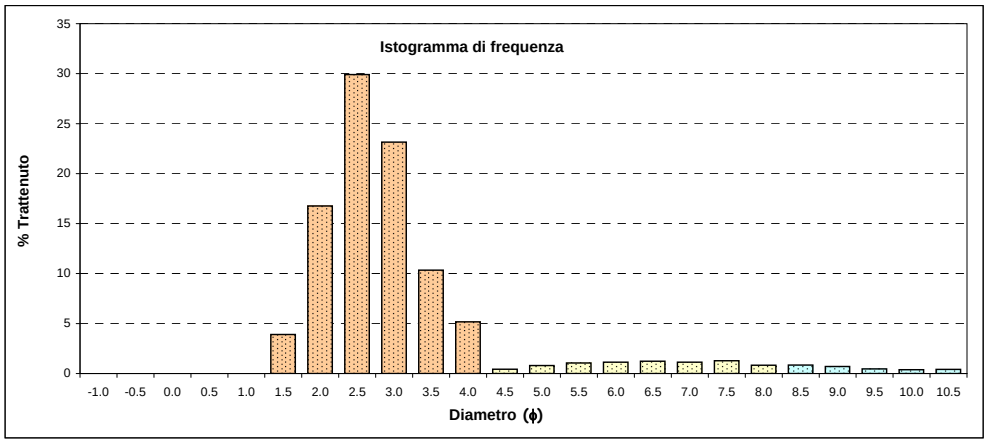
Percentili (Φ)	
5	1.528
16	1.843
25	2.063
50	2.488
75	3.053
84	3.496
95	7.031

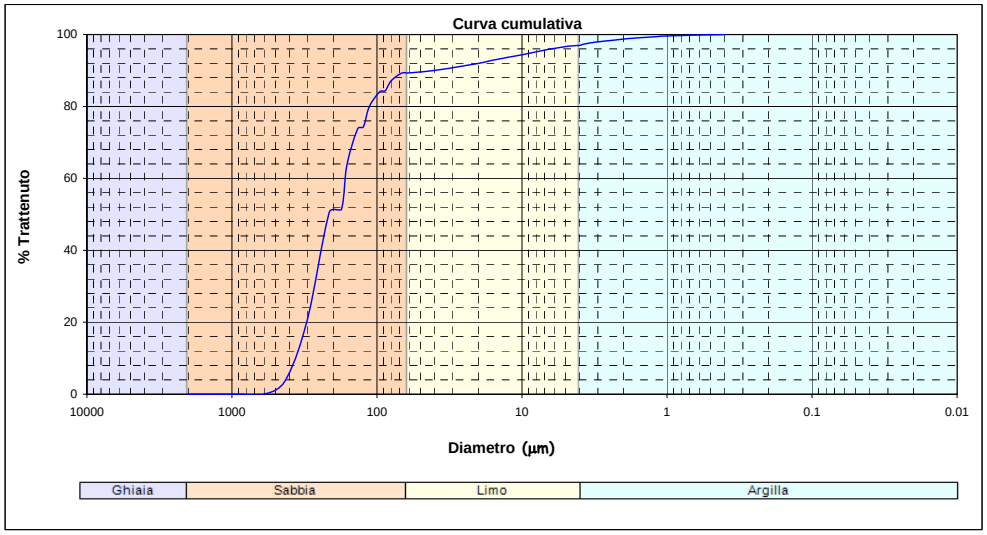
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.90%	3.90%
353.55	1.5		
353.55	1.5	16.77%	20.67%
250	2		
250	2	29.91%	50.58%
176.78	2.5		
176.78	2.5	0.80%	51.37%
175	2.515		
175	2.515	12.52%	63.90%
147	2.766		
147	2.766	9.84%	73.74%
125	3		
125	3	0.56%	74.30%
123	3.023		
123	3.023	5.65%	79.95%
103	3.279		
103	3.279	4.13%	84.07%
88.39	3.5		
88.39	3.5	0.27%	84.35%
87	3.523		
87	3.523	2.77%	87.12%
73	3.776		
73	3.776	2.13%	89.25%
62.5	4		
62.5	4	0.01%	89.26%
61	4.035		
61	4.035	0.17%	89.43%
51	4.293		
51	4.293	0.25%	89.68%
43	4.54		
43	4.54	0.35%	90.03%
36	4.796		
36	4.796	0.45%	90.48%
30	5.059		
30	5.059	0.52%	91.00%
25	5.322		
25	5.322	0.54%	91.54%
21	5.573		
21	5.573	0.51%	92.05%
18	5.796		
18	5.796	0.63%	92.69%
15	6.059		
15	6.059	0.64%	93.33%
12.5	6.322		
12.5	6.322	0.60%	93.93%
10.5	6.573		
10.5	6.573	0.52%	94.45%
9	6.796		
9	6.796	0.61%	95.06%
7.5	7.059		
7.5	7.059	0.73%	95.79%
6	7.381		
6	7.381	0.56%	96.35%
5	7.644		
5	7.644	0.43%	96.78%
4.3	7.861		
4.3	7.861	0.20%	96.98%
4	7.966		
4	7.966	0.20%	97.19%
3.7	8.078		
3.7	8.078	0.44%	97.63%
3.1	8.334		
3.1	8.334	0.40%	98.03%
2.6	8.587		
2.6	8.587	0.34%	98.37%
2.2	8.828		
2.2	8.828	0.36%	98.73%
1.8	9.118		
1.8	9.118	0.28%	99.01%
1.5	9.381		
1.5	9.381	0.19%	99.20%
1.3	9.587		
1.3	9.587	0.19%	99.39%
1.1	9.828		
1.1	9.828	0.19%	99.59%
0.9	10.118		
< 0,900	> 10,118	0.41%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 42
Livello (cm)	(0-25)
Peso totale (g)	19.3
Frazione > 63 μm (%)	4.1
Frazione < 63 μm (%)	95.9

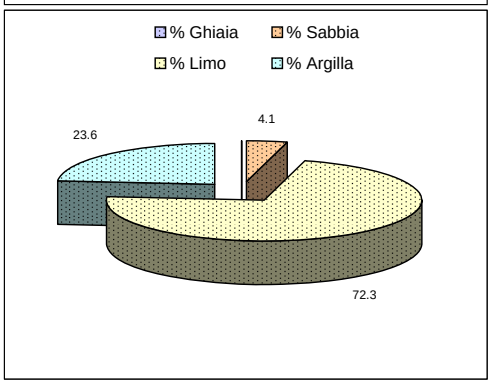
Frazione grossolana (> 63 μm) = 4.1	
% Ghiaia	% Sabbia
0.0	4.1

Frazione pelitica (< 63 μm) = 95.9	
% Limo	% Argilla
72.3	23.6

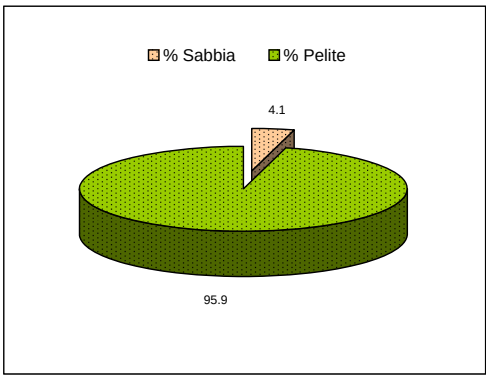
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.608
Deviazione Standard	1.773
Asimmetria (Skewness)	0.107
Appuntimento (Kurtosis)	0.891
Mediana (Φ)	6.511
Moda (Φ)	7.500

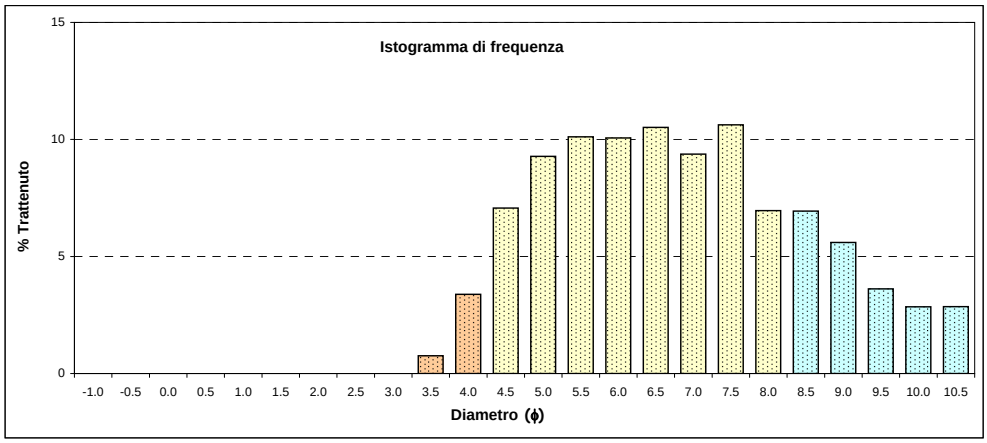
Percentili (Φ)	
5	4.080
16	4.815
25	5.289
50	6.511
75	7.876
84	8.499
95	9.701

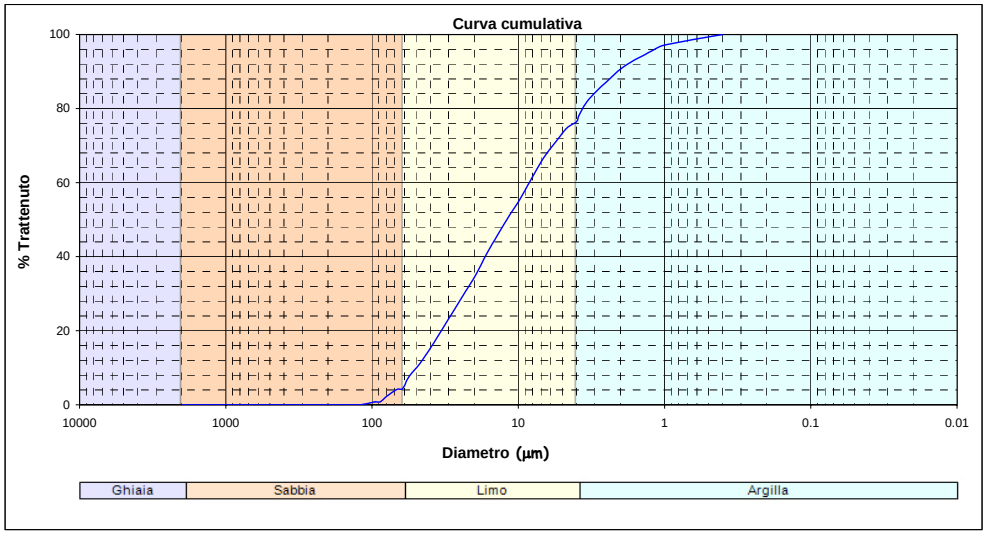
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.17%	0.17%
103	3.279		
103	3.279	0.59%	0.76%
88.39	3.5		
88.39	3.5	0.06%	0.82%
87	3.523		
87	3.523	1.37%	2.18%
73	3.776		
73	3.776	1.96%	4.14%
62.5	4		
62.5	4	0.28%	4.42%
61	4.035		
61	4.035	3.11%	7.53%
51	4.293		
51	4.293	3.68%	11.21%
43	4.54		
43	4.54	4.40%	15.61%
36	4.796		
36	4.796	4.87%	20.49%
30	5.059		
30	5.059	5.09%	25.58%
25	5.322		
25	5.322	5.02%	30.60%
21	5.573		
21	5.573	4.55%	35.15%
18	5.796		
18	5.796	5.51%	40.66%
15	6.059		
15	6.059	5.46%	46.13%
12.5	6.322		
12.5	6.322	5.05%	51.17%
10.5	6.573		
10.5	6.573	4.32%	55.50%
9	6.796		
9	6.796	5.05%	60.55%
7.5	7.059		
7.5	7.059	6.01%	66.56%
6	7.381		
6	7.381	4.61%	71.17%
5	7.644		
5	7.644	3.59%	74.76%
4.3	7.861		
4.3	7.861	1.68%	76.45%
4	7.966		
4	7.966	1.68%	78.13%
3.7	8.078		
3.7	8.078	3.67%	81.80%
3.1	8.334		
3.1	8.334	3.28%	85.07%
2.6	8.587		
2.6	8.587	2.75%	87.83%
2.2	8.828		
2.2	8.828	2.85%	90.67%
1.8	9.118		
1.8	9.118	2.17%	92.84%
1.5	9.381		
1.5	9.381	1.45%	94.29%
1.3	9.587		
1.3	9.587	1.44%	95.73%
1.1	9.828		
1.1	9.828	1.41%	97.14%
0.9	10.118		
< 0,900	> 10,118	2.86%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 42**
Livello (cm)	**(25-50)**
Peso totale (g)	27.0
Frazione > 63 μm (%)	1.8
Frazione < 63 μm (%)	98.2

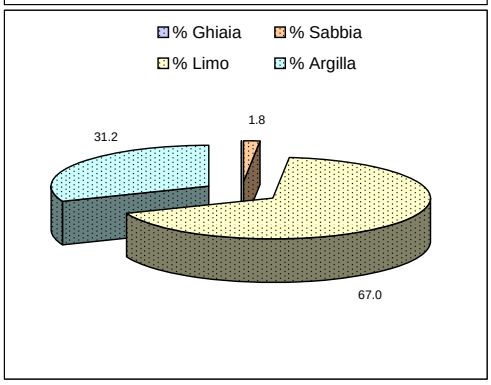
Frazione grossolana (> 63 μm) =	**1.8**
% Ghiaia	**% Sabbia**
0.0	**1.8**

Frazione pelitica (< 63 μm) =	**98.2**
% Limo	**% Argilla**
67.0	**31.2**

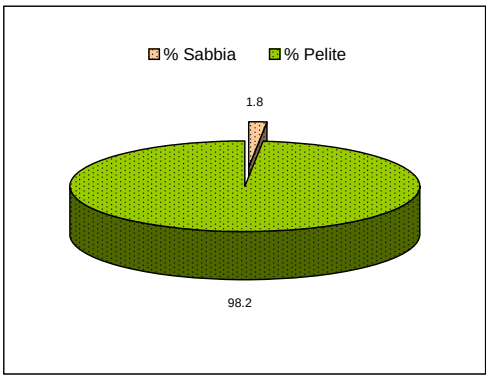
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.101
Deviazione Standard	1.708
Asimmetria (Skewness)	0.017
Appuntimento (Kurtosis)	0.939
Mediana (Φ)	7.100
Moda (Φ)	7.500

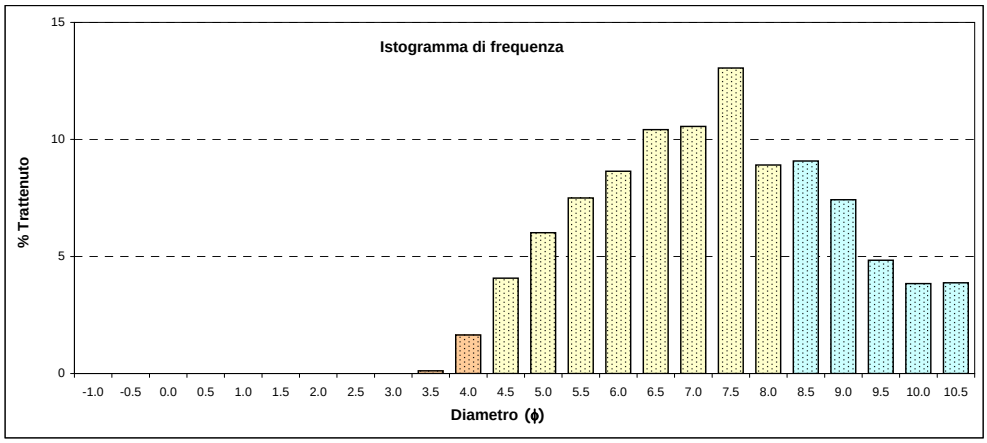
Percentili (Φ)	
5	4.439
16	5.352
25	5.892
50	7.100
75	8.292
84	8.852
95	9.940

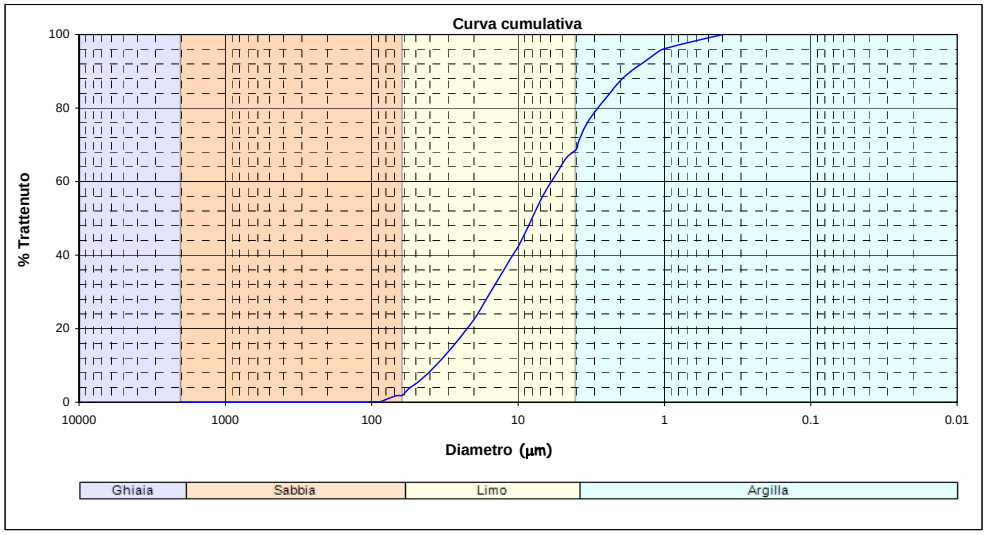
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.11%	0.11%
88.39	3.5		
88.39	3.5	0.01%	0.13%
87	3.523		
87	3.523	0.61%	0.73%
73	3.776		
73	3.776	1.03%	1.76%
62.5	4		
62.5	4	0.15%	1.91%
61	4.035		
61	4.035	1.75%	3.66%
51	4.293		
51	4.293	2.18%	5.84%
43	4.54		
43	4.54	2.76%	8.60%
36	4.796		
36	4.796	3.25%	11.86%
30	5.059		
30	5.059	3.64%	15.50%
25	5.322		
25	5.322	3.86%	19.36%
21	5.573		
21	5.573	3.75%	23.10%
18	5.796		
18	5.796	4.90%	28.00%
15	6.059		
15	6.059	5.24%	33.24%
12.5	6.322		
12.5	6.322	5.18%	38.43%
10.5	6.573		
10.5	6.573	4.71%	43.14%
9	6.796		
9	6.796	5.84%	48.98%
7.5	7.059		
7.5	7.059	7.29%	56.26%
6	7.381		
6	7.381	5.76%	62.03%
5	7.644		
5	7.644	4.57%	66.60%
4.3	7.861		
4.3	7.861	2.17%	68.77%
4	7.966		
4	7.966	2.17%	70.94%
3.7	8.078		
3.7	8.078	4.77%	75.71%
3.1	8.334		
3.1	8.334	4.30%	80.02%
2.6	8.587		
2.6	8.587	3.64%	83.66%
2.2	8.828		
2.2	8.828	3.78%	87.44%
1.8	9.118		
1.8	9.118	2.90%	90.34%
1.5	9.381		
1.5	9.381	1.94%	92.28%
1.3	9.587		
1.3	9.587	1.93%	94.22%
1.1	9.828		
1.1	9.828	1.91%	96.12%
0.9	10.118		
< 0,900	> 10,118	3.88%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 42**
Livello (cm)	**(50-75)**
Peso totale (g)	10.4
Frazione > 63 μm (%)	9.0
Frazione < 63 μm (%)	91.0

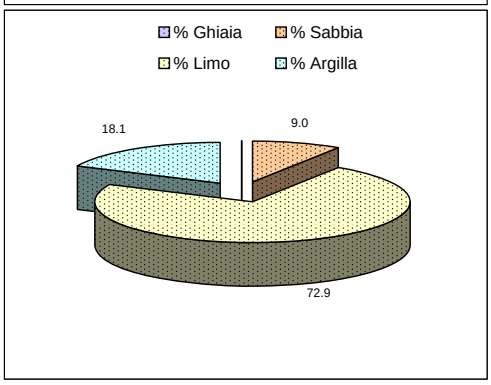
Frazione grossolana (> 63 μm) = 9.0	
% Ghiaia	**% Sabbia**
0.0	**9.0**

Frazione pelitica (< 63 μm) = 91.0	
% Limo	**% Argilla**
72.9	**18.1**

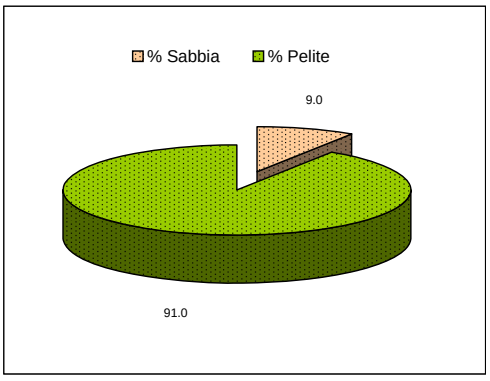
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.110
Deviazione Standard	1.828
Asimmetria (Skewness)	0.237
Appuntimento (Kurtosis)	0.872
Mediana (Φ)	5.847
Moda (Φ)	5.000

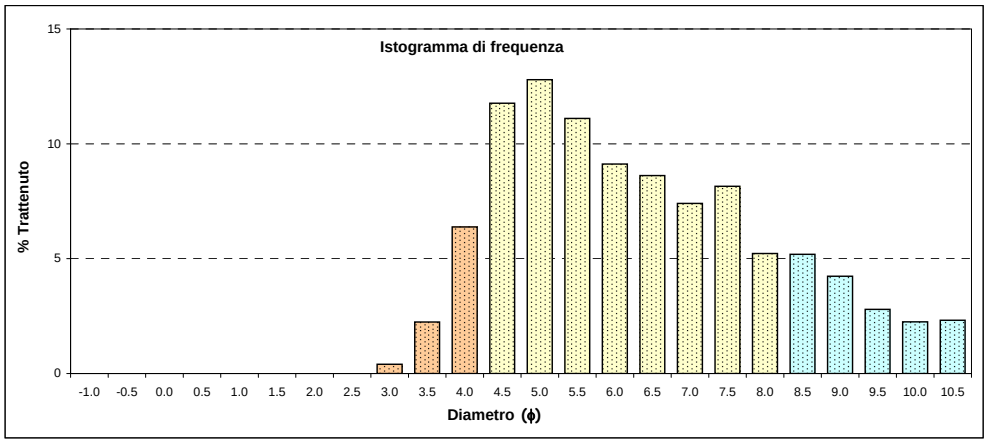
Percentili (Φ)	
5	3.731
16	4.336
25	4.702
50	5.847
75	7.417
84	8.148
95	9.505

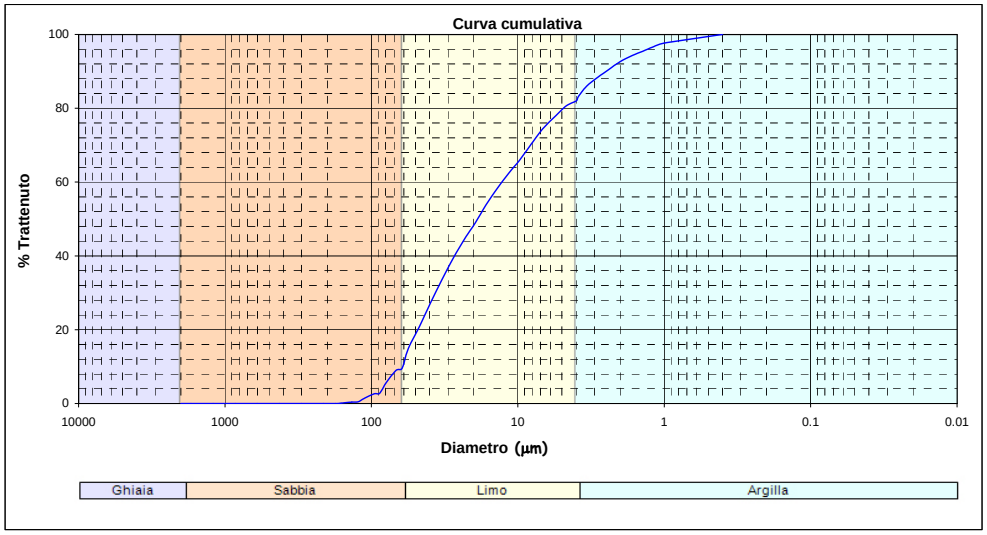
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.07%	0.07%
147	2.766		
147	2.766	0.34%	0.41%
125	3		
125	3	0.03%	0.44%
123	3.023		
123	3.023	0.84%	1.28%
103	3.279		
103	3.279	1.37%	2.65%
88.39	3.5		
88.39	3.5	0.13%	2.78%
87	3.523		
87	3.523	2.66%	5.44%
73	3.776		
73	3.776	3.59%	9.03%
62.5	4		
62.5	4	0.51%	9.54%
61	4.035		
61	4.035	5.36%	14.90%
51	4.293		
51	4.293	5.89%	20.80%
43	4.54		
43	4.54	6.42%	27.22%
36	4.796		
36	4.796	6.37%	33.59%
30	5.059		
30	5.059	5.90%	39.49%
25	5.322		
25	5.322	5.20%	44.69%
21	5.573		
21	5.573	4.30%	48.99%
18	5.796		
18	5.796	4.82%	53.81%
15	6.059		
15	6.059	4.54%	58.35%
12.5	6.322		
12.5	6.322	4.08%	62.43%
10.5	6.573		
10.5	6.573	3.44%	65.86%
9	6.796		
9	6.796	3.97%	69.83%
7.5	7.059		
7.5	7.059	4.64%	74.48%
6	7.381		
6	7.381	3.51%	77.99%
5	7.644		
5	7.644	2.70%	80.69%
4.3	7.861		
4.3	7.861	1.26%	81.95%
4	7.966		
4	7.966	1.26%	83.21%
3.7	8.078		
3.7	8.078	2.74%	85.95%
3.1	8.334		
3.1	8.334	2.45%	88.40%
2.6	8.587		
2.6	8.587	2.07%	90.47%
2.2	8.828		
2.2	8.828	2.16%	92.64%
1.8	9.118		
1.8	9.118	1.67%	94.30%
1.5	9.381		
1.5	9.381	1.12%	95.43%
1.3	9.587		
1.3	9.587	1.13%	96.55%
1.1	9.828		
1.1	9.828	1.12%	97.68%
0.9	10.118		
< 0,900	> 10,118	2.32%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 42
Livello (cm)	(75-100)
Peso totale (g)	34.6
Frazione > 63 μm (%)	18.5
Frazione < 63 μm (%)	81.5

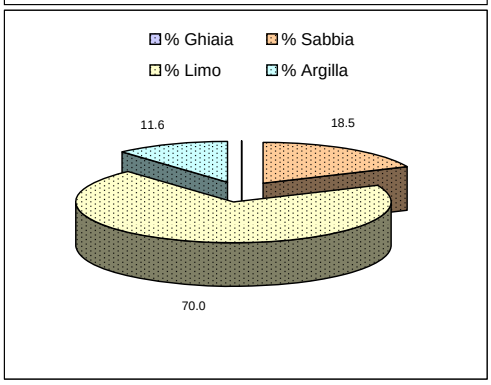
Frazione grossolana (> 63 μm) = 18.5	
% Ghiaia	% Sabbia
0.0	18.5

Frazione pelitica (< 63 μm) = 81.5	
% Limo	% Argilla
70.0	11.6

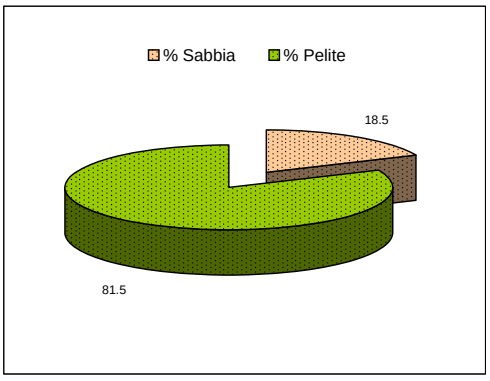
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.563
Deviazione Standard	1.818
Asimmetria (Skewness)	0.200
Appuntimento (Kurtosis)	1.093
Mediana (Φ)	5.367
Moda (Φ)	5.000

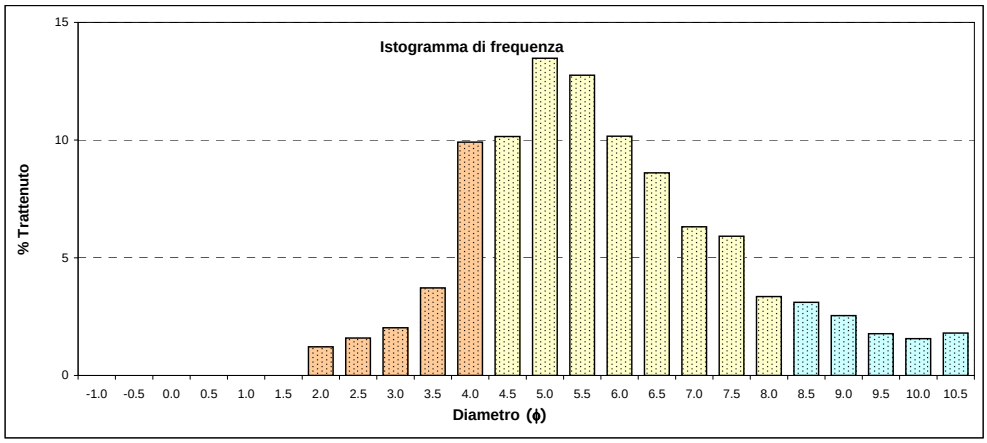
Percentili (Φ)	
5	3.022
16	3.883
25	4.371
50	5.367
75	6.669
84	7.440
95	9.150

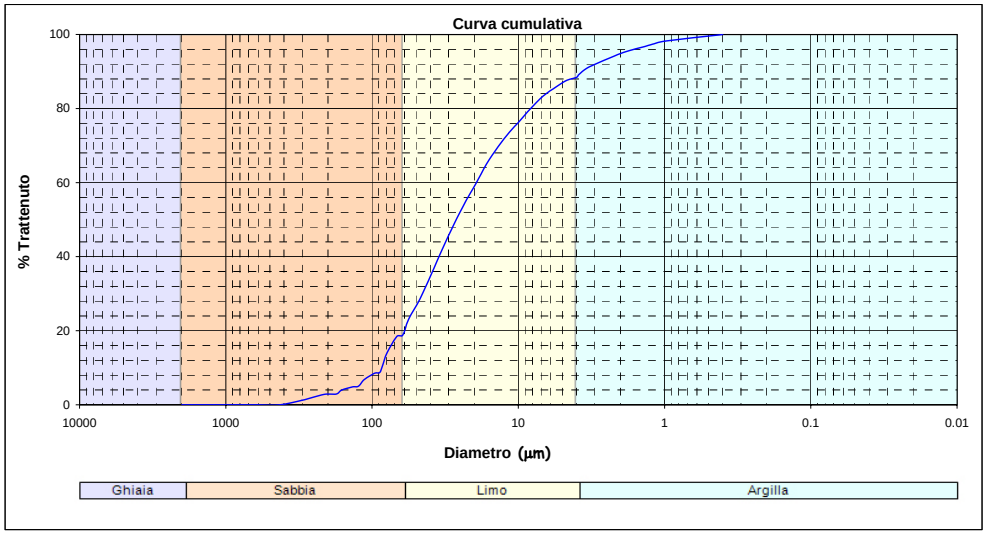
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.22%	1.22%
250	2		
250	2	1.59%	2.81%
176.78	2.5		
176.78	2.5	0.07%	2.88%
175	2.515		
175	2.515	1.10%	3.97%
147	2.766		
147	2.766	0.86%	4.83%
125	3		
125	3	0.17%	5.01%
123	3.023		
123	3.023	1.81%	6.81%
103	3.279		
103	3.279	1.74%	8.55%
88.39	3.5		
88.39	3.5	0.36%	8.91%
87	3.523		
87	3.523	4.66%	13.57%
73	3.776		
73	3.776	4.89%	18.47%
62.5	4		
62.5	4	0.35%	18.82%
61	4.035		
61	4.035	4.37%	23.19%
51	4.293		
51	4.293	5.43%	28.61%
43	4.54		
43	4.54	6.52%	35.13%
36	4.796		
36	4.796	6.96%	42.09%
30	5.059		
30	5.059	6.74%	48.83%
25	5.322		
25	5.322	6.01%	54.85%
21	5.573		
21	5.573	4.89%	59.74%
18	5.796		
18	5.796	5.28%	65.01%
15	6.059		
15	6.059	4.68%	69.70%
12.5	6.322		
12.5	6.322	3.92%	73.62%
10.5	6.573		
10.5	6.573	3.07%	76.69%
9	6.796		
9	6.796	3.25%	79.94%
7.5	7.059		
7.5	7.059	3.48%	83.41%
6	7.381		
6	7.381	2.44%	85.85%
5	7.644		
5	7.644	1.78%	87.63%
4.3	7.861		
4.3	7.861	0.79%	88.42%
4	7.966		
4	7.966	0.79%	89.21%
3.7	8.078		
3.7	8.078	1.65%	90.86%
3.1	8.334		
3.1	8.334	1.46%	92.32%
2.6	8.587		
2.6	8.587	1.23%	93.55%
2.2	8.828		
2.2	8.828	1.31%	94.86%
1.8	9.118		
1.8	9.118	1.04%	95.91%
1.5	9.381		
1.5	9.381	0.73%	96.64%
1.3	9.587		
1.3	9.587	0.76%	97.40%
1.1	9.828		
1.1	9.828	0.80%	98.20%
0.9	10.118		
< 0,900	> 10,118	1.80%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(0-25)
Peso totale (g)	12.5
Frazione > 63 μm (%)	18.4
Frazione < 63 μm (%)	81.6

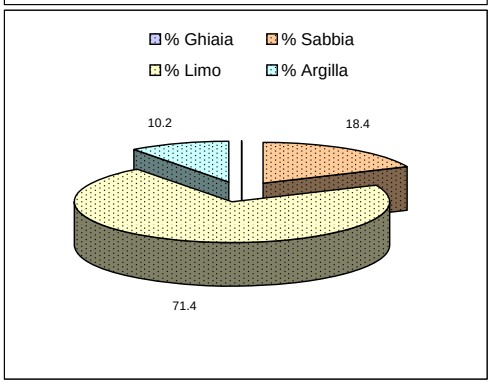
Frazione grossolana (> 63 μm) = 18.4	
% Ghiaia	% Sabbia
0.0	18.4

Frazione pelitica (< 63 μm) = 81.6	
% Limo	% Argilla
71.4	10.2

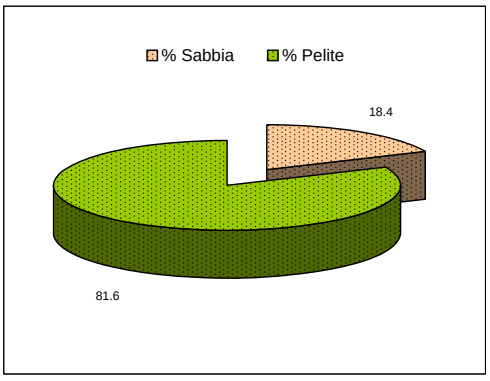
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.519
Deviazione Standard	1.720
Asimmetria (Skewness)	0.185
Appuntimento (Kurtosis)	1.014
Mediana (Φ)	5.377
Moda (Φ)	5.000

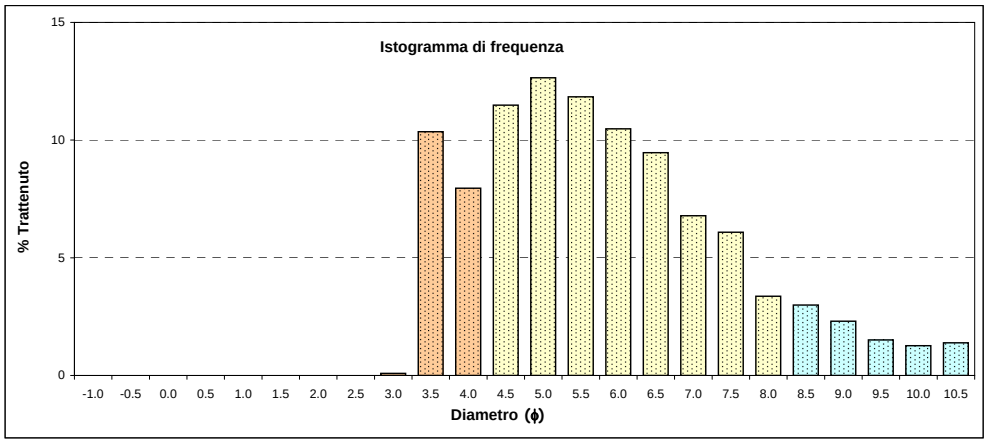
Percentili (Φ)	
5	3.237
16	3.869
25	4.328
50	5.377
75	6.617
84	7.313
95	8.903

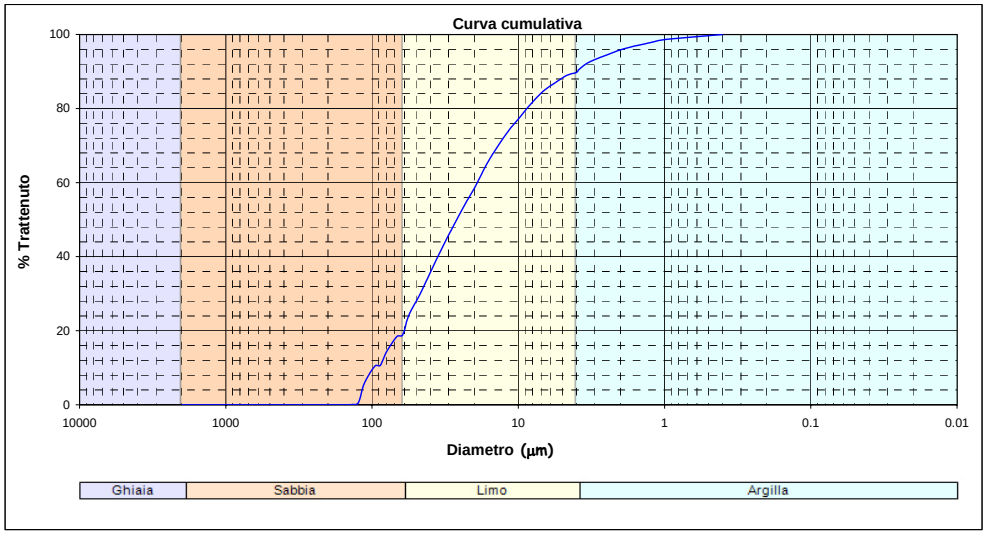
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.09%	0.09%
125	3		
125	3	0.47%	0.56%
123	3.023		
123	3.023	5.23%	5.79%
103	3.279		
103	3.279	4.65%	10.44%
88.39	3.5		
88.39	3.5	0.21%	10.65%
87	3.523		
87	3.523	3.52%	14.17%
73	3.776		
73	3.776	4.22%	18.39%
62.5	4		
62.5	4	0.51%	18.90%
61	4.035		
61	4.035	5.24%	24.14%
51	4.293		
51	4.293	5.73%	29.88%
43	4.54		
43	4.54	6.28%	36.16%
36	4.796		
36	4.796	6.37%	42.53%
30	5.059		
30	5.059	6.15%	48.67%
25	5.322		
25	5.322	5.69%	54.37%
21	5.573		
21	5.573	4.90%	59.26%
18	5.796		
18	5.796	5.58%	64.85%
15	6.059		
15	6.059	5.13%	69.98%
12.5	6.322		
12.5	6.322	4.33%	74.31%
10.5	6.573		
10.5	6.573	3.34%	77.65%
9	6.796		
9	6.796	3.44%	81.10%
7.5	7.059		
7.5	7.059	3.59%	84.69%
6	7.381		
6	7.381	2.49%	87.18%
5	7.644		
5	7.644	1.79%	88.97%
4.3	7.861		
4.3	7.861	0.79%	89.76%
4	7.966		
4	7.966	0.79%	90.55%
3.7	8.078		
3.7	8.078	1.61%	92.16%
3.1	8.334		
3.1	8.334	1.38%	93.54%
2.6	8.587		
2.6	8.587	1.13%	94.67%
2.2	8.828		
2.2	8.828	1.17%	95.84%
1.8	9.118		
1.8	9.118	0.90%	96.74%
1.5	9.381		
1.5	9.381	0.61%	97.35%
1.3	9.587		
1.3	9.587	0.62%	97.98%
1.1	9.828		
1.1	9.828	0.64%	98.62%
0.9	10.118		
< 0,900	> 10,118	1.38%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 43**
Livello (cm)	**(25-50)**
Peso totale (g)	16.0
Frazione > 63 μm (%)	4.6
Frazione < 63 μm (%)	95.4

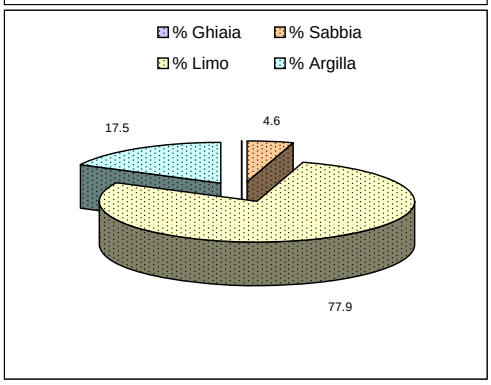
Frazione grossolana (> 63 μm) = 4.6	
% Ghiaia	**% Sabbia**
0.0	**4.6**

Frazione pelitica (< 63 μm) = 95.4	
% Limo	**% Argilla**
77.9	**17.5**

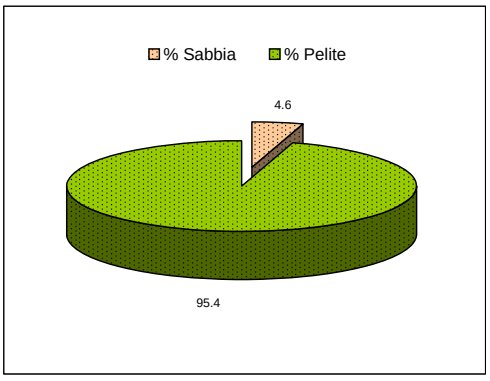
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.265
Deviazione Standard	1.672
Asimmetria (Skewness)	0.200
Appuntimento (Kurtosis)	0.906
Mediana (Φ)	6.075
Moda (Φ)	5.500

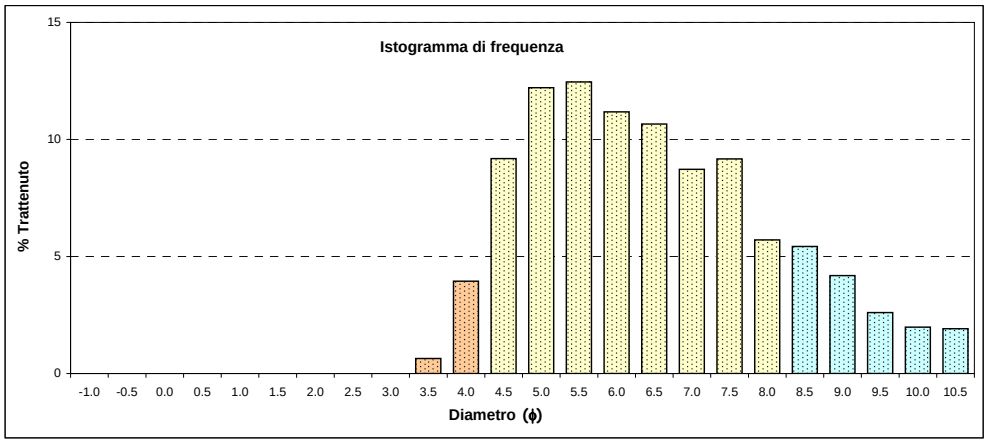
Percentili (Φ)	
5	4.039
16	4.632
25	5.015
50	6.075
75	7.427
84	8.088
95	9.369

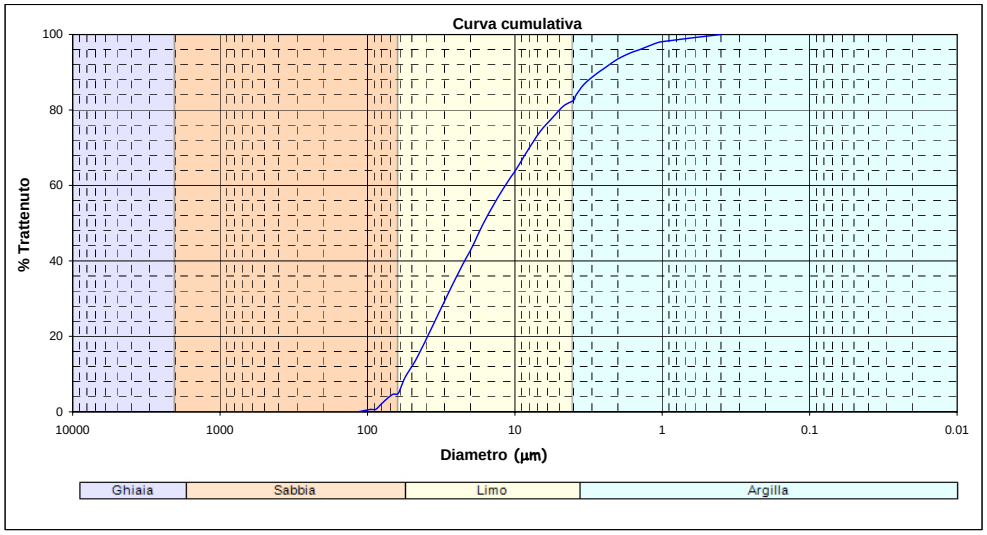
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.09%	0.09%
103	3.279		
103	3.279	0.55%	0.64%
88.39	3.5		
88.39	3.5	0.05%	0.70%
87	3.523		
87	3.523	1.51%	2.21%
73	3.776		
73	3.776	2.38%	4.59%
62.5	4		
62.5	4	0.34%	4.93%
61	4.035		
61	4.035	3.99%	8.92%
51	4.293		
51	4.293	4.86%	13.77%
43	4.54		
43	4.54	5.84%	19.61%
36	4.796		
36	4.796	6.37%	25.98%
30	5.059		
30	5.059	6.42%	32.40%
25	5.322		
25	5.322	6.04%	38.44%
21	5.573		
21	5.573	5.20%	43.64%
18	5.796		
18	5.796	5.98%	49.62%
15	6.059		
15	6.059	5.65%	55.27%
12.5	6.322		
12.5	6.322	5.01%	60.28%
10.5	6.573		
10.5	6.573	4.12%	64.40%
9	6.796		
9	6.796	4.61%	69.01%
7.5	7.059		
7.5	7.059	5.25%	74.26%
6	7.381		
6	7.381	3.91%	78.17%
5	7.644		
5	7.644	2.98%	81.15%
4.3	7.861		
4.3	7.861	1.37%	82.51%
4	7.966		
4	7.966	1.37%	83.88%
3.7	8.078		
3.7	8.078	2.90%	86.78%
3.1	8.334		
3.1	8.334	2.53%	89.31%
2.6	8.587		
2.6	8.587	2.08%	91.39%
2.2	8.828		
2.2	8.828	2.10%	93.49%
1.8	9.118		
1.8	9.118	1.57%	95.06%
1.5	9.381		
1.5	9.381	1.03%	96.10%
1.3	9.587		
1.3	9.587	1.01%	97.11%
1.1	9.828		
1.1	9.828	0.98%	98.08%
0.9	10.118		
< 0,900	> 10,118	1.92%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(50-75)
Peso totale (g)	27.3
Frazione > 63 μm (%)	39.6
Frazione < 63 μm (%)	60.4

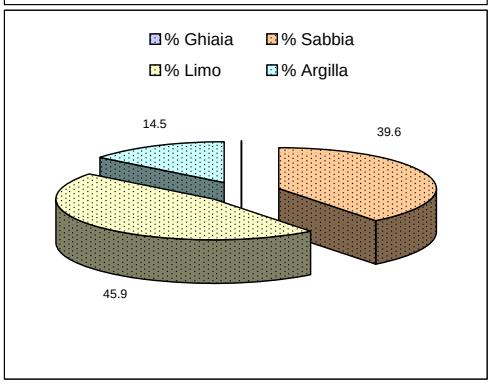
Frazione grossolana (> 63 μm) = 39.6	
% Ghiaia	% Sabbia
0.0	39.6

Frazione pelitica (< 63 μm) = 60.4	
% Limo	% Argilla
45.9	14.5

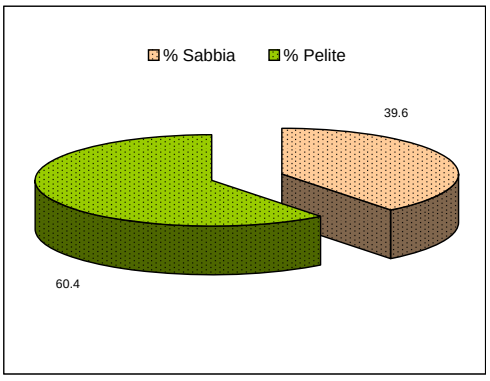
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.327
Deviazione Standard	2.337
Asimmetria (Skewness)	0.026
Appuntimento (Kurtosis)	0.745
Mediana (Φ)	5.398
Moda (Φ)	3.000

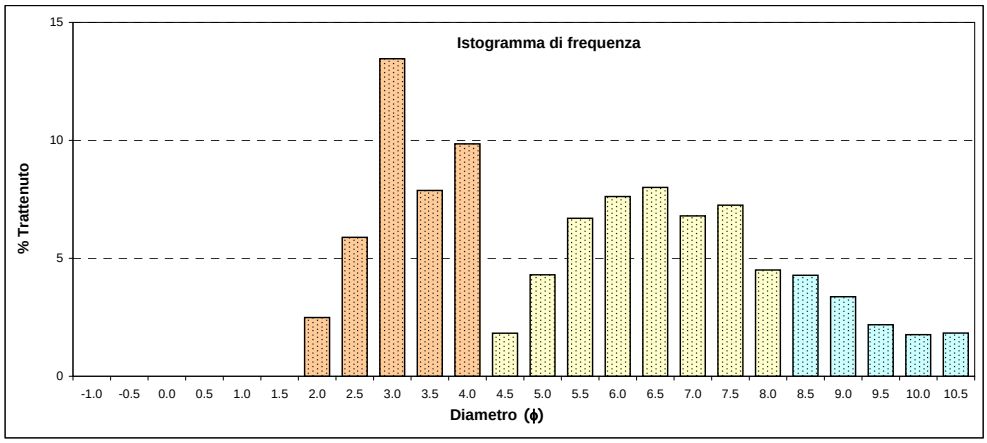
Percentili (Φ)	
5	2.193
16	2.762
25	3.182
50	5.398
75	7.072
84	7.821
95	9.269

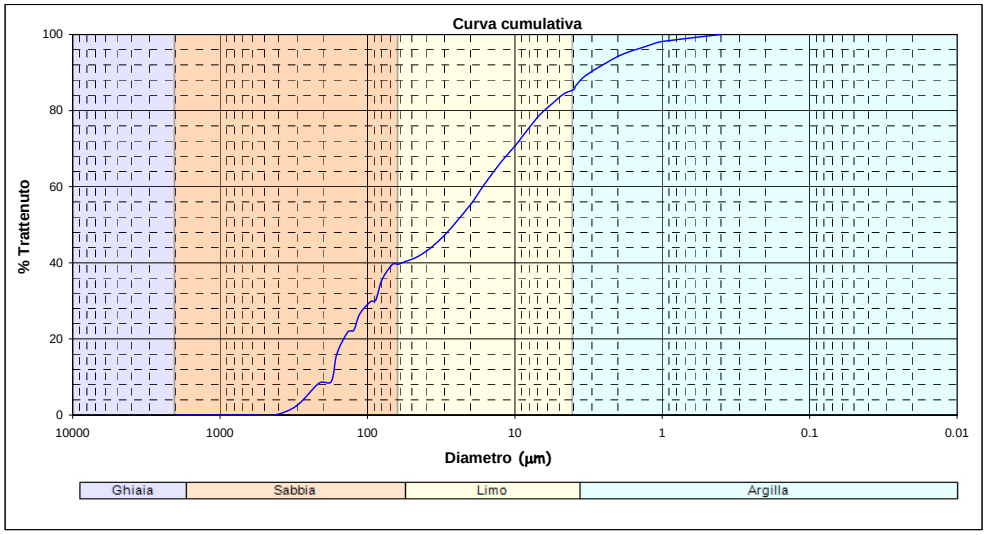
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.49%	2.49%
250	2		
250	2	5.89%	8.38%
176.78	2.5		
176.78	2.5	0.46%	8.84%
175	2.515		
175	2.515	7.28%	16.12%
147	2.766		
147	2.766	5.72%	21.84%
125	3		
125	3	0.43%	22.27%
123	3.023		
123	3.023	4.28%	26.54%
103	3.279		
103	3.279	3.17%	29.72%
88.39	3.5		
88.39	3.5	0.51%	30.22%
87	3.523		
87	3.523	5.23%	35.46%
73	3.776		
73	3.776	4.11%	39.56%
62.5	4		
62.5	4	0.04%	39.61%
61	4.035		
61	4.035	0.68%	40.28%
51	4.293		
51	4.293	1.11%	41.39%
43	4.54		
43	4.54	1.78%	43.17%
36	4.796		
36	4.796	2.52%	45.69%
30	5.059		
30	5.059	3.17%	48.87%
25	5.322		
25	5.322	3.52%	52.39%
21	5.573		
21	5.573	3.40%	55.79%
18	5.796		
18	5.796	4.22%	60.01%
15	6.059		
15	6.059	4.19%	64.20%
12.5	6.322		
12.5	6.322	3.81%	68.01%
10.5	6.573		
10.5	6.573	3.19%	71.20%
9	6.796		
9	6.796	3.61%	74.81%
7.5	7.059		
7.5	7.059	4.15%	78.96%
6	7.381		
6	7.381	3.10%	82.06%
5	7.644		
5	7.644	2.35%	84.41%
4.3	7.861		
4.3	7.861	1.08%	85.49%
4	7.966		
4	7.966	1.08%	86.57%
3.7	8.078		
3.7	8.078	2.28%	88.85%
3.1	8.334		
3.1	8.334	2.00%	90.85%
2.6	8.587		
2.6	8.587	1.66%	92.51%
2.2	8.828		
2.2	8.828	1.71%	94.22%
1.8	9.118		
1.8	9.118	1.31%	95.53%
1.5	9.381		
1.5	9.381	0.88%	96.40%
1.3	9.587		
1.3	9.587	0.88%	97.29%
1.1	9.828		
1.1	9.828	0.88%	98.17%
0.9	10.118		
< 0,900	> 10,118	1.83%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 43**
Livello (cm)	**(75-100)**
Peso totale (g)	36.2
Frazione > 63 μm (%)	13.2
Frazione < 63 μm (%)	86.8

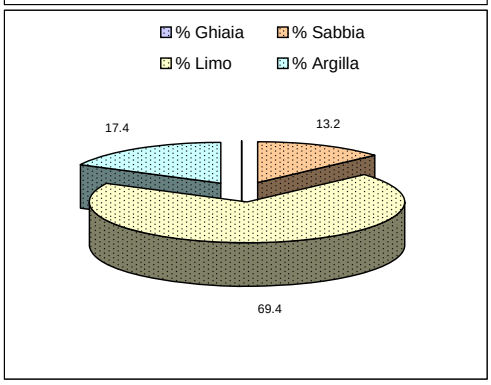
Frazione grossolana (> 63 μm) = 13.2	
% Ghiaia	**% Sabbia**
0.0	**13.2**

Frazione pelitica (< 63 μm) = 86.8	
% Limo	**% Argilla**
69.4	**17.4**

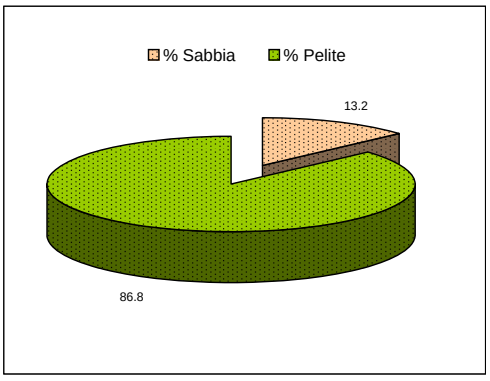
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.102
Deviazione Standard	1.872
Asimmetria (Skewness)	0.185
Appuntimento (Kurtosis)	0.982
Mediana (Φ)	5.919
Moda (Φ)	5.500

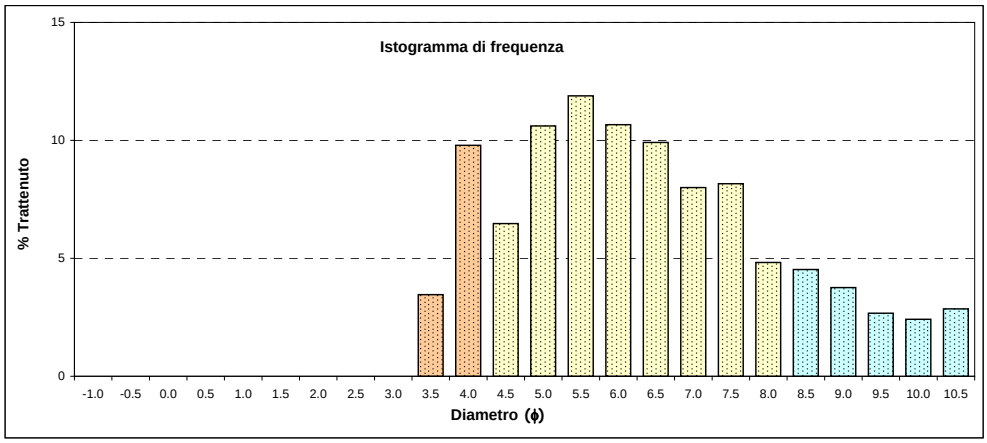
Percentili (Φ)	
5	3.577
16	4.286
25	4.813
50	5.919
75	7.342
84	8.101
95	9.639

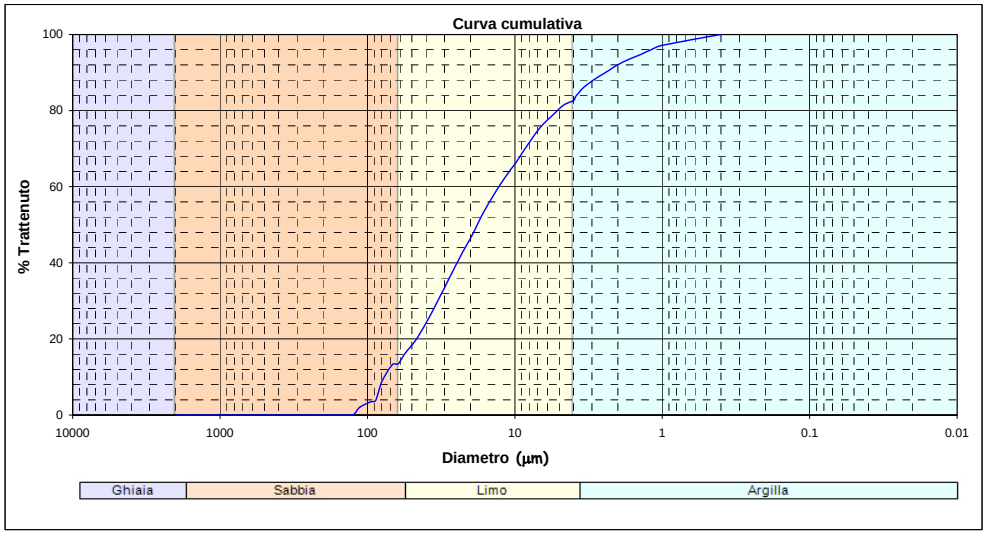
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.18%	0.18%
123	3.023		
123	3.023	1.83%	2.01%
103	3.279		
103	3.279	1.45%	3.46%
88.39	3.5		
88.39	3.5	0.43%	3.90%
87	3.523		
87	3.523	4.87%	8.76%
73	3.776		
73	3.776	4.49%	13.25%
62.5	4		
62.5	4	0.19%	13.44%
61	4.035		
61	4.035	2.63%	16.07%
51	4.293		
51	4.293	3.65%	19.72%
43	4.54		
43	4.54	4.87%	24.60%
36	4.796		
36	4.796	5.74%	30.33%
30	5.059		
30	5.059	6.07%	36.40%
25	5.322		
25	5.322	5.81%	42.22%
21	5.573		
21	5.573	5.00%	47.22%
18	5.796		
18	5.796	5.67%	52.88%
15	6.059		
15	6.059	5.28%	58.16%
12.5	6.322		
12.5	6.322	4.63%	62.79%
10.5	6.573		
10.5	6.573	3.79%	66.58%
9	6.796		
9	6.796	4.21%	70.79%
7.5	7.059		
7.5	7.059	4.73%	75.52%
6	7.381		
6	7.381	3.43%	78.95%
5	7.644		
5	7.644	2.54%	81.49%
4.3	7.861		
4.3	7.861	1.14%	82.63%
4	7.966		
4	7.966	1.14%	83.77%
3.7	8.078		
3.7	8.078	2.40%	86.17%
3.1	8.334		
3.1	8.334	2.12%	88.30%
2.6	8.587		
2.6	8.587	1.81%	90.11%
2.2	8.828		
2.2	8.828	1.95%	92.06%
1.8	9.118		
1.8	9.118	1.57%	93.62%
1.5	9.381		
1.5	9.381	1.11%	94.73%
1.3	9.587		
1.3	9.587	1.17%	95.90%
1.1	9.828		
1.1	9.828	1.24%	97.14%
0.9	10.118		
< 0,900	> 10,118	2.86%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 43**
Livello (cm)	**(100-125)**
Peso totale (g)	58.6
Frazione > 63 μm (%)	11.5
Frazione < 63 μm (%)	88.5

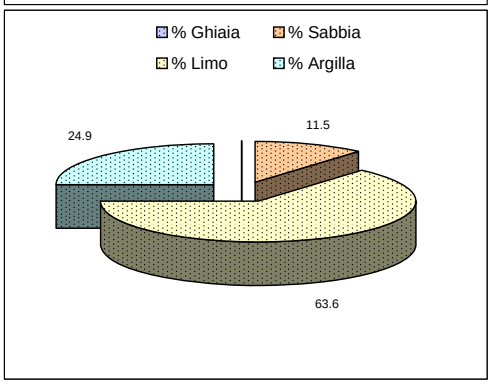
Frazione grossolana (> 63 μm) =	**11.5**
% Ghiaia	**% Sabbia**
0.0	**11.5**

Frazione pelitica (< 63 μm) =	**88.5**
% Limo	**% Argilla**
63.6	**24.9**

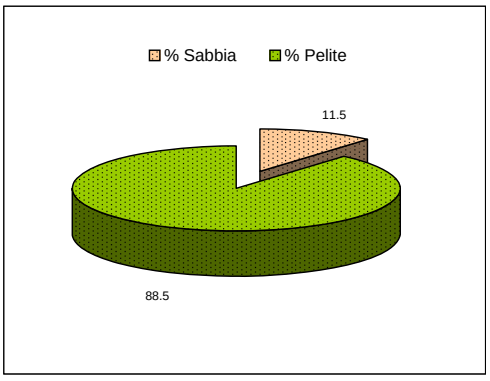
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.786
Deviazione Standard	1.891
Asimmetria (Skewness)	0.016
Appuntimento (Kurtosis)	1.156
Mediana (Φ)	6.710
Moda (Φ)	6.500

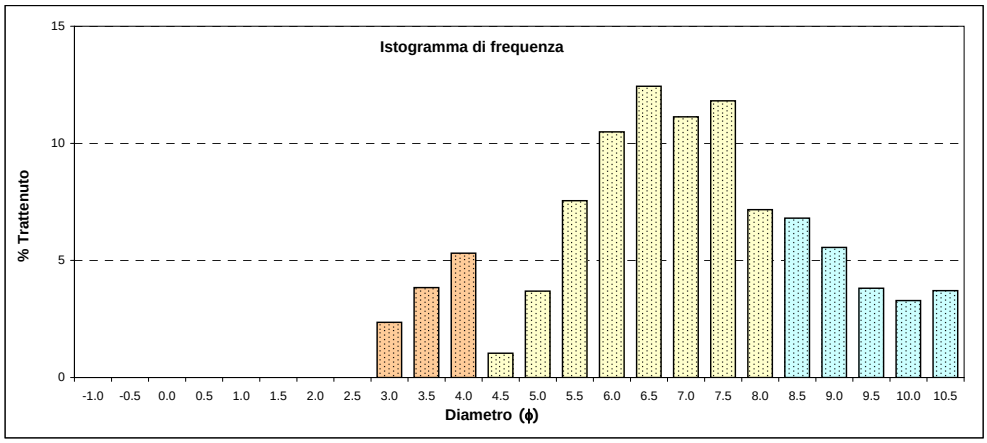
Percentili (Φ)	
5	3.325
16	5.031
25	5.631
50	6.710
75	7.958
84	8.618
95	9.890

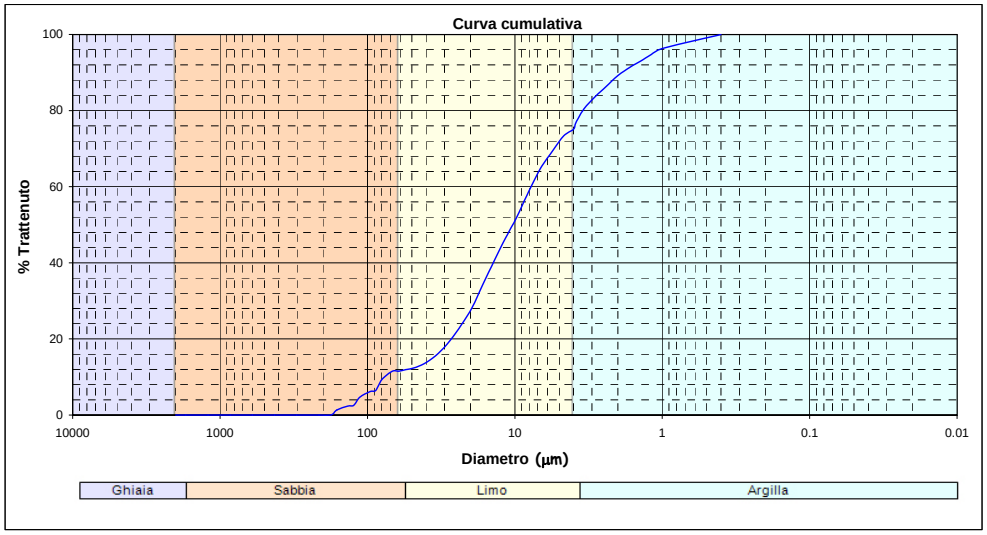
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.08%	0.08%
175	2.515		
175	2.515	1.27%	1.35%
147	2.766		
147	2.766	1.00%	2.36%
125	3		
125	3	0.21%	2.56%
123	3.023		
123	3.023	2.10%	4.66%
103	3.279		
103	3.279	1.53%	6.19%
88.39	3.5		
88.39	3.5	0.28%	6.47%
87	3.523		
87	3.523	2.83%	9.30%
73	3.776		
73	3.776	2.20%	11.50%
62.5	4		
62.5	4	0.01%	11.51%
61	4.035		
61	4.035	0.32%	11.84%
51	4.293		
51	4.293	0.70%	12.54%
43	4.54		
43	4.54	1.38%	13.92%
36	4.796		
36	4.796	2.31%	16.23%
30	5.059		
30	5.059	3.35%	19.58%
25	5.322		
25	5.322	4.20%	23.78%
21	5.573		
21	5.573	4.46%	28.24%
18	5.796		
18	5.796	6.03%	34.27%
15	6.059		
15	6.059	6.38%	40.64%
12.5	6.322		
12.5	6.322	6.06%	46.71%
10.5	6.573		
10.5	6.573	5.19%	51.90%
9	6.796		
9	6.796	5.94%	57.84%
7.5	7.059		
7.5	7.059	6.80%	64.64%
6	7.381		
6	7.381	5.01%	69.65%
5	7.644		
5	7.644	3.76%	73.41%
4.3	7.861		
4.3	7.861	1.70%	75.12%
4	7.966		
4	7.966	1.70%	76.82%
3.7	8.078		
3.7	8.078	3.61%	80.43%
3.1	8.334		
3.1	8.334	3.19%	83.63%
2.6	8.587		
2.6	8.587	2.70%	86.33%
2.2	8.828		
2.2	8.828	2.86%	89.19%
1.8	9.118		
1.8	9.118	2.25%	91.44%
1.5	9.381		
1.5	9.381	1.56%	93.00%
1.3	9.587		
1.3	9.587	1.62%	94.62%
1.1	9.828		
1.1	9.828	1.67%	96.29%
0.9	10.118		
< 0,900	> 10,118	3.71%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(125-150)
Peso totale (g)	74.0
Frazione > 63 µm (%)	38.1
Frazione < 63 µm (%)	61.9

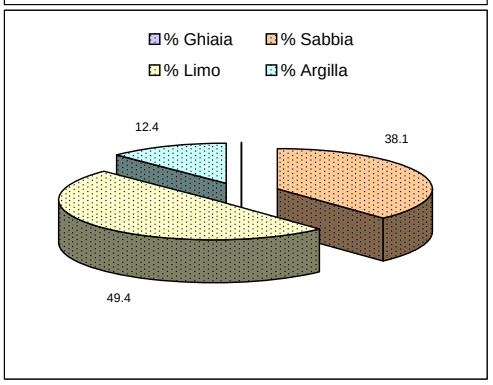
Frazione grossolana (> 63 µm) = 38.1	
% Ghiaia	% Sabbia
0.0	38.1

Frazione pelitica (< 63 µm) = 61.9	
% Limo	% Argilla
49.4	12.4

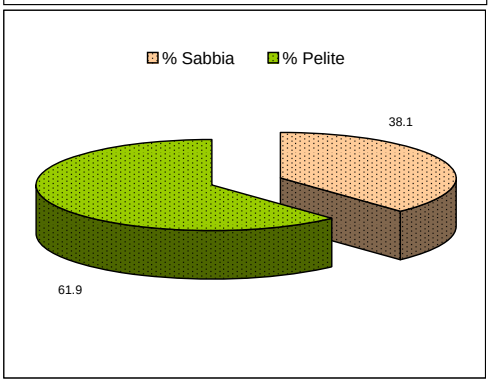
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.189
Deviazione Standard	2.254
Asimmetria (Skewness)	0.131
Appuntimento (Kurtosis)	0.980
Mediana (Φ)	4.997
Moda (Φ)	4.000

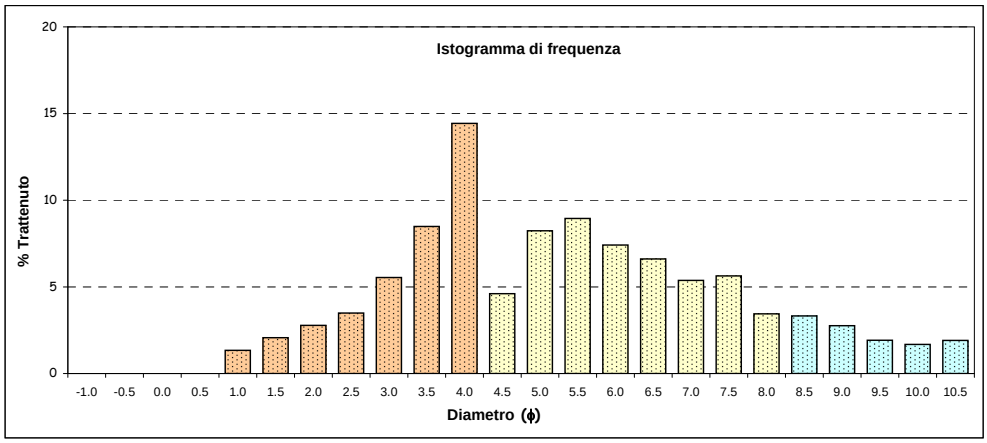
Percentili (Φ)	
5	1.765
16	3.039
25	3.541
50	4.997
75	6.661
84	7.532
95	9.230

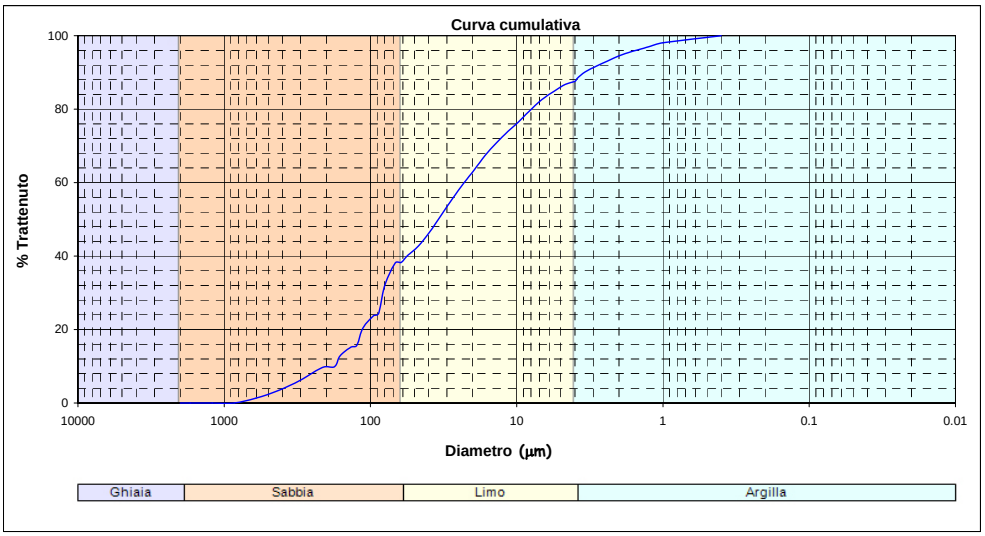
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.34%	1.34%
500	1		
500	1	2.07%	3.41%
353.55	1.5		
353.55	1.5	2.78%	6.19%
250	2		
250	2	3.49%	9.68%
176.78	2.5		
176.78	2.5	0.19%	9.87%
175	2.515		
175	2.515	3.00%	12.87%
147	2.766		
147	2.766	2.35%	15.22%
125	3		
125	3	0.46%	15.68%
123	3.023		
123	3.023	4.64%	20.32%
103	3.279		
103	3.279	3.39%	23.71%
88.39	3.5		
88.39	3.5	0.72%	24.43%
87	3.523		
87	3.523	7.51%	31.94%
73	3.776		
73	3.776	6.20%	38.14%
62.5	4		
62.5	4	0.11%	38.25%
61	4.035		
61	4.035	1.79%	40.04%
51	4.293		
51	4.293	2.70%	42.75%
43	4.54		
43	4.54	3.76%	46.51%
36	4.796		
36	4.796	4.48%	50.98%
30	5.059		
30	5.059	4.65%	55.64%
25	5.322		
25	5.322	4.29%	59.93%
21	5.573		
21	5.573	3.54%	63.47%
18	5.796		
18	5.796	3.87%	67.34%
15	6.059		
15	6.059	3.53%	70.87%
12.5	6.322		
12.5	6.322	3.08%	73.95%
10.5	6.573		
10.5	6.573	2.53%	76.48%
9	6.796		
9	6.796	2.84%	79.33%
7.5	7.059		
7.5	7.059	3.24%	82.57%
6	7.381		
6	7.381	2.39%	84.96%
5	7.644		
5	7.644	1.80%	86.76%
4.3	7.861		
4.3	7.861	0.82%	87.59%
4	7.966		
4	7.966	0.82%	88.41%
3.7	8.078		
3.7	8.078	1.76%	90.17%
3.1	8.334		
3.1	8.334	1.57%	91.73%
2.6	8.587		
2.6	8.587	1.34%	93.07%
2.2	8.828		
2.2	8.828	1.42%	94.49%
1.8	9.118		
1.8	9.118	1.13%	95.62%
1.5	9.381		
1.5	9.381	0.79%	96.41%
1.3	9.587		
1.3	9.587	0.82%	97.23%
1.1	9.828		
1.1	9.828	0.86%	98.09%
0.9	10.118		
< 0,900	> 10,118	1.91%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(150-175)
Peso totale (g)	38.2
Frazione > 63 μm (%)	20.5
Frazione < 63 μm (%)	79.5

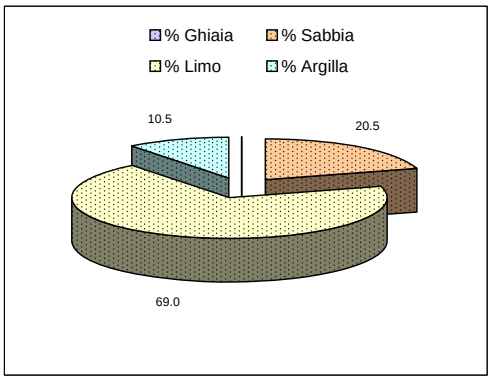
Frazione grossolana (> 63 μm) = 20.5	
% Ghiaia	% Sabbia
0.0	20.5

Frazione pelitica (< 63 μm) = 79.5	
% Limo	% Argilla
69.0	10.5

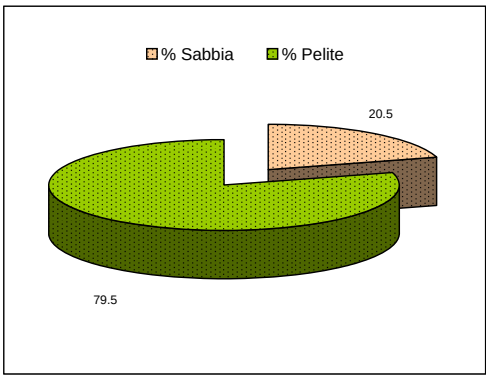
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.465
Deviazione Standard	1.804
Asimmetria (Skewness)	0.183
Appuntimento (Kurtosis)	1.072
Mediana (Φ)	5.279
Moda (Φ)	5.000

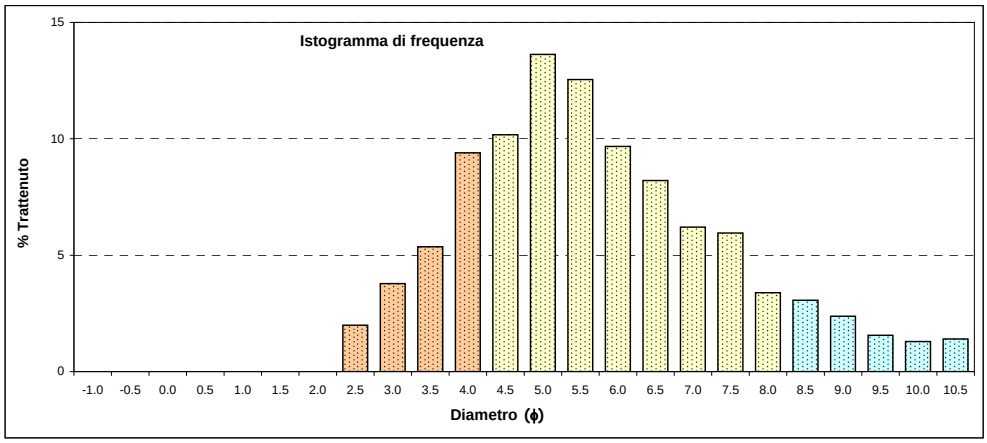
Percentili (Φ)	
5	2.883
16	3.783
25	4.279
50	5.279
75	6.590
84	7.335
95	8.931

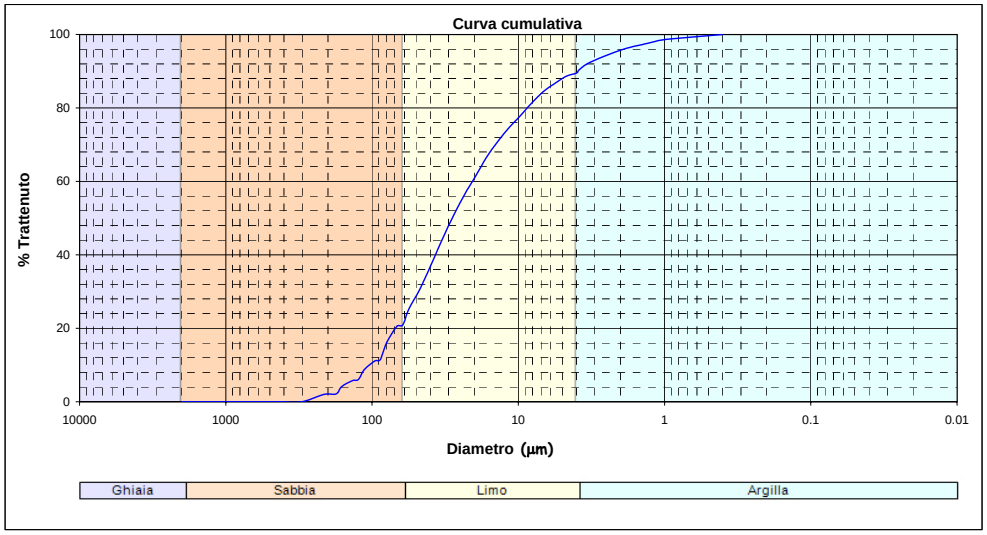
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.99%	1.99%
176.78	2.5		
176.78	2.5	0.13%	2.12%
175	2.515		
175	2.515	2.04%	4.16%
147	2.766		
147	2.766	1.61%	5.77%
125	3		
125	3	0.26%	6.04%
123	3.023		
123	3.023	2.74%	8.78%
103	3.279		
103	3.279	2.35%	11.13%
88.39	3.5		
88.39	3.5	0.34%	11.47%
87	3.523		
87	3.523	4.38%	15.85%
73	3.776		
73	3.776	4.68%	20.53%
62.5	4		
62.5	4	0.34%	20.87%
61	4.035		
61	4.035	4.35%	25.22%
51	4.293		
51	4.293	5.48%	30.70%
43	4.54		
43	4.54	6.61%	37.31%
36	4.796		
36	4.796	7.02%	44.33%
30	5.059		
30	5.059	6.70%	51.02%
25	5.322		
25	5.322	5.85%	56.87%
21	5.573		
21	5.573	4.68%	61.55%
18	5.796		
18	5.796	5.00%	66.55%
15	6.059		
15	6.059	4.44%	70.99%
12.5	6.322		
12.5	6.322	3.76%	74.76%
10.5	6.573		
10.5	6.573	2.99%	77.75%
9	6.796		
9	6.796	3.22%	80.96%
7.5	7.059		
7.5	7.059	3.49%	84.45%
6	7.381		
6	7.381	2.47%	86.92%
5	7.644		
5	7.644	1.80%	88.72%
4.3	7.861		
4.3	7.861	0.80%	89.51%
4	7.966		
4	7.966	0.80%	90.31%
3.7	8.078		
3.7	8.078	1.65%	91.95%
3.1	8.334		
3.1	8.334	1.42%	93.37%
2.6	8.587		
2.6	8.587	1.17%	94.54%
2.2	8.828		
2.2	8.828	1.21%	95.75%
1.8	9.118		
1.8	9.118	0.93%	96.68%
1.5	9.381		
1.5	9.381	0.63%	97.31%
1.3	9.587		
1.3	9.587	0.64%	97.95%
1.1	9.828		
1.1	9.828	0.65%	98.60%
0.9	10.118		
< 0,900	> 10,118	1.40%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(175-200)
Peso totale (g)	61.5
Frazione > 63 μm (%)	36.4
Frazione < 63 μm (%)	63.6

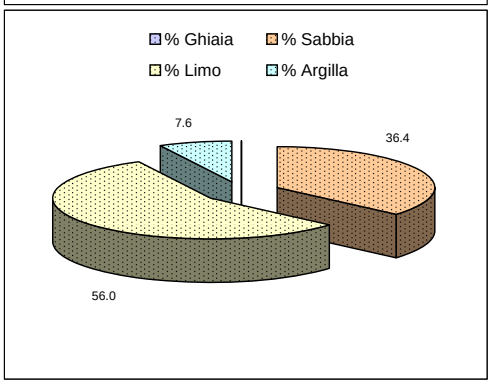
Frazione grossolana (> 63 μm) = 36.4	
% Ghiaia	% Sabbia
0.0	36.4

Frazione pelitica (< 63 μm) = 63.6	
% Limo	% Argilla
56.0	7.6

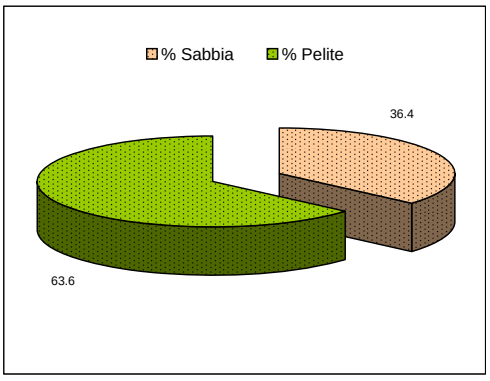
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.852
Deviazione Standard	1.972
Asimmetria (Skewness)	0.098
Appuntimento (Kurtosis)	1.060
Mediana (Φ)	4.784
Moda (Φ)	4.000

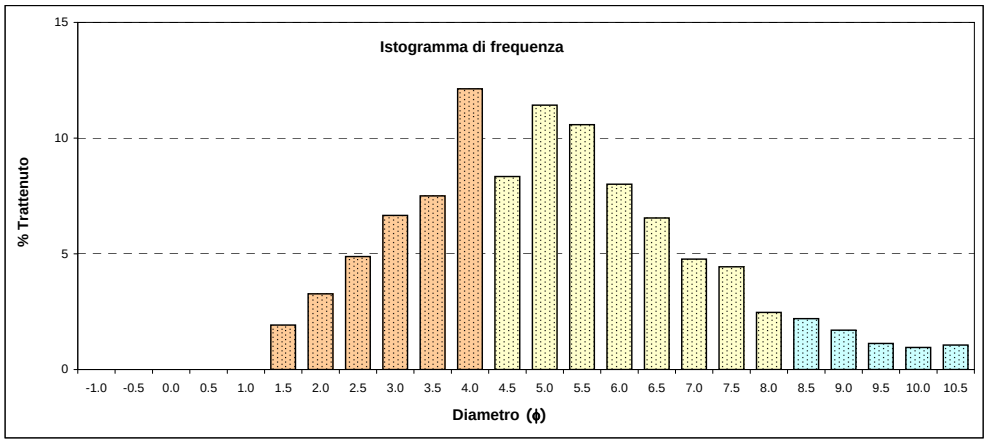
Percentili (Φ)	
5	1.966
16	2.936
25	3.532
50	4.784
75	6.077
84	6.836
95	8.546

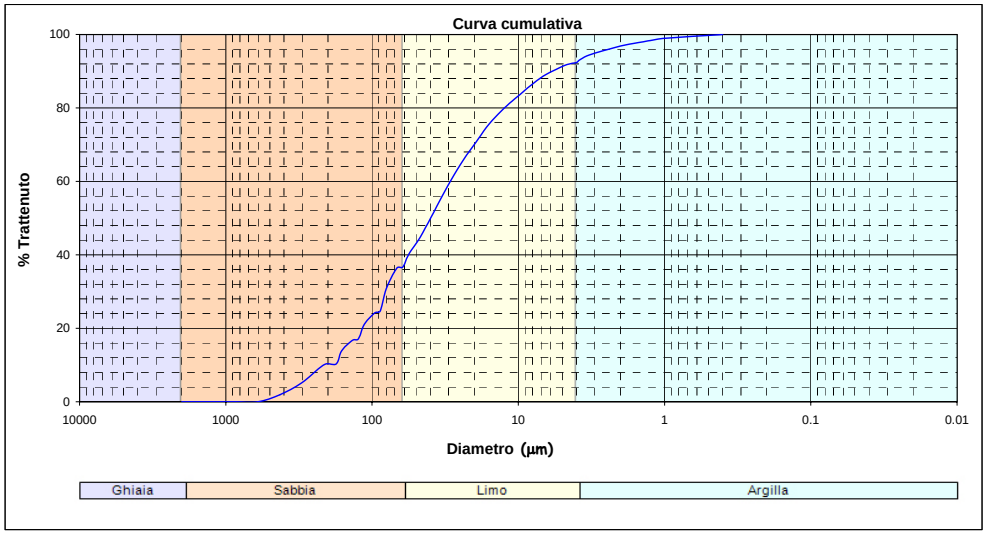
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.92%	1.92%
353.55	1.5		
353.55	1.5	3.27%	5.19%
250	2		
250	2	4.88%	10.07%
176.78	2.5		
176.78	2.5	0.22%	10.29%
175	2.515		
175	2.515	3.59%	13.88%
147	2.766		
147	2.766	2.85%	16.73%
125	3		
125	3	0.39%	17.12%
123	3.023		
123	3.023	3.97%	21.10%
103	3.279		
103	3.279	3.14%	24.24%
88.39	3.5		
88.39	3.5	0.52%	24.76%
87	3.523		
87	3.523	5.98%	30.75%
73	3.776		
73	3.776	5.63%	36.37%
62.5	4		
62.5	4	0.27%	36.64%
61	4.035		
61	4.035	3.54%	40.19%
51	4.293		
51	4.293	4.53%	44.71%
43	4.54		
43	4.54	5.52%	50.23%
36	4.796		
36	4.796	5.90%	56.14%
30	5.059		
30	5.059	5.65%	61.79%
25	5.322		
25	5.322	4.93%	66.72%
21	5.573		
21	5.573	3.91%	70.62%
18	5.796		
18	5.796	4.10%	74.73%
15	6.059		
15	6.059	3.58%	78.31%
12.5	6.322		
12.5	6.322	2.97%	81.28%
10.5	6.573		
10.5	6.573	2.32%	83.60%
9	6.796		
9	6.796	2.45%	86.05%
7.5	7.059		
7.5	7.059	2.61%	88.66%
6	7.381		
6	7.381	1.83%	90.49%
5	7.644		
5	7.644	1.32%	91.80%
4.3	7.861		
4.3	7.861	0.58%	92.38%
4	7.966		
4	7.966	0.58%	92.96%
3.7	8.078		
3.7	8.078	1.18%	94.14%
3.1	8.334		
3.1	8.334	1.01%	95.15%
2.6	8.587		
2.6	8.587	0.84%	95.99%
2.2	8.828		
2.2	8.828	0.86%	96.85%
1.8	9.118		
1.8	9.118	0.67%	97.52%
1.5	9.381		
1.5	9.381	0.46%	97.98%
1.3	9.587		
1.3	9.587	0.47%	98.45%
1.1	9.828		
1.1	9.828	0.48%	98.94%
0.9	10.118		
< 0,900	> 10,118	1.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(200-225)
Peso totale (g)	93.7
Frazione > 63 µm (%)	16.7
Frazione < 63 µm (%)	83.3

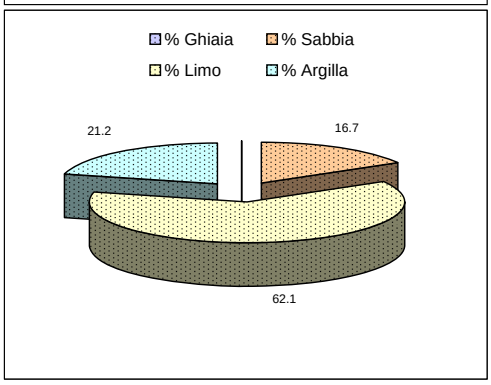
Frazione grossolana (> 63 µm) = 16.7	
% Ghiaia	% Sabbia
0.0	16.7

Frazione pelitica (< 63 µm) = 83.3	
% Limo	% Argilla
62.1	21.2

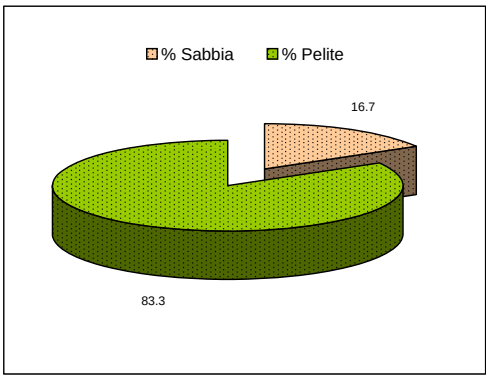
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.186
Deviazione Standard	2.180
Asimmetria (Skewness)	0.002
Appuntimento (Kurtosis)	0.984
Mediana (Φ)	6.201
Moda (Φ)	6.500

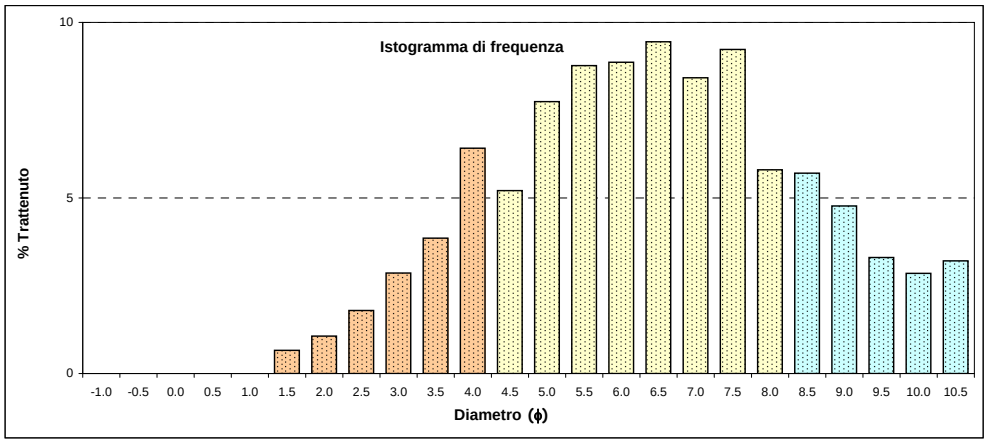
Percentili (Φ)	
5	2.736
16	3.949
25	4.759
50	6.201
75	7.688
84	8.408
95	9.766

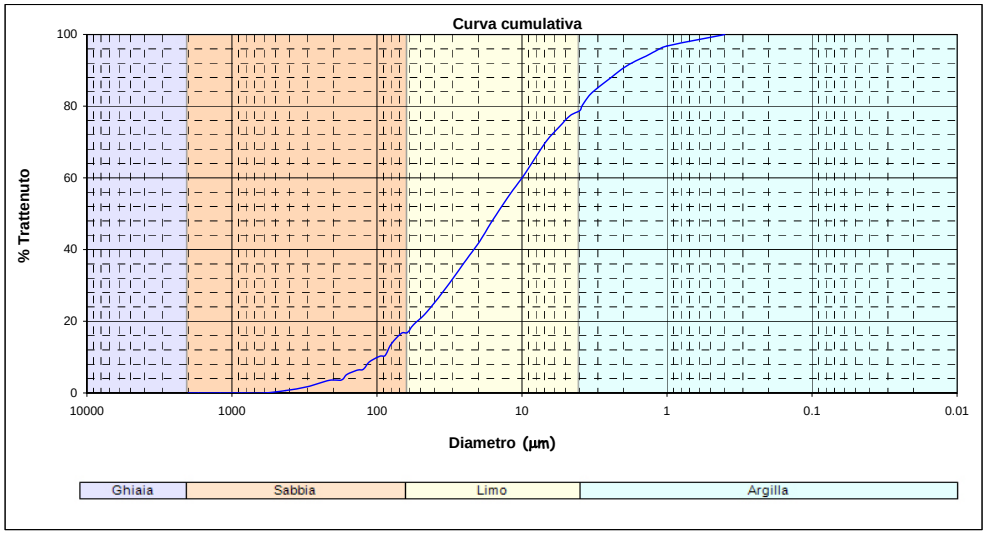
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.66%	0.66%
353.55	1.5		
353.55	1.5	1.07%	1.73%
250	2		
250	2	1.79%	3.52%
176.78	2.5		
176.78	2.5	0.10%	3.62%
175	2.515		
175	2.515	1.55%	5.17%
147	2.766		
147	2.766	1.22%	6.39%
125	3		
125	3	0.21%	6.59%
123	3.023		
123	3.023	2.07%	8.66%
103	3.279		
103	3.279	1.58%	10.24%
88.39	3.5		
88.39	3.5	0.26%	10.50%
87	3.523		
87	3.523	3.10%	13.59%
73	3.776		
73	3.776	3.07%	16.66%
62.5	4		
62.5	4	0.17%	16.83%
61	4.035		
61	4.035	2.19%	19.02%
51	4.293		
51	4.293	2.85%	21.87%
43	4.54		
43	4.54	3.61%	25.48%
36	4.796		
36	4.796	4.14%	29.61%
30	5.059		
30	5.059	4.40%	34.01%
25	5.322		
25	5.322	4.37%	38.38%
21	5.573		
21	5.573	3.99%	42.37%
18	5.796		
18	5.796	4.88%	47.24%
15	6.059		
15	6.059	4.89%	52.14%
12.5	6.322		
12.5	6.322	4.56%	56.69%
10.5	6.573		
10.5	6.573	3.90%	60.60%
9	6.796		
9	6.796	4.52%	65.12%
7.5	7.059		
7.5	7.059	5.27%	70.39%
6	7.381		
6	7.381	3.96%	74.35%
5	7.644		
5	7.644	3.02%	77.36%
4.3	7.861		
4.3	7.861	1.39%	78.76%
4	7.966		
4	7.966	1.39%	80.15%
3.7	8.078		
3.7	8.078	3.01%	83.16%
3.1	8.334		
3.1	8.334	2.70%	85.86%
2.6	8.587		
2.6	8.587	2.31%	88.17%
2.2	8.828		
2.2	8.828	2.46%	90.63%
1.8	9.118		
1.8	9.118	1.95%	92.58%
1.5	9.381		
1.5	9.381	1.35%	93.94%
1.3	9.587		
1.3	9.587	1.40%	95.34%
1.1	9.828		
1.1	9.828	1.45%	96.79%
0.9	10.118		
< 0,900	> 10,118	3.21%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 43**
Livello (cm)	**(225-250)**
Peso totale (g)	106.5
Frazione > 63 μm (%)	86.5
Frazione < 63 μm (%)	13.5

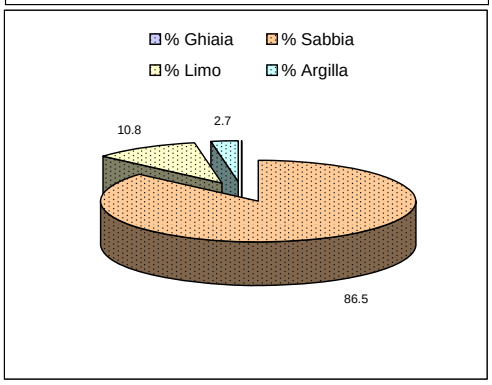
Frazione grossolana (> 63 μm) = 86.5	
% Ghiaia	**% Sabbia**
0.0	**86.5**

Frazione pelitica (< 63 μm) = 13.5	
% Limo	**% Argilla**
10.8	**2.7**

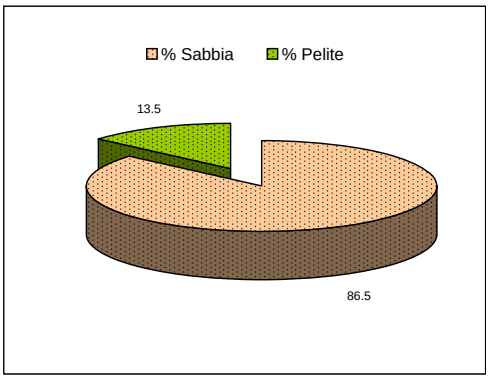
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.248
Deviazione Standard	1.392
Asimmetria (Skewness)	0.542
Appuntimento (Kurtosis)	2.183
Mediana (Φ)	1.976
Moda (Φ)	2.000

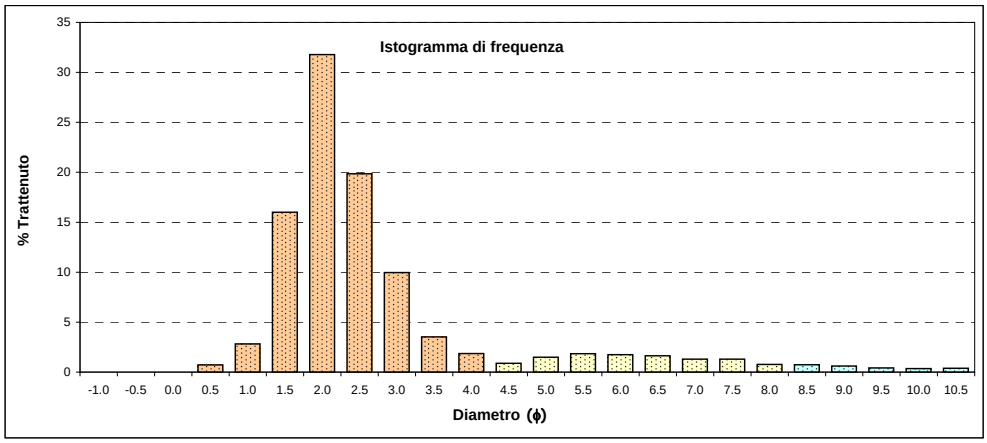
Percentili (Φ)	
5	1.039
16	1.374
25	1.575
50	1.976
75	2.673
84	3.395
95	6.890

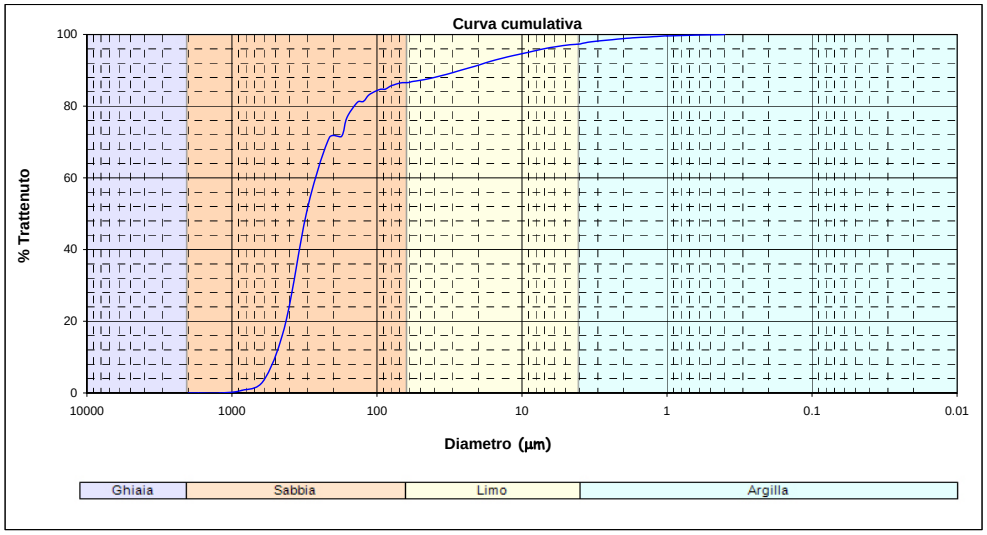
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.71%	0.71%
707.11	0.5		
707.11	0.5	2.82%	3.53%
500	1		
500	1	16.00%	19.53%
353.55	1.5		
353.55	1.5	31.79%	51.31%
250	2		
250	2	19.85%	71.16%
176.78	2.5		
176.78	2.5	0.34%	71.50%
175	2.515		
175	2.515	5.39%	76.89%
147	2.766		
147	2.766	4.23%	81.12%
125	3		
125	3	0.19%	81.31%
123	3.023		
123	3.023	1.91%	83.22%
103	3.279		
103	3.279	1.43%	84.65%
88.39	3.5		
88.39	3.5	0.09%	84.74%
87	3.523		
87	3.523	0.95%	85.69%
73	3.776		
73	3.776	0.83%	86.51%
62.5	4		
62.5	4	0.03%	86.54%
61	4.035		
61	4.035	0.36%	86.90%
51	4.293		
51	4.293	0.49%	87.39%
43	4.54		
43	4.54	0.67%	88.06%
36	4.796		
36	4.796	0.83%	88.89%
30	5.059		
30	5.059	0.92%	89.81%
25	5.322		
25	5.322	0.92%	90.73%
21	5.573		
21	5.573	0.81%	91.54%
18	5.796		
18	5.796	0.94%	92.48%
15	6.059		
15	6.059	0.88%	93.36%
12.5	6.322		
12.5	6.322	0.76%	94.12%
10.5	6.573		
10.5	6.573	0.62%	94.74%
9	6.796		
9	6.796	0.68%	95.42%
7.5	7.059		
7.5	7.059	0.75%	96.18%
6	7.381		
6	7.381	0.55%	96.72%
5	7.644		
5	7.644	0.41%	97.13%
4.3	7.861		
4.3	7.861	0.18%	97.32%
4	7.966		
4	7.966	0.18%	97.50%
3.7	8.078		
3.7	8.078	0.39%	97.89%
3.1	8.334		
3.1	8.334	0.35%	98.24%
2.6	8.587		
2.6	8.587	0.29%	98.53%
2.2	8.828		
2.2	8.828	0.31%	98.85%
1.8	9.118		
1.8	9.118	0.24%	99.09%
1.5	9.381		
1.5	9.381	0.17%	99.26%
1.3	9.587		
1.3	9.587	0.17%	99.43%
1.1	9.828		
1.1	9.828	0.18%	99.61%
0.9	10.118		
< 0,900	> 10,118	0.39%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(250-275)
Peso totale (g)	34.2
Frazione > 63 μm (%)	35.2
Frazione < 63 μm (%)	64.8

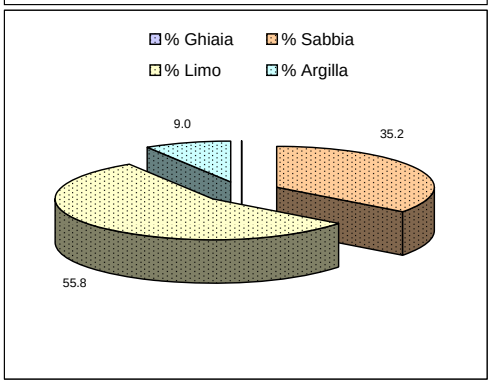
Frazione grossolana (> 63 μm) = 35.2	
% Ghiaia	% Sabbia
0.0	35.2

Frazione pelitica (< 63 μm) = 64.8	
% Limo	% Argilla
55.8	9.0

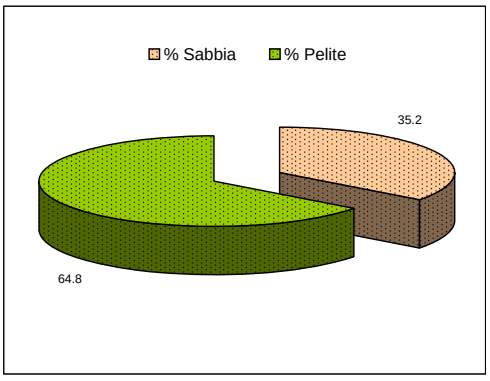
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.814
Deviazione Standard	2.188
Asimmetria (Skewness)	0.045
Appuntimento (Kurtosis)	1.027
Mediana (Φ)	4.840
Moda (Φ)	5.000

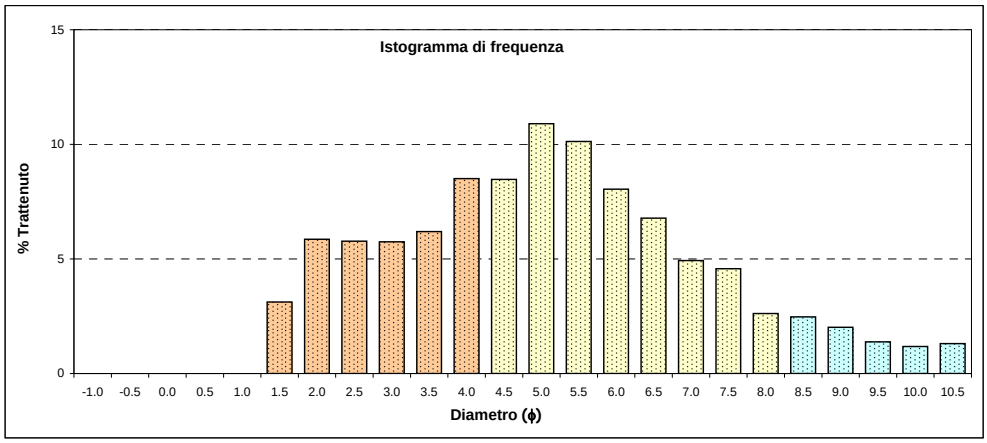
Percentili (Φ)	
5	1.642
16	2.594
25	3.356
50	4.840
75	6.214
84	7.008
95	8.803

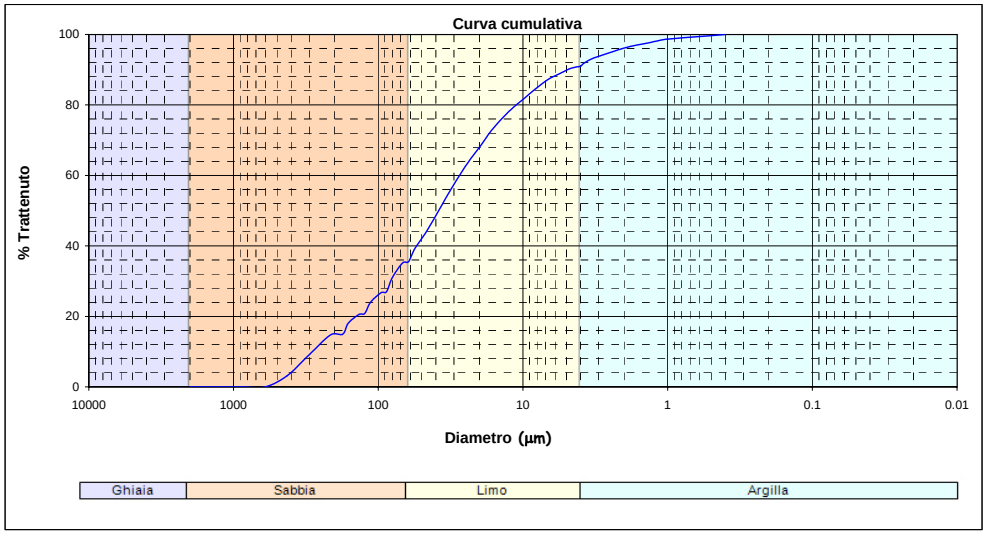
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.12%	3.12%
353.55	1.5		
353.55	1.5	5.86%	8.98%
250	2		
250	2	5.78%	14.76%
176.78	2.5		
176.78	2.5	0.20%	14.96%
175	2.515		
175	2.515	3.11%	18.06%
147	2.766		
147	2.766	2.44%	20.51%
125	3		
125	3	0.32%	20.83%
123	3.023		
123	3.023	3.20%	24.03%
103	3.279		
103	3.279	2.67%	26.70%
88.39	3.5		
88.39	3.5	0.31%	27.01%
87	3.523		
87	3.523	3.99%	31.00%
73	3.776		
73	3.776	4.20%	35.20%
62.5	4		
62.5	4	0.30%	35.50%
61	4.035		
61	4.035	3.68%	39.18%
51	4.293		
51	4.293	4.49%	43.67%
43	4.54		
43	4.54	5.31%	48.98%
36	4.796		
36	4.796	5.59%	54.57%
30	5.059		
30	5.059	5.36%	59.94%
25	5.322		
25	5.322	4.76%	64.70%
21	5.573		
21	5.573	3.87%	68.57%
18	5.796		
18	5.796	4.17%	72.74%
15	6.059		
15	6.059	3.70%	76.43%
12.5	6.322		
12.5	6.322	3.09%	79.52%
10.5	6.573		
10.5	6.573	2.40%	81.92%
9	6.796		
9	6.796	2.53%	84.45%
7.5	7.059		
7.5	7.059	2.69%	87.14%
6	7.381		
6	7.381	1.89%	89.03%
5	7.644		
5	7.644	1.38%	90.41%
4.3	7.861		
4.3	7.861	0.62%	91.03%
4	7.966		
4	7.966	0.62%	91.64%
3.7	8.078		
3.7	8.078	1.31%	92.95%
3.1	8.334		
3.1	8.334	1.16%	94.11%
2.6	8.587		
2.6	8.587	0.98%	95.10%
2.2	8.828		
2.2	8.828	1.04%	96.13%
1.8	9.118		
1.8	9.118	0.82%	96.95%
1.5	9.381		
1.5	9.381	0.56%	97.51%
1.3	9.587		
1.3	9.587	0.58%	98.10%
1.1	9.828		
1.1	9.828	0.60%	98.69%
0.9	10.118		
< 0,900	> 10,118	1.31%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 43
Livello (cm)	(275-300)
Peso totale (g)	75.2
Frazione > 63 μm (%)	14.6
Frazione < 63 μm (%)	85.4

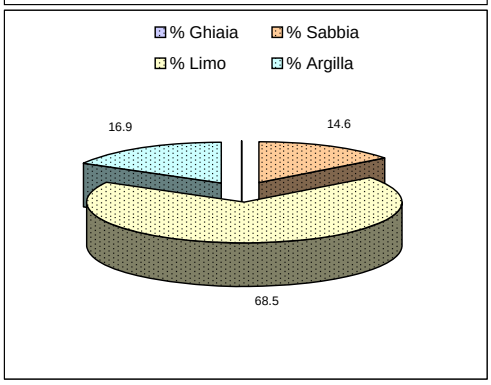
Frazione grossolana (> 63 μm) = 14.6	
% Ghiaia	% Sabbia
0.0	14.6

Frazione pelitica (< 63 μm) = 85.4	
% Limo	% Argilla
68.5	16.9

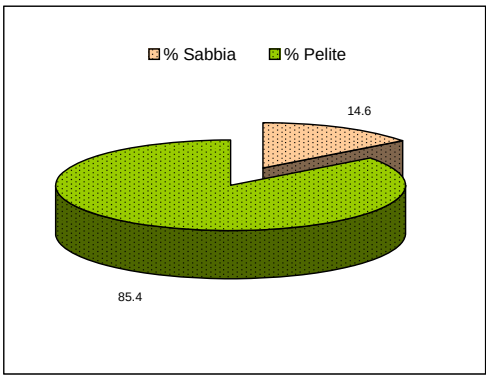
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.022
Deviazione Standard	1.949
Asimmetria (Skewness)	0.119
Appuntimento (Kurtosis)	1.013
Mediana (Φ)	5.886
Moda (Φ)	5.500

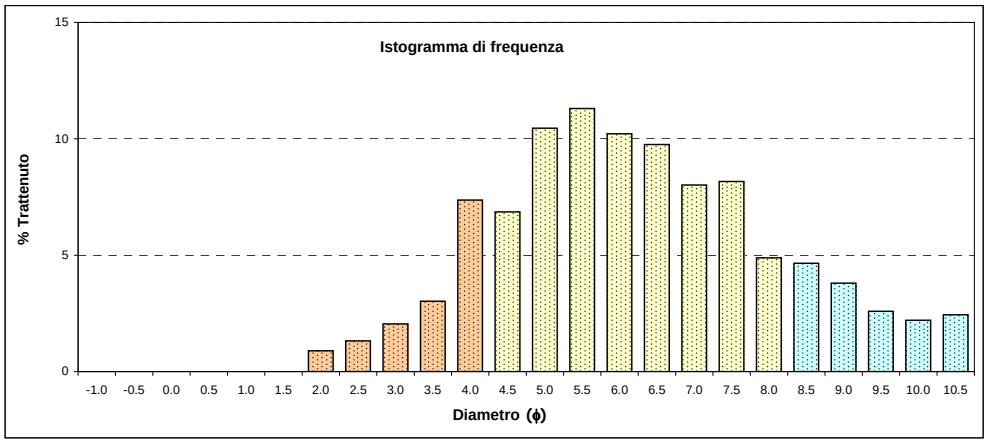
Percentili (Φ)	
5	3.112
16	4.133
25	4.718
50	5.886
75	7.308
84	8.048
95	9.515

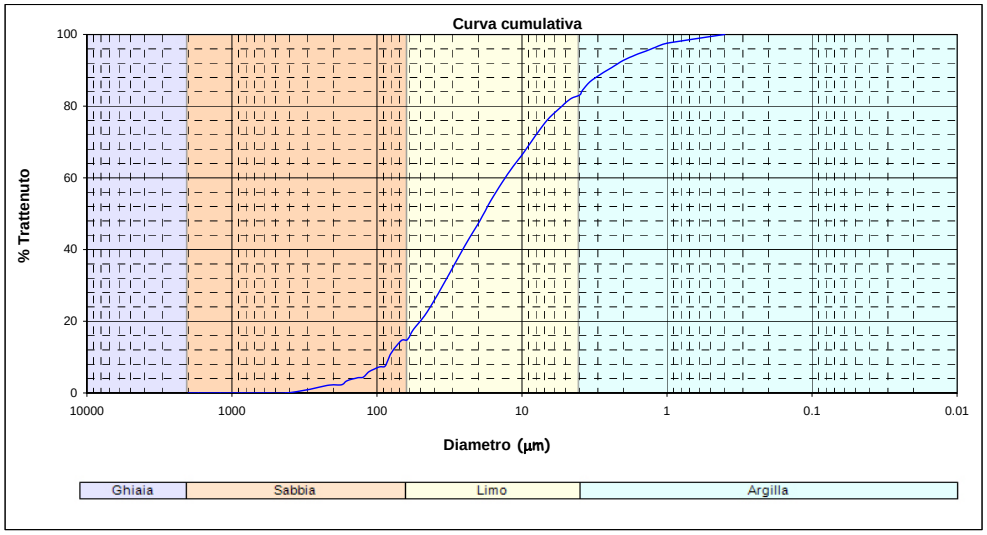
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.89%	0.89%
250	2		
250	2	1.32%	2.21%
176.78	2.5		
176.78	2.5	0.07%	2.28%
175	2.515		
175	2.515	1.11%	3.39%
147	2.766		
147	2.766	0.87%	4.26%
125	3		
125	3	0.16%	4.42%
123	3.023		
123	3.023	1.58%	6.00%
103	3.279		
103	3.279	1.28%	7.28%
88.39	3.5		
88.39	3.5	0.29%	7.57%
87	3.523		
87	3.523	3.51%	11.07%
73	3.776		
73	3.776	3.57%	14.65%
62.5	4		
62.5	4	0.21%	14.86%
61	4.035		
61	4.035	2.85%	17.72%
51	4.293		
51	4.293	3.79%	21.51%
43	4.54		
43	4.54	4.88%	26.38%
36	4.796		
36	4.796	5.58%	31.96%
30	5.059		
30	5.059	5.79%	37.75%
25	5.322		
25	5.322	5.51%	43.26%
21	5.573		
21	5.573	4.76%	48.02%
18	5.796		
18	5.796	5.46%	53.48%
15	6.059		
15	6.059	5.16%	58.64%
12.5	6.322		
12.5	6.322	4.59%	63.23%
10.5	6.573		
10.5	6.573	3.79%	67.02%
9	6.796		
9	6.796	4.22%	71.25%
7.5	7.059		
7.5	7.059	4.73%	75.97%
6	7.381		
6	7.381	3.44%	79.41%
5	7.644		
5	7.644	2.56%	81.98%
4.3	7.861		
4.3	7.861	1.16%	83.14%
4	7.966		
4	7.966	1.16%	84.30%
3.7	8.078		
3.7	8.078	2.47%	86.77%
3.1	8.334		
3.1	8.334	2.19%	88.96%
2.6	8.587		
2.6	8.587	1.85%	90.81%
2.2	8.828		
2.2	8.828	1.95%	92.76%
1.8	9.118		
1.8	9.118	1.53%	94.30%
1.5	9.381		
1.5	9.381	1.06%	95.35%
1.3	9.587		
1.3	9.587	1.09%	96.44%
1.1	9.828		
1.1	9.828	1.12%	97.56%
0.9	10.118		
< 0,900	> 10,118	2.44%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 44
Livello (cm)	(0-25)
Peso totale (g)	8.7
Frazione > 63 μm (%)	3.0
Frazione < 63 μm (%)	97.0

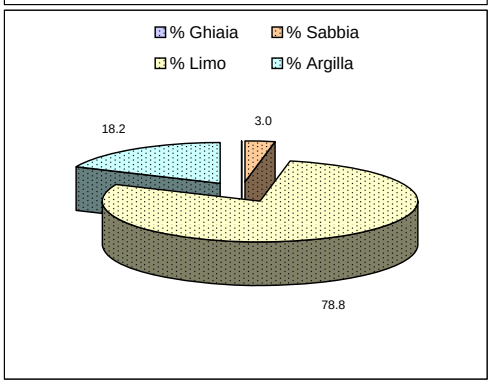
Frazione grossolana (> 63 μm) = 3.0	
% Ghiaia	% Sabbia
0.0	3.0

Frazione pelitica (< 63 μm) = 97.0	
% Limo	% Argilla
78.8	18.2

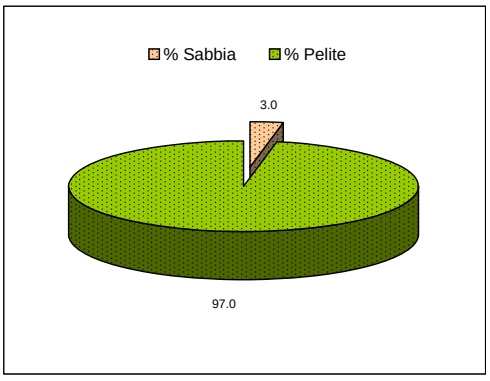
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.375
Deviazione Standard	1.655
Asimmetria (Skewness)	0.228
Appuntimento (Kurtosis)	0.962
Mediana (Φ)	6.160
Moda (Φ)	5.500

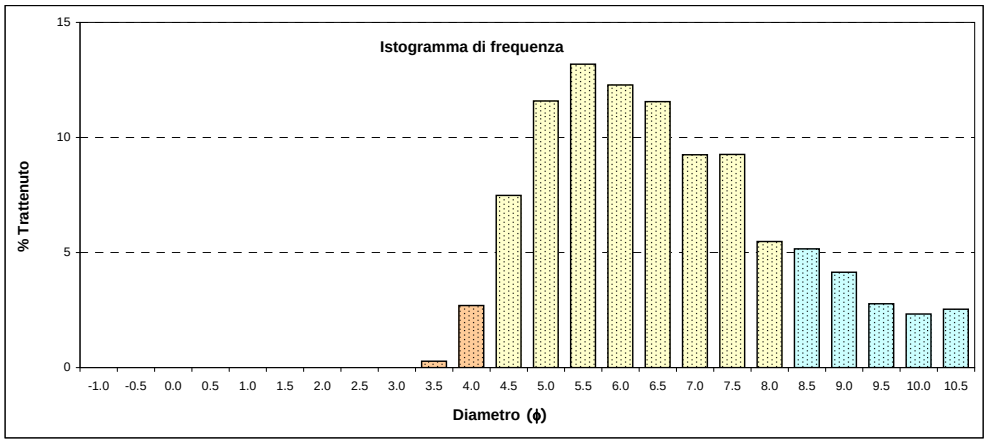
Percentili (Φ)	
5	4.176
16	4.804
25	5.170
50	6.160
75	7.464
84	8.161
95	9.560

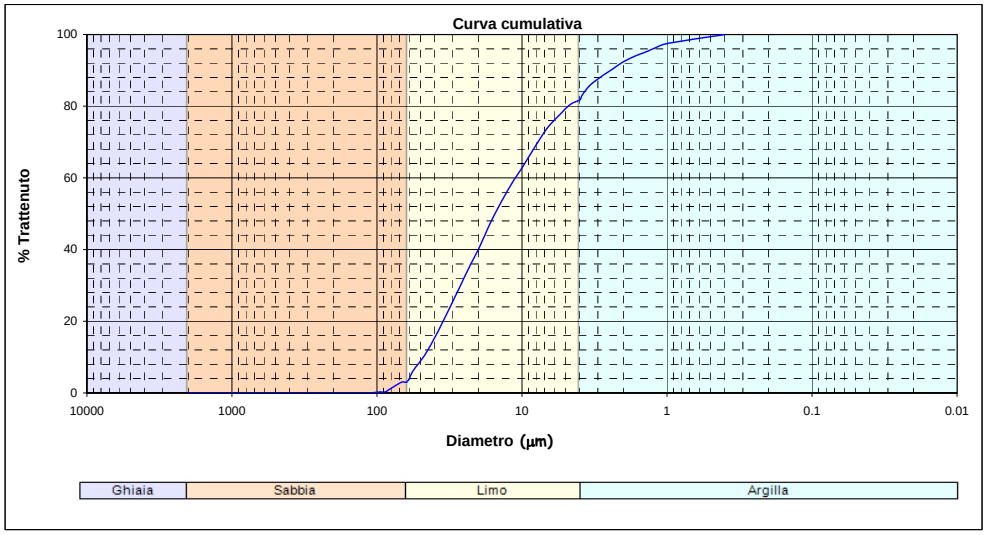
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.28%	0.28%
88.39	3.5		
88.39	3.5	0.03%	0.31%
87	3.523		
87	3.523	0.96%	1.27%
73	3.776		
73	3.776	1.71%	2.98%
62.5	4		
62.5	4	0.24%	3.22%
61	4.035		
61	4.035	3.12%	6.35%
51	4.293		
51	4.293	4.11%	10.46%
43	4.54		
43	4.54	5.34%	15.80%
36	4.796		
36	4.796	6.25%	22.04%
30	5.059		
30	5.059	6.67%	28.71%
25	5.322		
25	5.322	6.51%	35.23%
21	5.573		
21	5.573	5.71%	40.93%
18	5.796		
18	5.796	6.57%	47.51%
15	6.059		
15	6.059	6.16%	53.66%
12.5	6.322		
12.5	6.322	5.40%	59.07%
10.5	6.573		
10.5	6.573	4.40%	63.47%
9	6.796		
9	6.796	4.85%	68.31%
7.5	7.059		
7.5	7.059	5.38%	73.69%
6	7.381		
6	7.381	3.89%	77.58%
5	7.644		
5	7.644	2.88%	80.46%
4.3	7.861		
4.3	7.861	1.30%	81.76%
4	7.966		
4	7.966	1.30%	83.06%
3.7	8.078		
3.7	8.078	2.74%	85.80%
3.1	8.334		
3.1	8.334	2.41%	88.22%
2.6	8.587		
2.6	8.587	2.03%	90.24%
2.2	8.828		
2.2	8.828	2.12%	92.36%
1.8	9.118		
1.8	9.118	1.65%	94.01%
1.5	9.381		
1.5	9.381	1.13%	95.14%
1.3	9.587		
1.3	9.587	1.15%	96.29%
1.1	9.828		
1.1	9.828	1.17%	97.46%
0.9	10.118		
< 0,900	> 10,118	2.54%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 44
Livello (cm)	(25-50)
Peso totale (g)	10.7
Frazione > 63 μm (%)	7.1
Frazione < 63 μm (%)	92.9

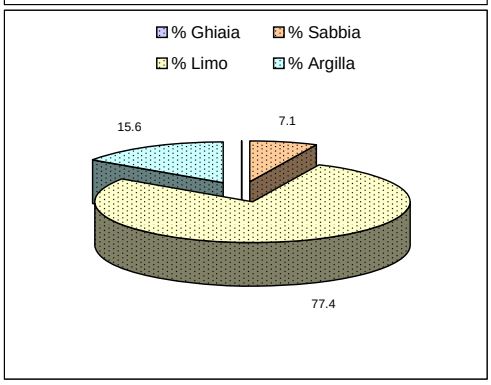
Frazione grossolana (> 63 μm) = 7.1	
% Ghiaia	% Sabbia
0.0	7.1

Frazione pelitica (< 63 μm) = 92.9	
% Limo	% Argilla
77.4	15.6

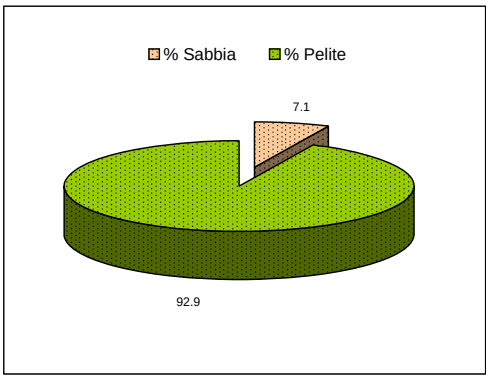
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.064
Deviazione Standard	1.700
Asimmetria (Skewness)	0.237
Appuntimento (Kurtosis)	0.920
Mediana (Φ)	5.831
Moda (Φ)	5.000

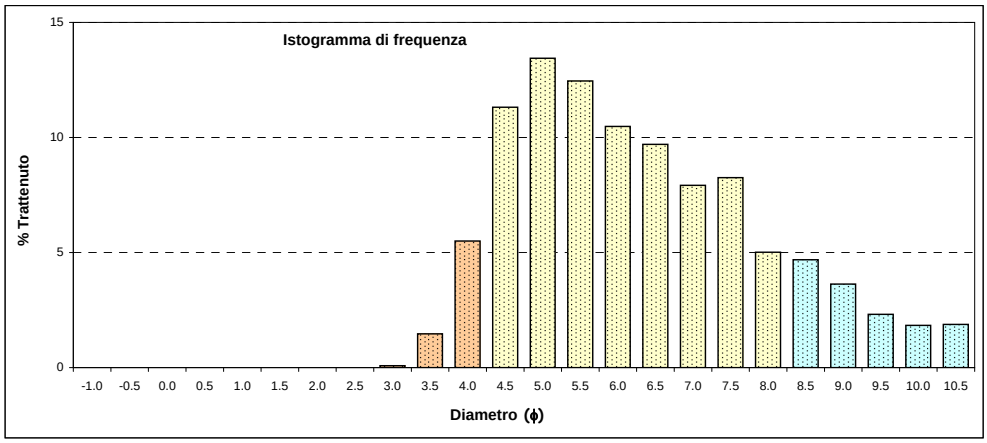
Percentili (Φ)	
5	3.853
16	4.434
25	4.797
50	5.831
75	7.228
84	7.926
95	9.309

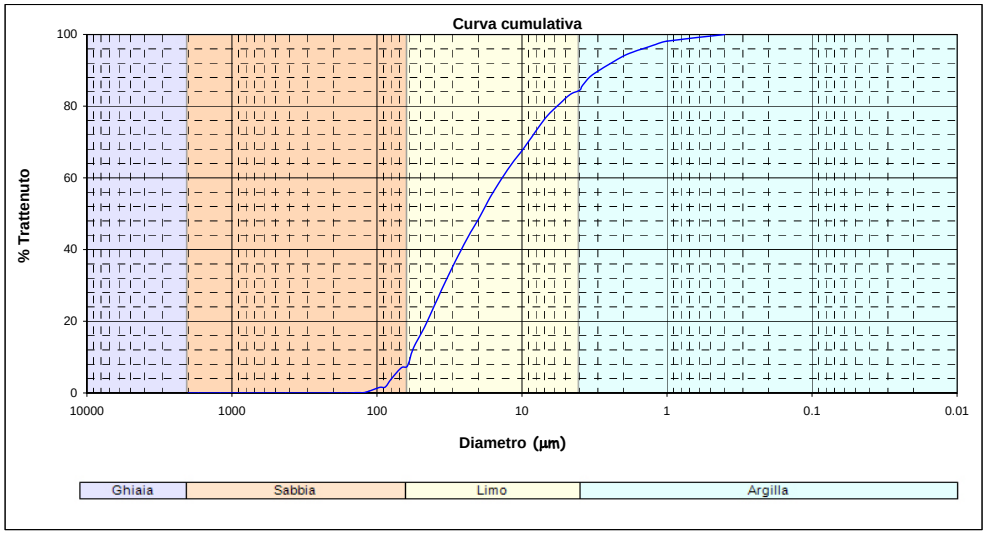
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.08%	0.08%
125	3		
125	3	0.01%	0.09%
123	3.023		
123	3.023	0.46%	0.55%
103	3.279		
103	3.279	1.00%	1.55%
88.39	3.5		
88.39	3.5	0.10%	1.64%
87	3.523		
87	3.523	2.21%	3.85%
73	3.776		
73	3.776	3.20%	7.05%
62.5	4		
62.5	4	0.46%	7.51%
61	4.035		
61	4.035	5.05%	12.55%
51	4.293		
51	4.293	5.81%	18.37%
43	4.54		
43	4.54	6.61%	24.98%
36	4.796		
36	4.796	6.83%	31.81%
30	5.059		
30	5.059	6.55%	38.36%
25	5.322		
25	5.322	5.91%	44.26%
21	5.573		
21	5.573	4.94%	49.20%
18	5.796		
18	5.796	5.54%	54.74%
15	6.059		
15	6.059	5.16%	59.91%
12.5	6.322		
12.5	6.322	4.54%	64.45%
10.5	6.573		
10.5	6.573	3.74%	68.18%
9	6.796		
9	6.796	4.19%	72.37%
7.5	7.059		
7.5	7.059	4.75%	77.12%
6	7.381		
6	7.381	3.50%	80.62%
5	7.644		
5	7.644	2.63%	83.26%
4.3	7.861		
4.3	7.861	1.19%	84.45%
4	7.966		
4	7.966	1.19%	85.64%
3.7	8.078		
3.7	8.078	2.51%	88.15%
3.1	8.334		
3.1	8.334	2.18%	90.33%
2.6	8.587		
2.6	8.587	1.80%	92.13%
2.2	8.828		
2.2	8.828	1.83%	93.96%
1.8	9.118		
1.8	9.118	1.39%	95.35%
1.5	9.381		
1.5	9.381	0.93%	96.28%
1.3	9.587		
1.3	9.587	0.92%	97.21%
1.1	9.828		
1.1	9.828	0.91%	98.12%
0.9	10.118		
< 0,900	> 10,118	1.88%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 44
Livello (cm)	(50-75)
Peso totale (g)	56.7
Frazione > 63 µm (%)	0.5
Frazione < 63 µm (%)	99.5

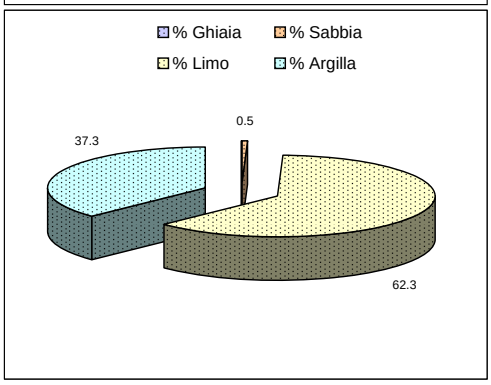
Frazione grossolana (> 63 µm) = 0.5	
% Ghiaia	% Sabbia
0.0	0.5

Frazione pelitica (< 63 µm) = 99.5	
% Limo	% Argilla
62.3	37.3

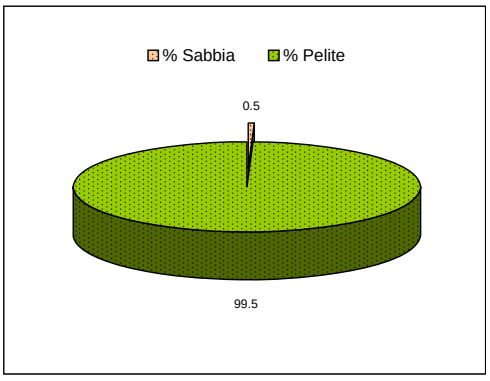
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.445
Deviazione Standard	1.637
Asimmetria (Skewness)	0.034
Appuntimento (Kurtosis)	0.950
Mediana (Φ)	7.410
Moda (Φ)	7.500

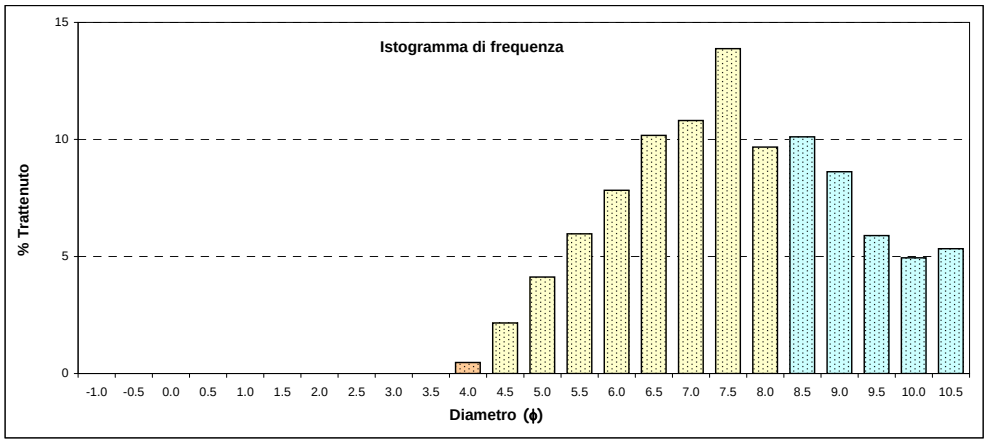
Percentili (Φ)	
5	4.855
16	5.795
25	6.287
50	7.410
75	8.575
84	9.129
95	10.159

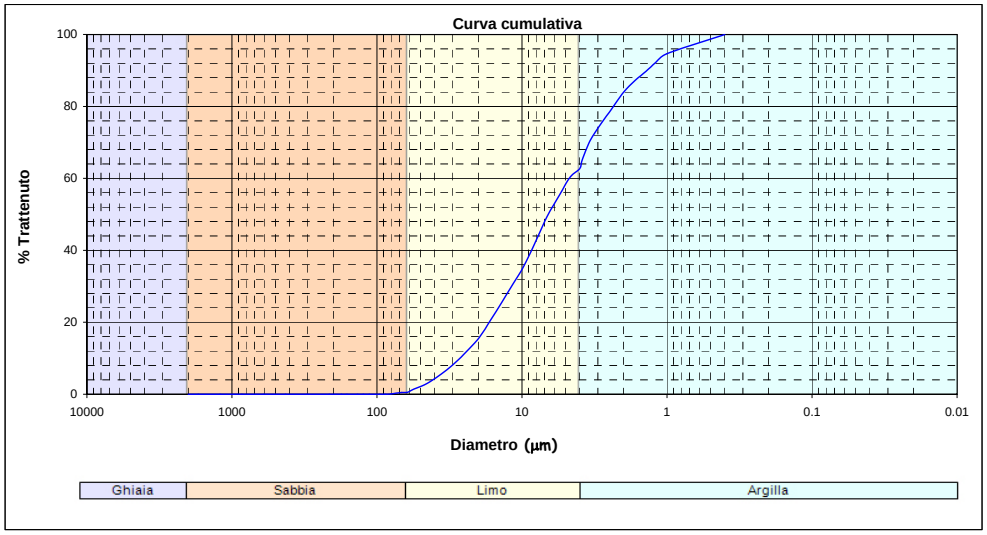
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.10%	0.10%
73	3.776		
73	3.776	0.37%	0.47%
62.5	4		
62.5	4	0.05%	0.53%
61	4.035		
61	4.035	0.85%	1.37%
51	4.293		
51	4.293	1.26%	2.63%
43	4.54		
43	4.54	1.81%	4.44%
36	4.796		
36	4.796	2.32%	6.76%
30	5.059		
30	5.059	2.79%	9.55%
25	5.322		
25	5.322	3.18%	12.73%
21	5.573		
21	5.573	3.29%	16.02%
18	5.796		
18	5.796	4.54%	20.56%
15	6.059		
15	6.059	5.05%	25.61%
12.5	6.322		
12.5	6.322	5.12%	30.74%
10.5	6.573		
10.5	6.573	4.76%	35.50%
9	6.796		
9	6.796	6.04%	41.54%
7.5	7.059		
7.5	7.059	7.70%	49.25%
6	7.381		
6	7.381	6.18%	55.42%
5	7.644		
5	7.644	4.94%	60.37%
4.3	7.861		
4.3	7.861	2.37%	62.73%
4	7.966		
4	7.966	2.37%	65.10%
3.7	8.078		
3.7	8.078	5.28%	70.38%
3.1	8.334		
3.1	8.334	4.84%	75.21%
2.6	8.587		
2.6	8.587	4.17%	79.39%
2.2	8.828		
2.2	8.828	4.45%	83.83%
1.8	9.118		
1.8	9.118	3.49%	87.32%
1.5	9.381		
1.5	9.381	2.40%	89.72%
1.3	9.587		
1.3	9.587	2.45%	92.18%
1.1	9.828		
1.1	9.828	2.49%	94.66%
0.9	10.118		
< 0,900	> 10,118	5.34%	100.00%

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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
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La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 44
Livello (cm)	(75-100)
Peso totale (g)	34.2
Frazione > 63 μm (%)	1.9
Frazione < 63 μm (%)	98.1

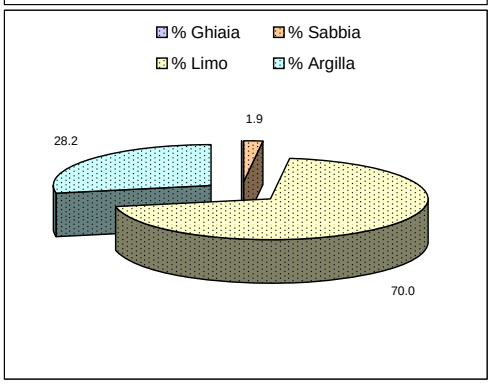
Frazione grossolana (> 63 μm) = 1.9	
% Ghiaia	% Sabbia
0.0	1.9

Frazione pelitica (< 63 μm) = 98.1	
% Limo	% Argilla
70.0	28.2

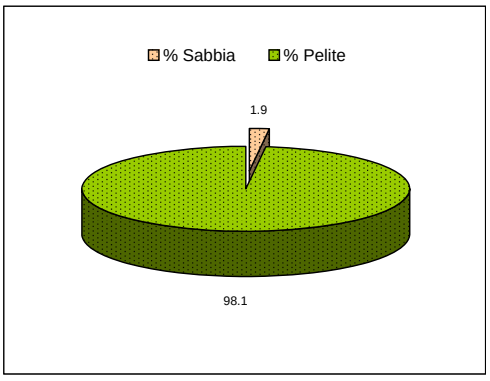
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.916
Deviazione Standard	1.719
Asimmetria (Skewness)	0.046
Appuntimento (Kurtosis)	0.902
Mediana (Φ)	6.894
Moda (Φ)	7.500

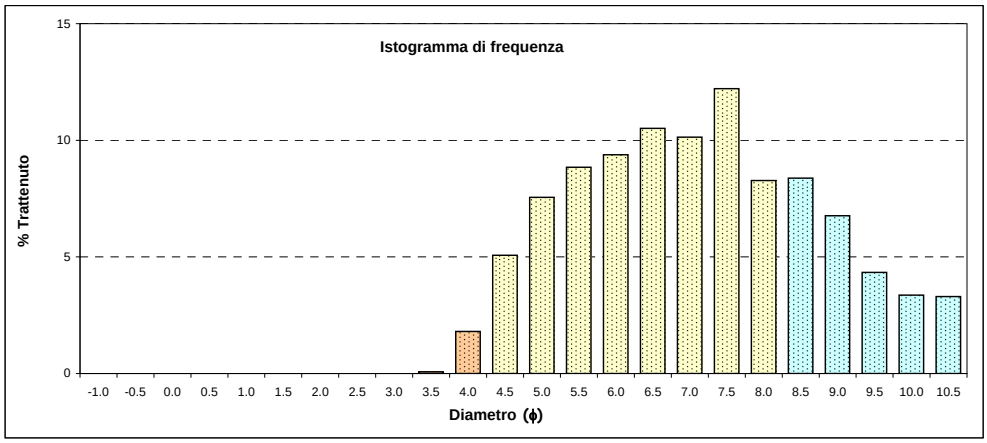
Percentili (Φ)	
5	4.361
16	5.144
25	5.658
50	6.894
75	8.140
84	8.710
95	9.822

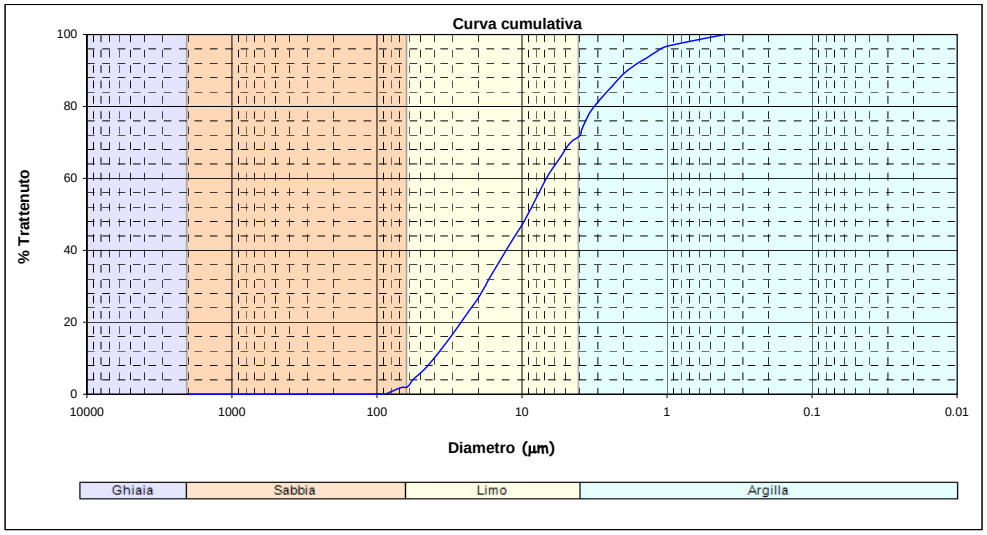
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.07%	0.07%
88.39	3.5		
88.39	3.5	0.01%	0.08%
87	3.523		
87	3.523	0.61%	0.69%
73	3.776		
73	3.776	1.19%	1.88%
62.5	4		
62.5	4	0.17%	2.05%
61	4.035		
61	4.035	2.14%	4.19%
51	4.293		
51	4.293	2.76%	6.95%
43	4.54		
43	4.54	3.50%	10.45%
36	4.796		
36	4.796	4.05%	14.50%
30	5.059		
30	5.059	4.38%	18.89%
25	5.322		
25	5.322	4.46%	23.35%
21	5.573		
21	5.573	4.16%	27.51%
18	5.796		
18	5.796	5.22%	32.73%
15	6.059		
15	6.059	5.36%	38.09%
12.5	6.322		
12.5	6.322	5.15%	43.24%
10.5	6.573		
10.5	6.573	4.58%	47.81%
9	6.796		
9	6.796	5.56%	53.37%
7.5	7.059		
7.5	7.059	6.84%	60.21%
6	7.381		
6	7.381	5.37%	65.58%
5	7.644		
5	7.644	4.25%	69.83%
4.3	7.861		
4.3	7.861	2.01%	71.84%
4	7.966		
4	7.966	2.01%	73.86%
3.7	8.078		
3.7	8.078	4.42%	78.27%
3.1	8.334		
3.1	8.334	3.96%	82.23%
2.6	8.587		
2.6	8.587	3.33%	85.56%
2.2	8.828		
2.2	8.828	3.43%	89.00%
1.8	9.118		
1.8	9.118	2.61%	91.60%
1.5	9.381		
1.5	9.381	1.73%	93.34%
1.3	9.587		
1.3	9.587	1.71%	95.04%
1.1	9.828		
1.1	9.828	1.66%	96.70%
0.9	10.118		
< 0,900	> 10,118	3.30%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 45
Livello (cm)	(0-25)
Peso totale (g)	29.3
Frazione > 63 μm (%)	1.2
Frazione < 63 μm (%)	98.8

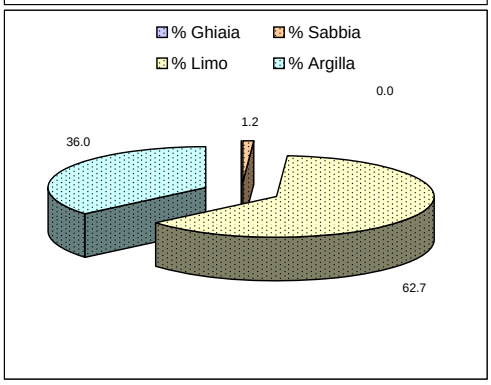
Frazione grossolana (> 63 μm) = 1.2	
% Ghiaia	% Sabbia
0.0	1.2

Frazione pelitica (< 63 μm) = 98.8	
% Limo	% Argilla
62.7	36.0

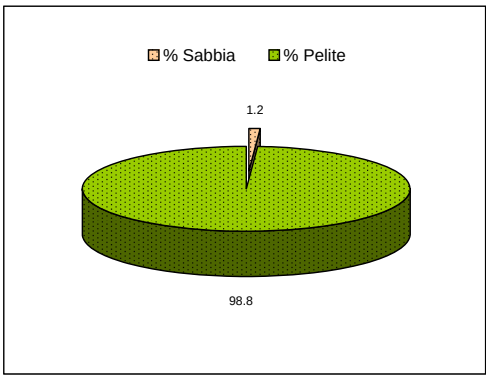
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.342
Deviazione Standard	1.674
Asimmetria (Skewness)	-0.013
Appuntimento (Kurtosis)	0.963
Mediana (Φ)	7.361
Moda (Φ)	7.500

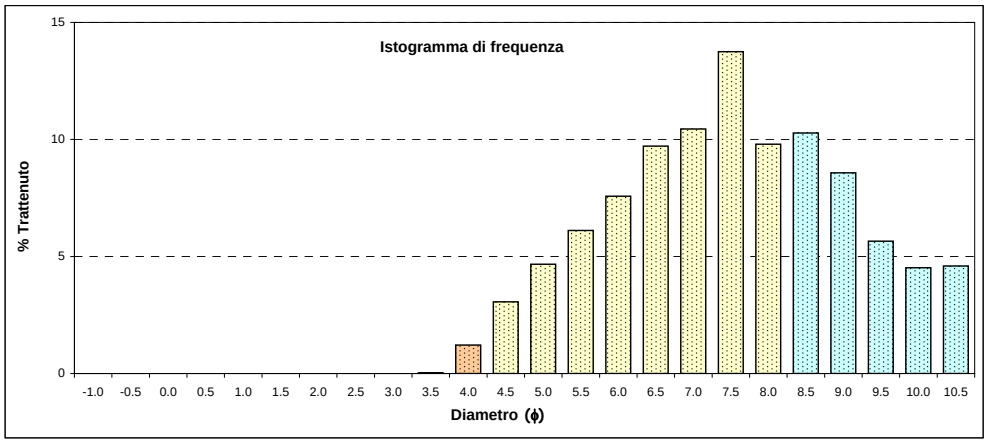
Percentili (Φ)	
5	4.618
16	5.633
25	6.180
50	7.361
75	8.496
84	9.030
95	10.061

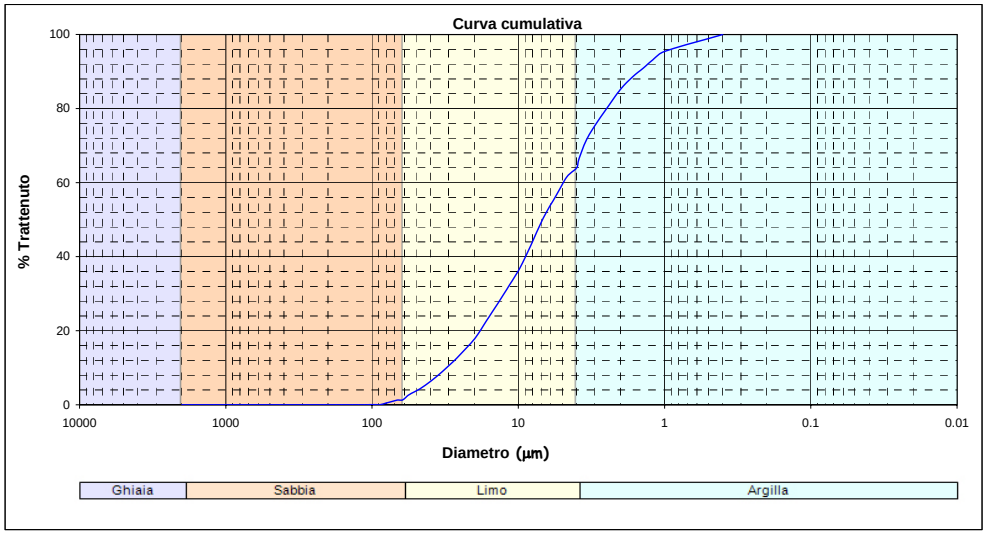
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.03%	0.03%
88.39	3.5		
88.39	3.5	0.00%	0.03%
87	3.523		
87	3.523	0.44%	0.47%
73	3.776		
73	3.776	0.78%	1.24%
62.5	4		
62.5	4	0.11%	1.35%
61	4.035		
61	4.035	1.31%	2.66%
51	4.293		
51	4.293	1.65%	4.31%
43	4.54		
43	4.54	2.12%	6.43%
36	4.796		
36	4.796	2.55%	8.98%
30	5.059		
30	5.059	2.92%	11.90%
25	5.322		
25	5.322	3.19%	15.09%
21	5.573		
21	5.573	3.21%	18.30%
18	5.796		
18	5.796	4.37%	22.67%
15	6.059		
15	6.059	4.82%	27.49%
12.5	6.322		
12.5	6.322	4.90%	32.39%
10.5	6.573		
10.5	6.573	4.58%	36.97%
9	6.796		
9	6.796	5.87%	42.83%
7.5	7.059		
7.5	7.059	7.58%	50.42%
6	7.381		
6	7.381	6.17%	56.58%
5	7.644		
5	7.644	4.99%	61.57%
4.3	7.861		
4.3	7.861	2.41%	63.98%
4	7.966		
4	7.966	2.41%	66.38%
3.7	8.078		
3.7	8.078	5.38%	71.76%
3.1	8.334		
3.1	8.334	4.90%	76.66%
2.6	8.587		
2.6	8.587	4.19%	80.85%
2.2	8.828		
2.2	8.828	4.39%	85.23%
1.8	9.118		
1.8	9.118	3.38%	88.61%
1.5	9.381		
1.5	9.381	2.28%	90.89%
1.3	9.587		
1.3	9.587	2.27%	93.16%
1.1	9.828		
1.1	9.828	2.25%	95.41%
0.9	10.118		
< 0,900	> 10,118	4.59%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 45**
Livello (cm)	**(25-50)**
Peso totale (g)	80.2
Frazione > 63 μm (%)	0.3
Frazione < 63 μm (%)	99.7

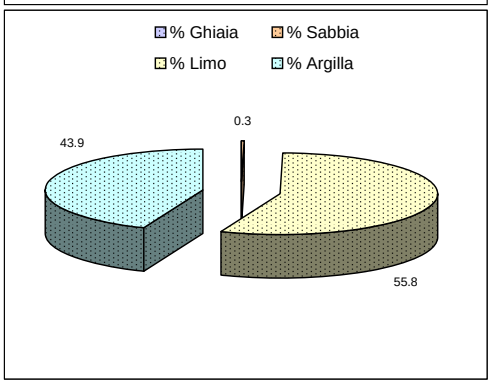
Frazione grossolana (> 63 μm) = 0.3	
% Ghiaia	**% Sabbia**
0.0	**0.3**

Frazione pelitica (< 63 μm) = 99.7	
% Limo	**% Argilla**
55.8	**43.9**

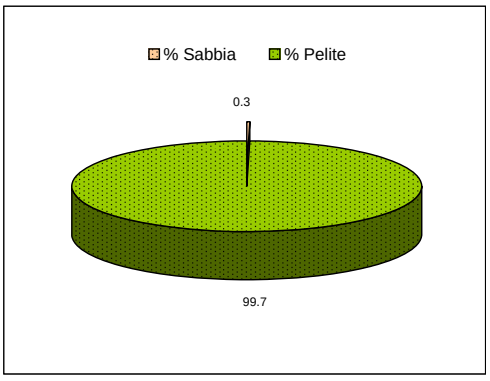
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.743
Deviazione Standard	1.564
Asimmetria (Skewness)	0.036
Appuntimento (Kurtosis)	0.918
Mediana (Φ)	7.707
Moda (Φ)	7.500

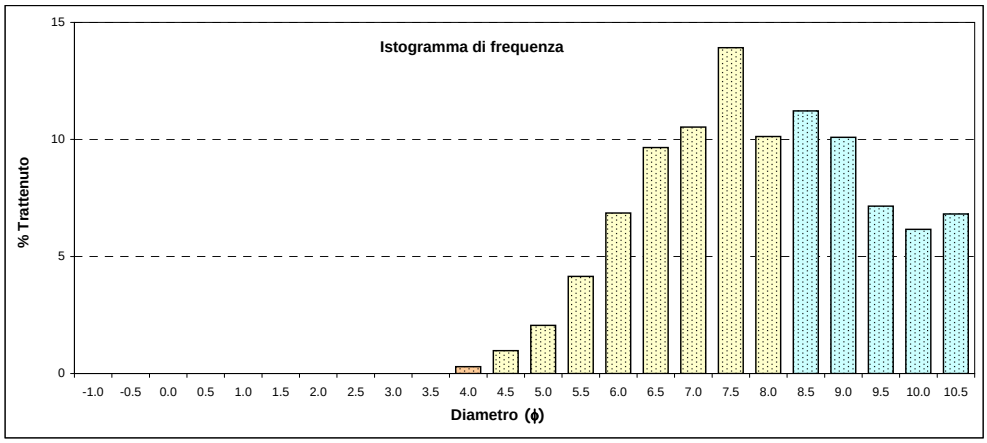
Percentili (Φ)	
5	5.306
16	6.146
25	6.619
50	7.707
75	8.848
84	9.375
95	10.300

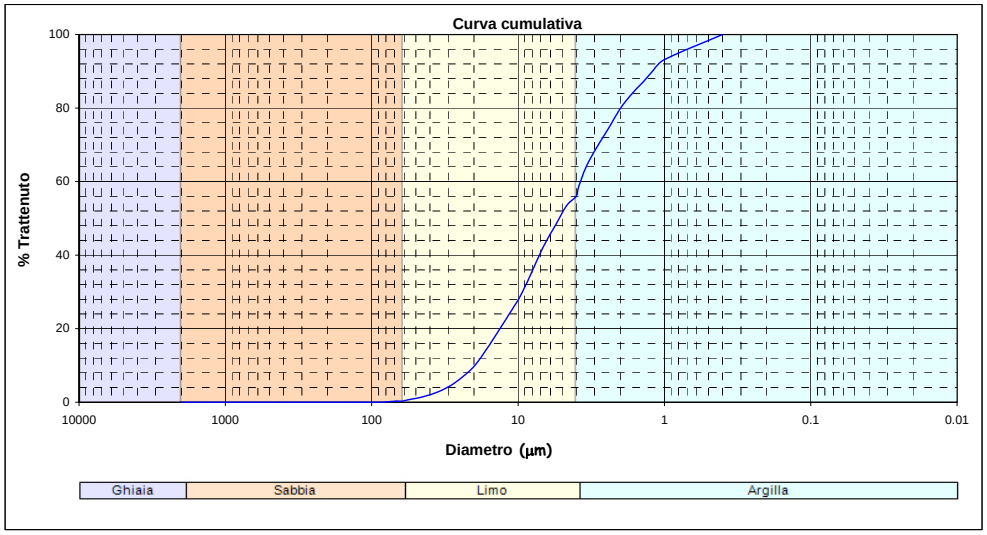
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.08%	0.08%
73	3.776		
73	3.776	0.21%	0.29%
62.5	4		
62.5	4	0.03%	0.32%
61	4.035		
61	4.035	0.40%	0.72%
51	4.293		
51	4.293	0.55%	1.27%
43	4.54		
43	4.54	0.83%	2.10%
36	4.796		
36	4.796	1.23%	3.32%
30	5.059		
30	5.059	1.77%	5.10%
25	5.322		
25	5.322	2.38%	7.47%
21	5.573		
21	5.573	2.75%	10.23%
18	5.796		
18	5.796	4.11%	14.33%
15	6.059		
15	6.059	4.75%	19.08%
12.5	6.322		
12.5	6.322	4.91%	23.99%
10.5	6.573		
10.5	6.573	4.61%	28.60%
9	6.796		
9	6.796	5.92%	34.51%
7.5	7.059		
7.5	7.059	7.66%	42.18%
6	7.381		
6	7.381	6.26%	48.43%
5	7.644		
5	7.644	5.11%	53.54%
4.3	7.861		
4.3	7.861	2.51%	56.05%
4	7.966		
4	7.966	2.51%	58.56%
3.7	8.078		
3.7	8.078	5.77%	64.33%
3.1	8.334		
3.1	8.334	5.45%	69.78%
2.6	8.587		
2.6	8.587	4.83%	74.61%
2.2	8.828		
2.2	8.828	5.26%	79.87%
1.8	9.118		
1.8	9.118	4.22%	84.09%
1.5	9.381		
1.5	9.381	2.94%	87.03%
1.3	9.587		
1.3	9.587	3.04%	90.06%
1.1	9.828		
1.1	9.828	3.12%	93.19%
0.9	10.118		
< 0,900	> 10,118	6.81%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 45**
Livello (cm)	**(50-75)**
Peso totale (g)	54.1
Frazione > 63 μm (%)	0.9
Frazione < 63 μm (%)	99.1

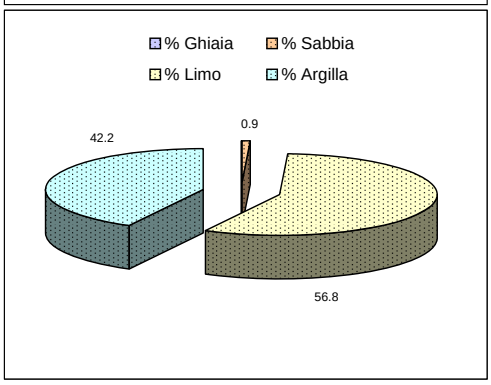
Frazione grossolana (> 63 μm) = 0.9	
% Ghiaia	**% Sabbia**
0.0	**0.9**

Frazione pelitica (< 63 μm) = 99.1	
% Limo	**% Argilla**
56.8	**42.2**

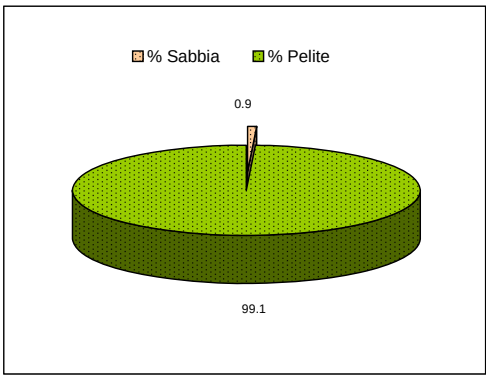
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.612
Deviazione Standard	1.644
Asimmetria (Skewness)	-0.048
Appuntimento (Kurtosis)	1.007
Mediana (Φ)	7.652
Moda (Φ)	7.500

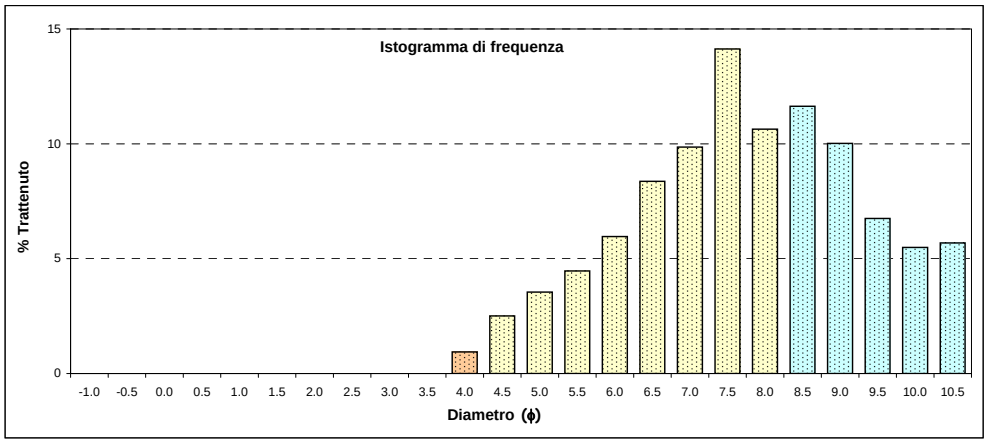
Percentili (Φ)	
5	4.779
16	5.946
25	6.524
50	7.652
75	8.729
84	9.238
95	10.197

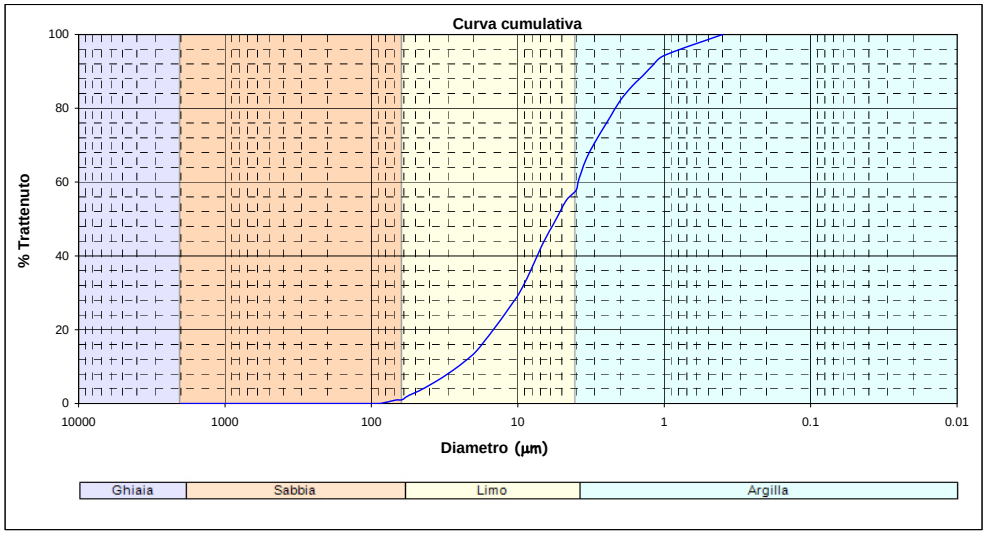
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.31%	0.31%
73	3.776		
73	3.776	0.63%	0.94%
62.5	4		
62.5	4	0.09%	1.03%
61	4.035		
61	4.035	1.08%	2.11%
51	4.293		
51	4.293	1.34%	3.45%
43	4.54		
43	4.54	1.65%	5.10%
36	4.796		
36	4.796	1.89%	6.99%
30	5.059		
30	5.059	2.11%	9.11%
25	5.322		
25	5.322	2.35%	11.46%
21	5.573		
21	5.573	2.46%	13.91%
18	5.796		
18	5.796	3.51%	17.42%
15	6.059		
15	6.059	4.07%	21.49%
12.5	6.322		
12.5	6.322	4.30%	25.79%
10.5	6.573		
10.5	6.573	4.20%	29.99%
9	6.796		
9	6.796	5.66%	35.65%
7.5	7.059		
7.5	7.059	7.67%	43.32%
6	7.381		
6	7.381	6.46%	49.78%
5	7.644		
5	7.644	5.35%	55.14%
4.3	7.861		
4.3	7.861	2.64%	57.78%
4	7.966		
4	7.966	2.64%	60.42%
3.7	8.078		
3.7	8.078	6.03%	66.45%
3.1	8.334		
3.1	8.334	5.60%	72.05%
2.6	8.587		
2.6	8.587	4.86%	76.91%
2.2	8.828		
2.2	8.828	5.16%	82.07%
1.8	9.118		
1.8	9.118	4.02%	86.09%
1.5	9.381		
1.5	9.381	2.73%	88.82%
1.3	9.587		
1.3	9.587	2.75%	91.57%
1.1	9.828		
1.1	9.828	2.74%	94.31%
0.9	10.118		
< 0,900	> 10,118	5.69%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 45**
Livello (cm)	**(75-100)**
Peso totale (g)	60.2
Frazione > 63 μm (%)	1.1
Frazione < 63 μm (%)	98.9

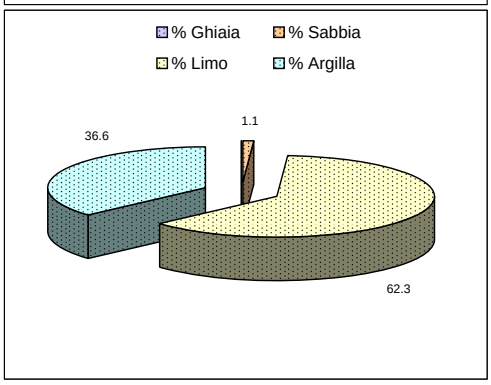
Frazione grossolana (> 63 μm) =	**1.1**
% Ghiaia	**% Sabbia**
0.0	**1.1**

Frazione pelitica (< 63 μm) =	**98.9**
% Limo	**% Argilla**
62.3	**36.6**

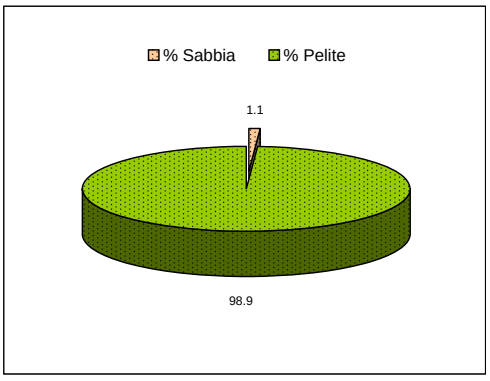
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.375
Deviazione Standard	1.684
Asimmetria (Skewness)	0.005
Appuntimento (Kurtosis)	0.956
Mediana (Φ)	7.369
Moda (Φ)	7.500

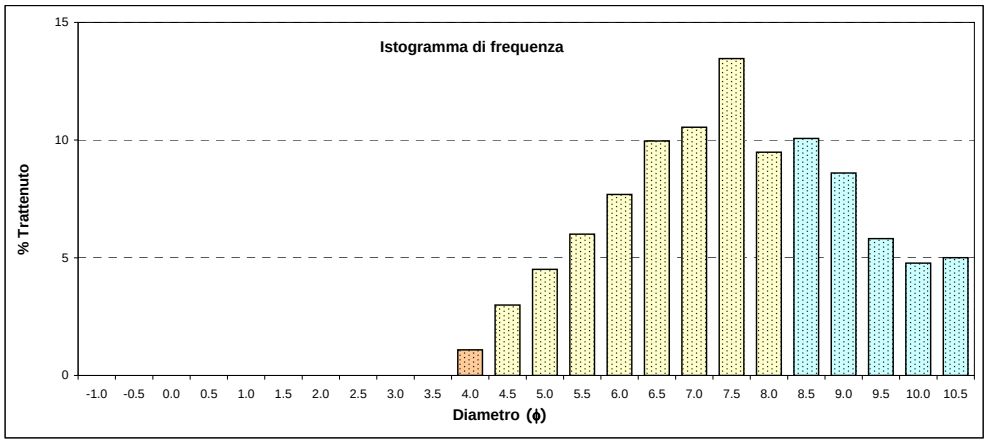
Percentili (Φ)	
5	4.649
16	5.666
25	6.198
50	7.369
75	8.542
84	9.089
95	10.118

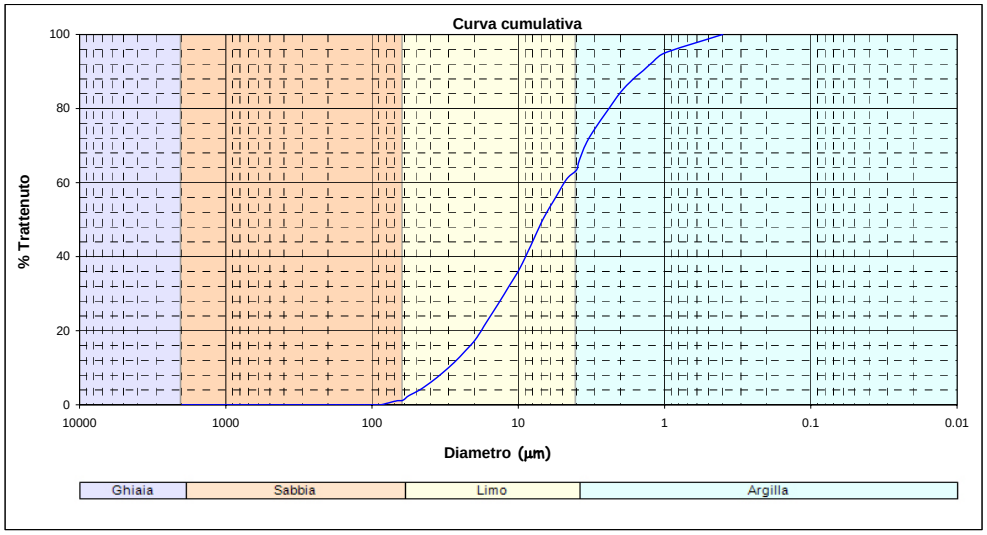
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.36%	0.36%
73	3.776		
73	3.776	0.73%	1.09%
62.5	4		
62.5	4	0.10%	1.19%
61	4.035		
61	4.035	1.28%	2.47%
51	4.293		
51	4.293	1.61%	4.08%
43	4.54		
43	4.54	2.05%	6.13%
36	4.796		
36	4.796	2.45%	8.59%
30	5.059		
30	5.059	2.84%	11.42%
25	5.322		
25	5.322	3.16%	14.59%
21	5.573		
21	5.573	3.24%	17.83%
18	5.796		
18	5.796	4.45%	22.28%
15	6.059		
15	6.059	4.94%	27.22%
12.5	6.322		
12.5	6.322	5.02%	32.24%
10.5	6.573		
10.5	6.573	4.66%	36.90%
9	6.796		
9	6.796	5.88%	42.78%
7.5	7.059		
7.5	7.059	7.47%	50.25%
6	7.381		
6	7.381	6.00%	56.25%
5	7.644		
5	7.644	4.82%	61.07%
4.3	7.861		
4.3	7.861	2.33%	63.40%
4	7.966		
4	7.966	2.33%	65.73%
3.7	8.078		
3.7	8.078	5.24%	70.97%
3.1	8.334		
3.1	8.334	4.83%	75.80%
2.6	8.587		
2.6	8.587	4.17%	79.97%
2.2	8.828		
2.2	8.828	4.43%	84.41%
1.8	9.118		
1.8	9.118	3.46%	87.86%
1.5	9.381		
1.5	9.381	2.36%	90.22%
1.3	9.587		
1.3	9.587	2.38%	92.61%
1.1	9.828		
1.1	9.828	2.39%	94.99%
0.9	10.118		
< 0,900	> 10,118	5.01%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 46
Livello (cm)	(0-25)
Peso totale (g)	22.2
Frazione > 63 μm (%)	13.1
Frazione < 63 μm (%)	86.9

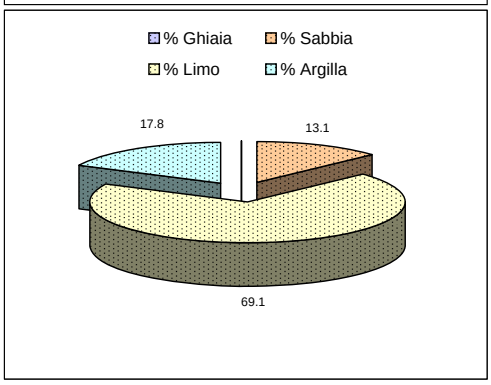
Frazione grossolana (> 63 μm) = 13.1	
% Ghiaia	% Sabbia
0.0	13.1

Frazione pelitica (< 63 μm) = 86.9	
% Limo	% Argilla
69.1	17.8

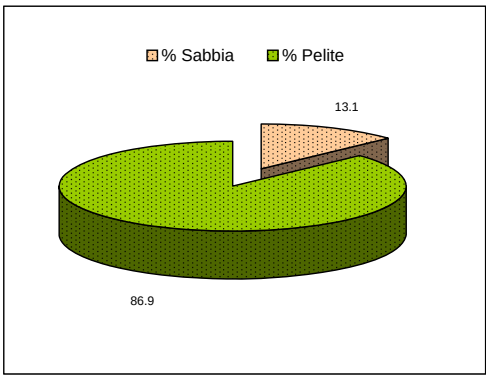
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.160
Deviazione Standard	1.883
Asimmetria (Skewness)	0.144
Appuntimento (Kurtosis)	1.024
Mediana (Φ)	6.031
Moda (Φ)	6.000

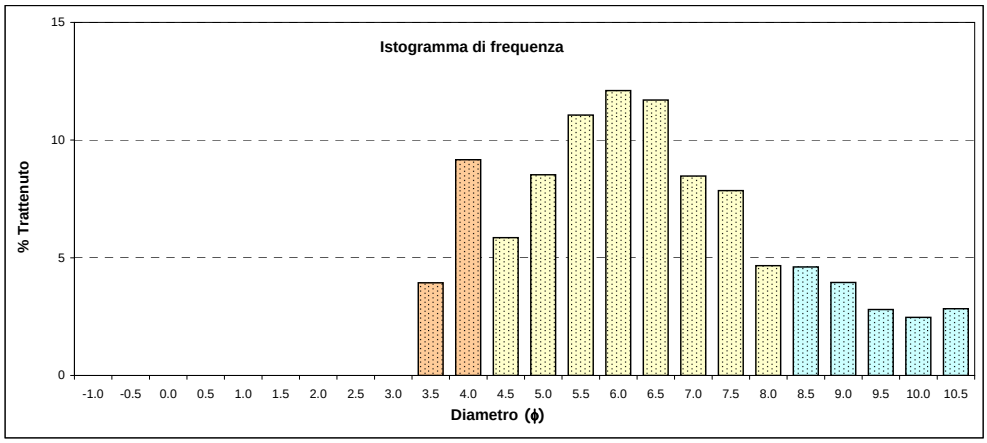
Percentili (Φ)	
5	3.557
16	4.303
25	4.913
50	6.031
75	7.349
84	8.144
95	9.644

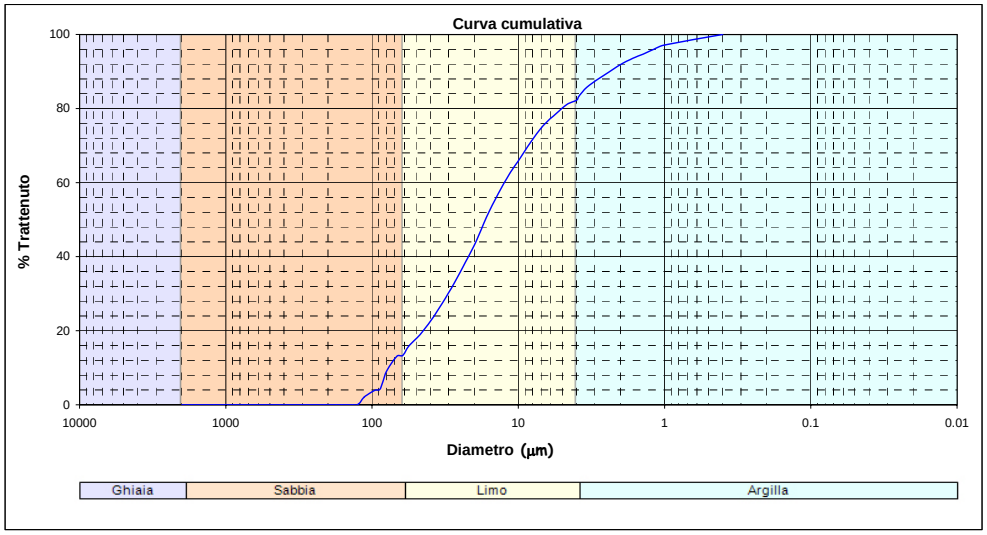
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.17%	0.17%
123	3.023		
123	3.023	1.95%	2.12%
103	3.279		
103	3.279	1.81%	3.93%
88.39	3.5		
88.39	3.5	0.39%	4.33%
87	3.523		
87	3.523	4.59%	8.92%
73	3.776		
73	3.776	4.18%	13.10%
62.5	4		
62.5	4	0.23%	13.33%
61	4.035		
61	4.035	2.54%	15.87%
51	4.293		
51	4.293	3.08%	18.95%
43	4.54		
43	4.54	3.88%	22.83%
36	4.796		
36	4.796	4.65%	27.48%
30	5.059		
30	5.059	5.34%	32.81%
25	5.322		
25	5.322	5.73%	38.54%
21	5.573		
21	5.573	5.45%	43.99%
18	5.796		
18	5.796	6.65%	50.64%
15	6.059		
15	6.059	6.32%	56.96%
12.5	6.322		
12.5	6.322	5.39%	62.35%
10.5	6.573		
10.5	6.573	4.16%	66.51%
9	6.796		
9	6.796	4.31%	70.82%
7.5	7.059		
7.5	7.059	4.59%	75.40%
6	7.381		
6	7.381	3.27%	78.67%
5	7.644		
5	7.644	2.43%	81.10%
4.3	7.861		
4.3	7.861	1.11%	82.22%
4	7.966		
4	7.966	1.11%	83.33%
3.7	8.078		
3.7	8.078	2.42%	85.75%
3.1	8.334		
3.1	8.334	2.19%	87.94%
2.6	8.587		
2.6	8.587	1.90%	89.84%
2.2	8.828		
2.2	8.828	2.05%	91.90%
1.8	9.118		
1.8	9.118	1.65%	93.54%
1.5	9.381		
1.5	9.381	1.15%	94.70%
1.3	9.587		
1.3	9.587	1.21%	95.90%
1.1	9.828		
1.1	9.828	1.26%	97.17%
0.9	10.118		
< 0,900	> 10,118	2.83%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 46**
Livello (cm)	**(25-50)**
Peso totale (g)	15.8
Frazione > 63 μm (%)	19.0
Frazione < 63 μm (%)	81.0

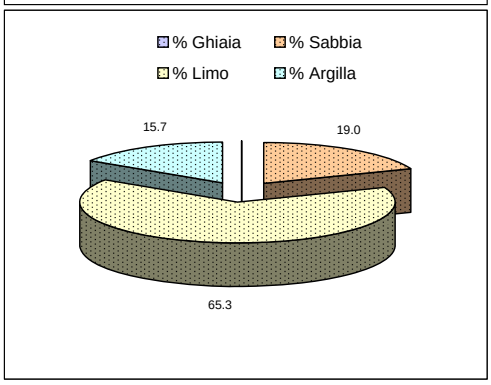
Frazione grossolana (> 63 μm) = 19.0	
% Ghiaia	**% Sabbia**
0.0	**19.0**

Frazione pelitica (< 63 μm) = 81.0	
% Limo	**% Argilla**
65.3	**15.7**

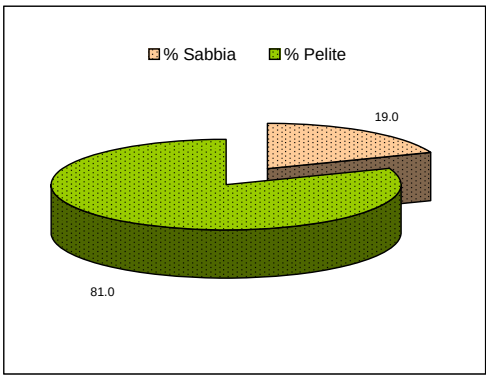
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.885
Deviazione Standard	1.949
Asimmetria (Skewness)	0.103
Appuntimento (Kurtosis)	0.986
Mediana (Φ)	5.849
Moda (Φ)	4.000

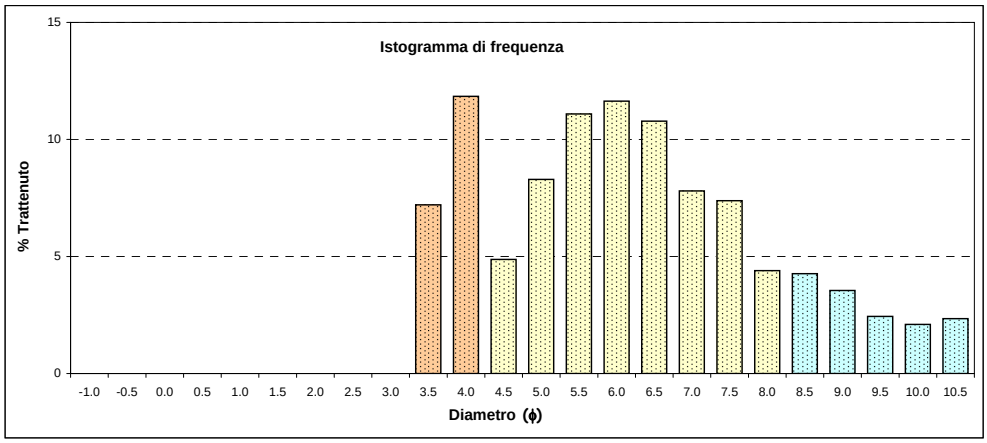
Percentili (Φ)	
5	3.329
16	3.865
25	4.610
50	5.849
75	7.162
84	7.940
95	9.469

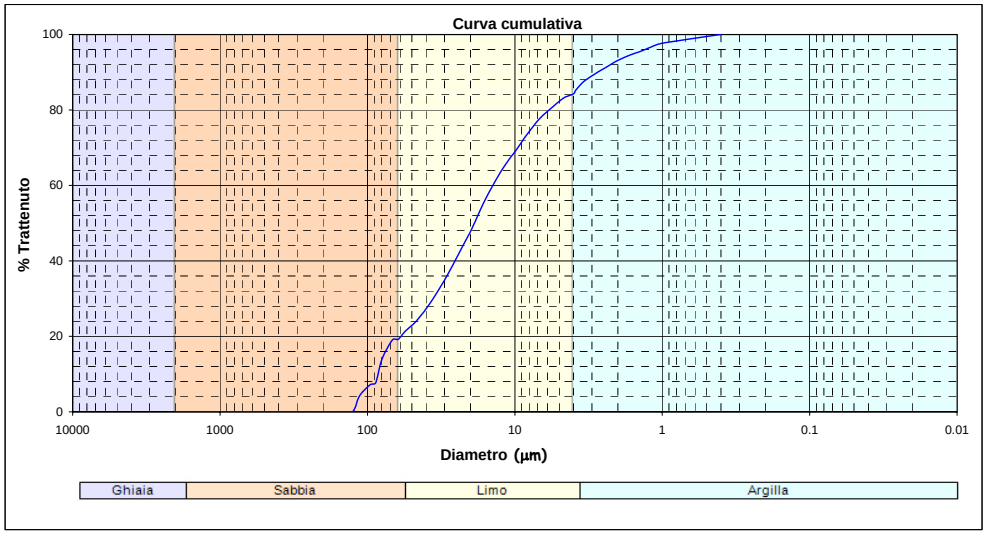
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.39%	0.39%
123	3.023		
123	3.023	3.91%	4.30%
103	3.279		
103	3.279	2.91%	7.21%
88.39	3.5		
88.39	3.5	0.56%	7.76%
87	3.523		
87	3.523	6.07%	13.83%
73	3.776		
73	3.776	5.22%	19.05%
62.5	4		
62.5	4	0.15%	19.20%
61	4.035		
61	4.035	2.01%	21.21%
51	4.293		
51	4.293	2.72%	23.92%
43	4.54		
43	4.54	3.68%	27.60%
36	4.796		
36	4.796	4.61%	32.22%
30	5.059		
30	5.059	5.37%	37.59%
25	5.322		
25	5.322	5.72%	43.30%
21	5.573		
21	5.573	5.32%	48.63%
18	5.796		
18	5.796	6.31%	54.94%
15	6.059		
15	6.059	5.85%	60.79%
12.5	6.322		
12.5	6.322	4.93%	65.72%
10.5	6.573		
10.5	6.573	3.81%	69.53%
9	6.796		
9	6.796	3.99%	73.52%
7.5	7.059		
7.5	7.059	4.30%	77.82%
6	7.381		
6	7.381	3.08%	80.90%
5	7.644		
5	7.644	2.30%	83.20%
4.3	7.861		
4.3	7.861	1.05%	84.25%
4	7.966		
4	7.966	1.05%	85.30%
3.7	8.078		
3.7	8.078	2.25%	87.55%
3.1	8.334		
3.1	8.334	2.02%	89.57%
2.6	8.587		
2.6	8.587	1.72%	91.29%
2.2	8.828		
2.2	8.828	1.83%	93.11%
1.8	9.118		
1.8	9.118	1.44%	94.56%
1.5	9.381		
1.5	9.381	1.00%	95.56%
1.3	9.587		
1.3	9.587	1.03%	96.59%
1.1	9.828		
1.1	9.828	1.07%	97.65%
0.9	10.118		
< 0,900	> 10,118	2.35%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 46**
Livello (cm)	**(50-75)**
Peso totale (g)	45.9
Frazione > 63 μm (%)	5.3
Frazione < 63 μm (%)	94.7

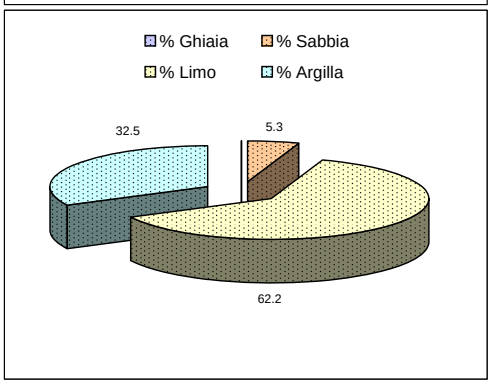
Frazione grossolana (> 63 μm) =	**5.3**
% Ghiaia	**% Sabbia**
0.0	**5.3**

Frazione pelitica (< 63 μm) =	**94.7**
% Limo	**% Argilla**
62.2	**32.5**

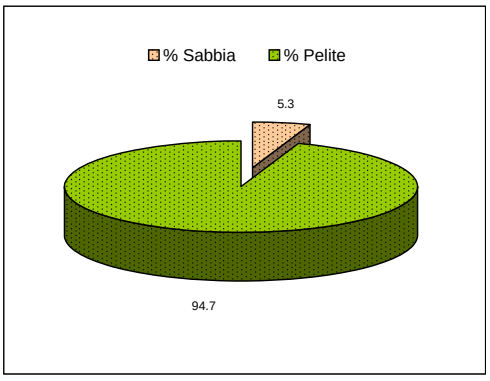
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.098
Deviazione Standard	1.883
Asimmetria (Skewness)	0.018
Appuntimento (Kurtosis)	0.956
Mediana (Φ)	7.051
Moda (Φ)	7.500

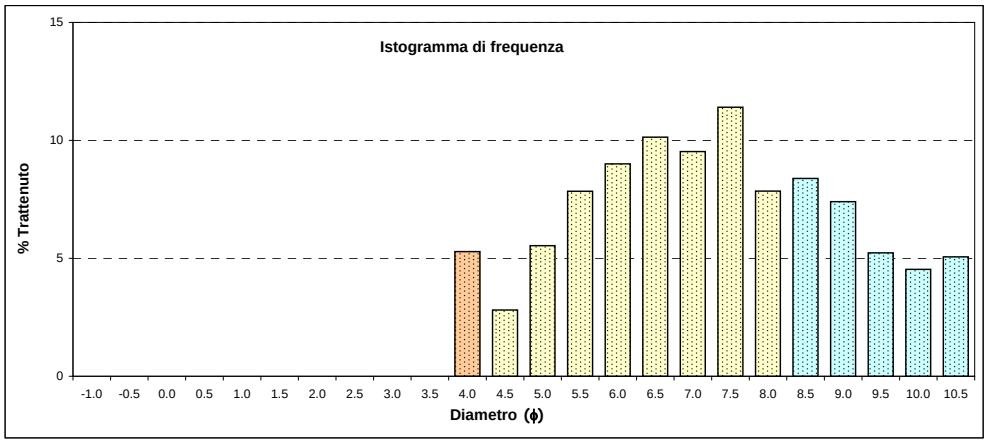
Percentili (Φ)	
5	3.971
16	5.219
25	5.770
50	7.051
75	8.408
84	9.023
95	10.125

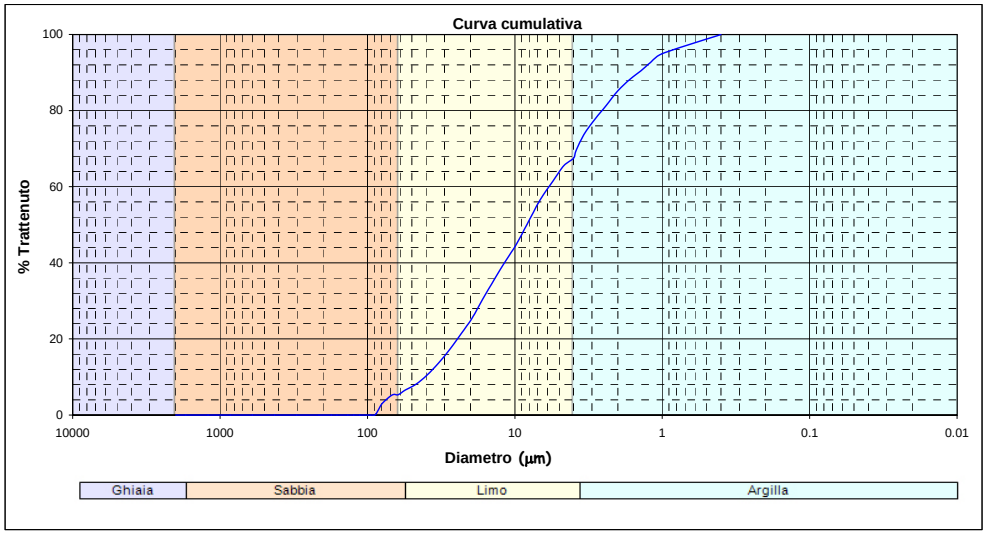
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.25%	0.25%
87	3.523		
87	3.523	2.66%	2.91%
73	3.776		
73	3.776	2.37%	5.28%
62.5	4		
62.5	4	0.07%	5.36%
61	4.035		
61	4.035	1.10%	6.46%
51	4.293		
51	4.293	1.64%	8.09%
43	4.54		
43	4.54	2.40%	10.49%
36	4.796		
36	4.796	3.14%	13.63%
30	5.059		
30	5.059	3.76%	17.39%
25	5.322		
25	5.322	4.09%	21.48%
21	5.573		
21	5.573	3.96%	25.43%
18	5.796		
18	5.796	5.05%	30.48%
15	6.059		
15	6.059	5.20%	35.68%
12.5	6.322		
12.5	6.322	4.93%	40.62%
10.5	6.573		
10.5	6.573	4.32%	44.94%
9	6.796		
9	6.796	5.20%	50.14%
7.5	7.059		
7.5	7.059	6.38%	56.52%
6	7.381		
6	7.381	5.03%	61.54%
5	7.644		
5	7.644	4.00%	65.54%
4.3	7.861		
4.3	7.861	1.92%	67.47%
4	7.966		
4	7.966	1.92%	69.39%
3.7	8.078		
3.7	8.078	4.34%	73.73%
3.1	8.334		
3.1	8.334	4.04%	77.78%
2.6	8.587		
2.6	8.587	3.55%	81.32%
2.2	8.828		
2.2	8.828	3.85%	85.18%
1.8	9.118		
1.8	9.118	3.08%	88.26%
1.5	9.381		
1.5	9.381	2.15%	90.41%
1.3	9.587		
1.3	9.587	2.23%	92.64%
1.1	9.828		
1.1	9.828	2.30%	94.94%
0.9	10.118		
< 0,900	> 10,118	5.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 46
Livello (cm)	(75-100)
Peso totale (g)	25.6
Frazione > 63 μm (%)	28.6
Frazione < 63 μm (%)	71.4

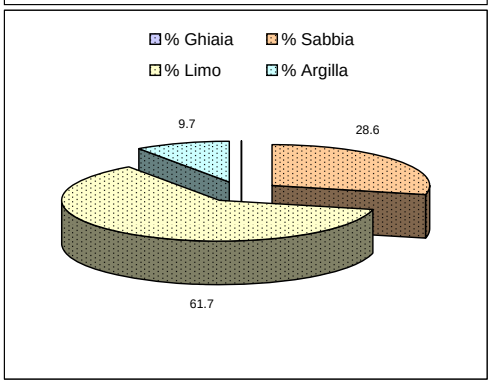
Frazione grossolana (> 63 μm) = 28.6	
% Ghiaia	% Sabbia
0.0	28.6

Frazione pelitica (< 63 μm) = 71.4	
% Limo	% Argilla
61.7	9.7

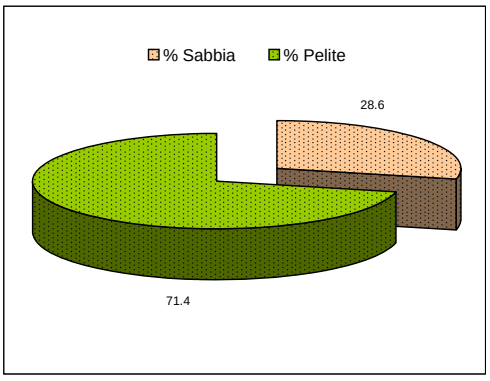
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.207
Deviazione Standard	1.905
Asimmetria (Skewness)	0.148
Appuntimento (Kurtosis)	0.989
Mediana (Φ)	5.107
Moda (Φ)	5.000

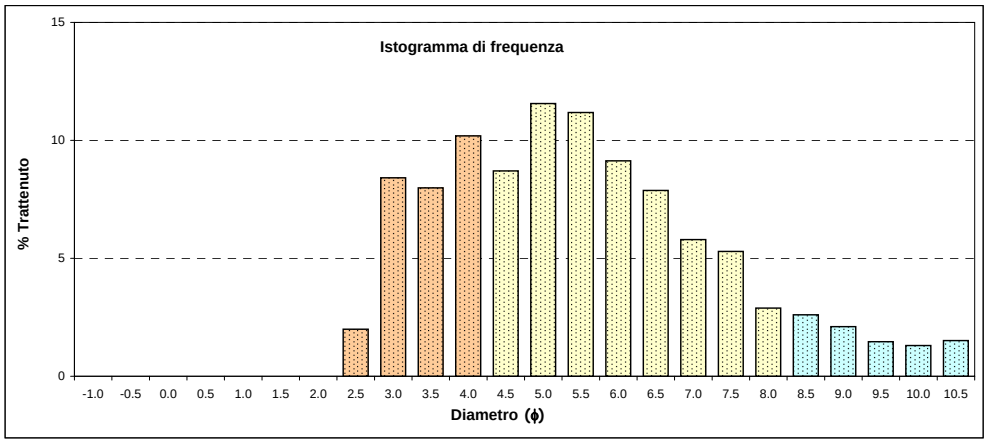
Percentili (Φ)	
5	2.659
16	3.343
25	3.832
50	5.107
75	6.426
84	7.171
95	8.918

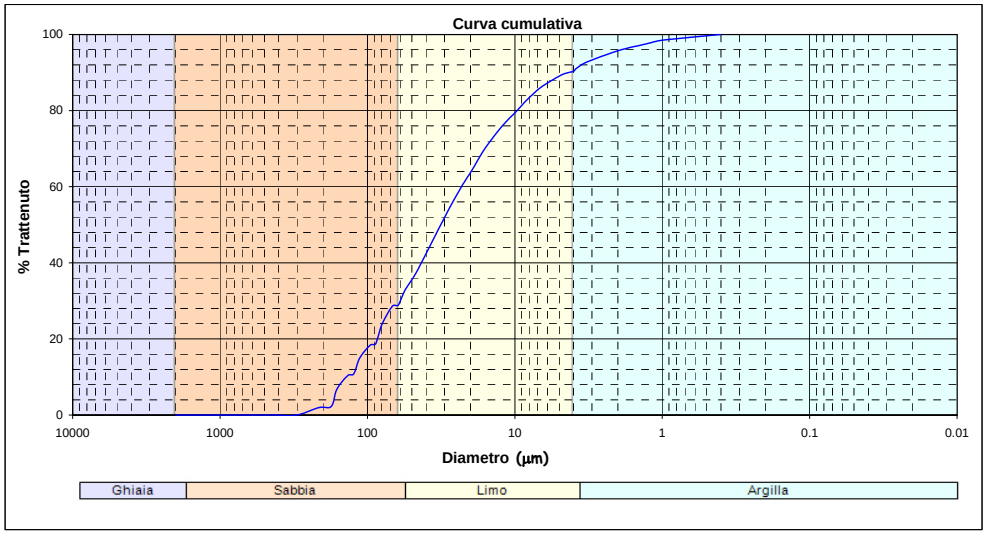
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.99%	1.99%
176.78	2.5		
176.78	2.5	0.29%	2.28%
175	2.515		
175	2.515	4.55%	6.83%
147	2.766		
147	2.766	3.57%	10.41%
125	3		
125	3	0.41%	10.81%
123	3.023		
123	3.023	4.14%	14.95%
103	3.279		
103	3.279	3.44%	18.39%
88.39	3.5		
88.39	3.5	0.40%	18.79%
87	3.523		
87	3.523	4.91%	23.70%
73	3.776		
73	3.776	4.87%	28.58%
62.5	4		
62.5	4	0.31%	28.89%
61	4.035		
61	4.035	3.76%	32.65%
51	4.293		
51	4.293	4.63%	37.28%
43	4.54		
43	4.54	5.57%	42.85%
36	4.796		
36	4.796	5.99%	48.84%
30	5.059		
30	5.059	5.88%	54.72%
25	5.322		
25	5.322	5.31%	60.03%
21	5.573		
21	5.573	4.37%	64.39%
18	5.796		
18	5.796	4.77%	69.16%
15	6.059		
15	6.059	4.27%	73.43%
12.5	6.322		
12.5	6.322	3.60%	77.04%
10.5	6.573		
10.5	6.573	2.82%	79.86%
9	6.796		
9	6.796	2.97%	82.83%
7.5	7.059		
7.5	7.059	3.13%	85.96%
6	7.381		
6	7.381	2.16%	88.12%
5	7.644		
5	7.644	1.54%	89.67%
4.3	7.861		
4.3	7.861	0.67%	90.34%
4	7.966		
4	7.966	0.67%	91.02%
3.7	8.078		
3.7	8.078	1.39%	92.41%
3.1	8.334		
3.1	8.334	1.21%	93.62%
2.6	8.587		
2.6	8.587	1.02%	94.64%
2.2	8.828		
2.2	8.828	1.08%	95.72%
1.8	9.118		
1.8	9.118	0.86%	96.58%
1.5	9.381		
1.5	9.381	0.60%	97.19%
1.3	9.587		
1.3	9.587	0.63%	97.82%
1.1	9.828		
1.1	9.828	0.67%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 46
Livello (cm)	(100-125)
Peso totale (g)	38.1
Frazione > 63 μm (%)	66.7
Frazione < 63 μm (%)	33.3

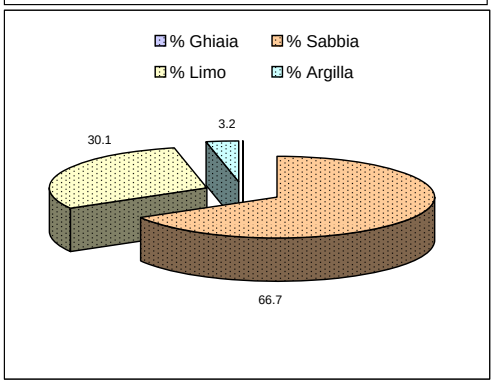
Frazione grossolana (> 63 μm) = 66.7	
% Ghiaia	% Sabbia
0.0	66.7

Frazione pelitica (< 63 μm) = 33.3	
% Limo	% Argilla
30.1	3.2

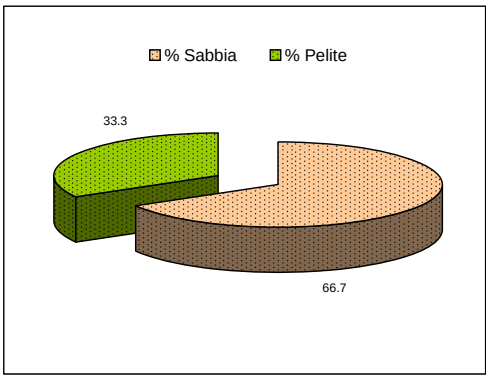
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.880
Deviazione Standard	1.484
Asimmetria (Skewness)	0.389
Appuntimento (Kurtosis)	1.170
Mediana (Φ)	3.563
Moda (Φ)	4.000

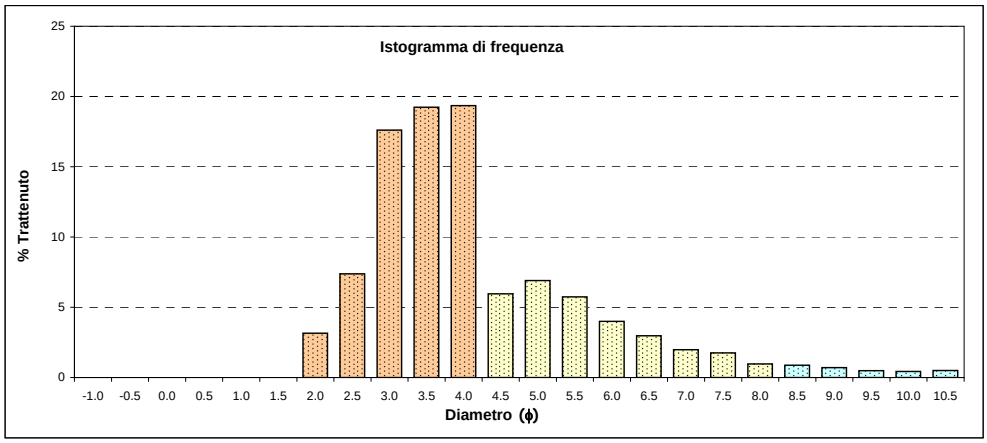
Percentili (Φ)	
5	2.110
16	2.637
25	2.897
50	3.563
75	4.707
84	5.441
95	7.276

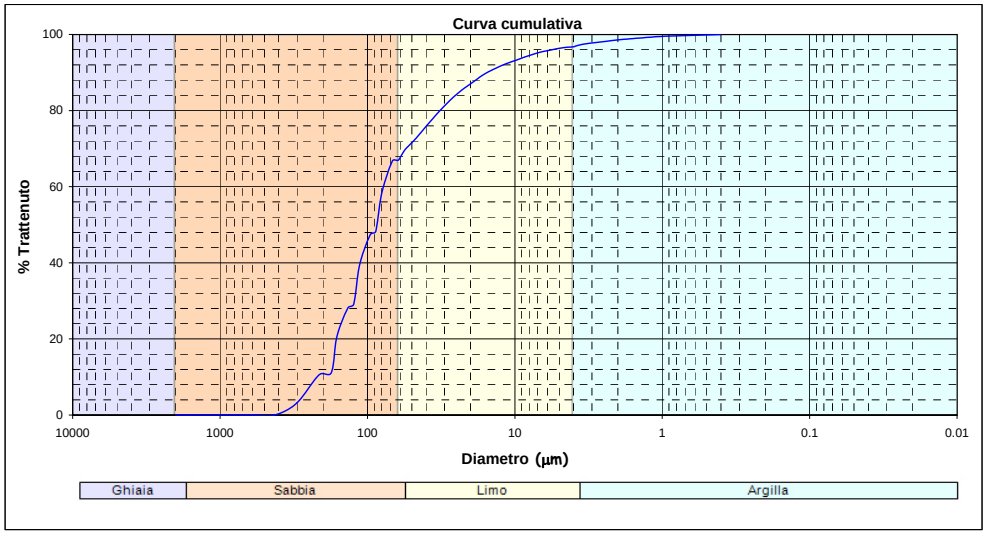
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.15%	3.15%
250	2		
250	2	7.38%	10.54%
176.78	2.5		
176.78	2.5	0.61%	11.14%
175	2.515		
175	2.515	9.52%	20.66%
147	2.766		
147	2.766	7.48%	28.14%
125	3		
125	3	1.03%	29.17%
123	3.023		
123	3.023	10.34%	39.51%
103	3.279		
103	3.279	7.87%	47.38%
88.39	3.5		
88.39	3.5	0.93%	48.31%
87	3.523		
87	3.523	10.03%	58.34%
73	3.776		
73	3.776	8.39%	66.73%
62.5	4		
62.5	4	0.23%	66.96%
61	4.035		
61	4.035	2.65%	69.61%
51	4.293		
51	4.293	3.07%	72.68%
43	4.54		
43	4.54	3.45%	76.13%
36	4.796		
36	4.796	3.45%	79.58%
30	5.059		
30	5.059	3.13%	82.71%
25	5.322		
25	5.322	2.61%	85.32%
21	5.573		
21	5.573	1.99%	87.31%
18	5.796		
18	5.796	2.00%	89.31%
15	6.059		
15	6.059	1.66%	90.97%
12.5	6.322		
12.5	6.322	1.32%	92.29%
10.5	6.573		
10.5	6.573	0.98%	93.27%
9	6.796		
9	6.796	1.00%	94.27%
7.5	7.059		
7.5	7.059	1.04%	95.31%
6	7.381		
6	7.381	0.71%	96.03%
5	7.644		
5	7.644	0.51%	96.54%
4.3	7.861		
4.3	7.861	0.23%	96.76%
4	7.966		
4	7.966	0.23%	96.99%
3.7	8.078		
3.7	8.078	0.47%	97.46%
3.1	8.334		
3.1	8.334	0.41%	97.86%
2.6	8.587		
2.6	8.587	0.34%	98.21%
2.2	8.828		
2.2	8.828	0.36%	98.57%
1.8	9.118		
1.8	9.118	0.29%	98.86%
1.5	9.381		
1.5	9.381	0.20%	99.07%
1.3	9.587		
1.3	9.587	0.21%	99.28%
1.1	9.828		
1.1	9.828	0.22%	99.50%
0.9	10.118		
< 0,900	> 10,118	0.50%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 46**
Livello (cm)	**(125-150)**
Peso totale (g)	34.0
Frazione > 63 µm (%)	52.6
Frazione < 63 µm (%)	47.4

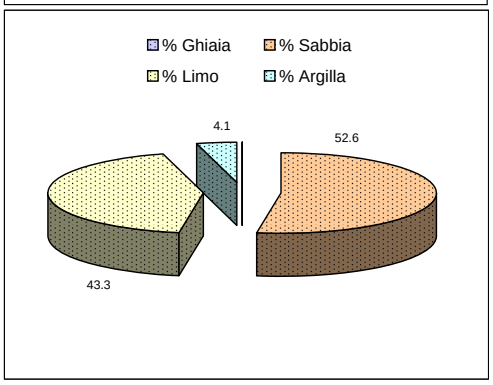
Frazione grossolana (> 63 µm) = 52.6	
% Ghiaia	**% Sabbia**
0.0	**52.6**

Frazione pelitica (< 63 µm) = 47.4	
% Limo	**% Argilla**
43.3	**4.1**

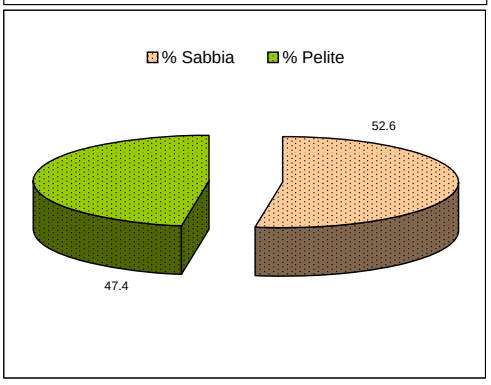
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.133
Deviazione Standard	1.646
Asimmetria (Skewness)	0.277
Appuntimento (Kurtosis)	1.013
Mediana (Φ)	3.909
Moda (Φ)	4.000

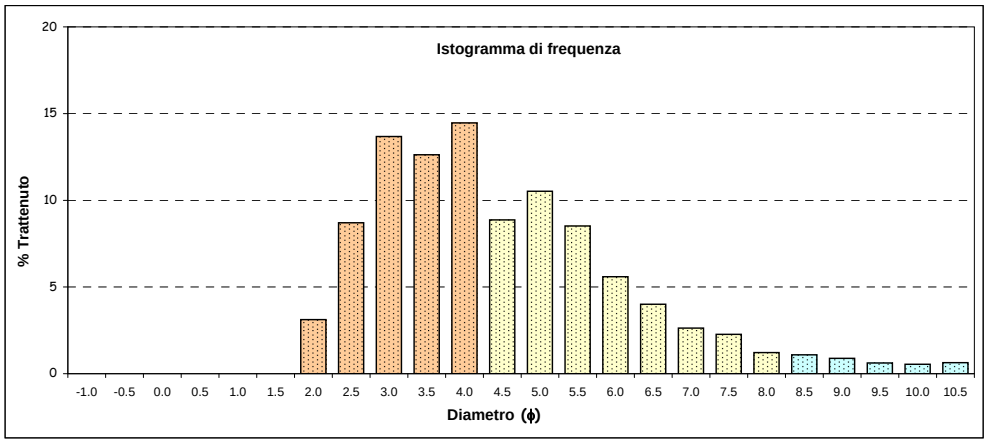
Percentili (Φ)	
5	2.094
16	2.635
25	2.978
50	3.909
75	5.222
84	5.855
95	7.642

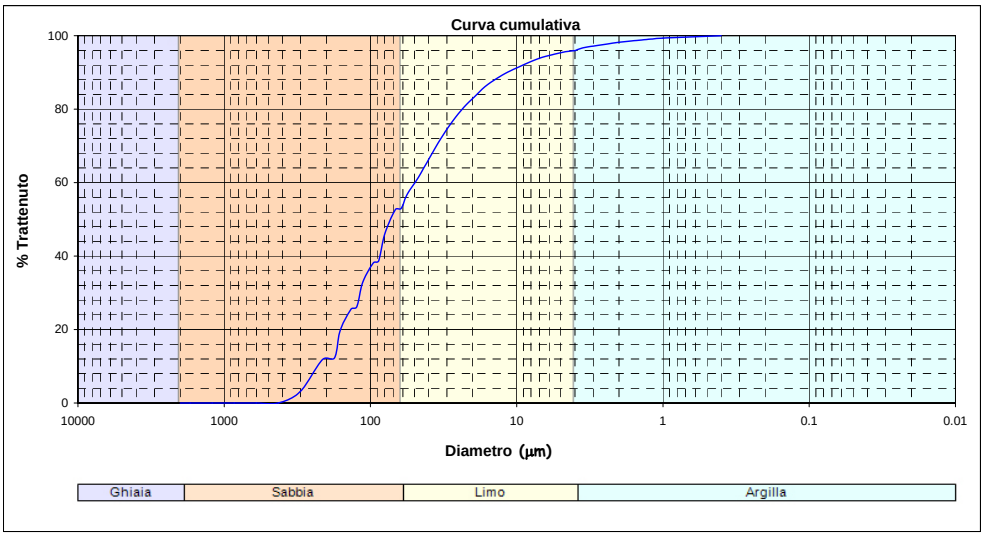
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.12%	3.12%
250	2		
250	2	8.71%	11.82%
176.78	2.5		
176.78	2.5	0.47%	12.29%
175	2.515		
175	2.515	7.40%	19.69%
147	2.766		
147	2.766	5.81%	25.50%
125	3		
125	3	0.67%	26.17%
123	3.023		
123	3.023	6.68%	32.85%
103	3.279		
103	3.279	5.27%	38.13%
88.39	3.5		
88.39	3.5	0.62%	38.74%
87	3.523		
87	3.523	7.18%	45.92%
73	3.776		
73	3.776	6.68%	52.59%
62.5	4		
62.5	4	0.33%	52.92%
61	4.035		
61	4.035	3.91%	56.83%
51	4.293		
51	4.293	4.63%	61.46%
43	4.54		
43	4.54	5.26%	66.72%
36	4.796		
36	4.796	5.26%	71.98%
30	5.059		
30	5.059	4.70%	76.68%
25	5.322		
25	5.322	3.82%	80.50%
21	5.573		
21	5.573	2.83%	83.33%
18	5.796		
18	5.796	2.76%	86.09%
15	6.059		
15	6.059	2.25%	88.34%
12.5	6.322		
12.5	6.322	1.76%	90.10%
10.5	6.573		
10.5	6.573	1.31%	91.41%
9	6.796		
9	6.796	1.32%	92.73%
7.5	7.059		
7.5	7.059	1.36%	94.09%
6	7.381		
6	7.381	0.92%	95.01%
5	7.644		
5	7.644	0.65%	95.66%
4.3	7.861		
4.3	7.861	0.28%	95.94%
4	7.966		
4	7.966	0.28%	96.22%
3.7	8.078		
3.7	8.078	0.58%	96.81%
3.1	8.334		
3.1	8.334	0.51%	97.31%
2.6	8.587		
2.6	8.587	0.43%	97.74%
2.2	8.828		
2.2	8.828	0.46%	98.20%
1.8	9.118		
1.8	9.118	0.36%	98.56%
1.5	9.381		
1.5	9.381	0.25%	98.81%
1.3	9.587		
1.3	9.587	0.27%	99.08%
1.1	9.828		
1.1	9.828	0.28%	99.36%
0.9	10.118		
< 0,900	> 10,118	0.64%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 46
Livello (cm)	(150-175)
Peso totale (g)	59.4
Frazione > 63 µm (%)	89.5
Frazione < 63 µm (%)	10.5

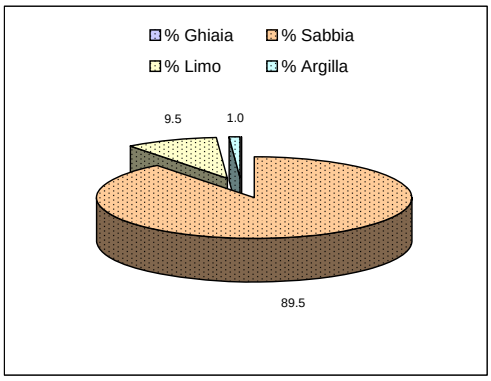
Frazione grossolana (> 63 µm) = 89.5	
% Ghiaia	% Sabbia
0.0	89.5

Frazione pelitica (< 63 µm) = 10.5	
% Limo	% Argilla
9.5	1.0

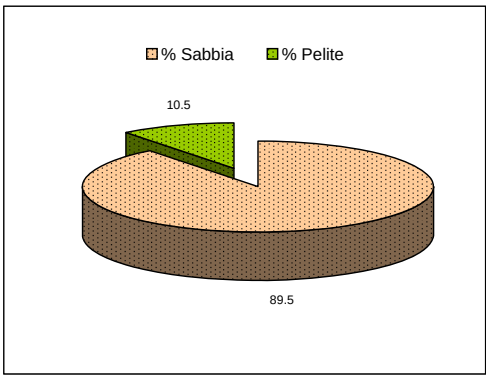
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.768
Deviazione Standard	0.953
Asimmetria (Skewness)	0.357
Appuntimento (Kurtosis)	1.486
Mediana (Φ)	2.633
Moda (Φ)	2.500

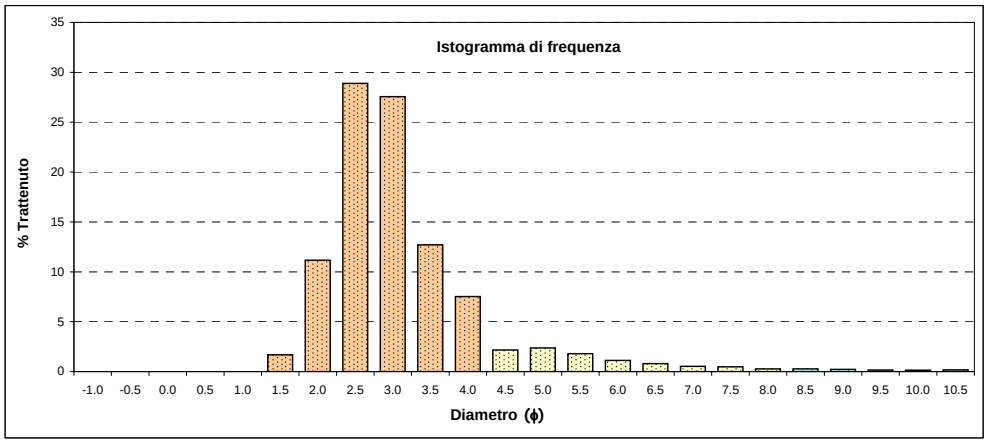
Percentili (Φ)	
5	1.631
16	2.047
25	2.190
50	2.633
75	3.206
84	3.625
95	5.315

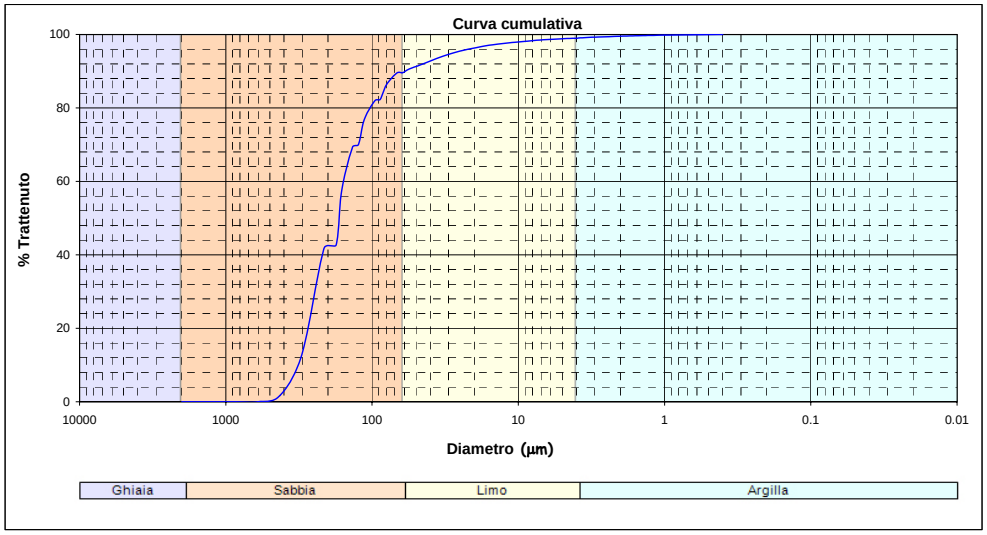
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.68%	1.68%
353.55	1.5		
353.55	1.5	11.16%	12.84%
250	2		
250	2	28.88%	41.73%
176.78	2.5		
176.78	2.5	0.95%	42.67%
175	2.515		
175	2.515	14.90%	57.57%
147	2.766		
147	2.766	11.71%	69.28%
125	3		
125	3	0.69%	69.97%
123	3.023		
123	3.023	6.88%	76.85%
103	3.279		
103	3.279	5.13%	81.98%
88.39	3.5		
88.39	3.5	0.36%	82.34%
87	3.523		
87	3.523	3.90%	86.25%
73	3.776		
73	3.776	3.25%	89.50%
62.5	4		
62.5	4	0.08%	89.58%
61	4.035		
61	4.035	0.97%	90.55%
51	4.293		
51	4.293	1.10%	91.66%
43	4.54		
43	4.54	1.21%	92.86%
36	4.796		
36	4.796	1.16%	94.02%
30	5.059		
30	5.059	1.00%	95.02%
25	5.322		
25	5.322	0.79%	95.81%
21	5.573		
21	5.573	0.57%	96.39%
18	5.796		
18	5.796	0.55%	96.94%
15	6.059		
15	6.059	0.45%	97.39%
12.5	6.322		
12.5	6.322	0.35%	97.74%
10.5	6.573		
10.5	6.573	0.26%	98.00%
9	6.796		
9	6.796	0.27%	98.27%
7.5	7.059		
7.5	7.059	0.28%	98.55%
6	7.381		
6	7.381	0.20%	98.75%
5	7.644		
5	7.644	0.15%	98.90%
4.3	7.861		
4.3	7.861	0.07%	98.96%
4	7.966		
4	7.966	0.07%	99.03%
3.7	8.078		
3.7	8.078	0.14%	99.17%
3.1	8.334		
3.1	8.334	0.13%	99.29%
2.6	8.587		
2.6	8.587	0.11%	99.40%
2.2	8.828		
2.2	8.828	0.12%	99.52%
1.8	9.118		
1.8	9.118	0.10%	99.61%
1.5	9.381		
1.5	9.381	0.07%	99.68%
1.3	9.587		
1.3	9.587	0.07%	99.75%
1.1	9.828		
1.1	9.828	0.08%	99.83%
0.9	10.118		
< 0,900	> 10,118	0.17%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 46
Livello (cm)	(175-200)
Peso totale (g)	102.2
Frazione > 63 µm (%)	94.8
Frazione < 63 µm (%)	5.2

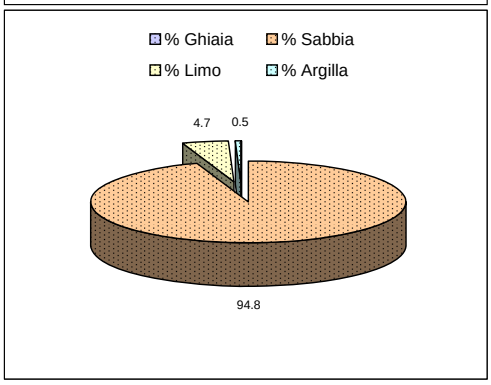
Frazione grossolana (> 63 µm) = 94.8	
% Ghiaia	% Sabbia
0.0	94.8

Frazione pelitica (< 63 µm) = 5.2	
% Limo	% Argilla
4.7	0.5

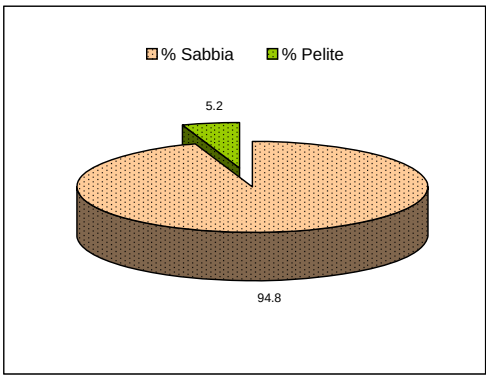
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.515
Deviazione Standard	0.650
Asimmetria (Skewness)	0.249
Appuntimento (Kurtosis)	1.401
Mediana (Φ)	2.454
Moda (Φ)	2.500

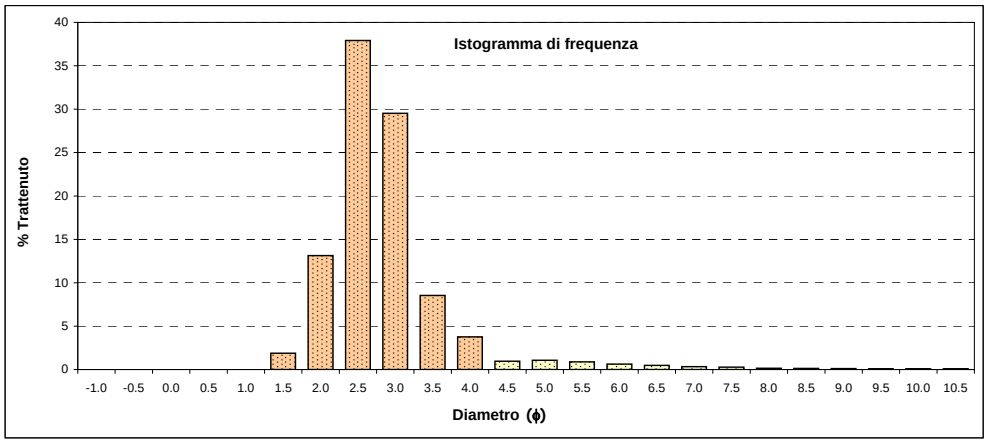
Percentili (Φ)	
5	1.604
16	2.011
25	2.116
50	2.454
75	2.856
84	3.078
95	4.136

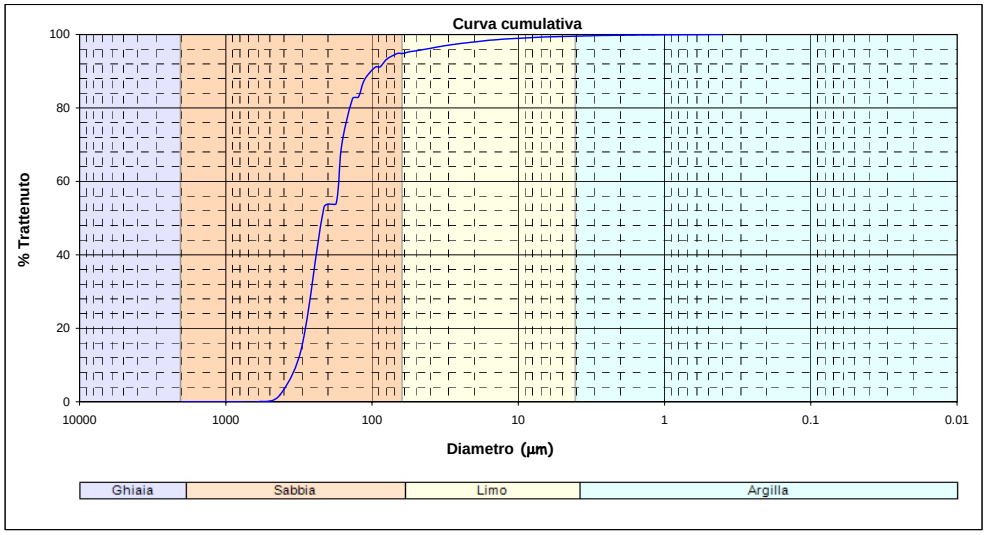
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.88%	1.88%
353.55	1.5		
353.55	1.5	13.14%	15.02%
250	2		
250	2	37.93%	52.94%
176.78	2.5		
176.78	2.5	1.02%	53.96%
175	2.515		
175	2.515	15.97%	69.93%
147	2.766		
147	2.766	12.55%	82.47%
125	3		
125	3	0.46%	82.93%
123	3.023		
123	3.023	4.64%	87.57%
103	3.279		
103	3.279	3.45%	91.02%
88.39	3.5		
88.39	3.5	0.18%	91.20%
87	3.523		
87	3.523	1.97%	93.17%
73	3.776		
73	3.776	1.61%	94.79%
62.5	4		
62.5	4	0.04%	94.82%
61	4.035		
61	4.035	0.43%	95.25%
51	4.293		
51	4.293	0.48%	95.74%
43	4.54		
43	4.54	0.54%	96.27%
36	4.796		
36	4.796	0.53%	96.80%
30	5.059		
30	5.059	0.48%	97.29%
25	5.322		
25	5.322	0.41%	97.69%
21	5.573		
21	5.573	0.31%	98.00%
18	5.796		
18	5.796	0.32%	98.32%
15	6.059		
15	6.059	0.27%	98.59%
12.5	6.322		
12.5	6.322	0.22%	98.81%
10.5	6.573		
10.5	6.573	0.16%	98.97%
9	6.796		
9	6.796	0.16%	99.13%
7.5	7.059		
7.5	7.059	0.17%	99.30%
6	7.381		
6	7.381	0.11%	99.41%
5	7.644		
5	7.644	0.08%	99.49%
4.3	7.861		
4.3	7.861	0.03%	99.52%
4	7.966		
4	7.966	0.03%	99.55%
3.7	8.078		
3.7	8.078	0.07%	99.62%
3.1	8.334		
3.1	8.334	0.06%	99.68%
2.6	8.587		
2.6	8.587	0.05%	99.73%
2.2	8.828		
2.2	8.828	0.05%	99.78%
1.8	9.118		
1.8	9.118	0.04%	99.82%
1.5	9.381		
1.5	9.381	0.03%	99.85%
1.3	9.587		
1.3	9.587	0.03%	99.89%
1.1	9.828		
1.1	9.828	0.03%	99.92%
0.9	10.118		
< 0,900	> 10,118	0.08%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 47
Livello (cm)	(0-25)
Peso totale (g)	20.7
Frazione > 63 µm (%)	15.5
Frazione < 63 µm (%)	84.5

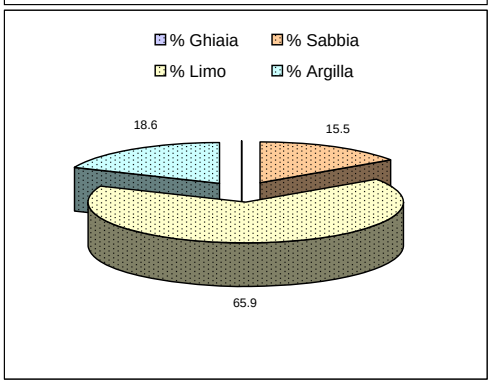
Frazione grossolana (> 63 µm) = 15.5	
% Ghiaia	% Sabbia
0.0	15.5

Frazione pelitica (< 63 µm) = 84.5	
% Limo	% Argilla
65.9	18.6

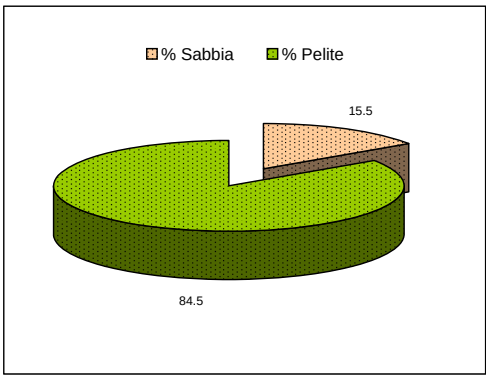
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.143
Deviazione Standard	2.009
Asimmetria (Skewness)	0.049
Appuntimento (Kurtosis)	1.065
Mediana (Φ)	6.126
Moda (Φ)	6.500

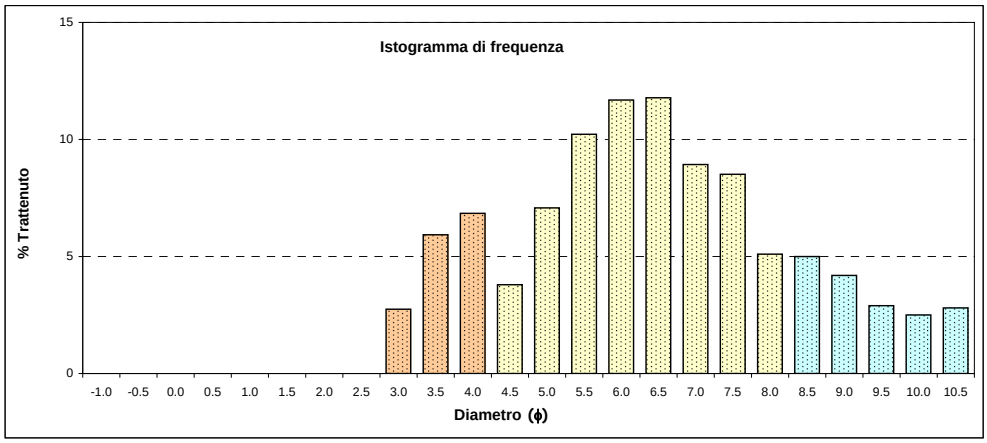
Percentili (Φ)	
5	3.170
16	4.095
25	4.962
50	6.126
75	7.453
84	8.207
95	9.643

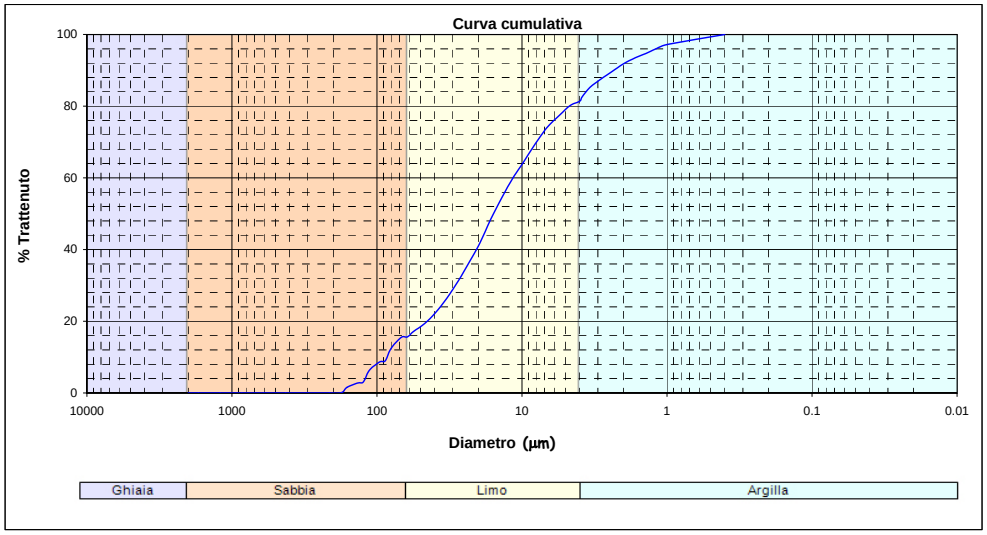
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.09%	0.09%
175	2.515		
175	2.515	1.49%	1.58%
147	2.766		
147	2.766	1.17%	2.75%
125	3		
125	3	0.32%	3.07%
123	3.023		
123	3.023	3.24%	6.31%
103	3.279		
103	3.279	2.37%	8.68%
88.39	3.5		
88.39	3.5	0.31%	8.99%
87	3.523		
87	3.523	3.44%	12.43%
73	3.776		
73	3.776	3.09%	15.52%
62.5	4		
62.5	4	0.11%	15.62%
61	4.035		
61	4.035	1.52%	17.14%
51	4.293		
51	4.293	2.17%	19.31%
43	4.54		
43	4.54	3.07%	22.38%
36	4.796		
36	4.796	4.00%	26.39%
30	5.059		
30	5.059	4.85%	31.24%
25	5.322		
25	5.322	5.37%	36.60%
21	5.573		
21	5.573	5.21%	41.81%
18	5.796		
18	5.796	6.48%	48.29%
15	6.059		
15	6.059	6.29%	54.57%
12.5	6.322		
12.5	6.322	5.49%	60.07%
10.5	6.573		
10.5	6.573	4.34%	64.41%
9	6.796		
9	6.796	4.59%	69.00%
7.5	7.059		
7.5	7.059	4.96%	73.95%
6	7.381		
6	7.381	3.56%	77.51%
5	7.644		
5	7.644	2.66%	80.17%
4.3	7.861		
4.3	7.861	1.22%	81.39%
4	7.966		
4	7.966	1.22%	82.61%
3.7	8.078		
3.7	8.078	2.63%	85.24%
3.1	8.334		
3.1	8.334	2.37%	87.61%
2.6	8.587		
2.6	8.587	2.03%	89.63%
2.2	8.828		
2.2	8.828	2.16%	91.80%
1.8	9.118		
1.8	9.118	1.71%	93.51%
1.5	9.381		
1.5	9.381	1.19%	94.70%
1.3	9.587		
1.3	9.587	1.23%	95.93%
1.1	9.828		
1.1	9.828	1.27%	97.20%
0.9	10.118		
< 0,900	> 10,118	2.80%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 47
Livello (cm)	(25-50)
Peso totale (g)	41.7
Frazione > 63 μm (%)	4.9
Frazione < 63 μm (%)	95.1

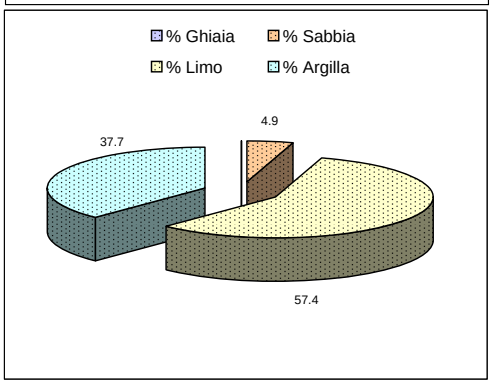
Frazione grossolana (> 63 μm) = 4.9	
% Ghiaia	% Sabbia
0.0	4.9

Frazione pelitica (< 63 μm) = 95.1	
% Limo	% Argilla
57.4	37.7

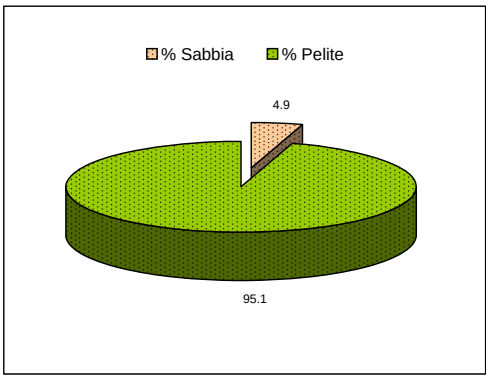
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.379
Deviazione Standard	1.846
Asimmetria (Skewness)	-0.038
Appuntimento (Kurtosis)	1.001
Mediana (Φ)	7.378
Moda (Φ)	7.500

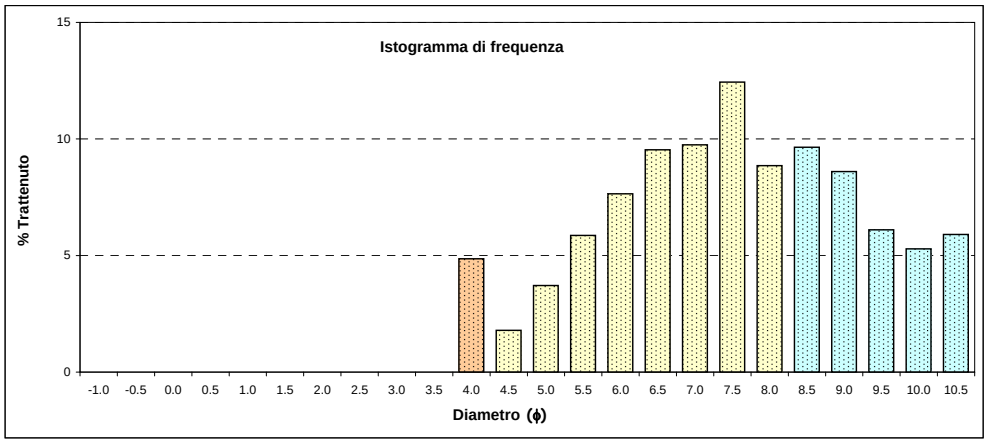
Percentili (Φ)	
5	4.066
16	5.553
25	6.116
50	7.378
75	8.636
84	9.207
95	10.220

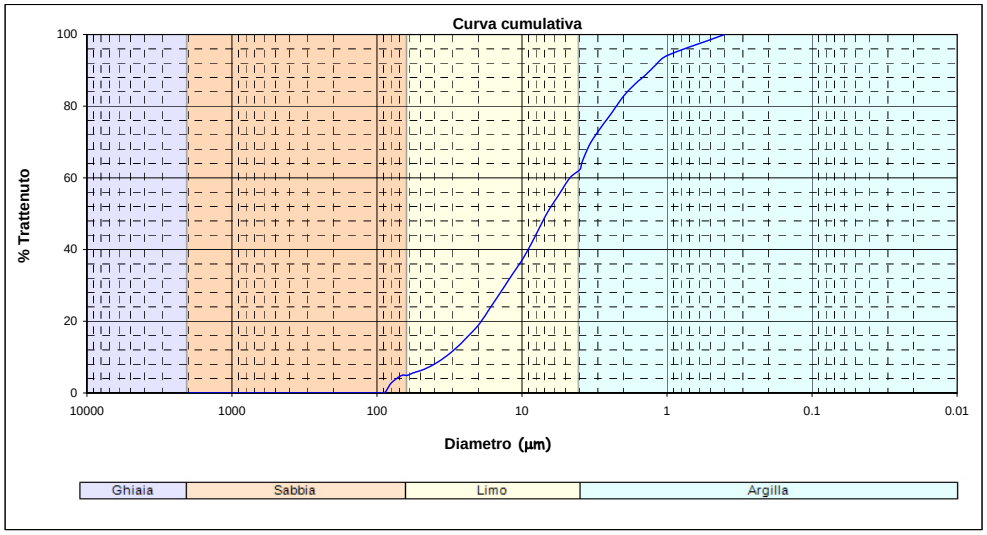
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.24%	0.24%
87	3.523		
87	3.523	2.50%	2.73%
73	3.776		
73	3.776	2.13%	4.86%
62.5	4		
62.5	4	0.05%	4.91%
61	4.035		
61	4.035	0.70%	5.61%
51	4.293		
51	4.293	1.04%	6.65%
43	4.54		
43	4.54	1.57%	8.22%
36	4.796		
36	4.796	2.15%	10.37%
30	5.059		
30	5.059	2.71%	13.08%
25	5.322		
25	5.322	3.15%	16.23%
21	5.573		
21	5.573	3.24%	19.47%
18	5.796		
18	5.796	4.40%	23.88%
15	6.059		
15	6.059	4.79%	28.67%
12.5	6.322		
12.5	6.322	4.75%	33.42%
10.5	6.573		
10.5	6.573	4.33%	37.75%
9	6.796		
9	6.796	5.42%	43.17%
7.5	7.059		
7.5	7.059	6.89%	50.05%
6	7.381		
6	7.381	5.55%	55.60%
5	7.644		
5	7.644	4.49%	60.09%
4.3	7.861		
4.3	7.861	2.18%	62.28%
4	7.966		
4	7.966	2.18%	64.46%
3.7	8.078		
3.7	8.078	4.98%	69.44%
3.1	8.334		
3.1	8.334	4.67%	74.11%
2.6	8.587		
2.6	8.587	4.12%	78.22%
2.2	8.828		
2.2	8.828	4.48%	82.71%
1.8	9.118		
1.8	9.118	3.59%	86.30%
1.5	9.381		
1.5	9.381	2.51%	88.81%
1.3	9.587		
1.3	9.587	2.60%	91.41%
1.1	9.828		
1.1	9.828	2.69%	94.10%
0.9	10.118		
< 0,900	> 10,118	5.90%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 47**
Livello (cm)	**(50-75)**
Peso totale (g)	40.9
Frazione > 63 μm (%)	10.6
Frazione < 63 μm (%)	89.4

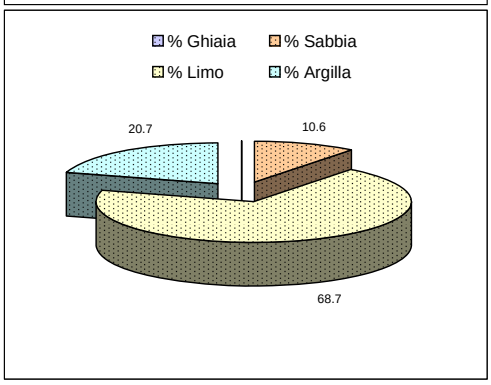
Frazione grossolana (> 63 μm) = 10.6	
% Ghiaia	**% Sabbia**
0.0	**10.6**

Frazione pelitica (< 63 μm) = 89.4	
% Limo	**% Argilla**
68.7	**20.7**

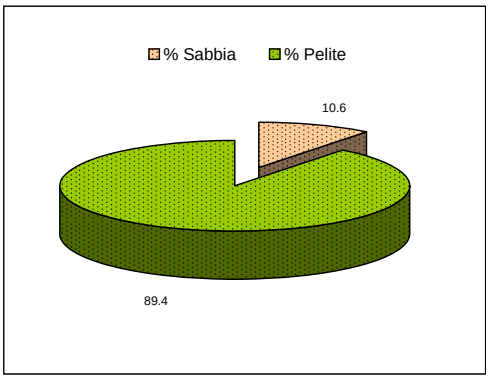
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.424
Deviazione Standard	1.896
Asimmetria (Skewness)	0.079
Appuntimento (Kurtosis)	1.041
Mediana (Φ)	6.311
Moda (Φ)	6.500

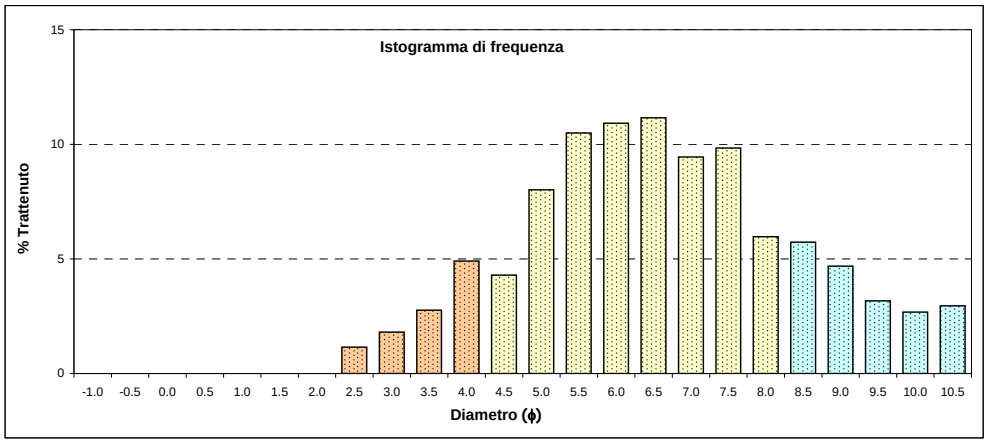
Percentili (Φ)	
5	3.351
16	4.612
25	5.158
50	6.311
75	7.656
84	8.350
95	9.698

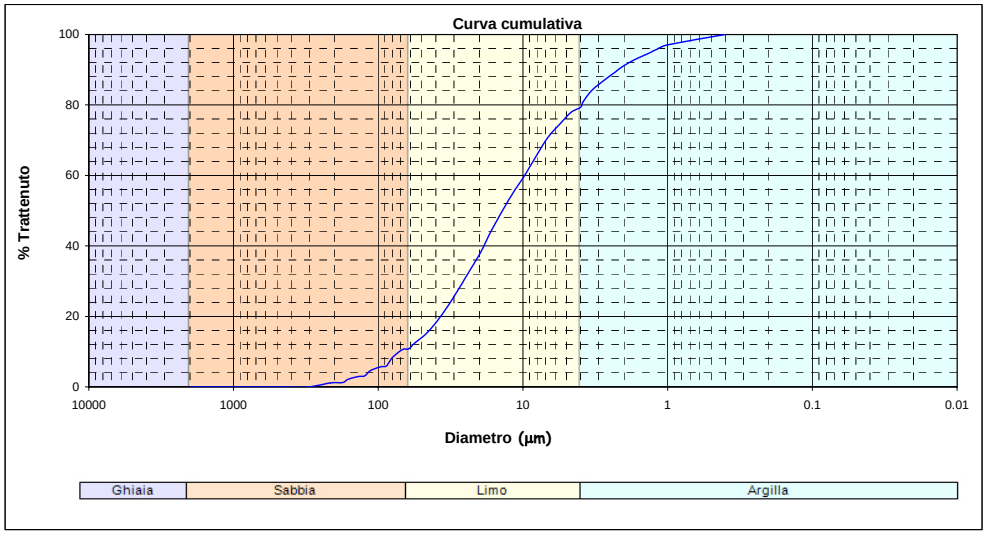
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.15%	1.15%
176.78	2.5		
176.78	2.5	0.06%	1.21%
175	2.515		
175	2.515	0.98%	2.19%
147	2.766		
147	2.766	0.77%	2.96%
125	3		
125	3	0.15%	3.11%
123	3.023		
123	3.023	1.51%	4.62%
103	3.279		
103	3.279	1.10%	5.73%
88.39	3.5		
88.39	3.5	0.21%	5.93%
87	3.523		
87	3.523	2.37%	8.30%
73	3.776		
73	3.776	2.34%	10.64%
62.5	4		
62.5	4	0.11%	10.75%
61	4.035		
61	4.035	1.69%	12.44%
51	4.293		
51	4.293	2.49%	14.93%
43	4.54		
43	4.54	3.54%	18.47%
36	4.796		
36	4.796	4.48%	22.95%
30	5.059		
30	5.059	5.14%	28.09%
25	5.322		
25	5.322	5.35%	33.45%
21	5.573		
21	5.573	4.94%	38.39%
18	5.796		
18	5.796	5.98%	44.37%
15	6.059		
15	6.059	5.85%	50.21%
12.5	6.322		
12.5	6.322	5.31%	55.52%
10.5	6.573		
10.5	6.573	4.44%	59.96%
9	6.796		
9	6.796	5.01%	64.97%
7.5	7.059		
7.5	7.059	5.67%	70.64%
6	7.381		
6	7.381	4.16%	74.81%
5	7.644		
5	7.644	3.13%	77.93%
4.3	7.861		
4.3	7.861	1.42%	79.35%
4	7.966		
4	7.966	1.42%	80.78%
3.7	8.078		
3.7	8.078	3.04%	83.81%
3.1	8.334		
3.1	8.334	2.70%	86.51%
2.6	8.587		
2.6	8.587	2.28%	88.79%
2.2	8.828		
2.2	8.828	2.40%	91.19%
1.8	9.118		
1.8	9.118	1.88%	93.07%
1.5	9.381		
1.5	9.381	1.29%	94.37%
1.3	9.587		
1.3	9.587	1.33%	95.69%
1.1	9.828		
1.1	9.828	1.36%	97.05%
0.9	10.118		
< 0,900	> 10,118	2.95%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 47
Livello (cm)	(75-100)
Peso totale (g)	71.6
Frazione > 63 μm (%)	12.8
Frazione < 63 μm (%)	87.2

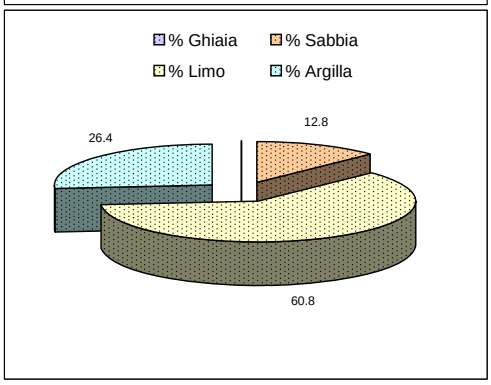
Frazione grossolana (> 63 μm) = 12.8	
% Ghiaia	% Sabbia
0.0	12.8

Frazione pelitica (< 63 μm) = 87.2	
% Limo	% Argilla
60.8	26.4

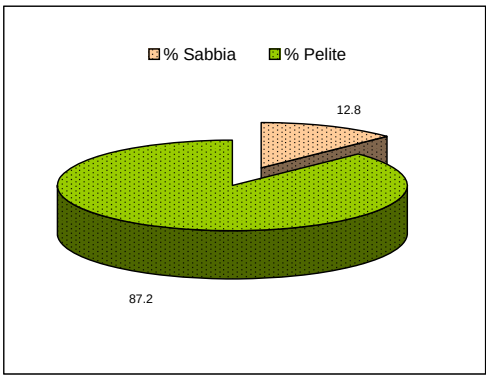
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.550
Deviazione Standard	2.130
Asimmetria (Skewness)	-0.014
Appuntimento (Kurtosis)	0.936
Mediana (Φ)	6.578
Moda (Φ)	7.500

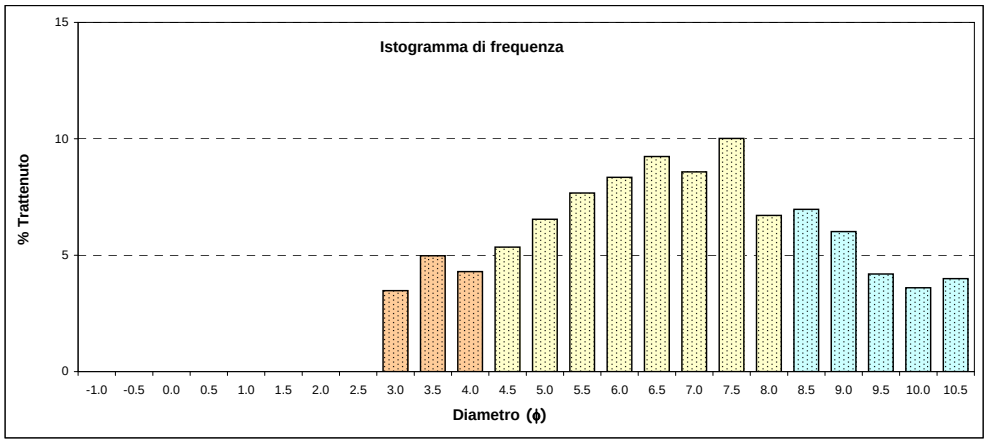
Percentili (Φ)	
5	3.144
16	4.340
25	5.081
50	6.578
75	8.063
84	8.733
95	9.951

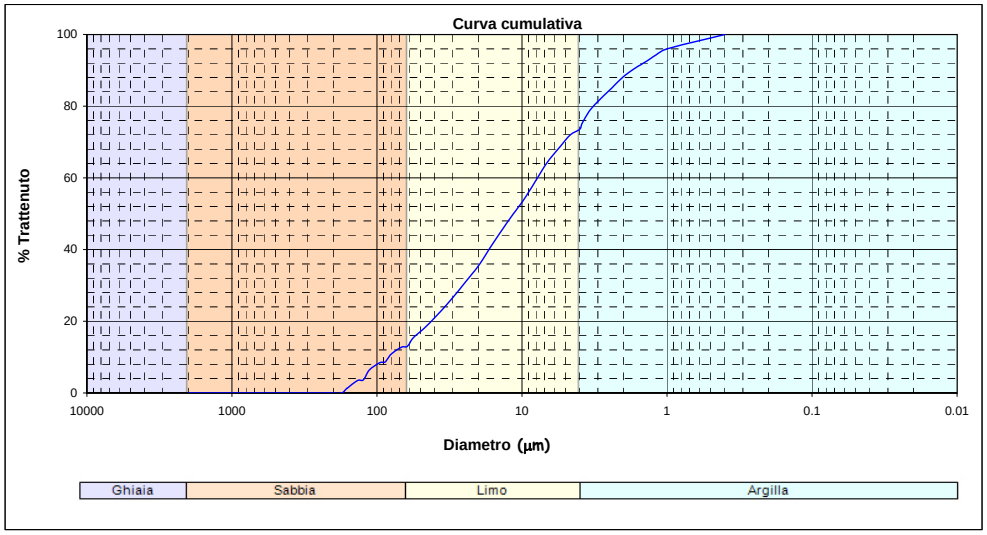
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	1.28%	1.28%
147	2.766		
147	2.766	2.20%	3.48%
125	3		
125	3	0.20%	3.68%
123	3.023		
123	3.023	2.68%	6.36%
103	3.279		
103	3.279	2.10%	8.46%
88.39	3.5		
88.39	3.5	0.20%	8.66%
87	3.523		
87	3.523	2.16%	10.81%
73	3.776		
73	3.776	1.94%	12.75%
62.5	4		
62.5	4	0.28%	13.03%
61	4.035		
61	4.035	2.44%	15.47%
51	4.293		
51	4.293	2.64%	18.10%
43	4.54		
43	4.54	3.08%	21.18%
36	4.796		
36	4.796	3.47%	24.65%
30	5.059		
30	5.059	3.77%	28.42%
25	5.322		
25	5.322	3.90%	32.32%
21	5.573		
21	5.573	3.69%	36.02%
18	5.796		
18	5.796	4.65%	40.67%
15	6.059		
15	6.059	4.75%	45.42%
12.5	6.322		
12.5	6.322	4.49%	49.91%
10.5	6.573		
10.5	6.573	3.92%	53.83%
9	6.796		
9	6.796	4.66%	58.49%
7.5	7.059		
7.5	7.059	5.64%	64.13%
6	7.381		
6	7.381	4.38%	68.51%
5	7.644		
5	7.644	3.44%	71.95%
4.3	7.861		
4.3	7.861	1.63%	73.59%
4	7.966		
4	7.966	1.63%	75.22%
3.7	8.078		
3.7	8.078	3.63%	78.85%
3.1	8.334		
3.1	8.334	3.34%	82.19%
2.6	8.587		
2.6	8.587	2.90%	85.09%
2.2	8.828		
2.2	8.828	3.12%	88.21%
1.8	9.118		
1.8	9.118	2.48%	90.68%
1.5	9.381		
1.5	9.381	1.72%	92.40%
1.3	9.587		
1.3	9.587	1.78%	94.18%
1.1	9.828		
1.1	9.828	1.83%	96.00%
0.9	10.118		
< 0,900	> 10,118	4.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 47
Livello (cm)	(100-125)
Peso totale (g)	38.3
Frazione > 63 µm (%)	71.9
Frazione < 63 µm (%)	28.1

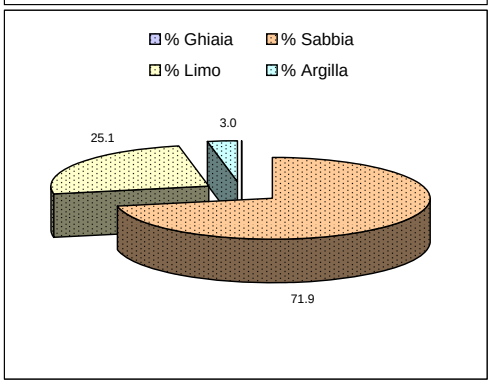
Frazione grossolana (> 63 µm) = 71.9	
% Ghiaia	% Sabbia
0.0	71.9

Frazione pelitica (< 63 µm) = 28.1	
% Limo	% Argilla
25.1	3.0

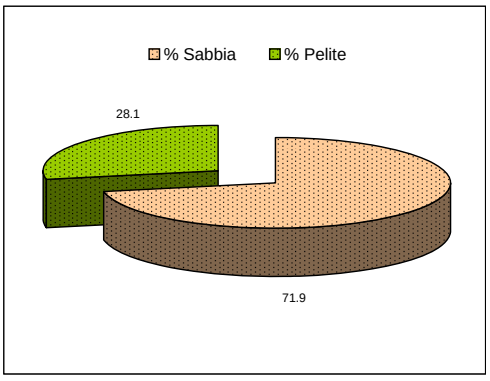
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.421
Deviazione Standard	1.556
Asimmetria (Skewness)	0.417
Appuntimento (Kurtosis)	1.102
Mediana (Φ)	3.068
Moda (Φ)	2.500

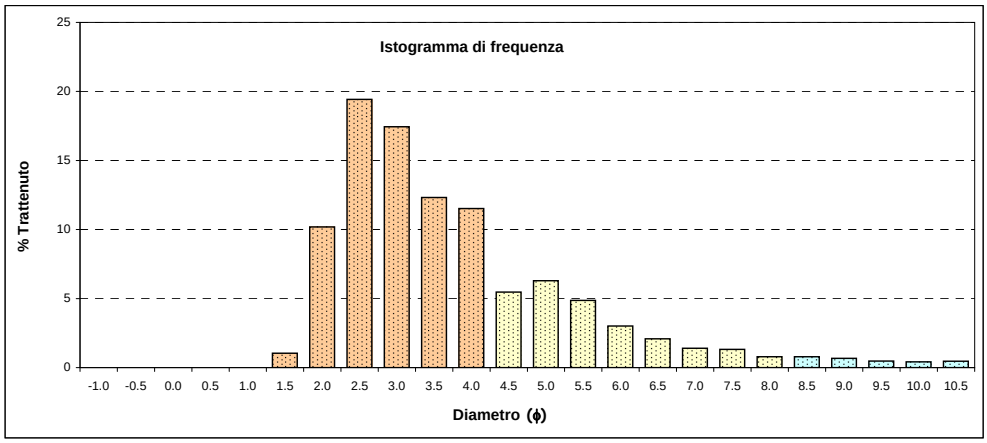
Percentili (Φ)	
5	1.674
16	2.108
25	2.336
50	3.068
75	4.328
84	5.086
95	7.030

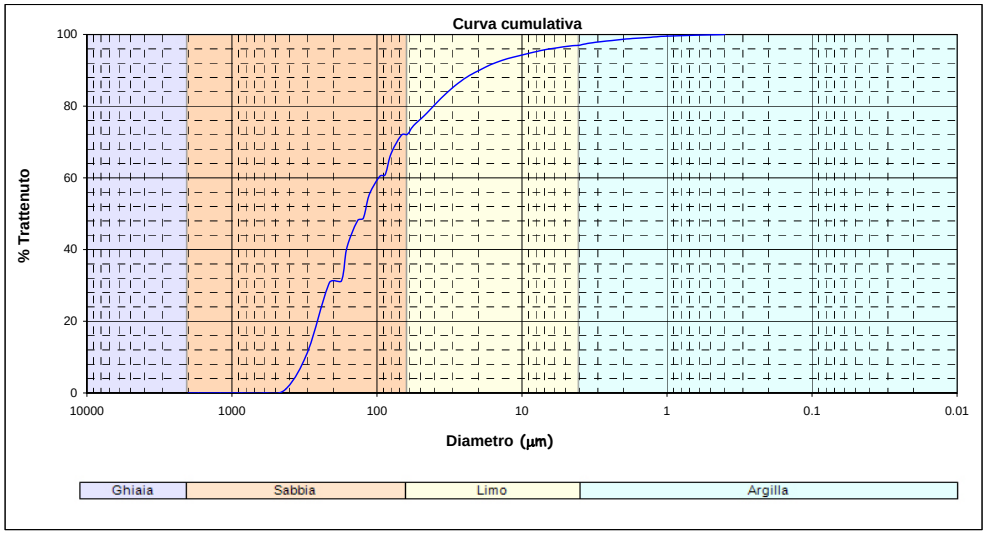
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.04%	1.04%
353.55	1.5		
353.55	1.5	10.18%	11.23%
250	2		
250	2	19.42%	30.65%
176.78	2.5		
176.78	2.5	0.60%	31.25%
175	2.515		
175	2.515	9.43%	40.68%
147	2.766		
147	2.766	7.41%	48.09%
125	3		
125	3	0.66%	48.75%
123	3.023		
123	3.023	6.60%	55.36%
103	3.279		
103	3.279	5.06%	60.41%
88.39	3.5		
88.39	3.5	0.52%	60.93%
87	3.523		
87	3.523	5.82%	66.75%
73	3.776		
73	3.776	5.18%	71.94%
62.5	4		
62.5	4	0.21%	72.14%
61	4.035		
61	4.035	2.43%	74.57%
51	4.293		
51	4.293	2.84%	77.41%
43	4.54		
43	4.54	3.18%	80.59%
36	4.796		
36	4.796	3.11%	83.70%
30	5.059		
30	5.059	2.72%	86.42%
25	5.322		
25	5.322	2.15%	88.56%
21	5.573		
21	5.573	1.55%	90.11%
18	5.796		
18	5.796	1.47%	91.58%
15	6.059		
15	6.059	1.18%	92.76%
12.5	6.322		
12.5	6.322	0.91%	93.67%
10.5	6.573		
10.5	6.573	0.69%	94.36%
9	6.796		
9	6.796	0.71%	95.07%
7.5	7.059		
7.5	7.059	0.77%	95.84%
6	7.381		
6	7.381	0.55%	96.39%
5	7.644		
5	7.644	0.41%	96.81%
4.3	7.861		
4.3	7.861	0.19%	97.00%
4	7.966		
4	7.966	0.19%	97.19%
3.7	8.078		
3.7	8.078	0.41%	97.60%
3.1	8.334		
3.1	8.334	0.38%	97.97%
2.6	8.587		
2.6	8.587	0.32%	98.30%
2.2	8.828		
2.2	8.828	0.35%	98.65%
1.8	9.118		
1.8	9.118	0.28%	98.93%
1.5	9.381		
1.5	9.381	0.19%	99.12%
1.3	9.587		
1.3	9.587	0.20%	99.32%
1.1	9.828		
1.1	9.828	0.21%	99.53%
0.9	10.118		
< 0,900	> 10,118	0.47%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 47
Livello (cm)	(125-150)
Peso totale (g)	63.4
Frazione > 63 µm (%)	89.8
Frazione < 63 µm (%)	10.2

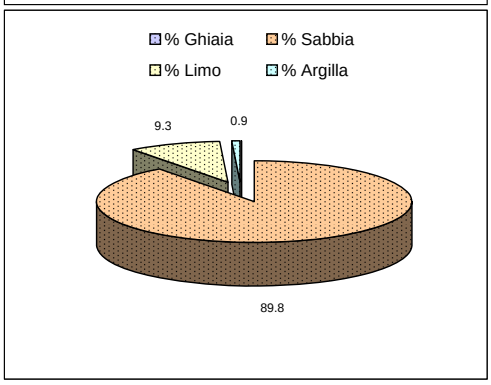
Frazione grossolana (> 63 µm) = 89.8	
% Ghiaia	% Sabbia
0.0	89.8

Frazione pelitica (< 63 µm) = 10.2	
% Limo	% Argilla
9.3	0.9

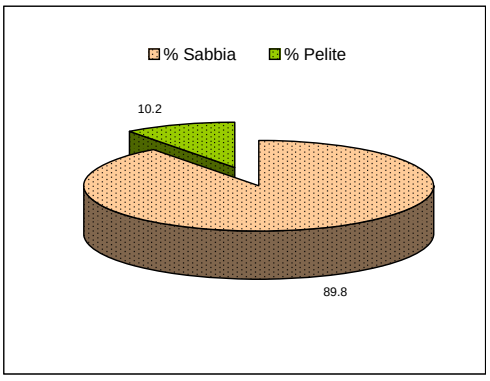
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.753
Deviazione Standard	0.905
Asimmetria (Skewness)	0.372
Appuntimento (Kurtosis)	1.545
Mediana (Φ)	2.618
Moda (Φ)	2.500

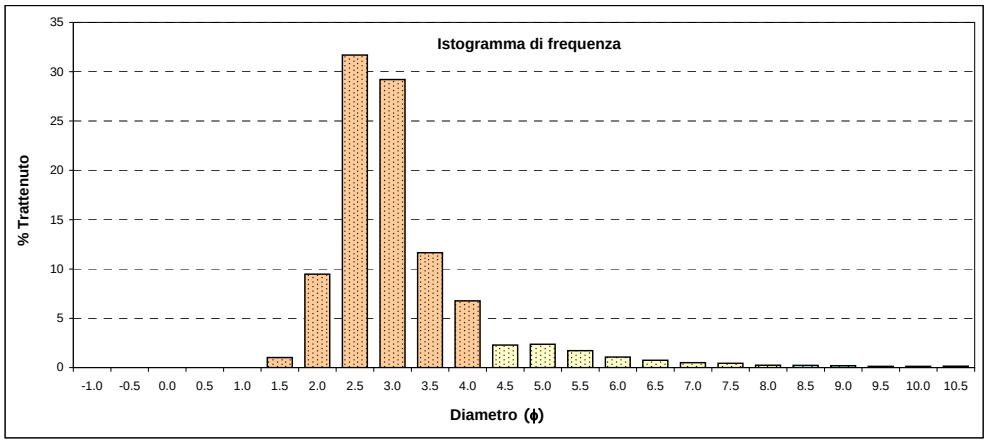
Percentili (Φ)	
5	1.689
16	2.075
25	2.208
50	2.618
75	3.139
84	3.566
95	5.200

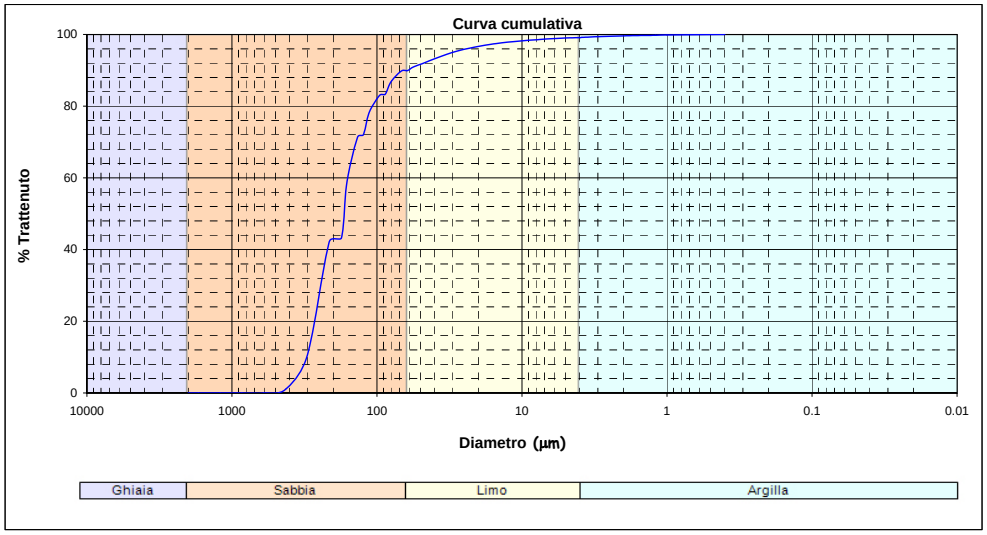
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.03%	1.03%
353.55	1.5		
353.55	1.5	9.47%	10.50%
250	2		
250	2	31.70%	42.19%
176.78	2.5		
176.78	2.5	1.00%	43.20%
175	2.515		
175	2.515	15.79%	58.99%
147	2.766		
147	2.766	12.41%	71.39%
125	3		
125	3	0.63%	72.02%
123	3.023		
123	3.023	6.29%	78.31%
103	3.279		
103	3.279	4.73%	83.04%
88.39	3.5		
88.39	3.5	0.32%	83.36%
87	3.523		
87	3.523	3.49%	86.85%
73	3.776		
73	3.776	2.96%	89.81%
62.5	4		
62.5	4	0.10%	89.91%
61	4.035		
61	4.035	1.04%	90.95%
51	4.293		
51	4.293	1.15%	92.09%
43	4.54		
43	4.54	1.22%	93.31%
36	4.796		
36	4.796	1.15%	94.46%
30	5.059		
30	5.059	0.97%	95.43%
25	5.322		
25	5.322	0.75%	96.18%
21	5.573		
21	5.573	0.54%	96.72%
18	5.796		
18	5.796	0.52%	97.25%
15	6.059		
15	6.059	0.42%	97.67%
12.5	6.322		
12.5	6.322	0.33%	98.00%
10.5	6.573		
10.5	6.573	0.25%	98.24%
9	6.796		
9	6.796	0.25%	98.49%
7.5	7.059		
7.5	7.059	0.26%	98.75%
6	7.381		
6	7.381	0.18%	98.93%
5	7.644		
5	7.644	0.13%	99.06%
4.3	7.861		
4.3	7.861	0.06%	99.12%
4	7.966		
4	7.966	0.06%	99.18%
3.7	8.078		
3.7	8.078	0.12%	99.30%
3.1	8.334		
3.1	8.334	0.11%	99.40%
2.6	8.587		
2.6	8.587	0.09%	99.49%
2.2	8.828		
2.2	8.828	0.10%	99.59%
1.8	9.118		
1.8	9.118	0.08%	99.67%
1.5	9.381		
1.5	9.381	0.06%	99.73%
1.3	9.587		
1.3	9.587	0.06%	99.79%
1.1	9.828		
1.1	9.828	0.06%	99.85%
0.9	10.118		
< 0,900	> 10,118	0.15%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 47
Livello (cm)	(150-175)
Peso totale (g)	61.2
Frazione > 63 µm (%)	93.5
Frazione < 63 µm (%)	6.5

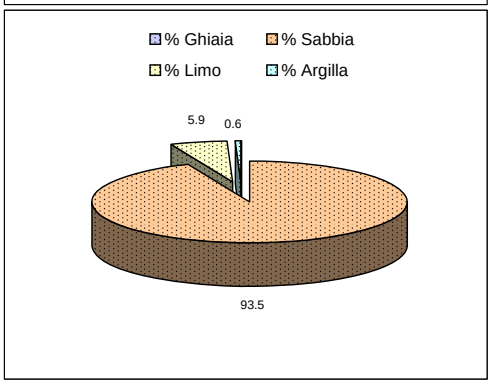
Frazione grossolana (> 63 µm) = 93.5	
% Ghiaia	% Sabbia
0.0	93.5

Frazione pelitica (< 63 µm) = 6.5	
% Limo	% Argilla
5.9	0.6

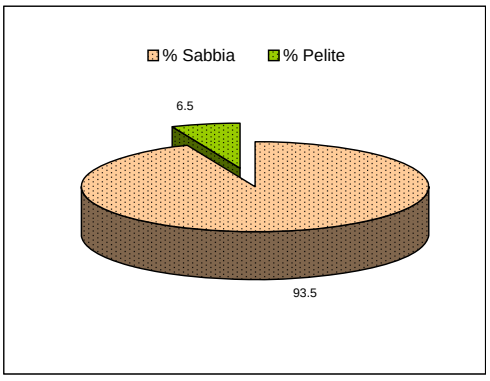
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.544
Deviazione Standard	0.816
Asimmetria (Skewness)	0.297
Appuntimento (Kurtosis)	1.414
Mediana (Φ)	2.454
Moda (Φ)	2.500

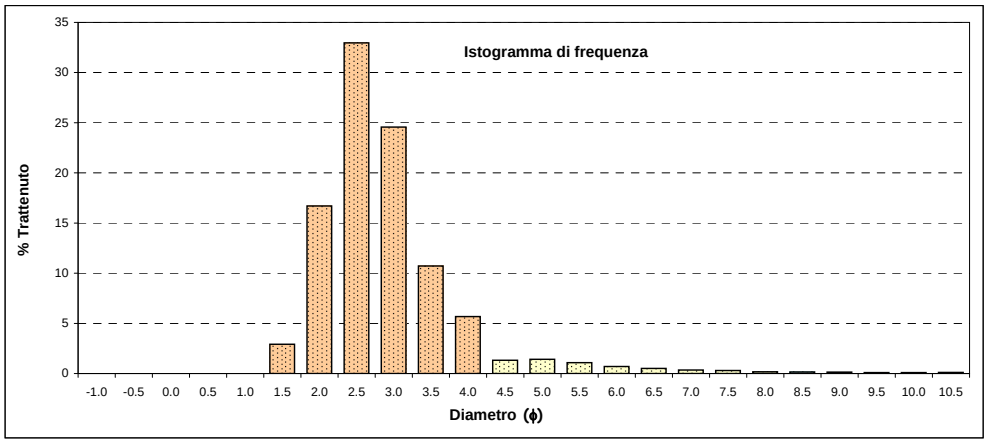
Percentili (Φ)	
5	1.553
16	1.876
25	2.071
50	2.454
75	2.949
84	3.302
95	4.584

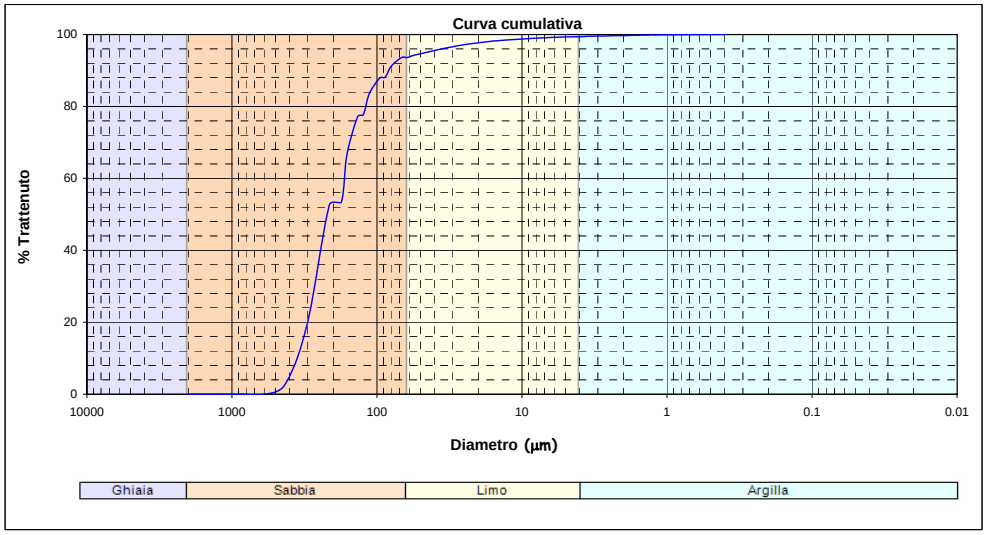
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	2.93%	2.93%
353.55	1.5		
353.55	1.5	16.70%	19.62%
250	2		
250	2	32.96%	52.58%
176.78	2.5		
176.78	2.5	0.84%	53.43%
175	2.515		
175	2.515	13.28%	66.71%
147	2.766		
147	2.766	10.43%	77.14%
125	3		
125	3	0.58%	77.72%
123	3.023		
123	3.023	5.81%	83.53%
103	3.279		
103	3.279	4.32%	87.86%
88.39	3.5		
88.39	3.5	0.28%	88.13%
87	3.523		
87	3.523	2.97%	91.11%
73	3.776		
73	3.776	2.43%	93.54%
62.5	4		
62.5	4	0.06%	93.59%
61	4.035		
61	4.035	0.60%	94.19%
51	4.293		
51	4.293	0.67%	94.86%
43	4.54		
43	4.54	0.73%	95.59%
36	4.796		
36	4.796	0.70%	96.28%
30	5.059		
30	5.059	0.60%	96.89%
25	5.322		
25	5.322	0.48%	97.37%
21	5.573		
21	5.573	0.36%	97.73%
18	5.796		
18	5.796	0.35%	98.08%
15	6.059		
15	6.059	0.29%	98.36%
12.5	6.322		
12.5	6.322	0.23%	98.59%
10.5	6.573		
10.5	6.573	0.17%	98.76%
9	6.796		
9	6.796	0.17%	98.93%
7.5	7.059		
7.5	7.059	0.18%	99.11%
6	7.381		
6	7.381	0.12%	99.24%
5	7.644		
5	7.644	0.09%	99.33%
4.3	7.861		
4.3	7.861	0.04%	99.37%
4	7.966		
4	7.966	0.04%	99.41%
3.7	8.078		
3.7	8.078	0.08%	99.49%
3.1	8.334		
3.1	8.334	0.08%	99.57%
2.6	8.587		
2.6	8.587	0.07%	99.63%
2.2	8.828		
2.2	8.828	0.07%	99.71%
1.8	9.118		
1.8	9.118	0.06%	99.76%
1.5	9.381		
1.5	9.381	0.04%	99.80%
1.3	9.587		
1.3	9.587	0.04%	99.85%
1.1	9.828		
1.1	9.828	0.05%	99.89%
0.9	10.118		
< 0,900	> 10,118	0.11%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 47
Livello (cm)	(175-200)
Peso totale (g)	60.6
Frazione > 63 μm (%)	88.0
Frazione < 63 μm (%)	12.0

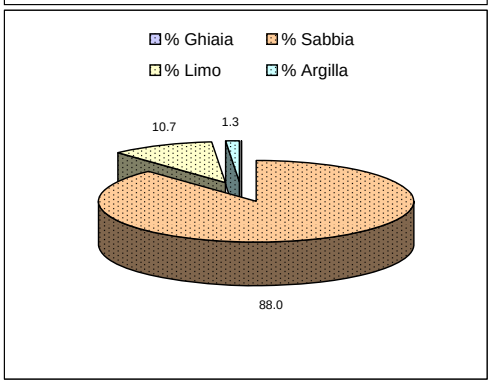
Frazione grossolana (> 63 μm) = 88.0	
% Ghiaia	% Sabbia
0.0	88.0

Frazione pelitica (< 63 μm) = 12.0	
% Limo	% Argilla
10.7	1.3

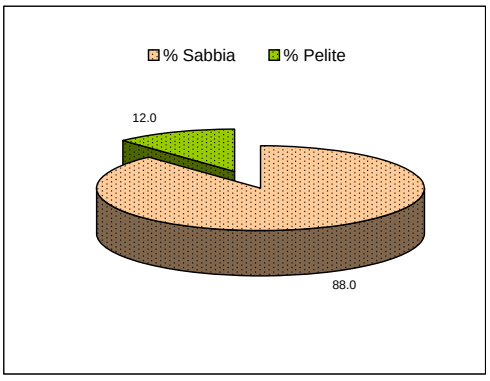
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.374
Deviazione Standard	1.089
Asimmetria (Skewness)	0.489
Appuntimento (Kurtosis)	2.078
Mediana (Φ)	2.173
Moda (Φ)	2.500

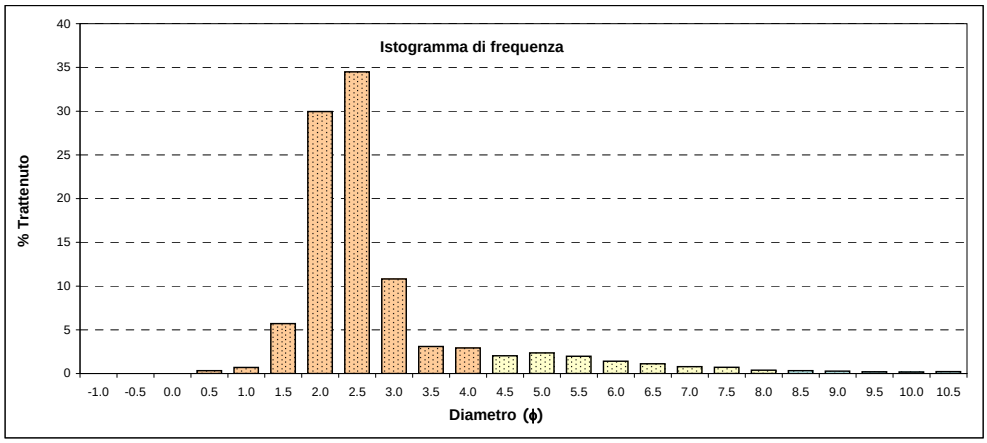
Percentili (Φ)	
5	1.329
16	1.637
25	1.784
50	2.173
75	2.657
84	3.311
95	5.758

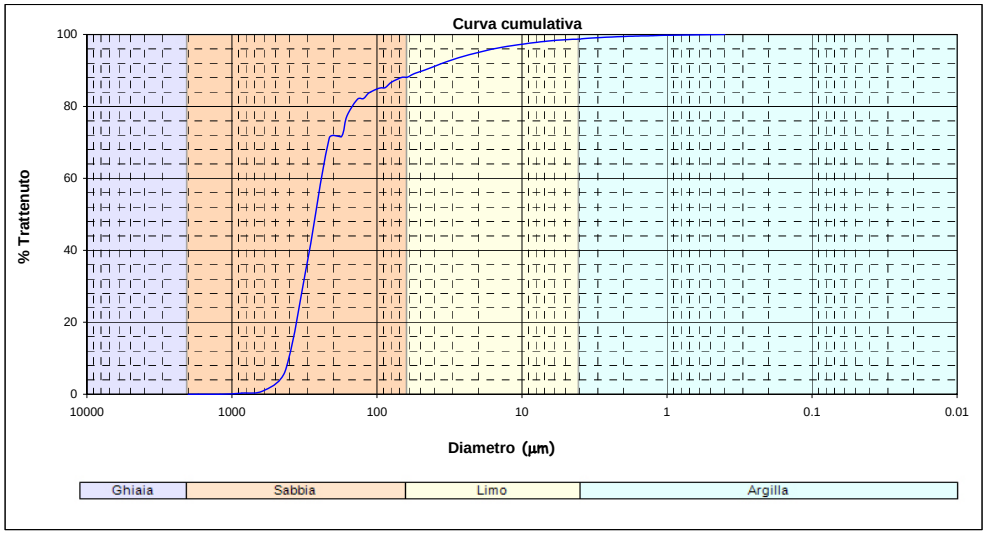
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.33%	0.33%
707.11	0.5		
707.11	0.5	0.69%	1.02%
500	1		
500	1	5.71%	6.73%
353.55	1.5		
353.55	1.5	29.96%	36.69%
250	2		
250	2	34.50%	71.19%
176.78	2.5		
176.78	2.5	0.37%	71.56%
175	2.515		
175	2.515	5.85%	77.41%
147	2.766		
147	2.766	4.60%	82.01%
125	3		
125	3	0.16%	82.17%
123	3.023		
123	3.023	1.63%	83.80%
103	3.279		
103	3.279	1.30%	85.10%
88.39	3.5		
88.39	3.5	0.12%	85.22%
87	3.523		
87	3.523	1.44%	86.66%
73	3.776		
73	3.776	1.37%	88.03%
62.5	4		
62.5	4	0.08%	88.11%
61	4.035		
61	4.035	0.91%	89.02%
51	4.293		
51	4.293	1.05%	90.07%
43	4.54		
43	4.54	1.18%	91.25%
36	4.796		
36	4.796	1.18%	92.44%
30	5.059		
30	5.059	1.08%	93.51%
25	5.322		
25	5.322	0.90%	94.42%
21	5.573		
21	5.573	0.70%	95.11%
18	5.796		
18	5.796	0.72%	95.83%
15	6.059		
15	6.059	0.61%	96.44%
12.5	6.322		
12.5	6.322	0.50%	96.94%
10.5	6.573		
10.5	6.573	0.38%	97.32%
9	6.796		
9	6.796	0.40%	97.72%
7.5	7.059		
7.5	7.059	0.42%	98.14%
6	7.381		
6	7.381	0.29%	98.43%
5	7.644		
5	7.644	0.21%	98.63%
4.3	7.861		
4.3	7.861	0.09%	98.72%
4	7.966		
4	7.966	0.09%	98.81%
3.7	8.078		
3.7	8.078	0.18%	98.99%
3.1	8.334		
3.1	8.334	0.16%	99.15%
2.6	8.587		
2.6	8.587	0.13%	99.28%
2.2	8.828		
2.2	8.828	0.14%	99.42%
1.8	9.118		
1.8	9.118	0.11%	99.53%
1.5	9.381		
1.5	9.381	0.08%	99.61%
1.3	9.587		
1.3	9.587	0.08%	99.70%
1.1	9.828		
1.1	9.828	0.09%	99.79%
0.9	10.118		
< 0,900	> 10,118	0.21%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 48
Livello (cm)	(0-25)
Peso totale (g)	12.2
Frazione > 63 μm (%)	2.3
Frazione < 63 μm (%)	97.7

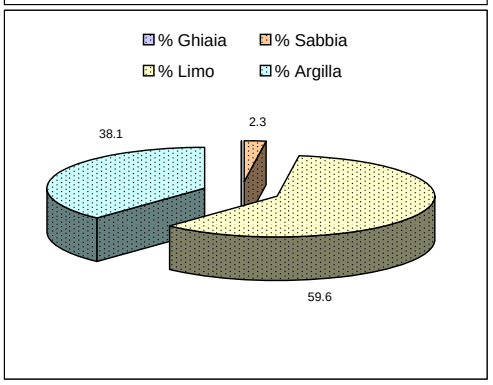
Frazione grossolana (> 63 μm) = 2.3	
% Ghiaia	% Sabbia
0.0	2.3

Frazione pelitica (< 63 μm) = 97.7	
% Limo	% Argilla
59.6	38.1

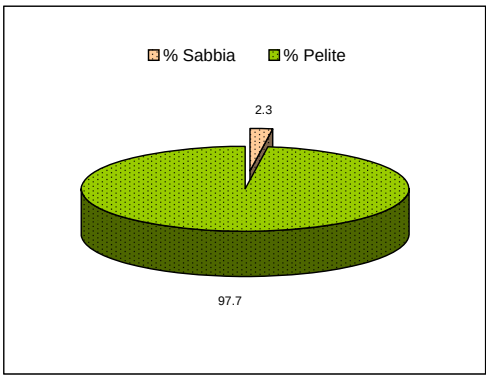
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.419
Deviazione Standard	1.708
Asimmetria (Skewness)	-0.022
Appuntimento (Kurtosis)	0.966
Mediana (Φ)	7.438
Moda (Φ)	7.500

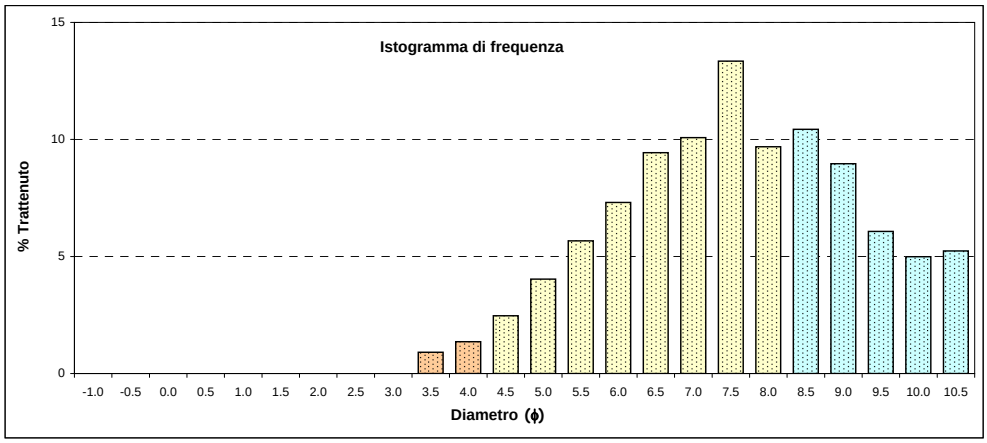
Percentili (Φ)	
5	4.574
16	5.682
25	6.236
50	7.438
75	8.601
84	9.138
95	10.147

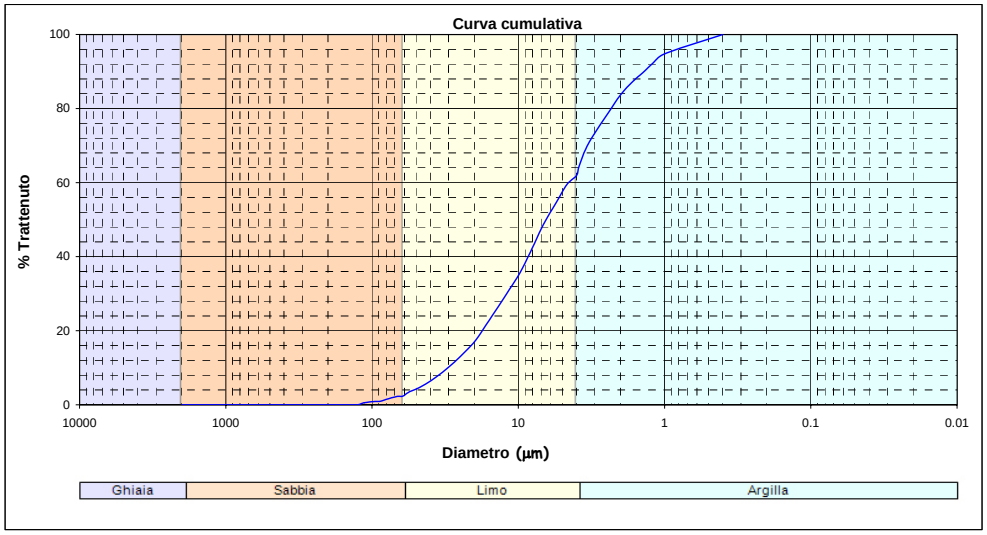
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.05%	0.05%
123	3.023		
123	3.023	0.49%	0.54%
103	3.279		
103	3.279	0.36%	0.91%
88.39	3.5		
88.39	3.5	0.03%	0.93%
87	3.523		
87	3.523	0.54%	1.48%
73	3.776		
73	3.776	0.79%	2.27%
62.5	4		
62.5	4	0.08%	2.35%
61	4.035		
61	4.035	1.04%	3.39%
51	4.293		
51	4.293	1.35%	4.74%
43	4.54		
43	4.54	1.80%	6.53%
36	4.796		
36	4.796	2.24%	8.77%
30	5.059		
30	5.059	2.66%	11.44%
25	5.322		
25	5.322	3.00%	14.44%
21	5.573		
21	5.573	3.08%	17.52%
18	5.796		
18	5.796	4.23%	21.75%
15	6.059		
15	6.059	4.69%	26.44%
12.5	6.322		
12.5	6.322	4.75%	31.19%
10.5	6.573		
10.5	6.573	4.42%	35.61%
9	6.796		
9	6.796	5.66%	41.27%
7.5	7.059		
7.5	7.059	7.34%	48.61%
6	7.381		
6	7.381	6.01%	54.61%
5	7.644		
5	7.644	4.90%	59.52%
4.3	7.861		
4.3	7.861	2.39%	61.91%
4	7.966		
4	7.966	2.39%	64.30%
3.7	8.078		
3.7	8.078	5.42%	69.72%
3.1	8.334		
3.1	8.334	5.02%	74.74%
2.6	8.587		
2.6	8.587	4.34%	79.08%
2.2	8.828		
2.2	8.828	4.62%	83.70%
1.8	9.118		
1.8	9.118	3.61%	87.31%
1.5	9.381		
1.5	9.381	2.46%	89.77%
1.3	9.587		
1.3	9.587	2.49%	92.26%
1.1	9.828		
1.1	9.828	2.50%	94.76%
0.9	10.118		
< 0,900	> 10,118	5.24%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 48**
Livello (cm)	**(25-50)**
Peso totale (g)	12.2
Frazione > 63 μm (%)	0.9
Frazione < 63 μm (%)	99.1

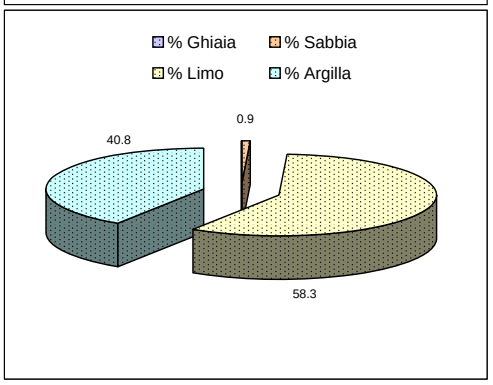
Frazione grossolana (> 63 μm) = 0.9	
% Ghiaia	**% Sabbia**
0.0	**0.9**

Frazione pelitica (< 63 μm) = 99.1	
% Limo	**% Argilla**
58.3	**40.8**

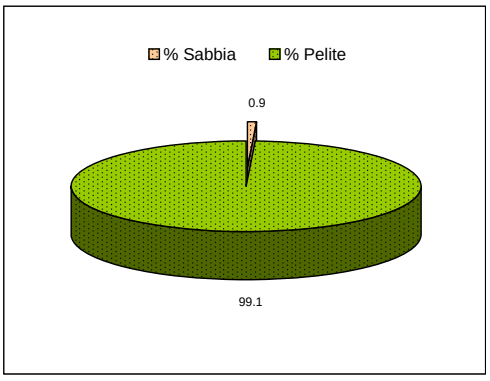
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.549
Deviazione Standard	1.669
Asimmetria (Skewness)	-0.017
Appuntimento (Kurtosis)	0.950
Mediana (Φ)	7.564
Moda (Φ)	7.500

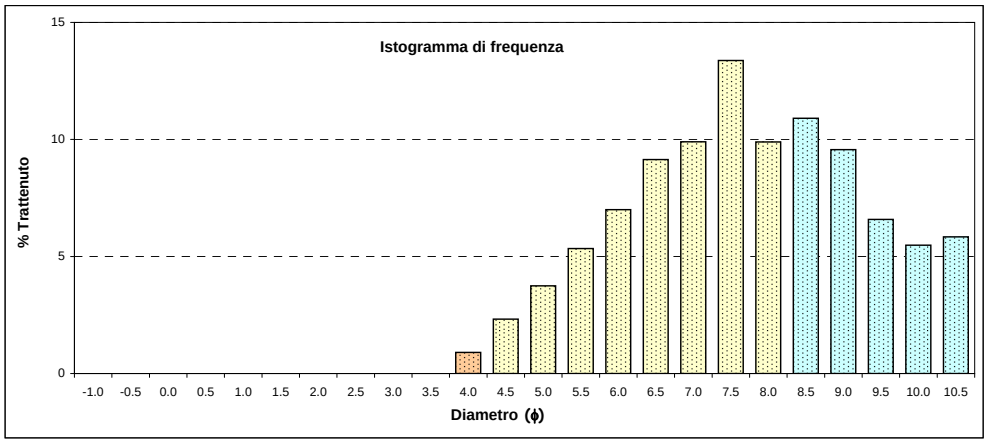
Percentili (Φ)	
5	4.809
16	5.841
25	6.381
50	7.564
75	8.712
84	9.241
95	10.213

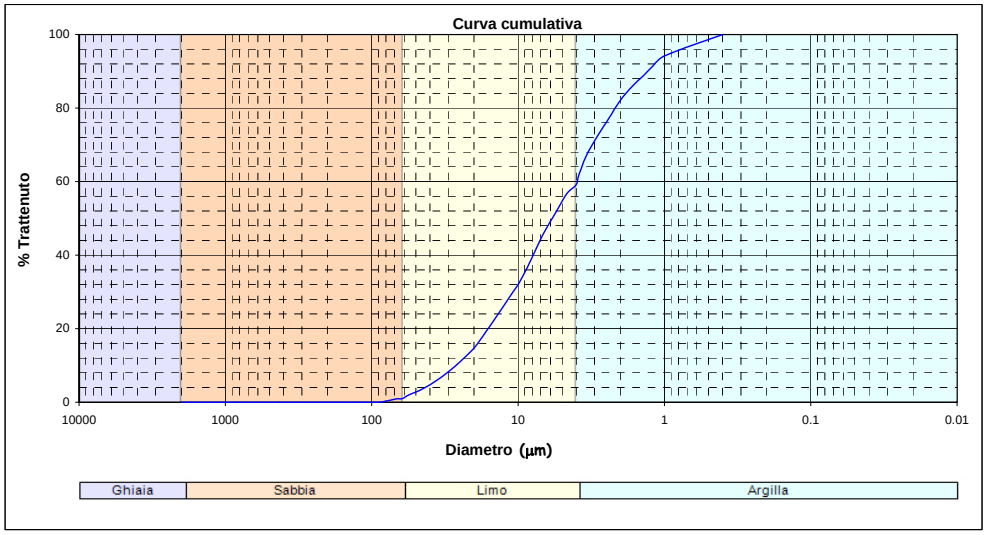
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.31%	0.31%
73	3.776		
73	3.776	0.59%	0.90%
62.5	4		
62.5	4	0.08%	0.99%
61	4.035		
61	4.035	0.99%	1.98%
51	4.293		
51	4.293	1.25%	3.22%
43	4.54		
43	4.54	1.66%	4.89%
36	4.796		
36	4.796	2.09%	6.97%
30	5.059		
30	5.059	2.50%	9.47%
25	5.322		
25	5.322	2.84%	12.31%
21	5.573		
21	5.573	2.93%	15.25%
18	5.796		
18	5.796	4.06%	19.31%
15	6.059		
15	6.059	4.53%	23.84%
12.5	6.322		
12.5	6.322	4.61%	28.45%
10.5	6.573		
10.5	6.573	4.32%	32.77%
9	6.796		
9	6.796	5.58%	38.35%
7.5	7.059		
7.5	7.059	7.32%	45.67%
6	7.381		
6	7.381	6.05%	51.72%
5	7.644		
5	7.644	4.98%	56.70%
4.3	7.861		
4.3	7.861	2.46%	59.16%
4	7.966		
4	7.966	2.46%	61.62%
3.7	8.078		
3.7	8.078	5.63%	67.25%
3.1	8.334		
3.1	8.334	5.27%	72.52%
2.6	8.587		
2.6	8.587	4.61%	77.13%
2.2	8.828		
2.2	8.828	4.95%	82.09%
1.8	9.118		
1.8	9.118	3.90%	85.99%
1.5	9.381		
1.5	9.381	2.68%	88.67%
1.3	9.587		
1.3	9.587	2.73%	91.40%
1.1	9.828		
1.1	9.828	2.76%	94.16%
0.9	10.118		
< 0,900	> 10,118	5.84%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 48**
Livello (cm)	**(50-75)**
Peso totale (g)	19.4
Frazione > 63 μm (%)	2.8
Frazione < 63 μm (%)	97.2

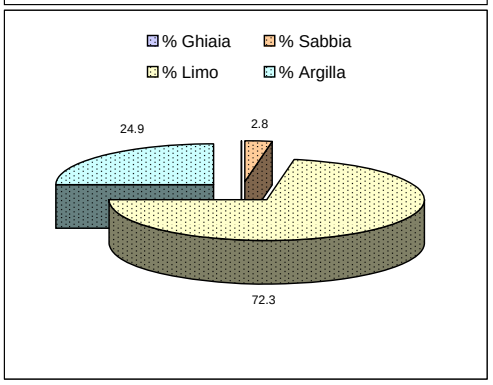
Frazione grossolana (> 63 μm) = 2.8	
% Ghiaia	**% Sabbia**
0.0	**2.8**

Frazione pelitica (< 63 μm) = 97.2	
% Limo	**% Argilla**
72.3	**24.9**

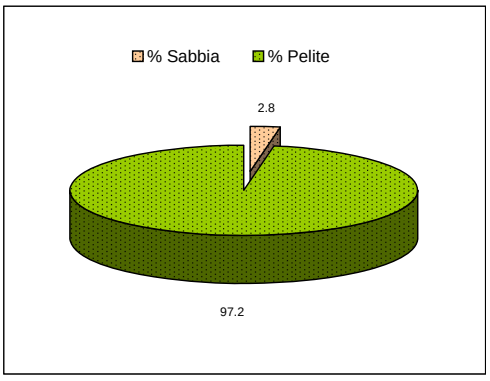
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.717
Deviazione Standard	1.743
Asimmetria (Skewness)	0.108
Appuntimento (Kurtosis)	0.893
Mediana (Φ)	6.619
Moda (Φ)	7.500

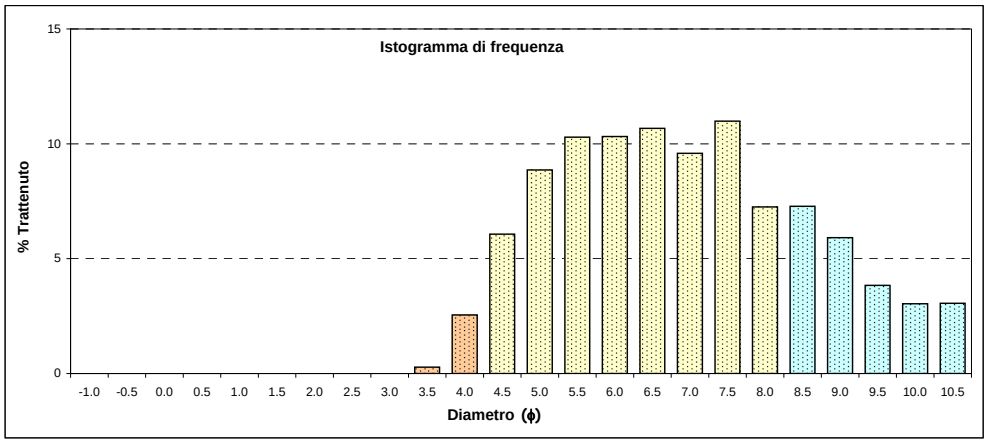
Percentili (Φ)	
5	4.224
16	4.956
25	5.419
50	6.619
75	7.959
84	8.576
95	9.756

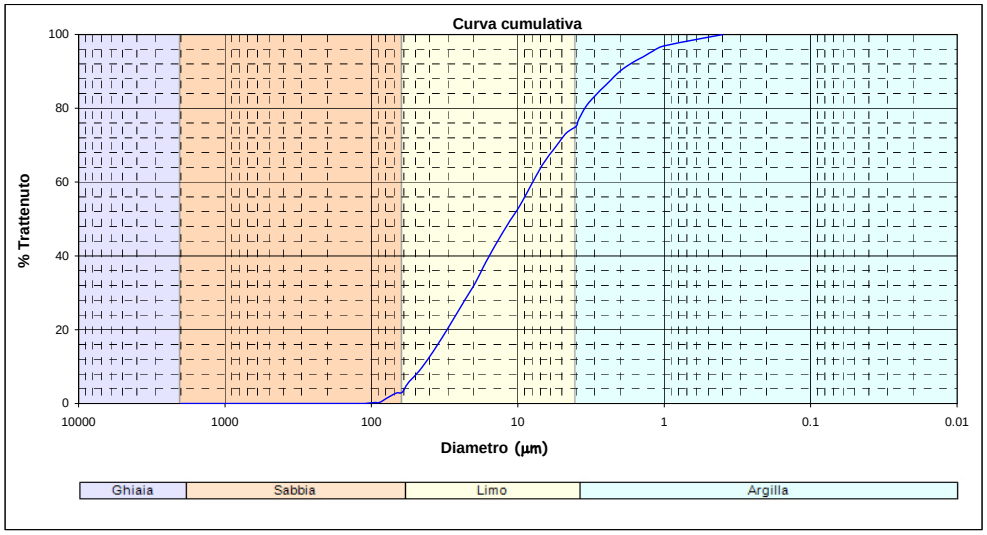
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.28%	0.28%
88.39	3.5		
88.39	3.5	0.03%	0.30%
87	3.523		
87	3.523	0.97%	1.28%
73	3.776		
73	3.776	1.55%	2.83%
62.5	4		
62.5	4	0.22%	3.05%
61	4.035		
61	4.035	2.60%	5.65%
51	4.293		
51	4.293	3.25%	8.90%
43	4.54		
43	4.54	4.10%	13.00%
36	4.796		
36	4.796	4.76%	17.76%
30	5.059		
30	5.059	5.14%	22.90%
25	5.322		
25	5.322	5.15%	28.05%
21	5.573		
21	5.573	4.68%	32.73%
18	5.796		
18	5.796	5.64%	38.37%
15	6.059		
15	6.059	5.55%	43.92%
12.5	6.322		
12.5	6.322	5.12%	49.04%
10.5	6.573		
10.5	6.573	4.40%	53.44%
9	6.796		
9	6.796	5.18%	58.62%
7.5	7.059		
7.5	7.059	6.20%	64.83%
6	7.381		
6	7.381	4.78%	69.61%
5	7.644		
5	7.644	3.74%	73.35%
4.3	7.861		
4.3	7.861	1.76%	75.10%
4	7.966		
4	7.966	1.76%	76.86%
3.7	8.078		
3.7	8.078	3.84%	80.70%
3.1	8.334		
3.1	8.334	3.44%	84.15%
2.6	8.587		
2.6	8.587	2.90%	87.05%
2.2	8.828		
2.2	8.828	3.01%	90.06%
1.8	9.118		
1.8	9.118	2.30%	92.36%
1.5	9.381		
1.5	9.381	1.54%	93.90%
1.3	9.587		
1.3	9.587	1.53%	95.43%
1.1	9.828		
1.1	9.828	1.51%	96.94%
0.9	10.118		
< 0,900	> 10,118	3.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 48
Livello (cm)	(75-100)
Peso totale (g)	57.6
Frazione > 63 μm (%)	5.1
Frazione < 63 μm (%)	94.9

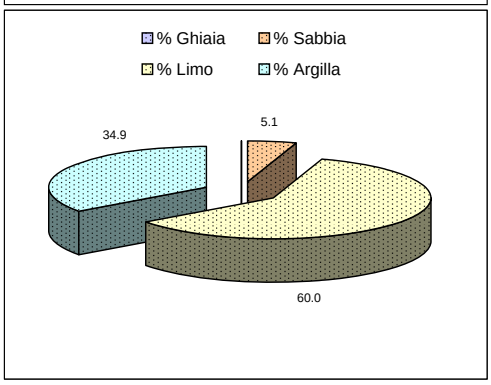
Frazione grossolana (> 63 μm) = 5.1	
% Ghiaia	% Sabbia
0.0	5.1

Frazione pelitica (< 63 μm) = 94.9	
% Limo	% Argilla
60.0	34.9

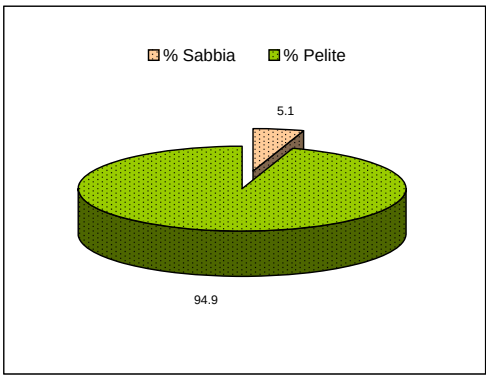
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.277
Deviazione Standard	1.836
Asimmetria (Skewness)	-0.014
Appuntimento (Kurtosis)	1.031
Mediana (Φ)	7.244
Moda (Φ)	7.500

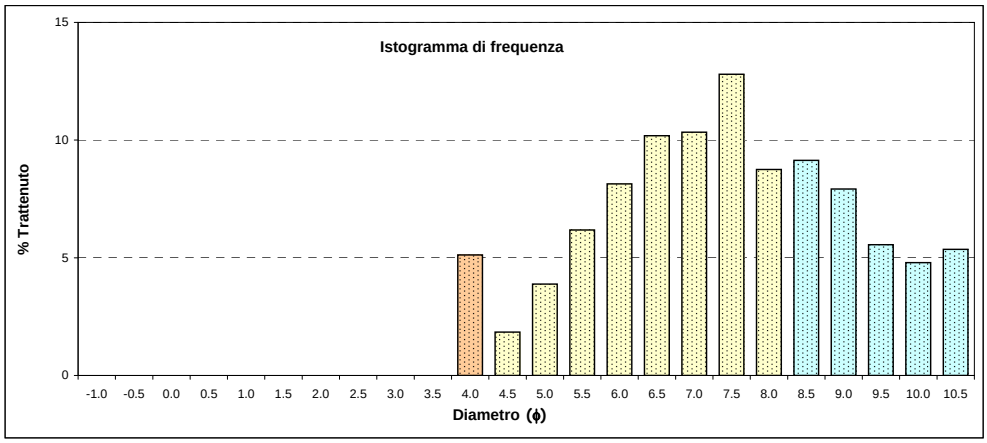
Percentili (Φ)	
5	3.987
16	5.491
25	6.049
50	7.244
75	8.503
84	9.095
95	10.161

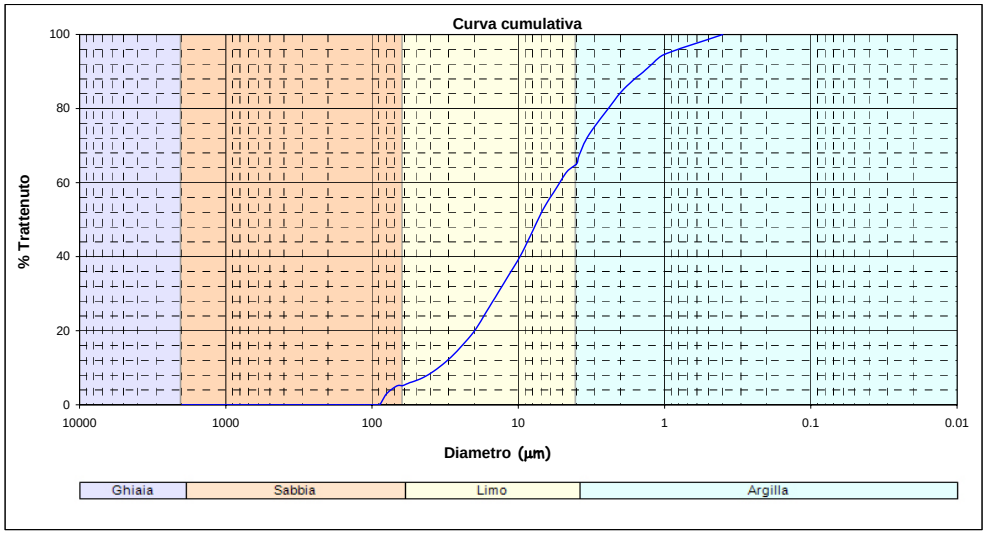
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.25%	0.25%
87	3.523		
87	3.523	2.64%	2.89%
73	3.776		
73	3.776	2.23%	5.12%
62.5	4		
62.5	4	0.05%	5.17%
61	4.035		
61	4.035	0.71%	5.87%
51	4.293		
51	4.293	1.08%	6.96%
43	4.54		
43	4.54	1.64%	8.60%
36	4.796		
36	4.796	2.25%	10.84%
30	5.059		
30	5.059	2.85%	13.69%
25	5.322		
25	5.322	3.33%	17.02%
21	5.573		
21	5.573	3.44%	20.47%
18	5.796		
18	5.796	4.70%	25.16%
15	6.059		
15	6.059	5.11%	30.28%
12.5	6.322		
12.5	6.322	5.07%	35.35%
10.5	6.573		
10.5	6.573	4.62%	39.97%
9	6.796		
9	6.796	5.72%	45.69%
7.5	7.059		
7.5	7.059	7.15%	52.84%
6	7.381		
6	7.381	5.65%	58.49%
5	7.644		
5	7.644	4.48%	62.97%
4.3	7.861		
4.3	7.861	2.14%	65.10%
4	7.966		
4	7.966	2.14%	67.24%
3.7	8.078		
3.7	8.078	4.76%	72.00%
3.1	8.334		
3.1	8.334	4.38%	76.38%
2.6	8.587		
2.6	8.587	3.81%	80.19%
2.2	8.828		
2.2	8.828	4.11%	84.30%
1.8	9.118		
1.8	9.118	3.27%	87.57%
1.5	9.381		
1.5	9.381	2.28%	89.85%
1.3	9.587		
1.3	9.587	2.36%	92.21%
1.1	9.828		
1.1	9.828	2.43%	94.64%
0.9	10.118		
< 0,900	> 10,118	5.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 49
Livello (cm)	(0-25)
Peso totale (g)	25.9
Frazione > 63 μm (%)	0.7
Frazione < 63 μm (%)	99.3

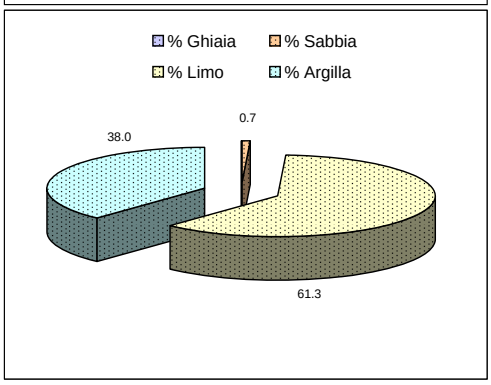
Frazione grossolana (> 63 μm) = 0.7	
% Ghiaia	% Sabbia
0.0	0.7

Frazione pelitica (< 63 μm) = 99.3	
% Limo	% Argilla
61.3	38.0

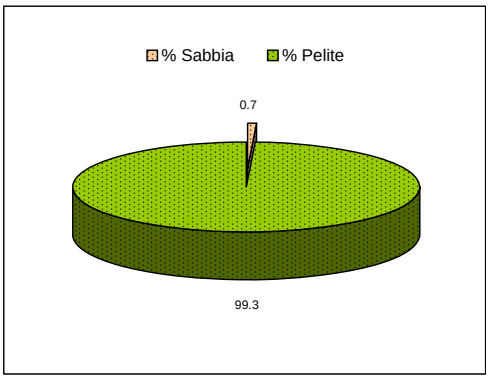
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.467
Deviazione Standard	1.618
Asimmetria (Skewness)	0.011
Appuntimento (Kurtosis)	0.967
Mediana (Φ)	7.456
Moda (Φ)	7.500

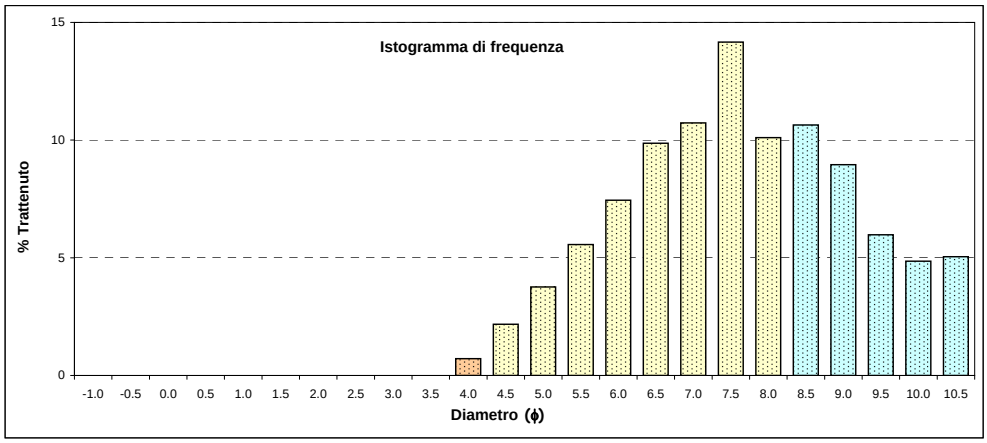
Percentili (Φ)	
5	4.849
16	5.834
25	6.344
50	7.456
75	8.578
84	9.110
95	10.123

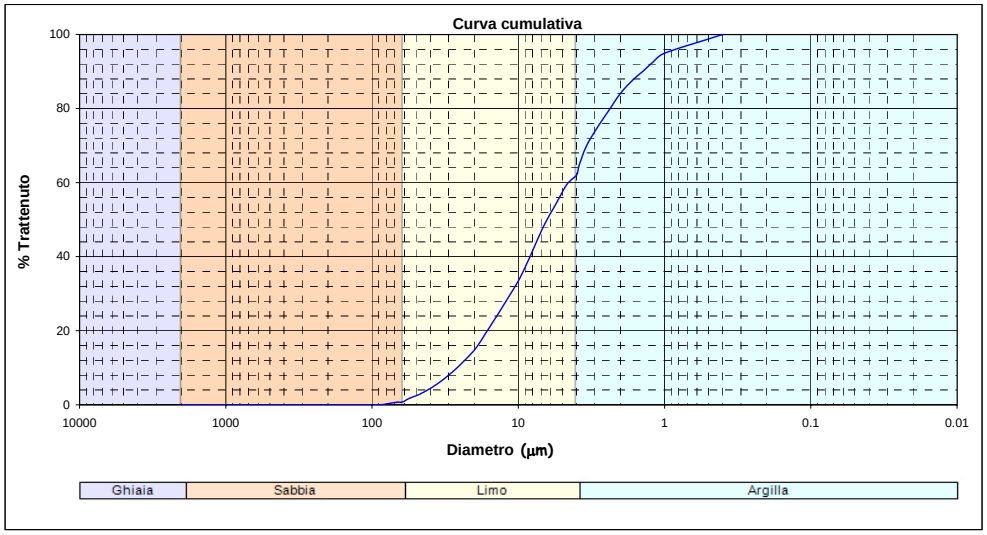
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.00%	0.00%
87	3.523		
87	3.523	0.22%	0.22%
73	3.776		
73	3.776	0.49%	0.71%
62.5	4		
62.5	4	0.07%	0.78%
61	4.035		
61	4.035	0.90%	1.68%
51	4.293		
51	4.293	1.20%	2.89%
43	4.54		
43	4.54	1.65%	4.54%
36	4.796		
36	4.796	2.11%	6.65%
30	5.059		
30	5.059	2.58%	9.23%
25	5.322		
25	5.322	2.98%	12.21%
21	5.573		
21	5.573	3.11%	15.32%
18	5.796		
18	5.796	4.34%	19.66%
15	6.059		
15	6.059	4.87%	24.53%
12.5	6.322		
12.5	6.322	5.00%	29.53%
10.5	6.573		
10.5	6.573	4.70%	34.22%
9	6.796		
9	6.796	6.03%	40.26%
7.5	7.059		
7.5	7.059	7.81%	48.07%
6	7.381		
6	7.381	6.35%	54.42%
5	7.644		
5	7.644	5.14%	59.56%
4.3	7.861		
4.3	7.861	2.48%	62.04%
4	7.966		
4	7.966	2.48%	64.53%
3.7	8.078		
3.7	8.078	5.56%	70.08%
3.1	8.334		
3.1	8.334	5.08%	75.17%
2.6	8.587		
2.6	8.587	4.36%	79.52%
2.2	8.828		
2.2	8.828	4.59%	84.12%
1.8	9.118		
1.8	9.118	3.56%	87.68%
1.5	9.381		
1.5	9.381	2.42%	90.10%
1.3	9.587		
1.3	9.587	2.43%	92.53%
1.1	9.828		
1.1	9.828	2.43%	94.96%
0.9	10.118		
< 0,900	> 10,118	5.04%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 49
Livello (cm)	(25-50)
Peso totale (g)	53.7
Frazione > 63 µm (%)	11.1
Frazione < 63 µm (%)	88.9

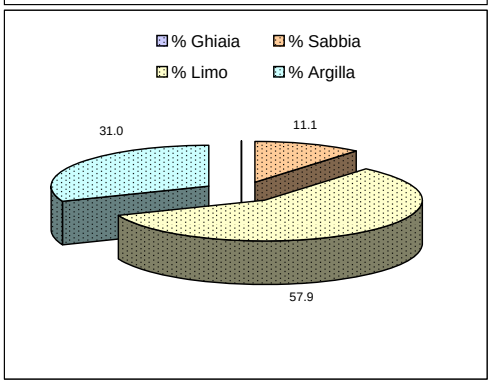
Frazione grossolana (> 63 µm) = 11.1	
% Ghiaia	% Sabbia
0.0	11.1

Frazione pelitica (< 63 µm) = 88.9	
% Limo	% Argilla
57.9	31.0

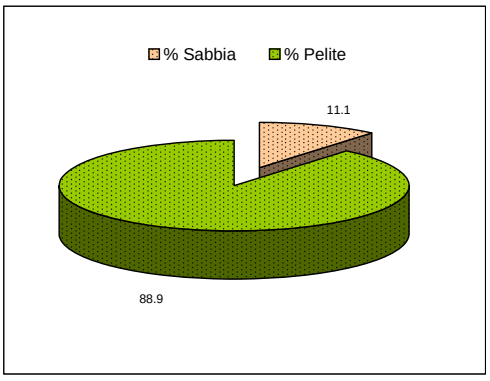
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.919
Deviazione Standard	2.096
Asimmetria (Skewness)	-0.149
Appuntimento (Kurtosis)	1.126
Mediana (Φ)	7.060
Moda (Φ)	7.500

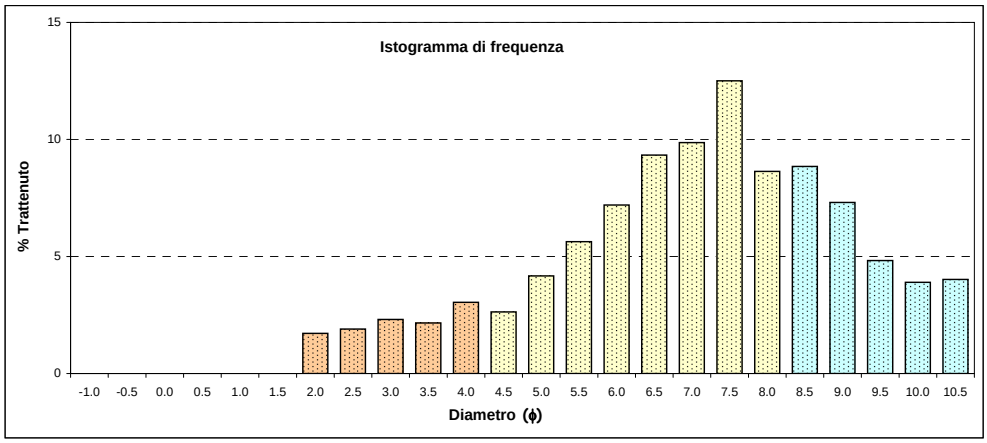
Percentili (Φ)	
5	2.778
16	4.834
25	5.674
50	7.060
75	8.289
84	8.862
95	9.965

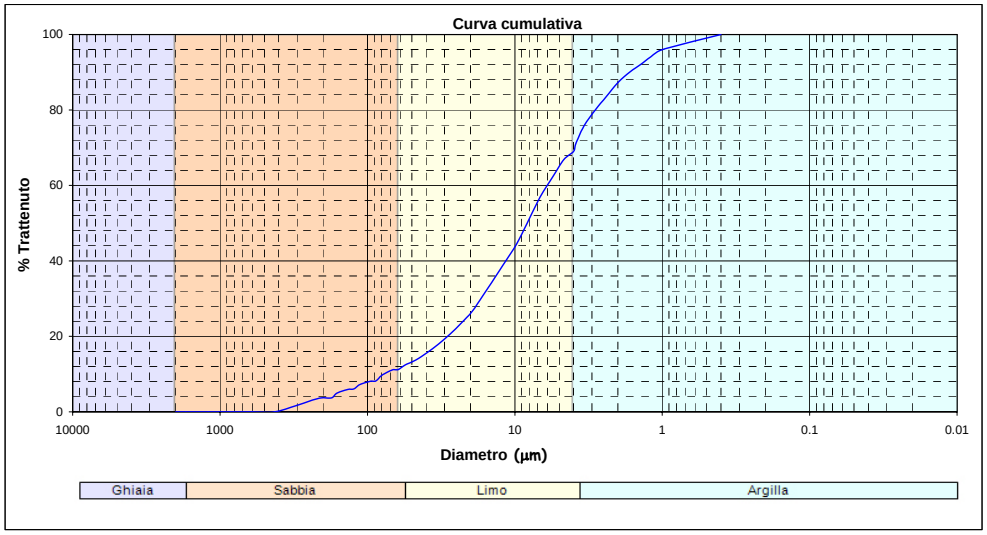
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.72%	1.72%
250	2		
250	2	1.90%	3.62%
176.78	2.5		
176.78	2.5	0.08%	3.70%
175	2.515		
175	2.515	1.25%	4.95%
147	2.766		
147	2.766	0.98%	5.93%
125	3		
125	3	0.12%	6.05%
123	3.023		
123	3.023	1.18%	7.23%
103	3.279		
103	3.279	0.86%	8.09%
88.39	3.5		
88.39	3.5	0.12%	8.21%
87	3.523		
87	3.523	1.44%	9.65%
73	3.776		
73	3.776	1.48%	11.13%
62.5	4		
62.5	4	0.09%	11.22%
61	4.035		
61	4.035	1.11%	12.32%
51	4.293		
51	4.293	1.44%	13.76%
43	4.54		
43	4.54	1.88%	15.64%
36	4.796		
36	4.796	2.29%	17.93%
30	5.059		
30	5.059	2.67%	20.60%
25	5.322		
25	5.322	2.97%	23.57%
21	5.573		
21	5.573	3.03%	26.60%
18	5.796		
18	5.796	4.17%	30.77%
15	6.059		
15	6.059	4.63%	35.39%
12.5	6.322		
12.5	6.322	4.70%	40.10%
10.5	6.573		
10.5	6.573	4.37%	44.46%
9	6.796		
9	6.796	5.50%	49.96%
7.5	7.059		
7.5	7.059	6.96%	56.92%
6	7.381		
6	7.381	5.55%	62.47%
5	7.644		
5	7.644	4.42%	66.89%
4.3	7.861		
4.3	7.861	2.11%	68.99%
4	7.966		
4	7.966	2.11%	71.10%
3.7	8.078		
3.7	8.078	4.65%	75.75%
3.1	8.334		
3.1	8.334	4.20%	79.95%
2.6	8.587		
2.6	8.587	3.57%	83.52%
2.2	8.828		
2.2	8.828	3.74%	87.26%
1.8	9.118		
1.8	9.118	2.88%	90.14%
1.5	9.381		
1.5	9.381	1.95%	92.08%
1.3	9.587		
1.3	9.587	1.95%	94.04%
1.1	9.828		
1.1	9.828	1.94%	95.98%
0.9	10.118		
< 0,900	> 10,118	4.02%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 49**
Livello (cm)	**(50-75)**
Peso totale (g)	39.5
Frazione > 63 μm (%)	1.9
Frazione < 63 μm (%)	98.1

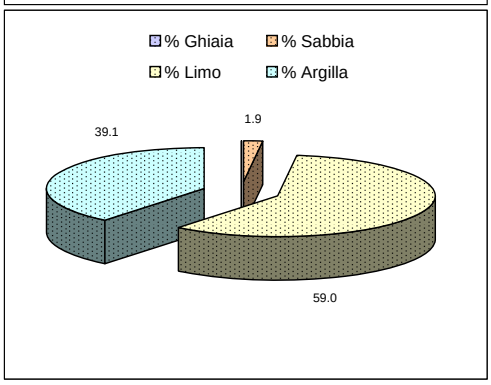
Frazione grossolana (> 63 μm) =	**1.9**
% Ghiaia	**% Sabbia**
0.0	**1.9**

Frazione pelitica (< 63 μm) =	**98.1**
% Limo	**% Argilla**
59.0	**39.1**

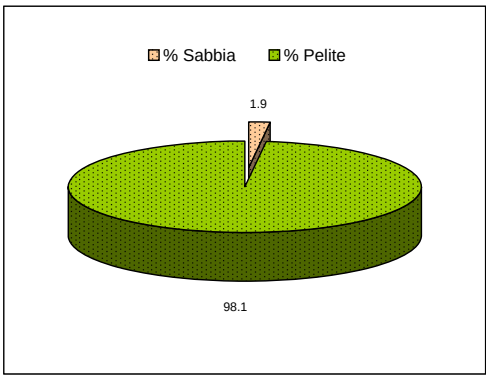
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.508
Deviazione Standard	1.689
Asimmetria (Skewness)	0.031
Appuntimento (Kurtosis)	0.930
Mediana (Φ)	7.464
Moda (Φ)	7.500

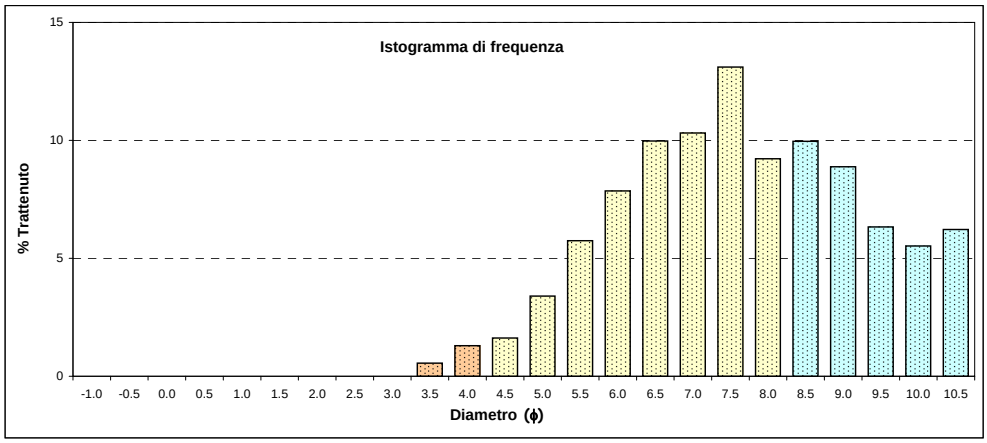
Percentili (Φ)	
5	4.810
16	5.800
25	6.295
50	7.464
75	8.693
84	9.259
95	10.250

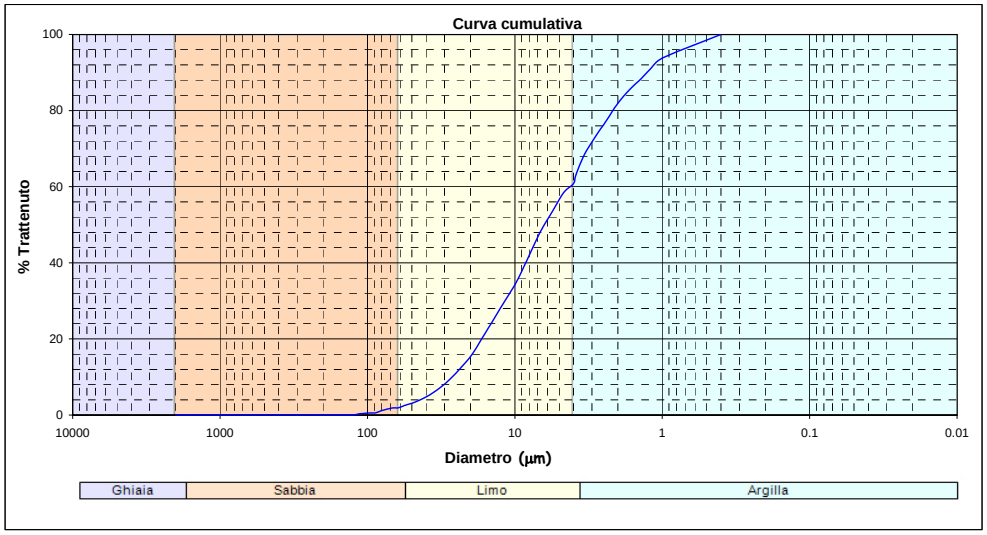
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.03%	0.03%
123	3.023		
123	3.023	0.30%	0.33%
103	3.279		
103	3.279	0.22%	0.56%
88.39	3.5		
88.39	3.5	0.04%	0.60%
87	3.523		
87	3.523	0.58%	1.18%
73	3.776		
73	3.776	0.67%	1.85%
62.5	4		
62.5	4	0.05%	1.90%
61	4.035		
61	4.035	0.64%	2.54%
51	4.293		
51	4.293	0.93%	3.47%
43	4.54		
43	4.54	1.41%	4.88%
36	4.796		
36	4.796	1.99%	6.87%
30	5.059		
30	5.059	2.61%	9.48%
25	5.322		
25	5.322	3.14%	12.62%
21	5.573		
21	5.573	3.30%	15.92%
18	5.796		
18	5.796	4.56%	20.47%
15	6.059		
15	6.059	4.99%	25.46%
12.5	6.322		
12.5	6.322	4.98%	30.45%
10.5	6.573		
10.5	6.573	4.57%	35.02%
9	6.796		
9	6.796	5.74%	40.76%
7.5	7.059		
7.5	7.059	7.28%	48.04%
6	7.381		
6	7.381	5.83%	53.87%
5	7.644		
5	7.644	4.68%	58.55%
4.3	7.861		
4.3	7.861	2.27%	60.82%
4	7.966		
4	7.966	2.27%	63.09%
3.7	8.078		
3.7	8.078	5.14%	68.23%
3.1	8.334		
3.1	8.334	4.81%	73.04%
2.6	8.587		
2.6	8.587	4.25%	77.29%
2.2	8.828		
2.2	8.828	4.63%	81.92%
1.8	9.118		
1.8	9.118	3.72%	85.65%
1.5	9.381		
1.5	9.381	2.61%	88.25%
1.3	9.587		
1.3	9.587	2.71%	90.97%
1.1	9.828		
1.1	9.828	2.81%	93.78%
0.9	10.118		
< 0,900	> 10,118	6.22%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 49**
Livello (cm)	**(75-100)**
Peso totale (g)	84.0
Frazione > 63 μm (%)	2.3
Frazione < 63 μm (%)	97.7

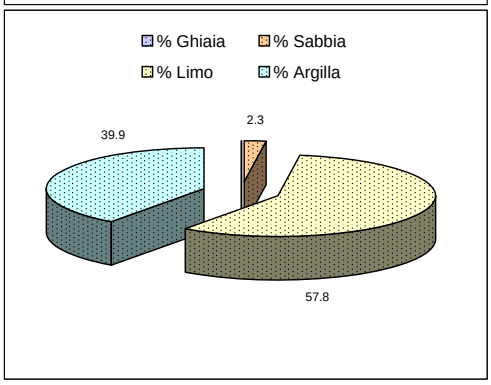
Frazione grossolana (> 63 μm) = 2.3	
% Ghiaia	**% Sabbia**
0.0	**2.3**

Frazione pelitica (< 63 μm) = 97.7	
% Limo	**% Argilla**
57.8	**39.9**

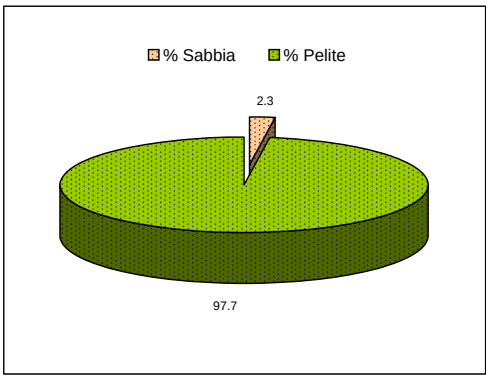
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.475
Deviazione Standard	1.784
Asimmetria (Skewness)	0.008
Appuntimento (Kurtosis)	0.891
Mediana (Φ)	7.457
Moda (Φ)	7.500

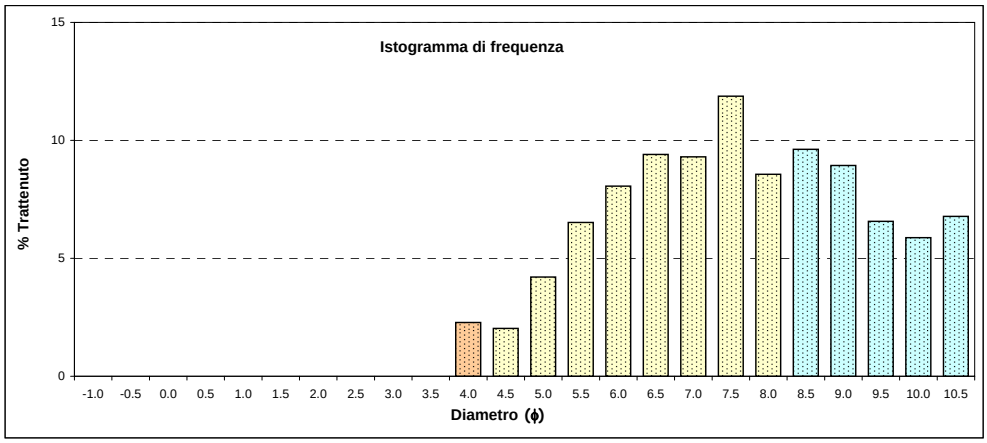
Percentili (Φ)	
5	4.634
16	5.632
25	6.158
50	7.457
75	8.763
84	9.335
95	10.297

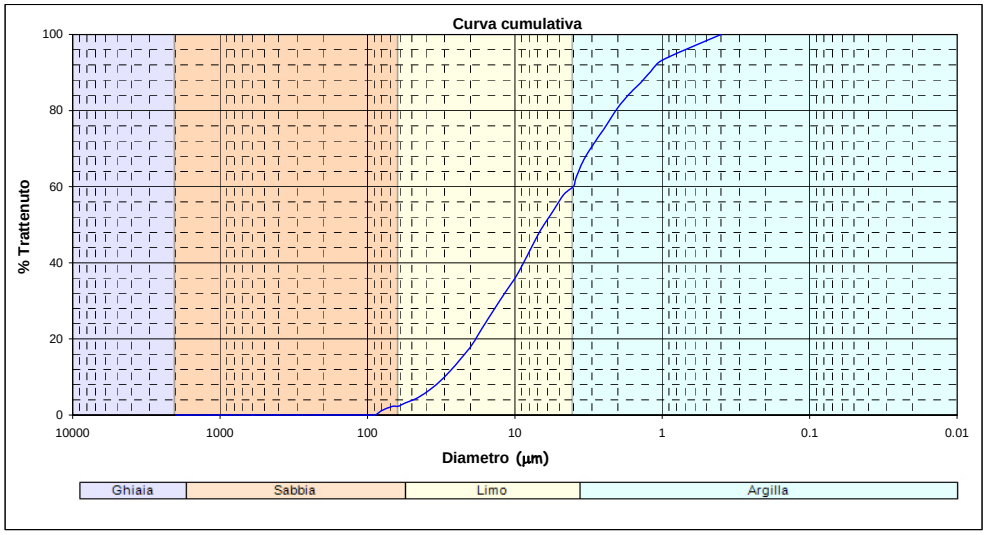
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.10%	0.10%
87	3.523		
87	3.523	1.09%	1.18%
73	3.776		
73	3.776	1.10%	2.28%
62.5	4		
62.5	4	0.05%	2.33%
61	4.035		
61	4.035	0.79%	3.12%
51	4.293		
51	4.293	1.18%	4.31%
43	4.54		
43	4.54	1.78%	6.08%
36	4.796		
36	4.796	2.43%	8.51%
30	5.059		
30	5.059	3.05%	11.56%
25	5.322		
25	5.322	3.47%	15.03%
21	5.573		
21	5.573	3.49%	18.52%
18	5.796		
18	5.796	4.57%	23.09%
15	6.059		
15	6.059	4.79%	27.88%
12.5	6.322		
12.5	6.322	4.61%	32.49%
10.5	6.573		
10.5	6.573	4.14%	36.63%
9	6.796		
9	6.796	5.16%	41.79%
7.5	7.059		
7.5	7.059	6.56%	48.35%
6	7.381		
6	7.381	5.31%	53.66%
5	7.644		
5	7.644	4.32%	57.98%
4.3	7.861		
4.3	7.861	2.12%	60.10%
4	7.966		
4	7.966	2.12%	62.22%
3.7	8.078		
3.7	8.078	4.92%	67.14%
3.1	8.334		
3.1	8.334	4.70%	71.84%
2.6	8.587		
2.6	8.587	4.23%	76.07%
2.2	8.828		
2.2	8.828	4.70%	80.78%
1.8	9.118		
1.8	9.118	3.84%	84.62%
1.5	9.381		
1.5	9.381	2.72%	87.34%
1.3	9.587		
1.3	9.587	2.87%	90.21%
1.1	9.828		
1.1	9.828	3.01%	93.22%
0.9	10.118		
< 0,900	> 10,118	6.78%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 49
Livello (cm)	(100-125)
Peso totale (g)	72.8
Frazione > 63 μm (%)	4.4
Frazione < 63 μm (%)	95.6

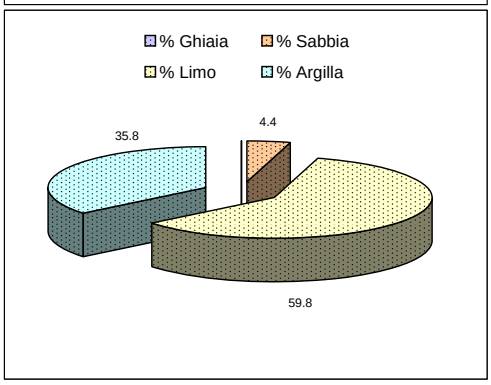
Frazione grossolana (> 63 μm) = 4.4	
% Ghiaia	% Sabbia
0.0	4.4

Frazione pelitica (< 63 μm) = 95.6	
% Limo	% Argilla
59.8	35.8

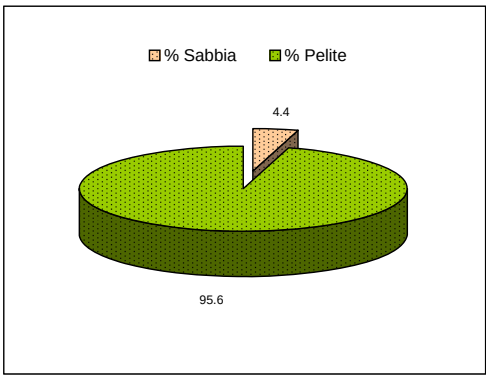
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.276
Deviazione Standard	1.842
Asimmetria (Skewness)	-0.004
Appuntimento (Kurtosis)	0.952
Mediana (Φ)	7.256
Moda (Φ)	7.500

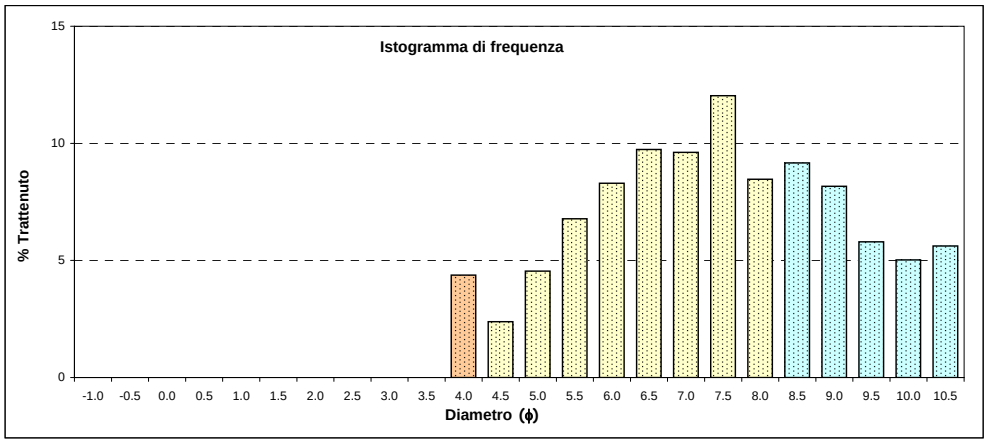
Percentili (Φ)	
5	4.181
16	5.422
25	5.977
50	7.256
75	8.563
84	9.149
95	10.190

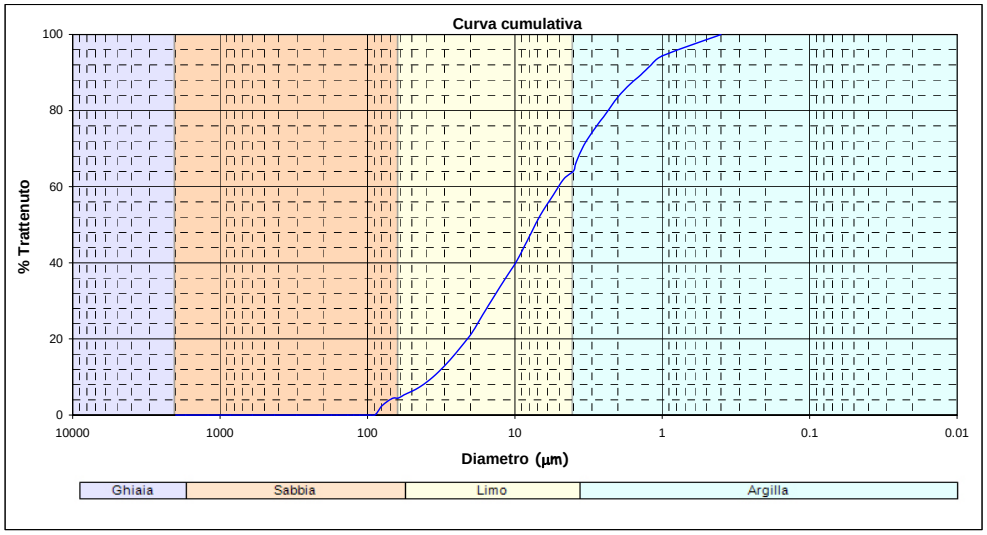
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.20%	0.20%
87	3.523		
87	3.523	2.19%	2.39%
73	3.776		
73	3.776	1.98%	4.37%
62.5	4		
62.5	4	0.07%	4.44%
61	4.035		
61	4.035	0.96%	5.40%
51	4.293		
51	4.293	1.36%	6.76%
43	4.54		
43	4.54	1.96%	8.71%
36	4.796		
36	4.796	2.59%	11.30%
30	5.059		
30	5.059	3.19%	14.49%
25	5.322		
25	5.322	3.59%	18.08%
21	5.573		
21	5.573	3.59%	21.67%
18	5.796		
18	5.796	4.71%	26.38%
15	6.059		
15	6.059	4.95%	31.33%
12.5	6.322		
12.5	6.322	4.79%	36.12%
10.5	6.573		
10.5	6.573	4.30%	40.41%
9	6.796		
9	6.796	5.32%	45.73%
7.5	7.059		
7.5	7.059	6.69%	52.42%
6	7.381		
6	7.381	5.35%	57.76%
5	7.644		
5	7.644	4.30%	62.06%
4.3	7.861		
4.3	7.861	2.08%	64.15%
4	7.966		
4	7.966	2.08%	66.23%
3.7	8.078		
3.7	8.078	4.73%	70.96%
3.1	8.334		
3.1	8.334	4.43%	75.40%
2.6	8.587		
2.6	8.587	3.91%	79.30%
2.2	8.828		
2.2	8.828	4.26%	83.56%
1.8	9.118		
1.8	9.118	3.41%	86.97%
1.5	9.381		
1.5	9.381	2.38%	89.36%
1.3	9.587		
1.3	9.587	2.47%	91.83%
1.1	9.828		
1.1	9.828	2.55%	94.38%
0.9	10.118		
< 0,900	> 10,118	5.62%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 49
Livello (cm)	(125-150)
Peso totale (g)	72.1
Frazione > 63 μm (%)	2.6
Frazione < 63 μm (%)	97.4

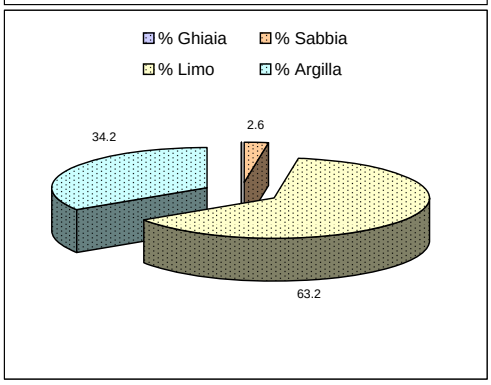
Frazione grossolana (> 63 μm) = 2.6	
% Ghiaia	% Sabbia
0.0	2.6

Frazione pelitica (< 63 μm) = 97.4	
% Limo	% Argilla
63.2	34.2

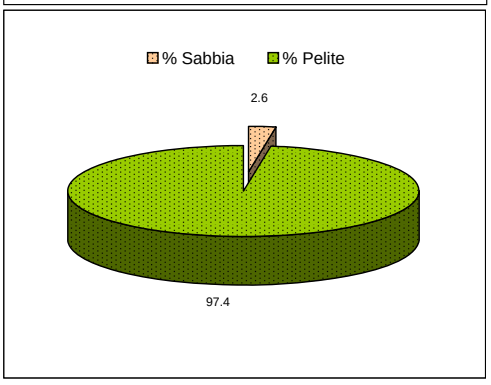
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.279
Deviazione Standard	1.697
Asimmetria (Skewness)	0.045
Appuntimento (Kurtosis)	0.953
Mediana (Φ)	7.224
Moda (Φ)	7.500

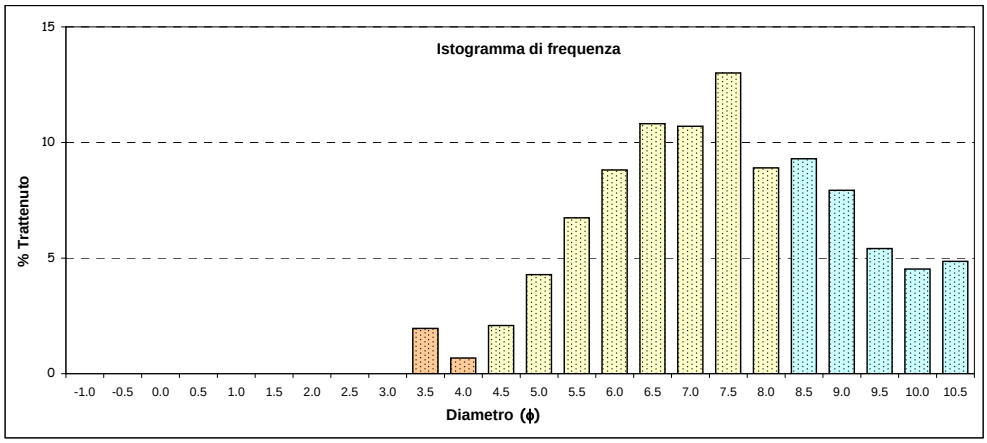
Percentili (Φ)	
5	4.576
16	5.587
25	6.079
50	7.224
75	8.452
84	9.027
95	10.098

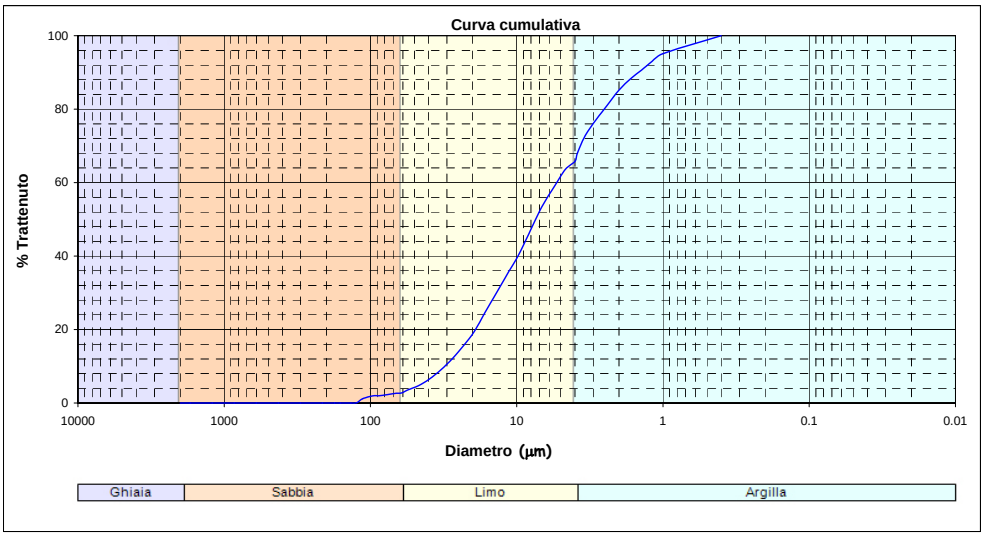
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.11%	0.11%
123	3.023		
123	3.023	1.07%	1.18%
103	3.279		
103	3.279	0.78%	1.96%
88.39	3.5		
88.39	3.5	0.01%	1.97%
87	3.523		
87	3.523	0.22%	2.19%
73	3.776		
73	3.776	0.45%	2.63%
62.5	4		
62.5	4	0.05%	2.69%
61	4.035		
61	4.035	0.81%	3.50%
51	4.293		
51	4.293	1.22%	4.72%
43	4.54		
43	4.54	1.82%	6.54%
36	4.796		
36	4.796	2.47%	9.01%
30	5.059		
30	5.059	3.12%	12.12%
25	5.322		
25	5.322	3.63%	15.75%
21	5.573		
21	5.573	3.74%	19.49%
18	5.796		
18	5.796	5.07%	24.56%
15	6.059		
15	6.059	5.45%	30.01%
12.5	6.322		
12.5	6.322	5.35%	35.36%
10.5	6.573		
10.5	6.573	4.81%	40.18%
9	6.796		
9	6.796	5.89%	46.07%
7.5	7.059		
7.5	7.059	7.28%	53.34%
6	7.381		
6	7.381	5.73%	59.08%
5	7.644		
5	7.644	4.55%	63.63%
4.3	7.861		
4.3	7.861	2.17%	65.80%
4	7.966		
4	7.966	2.17%	67.97%
3.7	8.078		
3.7	8.078	4.85%	72.82%
3.1	8.334		
3.1	8.334	4.45%	77.27%
2.6	8.587		
2.6	8.587	3.84%	81.11%
2.2	8.828		
2.2	8.828	4.09%	85.20%
1.8	9.118		
1.8	9.118	3.21%	88.41%
1.5	9.381		
1.5	9.381	2.20%	90.61%
1.3	9.587		
1.3	9.587	2.25%	92.86%
1.1	9.828		
1.1	9.828	2.28%	95.14%
0.9	10.118		
< 0,900	> 10,118	4.86%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 49**
Livello (cm)	**(150-175)**
Peso totale (g)	69.3
Frazione > 63 μm (%)	4.2
Frazione < 63 μm (%)	95.8

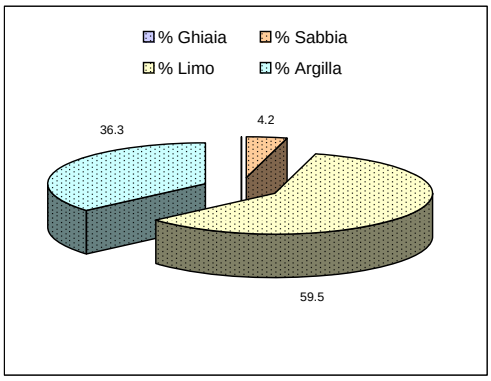
Frazione grossolana (> 63 μm) =	**4.2**
% Ghiaia	**% Sabbia**
0.0	**4.2**

Frazione pelitica (< 63 μm) =	**95.8**
% Limo	**% Argilla**
59.5	**36.3**

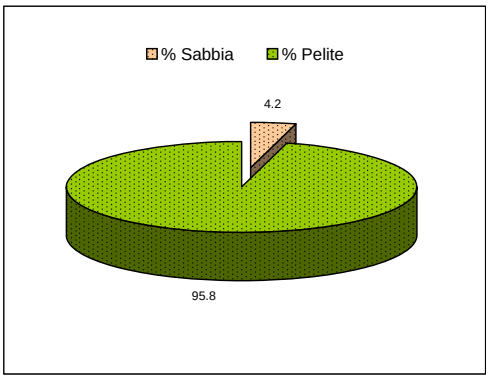
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.279
Deviazione Standard	1.851
Asimmetria (Skewness)	-0.007
Appuntimento (Kurtosis)	0.933
Mediana (Φ)	7.270
Moda (Φ)	7.500

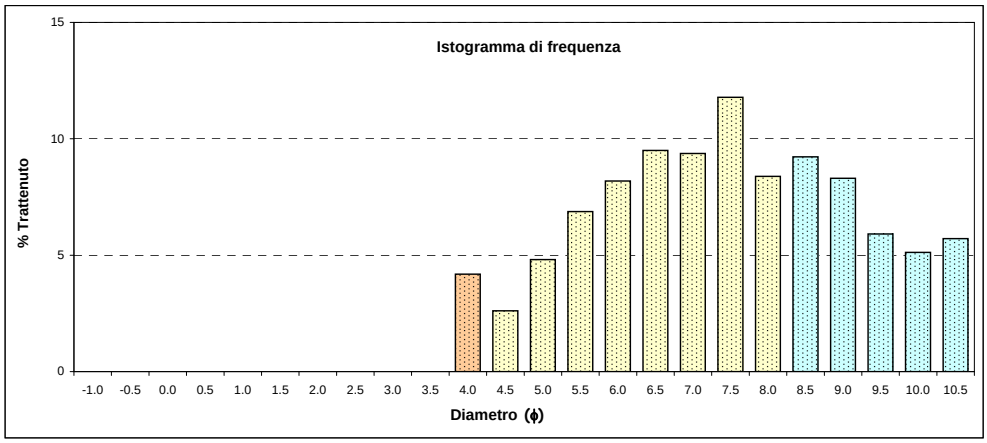
Percentili (Φ)	
5	4.211
16	5.396
25	5.958
50	7.270
75	8.590
84	9.171
95	10.200

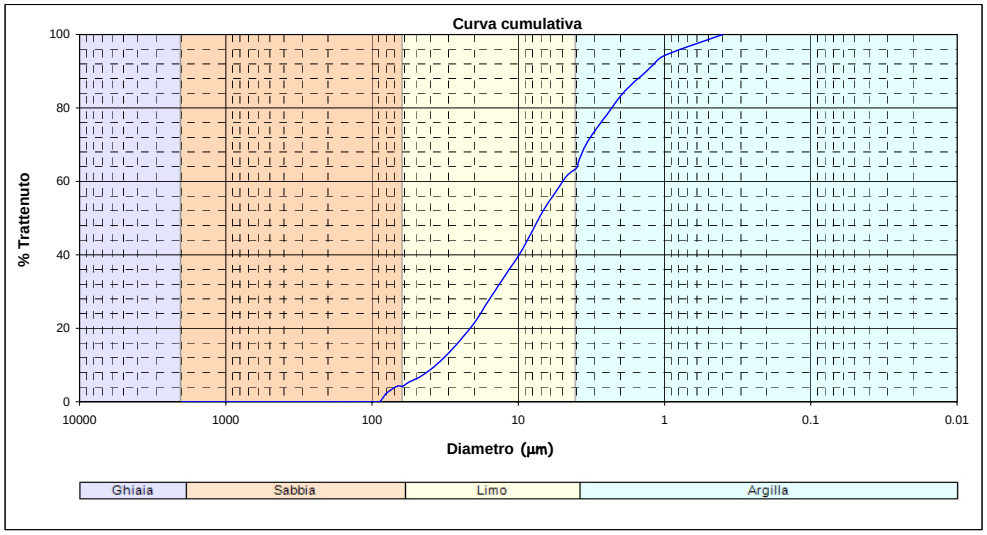
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.18%	0.18%
87	3.523		
87	3.523	2.07%	2.26%
73	3.776		
73	3.776	1.93%	4.18%
62.5	4		
62.5	4	0.08%	4.26%
61	4.035		
61	4.035	1.06%	5.32%
51	4.293		
51	4.293	1.48%	6.80%
43	4.54		
43	4.54	2.10%	8.89%
36	4.796		
36	4.796	2.71%	11.61%
30	5.059		
30	5.059	3.26%	14.87%
25	5.322		
25	5.322	3.61%	18.49%
21	5.573		
21	5.573	3.56%	22.05%
18	5.796		
18	5.796	4.63%	26.68%
15	6.059		
15	6.059	4.84%	31.51%
12.5	6.322		
12.5	6.322	4.67%	36.18%
10.5	6.573		
10.5	6.573	4.19%	40.36%
9	6.796		
9	6.796	5.18%	45.55%
7.5	7.059		
7.5	7.059	6.53%	52.08%
6	7.381		
6	7.381	5.25%	57.33%
5	7.644		
5	7.644	4.24%	61.57%
4.3	7.861		
4.3	7.861	2.07%	63.64%
4	7.966		
4	7.966	2.07%	65.72%
3.7	8.078		
3.7	8.078	4.75%	70.47%
3.1	8.334		
3.1	8.334	4.48%	74.95%
2.6	8.587		
2.6	8.587	3.97%	78.91%
2.2	8.828		
2.2	8.828	4.34%	83.25%
1.8	9.118		
1.8	9.118	3.48%	86.73%
1.5	9.381		
1.5	9.381	2.43%	89.16%
1.3	9.587		
1.3	9.587	2.52%	91.68%
1.1	9.828		
1.1	9.828	2.60%	94.29%
0.9	10.118		
< 0,900	> 10,118	5.71%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 49**
Livello (cm)	**(175-200)**
Peso totale (g)	71.7
Frazione > 63 μm (%)	6.0
Frazione < 63 μm (%)	94.0

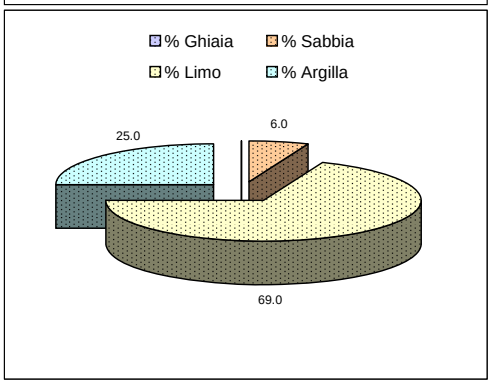
Frazione grossolana (> 63 μm) =	**6.0**
% Ghiaia	**% Sabbia**
0.0	**6.0**

Frazione pelitica (< 63 μm) =	**94.0**
% Limo	**% Argilla**
69.0	**25.0**

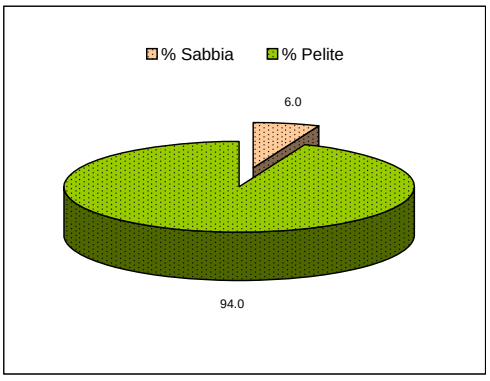
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.739
Deviazione Standard	1.817
Asimmetria (Skewness)	0.072
Appuntimento (Kurtosis)	0.981
Mediana (Φ)	6.644
Moda (Φ)	7.500

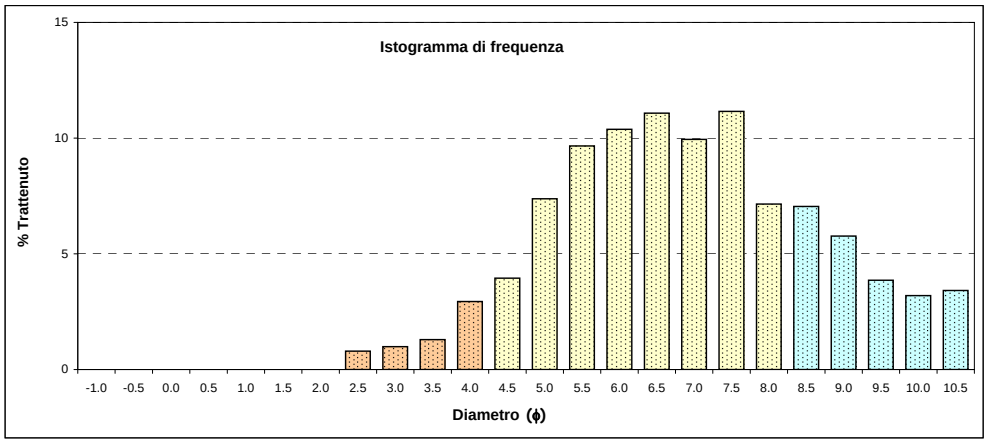
Percentili (Φ)	
5	3.845
16	4.967
25	5.466
50	6.644
75	7.966
84	8.606
95	9.831

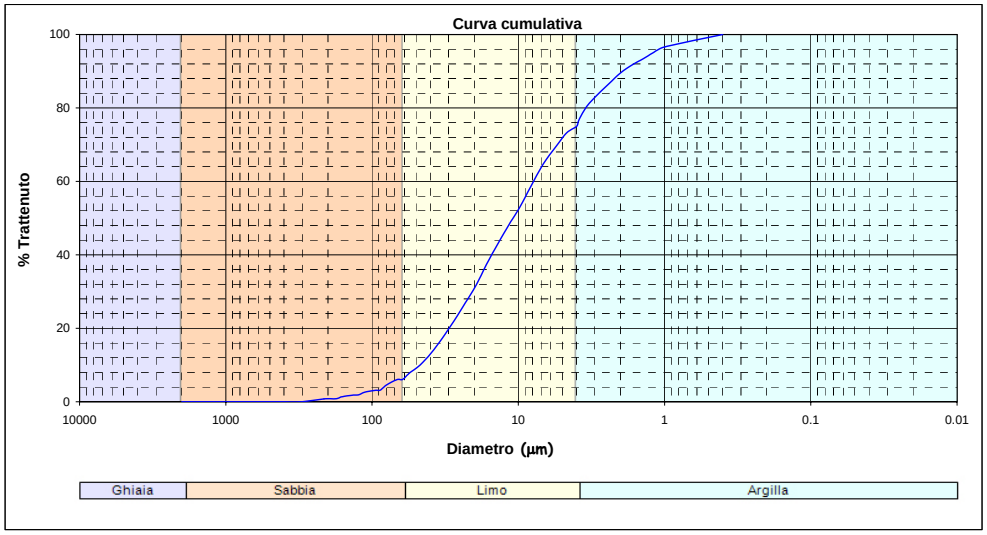
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.79%	0.79%
176.78	2.5		
176.78	2.5	0.03%	0.83%
175	2.515		
175	2.515	0.53%	1.36%
147	2.766		
147	2.766	0.42%	1.78%
125	3		
125	3	0.07%	1.85%
123	3.023		
123	3.023	0.71%	2.56%
103	3.279		
103	3.279	0.52%	3.08%
88.39	3.5		
88.39	3.5	0.11%	3.19%
87	3.523		
87	3.523	1.32%	4.51%
73	3.776		
73	3.776	1.51%	6.02%
62.5	4		
62.5	4	0.10%	6.12%
61	4.035		
61	4.035	1.55%	7.67%
51	4.293		
51	4.293	2.30%	9.97%
43	4.54		
43	4.54	3.27%	13.23%
36	4.796		
36	4.796	4.12%	17.35%
30	5.059		
30	5.059	4.71%	22.06%
25	5.322		
25	5.322	4.94%	27.00%
21	5.573		
21	5.573	4.64%	31.65%
18	5.796		
18	5.796	5.74%	37.39%
15	6.059		
15	6.059	5.74%	43.13%
12.5	6.322		
12.5	6.322	5.33%	48.47%
10.5	6.573		
10.5	6.573	4.58%	53.05%
9	6.796		
9	6.796	5.36%	58.41%
7.5	7.059		
7.5	7.059	6.34%	64.75%
6	7.381		
6	7.381	4.82%	69.57%
5	7.644		
5	7.644	3.71%	73.28%
4.3	7.861		
4.3	7.861	1.72%	75.00%
4	7.966		
4	7.966	1.72%	76.72%
3.7	8.078		
3.7	8.078	3.72%	80.44%
3.1	8.334		
3.1	8.334	3.33%	83.77%
2.6	8.587		
2.6	8.587	2.82%	86.58%
2.2	8.828		
2.2	8.828	2.95%	89.54%
1.8	9.118		
1.8	9.118	2.29%	91.83%
1.5	9.381		
1.5	9.381	1.56%	93.39%
1.3	9.587		
1.3	9.587	1.59%	94.98%
1.1	9.828		
1.1	9.828	1.60%	96.59%
0.9	10.118		
< 0,900	> 10,118	3.41%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 49**
Livello (cm)	**(200-225)**
Peso totale (g)	34.4
Frazione > 63 μm (%)	11.9
Frazione < 63 μm (%)	88.1

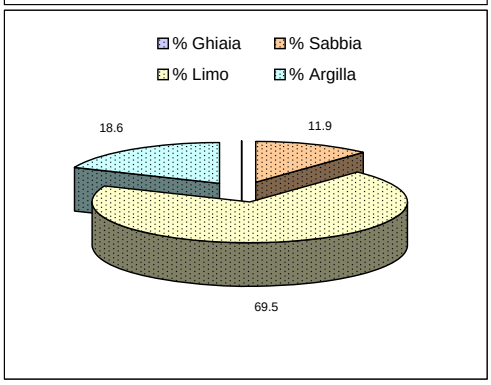
Frazione grossolana (> 63 μm) =	**11.9**
% Ghiaia	**% Sabbia**
0.0	**11.9**

Frazione pelitica (< 63 μm) =	**88.1**
% Limo	**% Argilla**
69.5	**18.6**

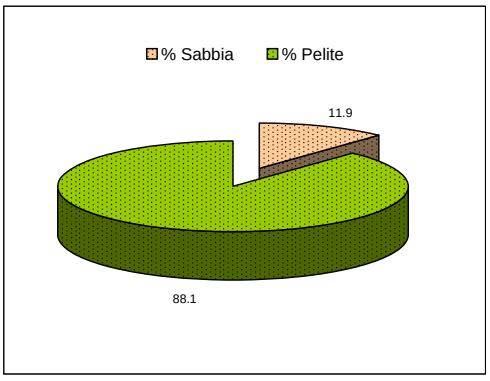
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.216
Deviazione Standard	1.875
Asimmetria (Skewness)	0.123
Appuntimento (Kurtosis)	0.974
Mediana (Φ)	6.066
Moda (Φ)	5.500

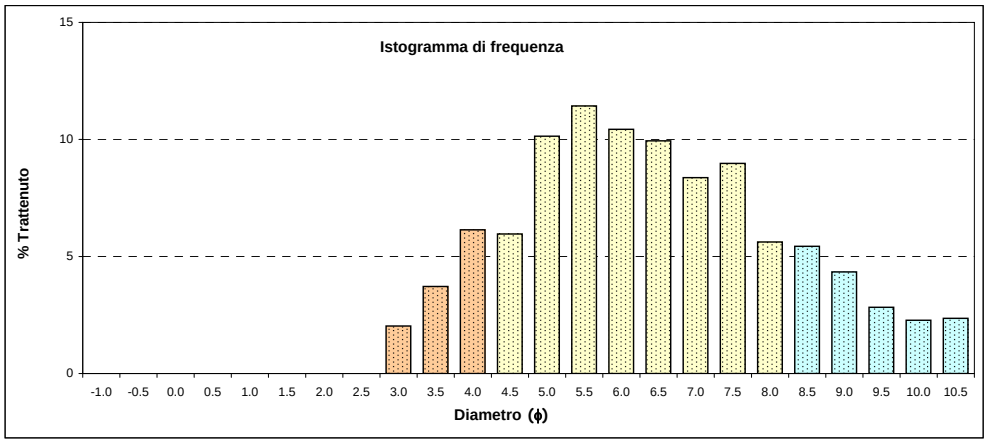
Percentili (Φ)	
5	3.384
16	4.401
25	4.910
50	6.066
75	7.491
84	8.182
95	9.518

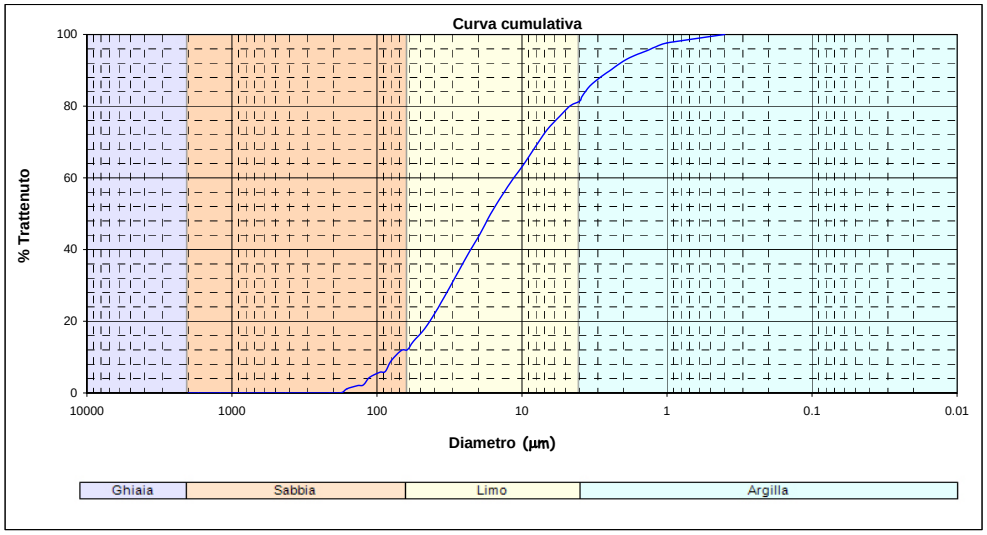
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.07%	0.07%
175	2.515		
175	2.515	1.10%	1.17%
147	2.766		
147	2.766	0.86%	2.03%
125	3		
125	3	0.20%	2.24%
123	3.023		
123	3.023	2.03%	4.27%
103	3.279		
103	3.279	1.48%	5.75%
88.39	3.5		
88.39	3.5	0.25%	6.00%
87	3.523		
87	3.523	2.91%	8.92%
73	3.776		
73	3.776	2.98%	11.89%
62.5	4		
62.5	4	0.16%	12.05%
61	4.035		
61	4.035	2.38%	14.43%
51	4.293		
51	4.293	3.43%	17.85%
43	4.54		
43	4.54	4.64%	22.50%
36	4.796		
36	4.796	5.50%	27.99%
30	5.059		
30	5.059	5.82%	33.82%
25	5.322		
25	5.322	5.61%	39.42%
21	5.573		
21	5.573	4.86%	44.28%
18	5.796		
18	5.796	5.57%	49.85%
15	6.059		
15	6.059	5.26%	55.11%
12.5	6.322		
12.5	6.322	4.69%	59.80%
10.5	6.573		
10.5	6.573	3.91%	63.71%
9	6.796		
9	6.796	4.45%	68.16%
7.5	7.059		
7.5	7.059	5.14%	73.30%
6	7.381		
6	7.381	3.84%	77.14%
5	7.644		
5	7.644	2.93%	80.07%
4.3	7.861		
4.3	7.861	1.35%	81.41%
4	7.966		
4	7.966	1.35%	82.76%
3.7	8.078		
3.7	8.078	2.88%	85.64%
3.1	8.334		
3.1	8.334	2.55%	88.19%
2.6	8.587		
2.6	8.587	2.13%	90.33%
2.2	8.828		
2.2	8.828	2.21%	92.53%
1.8	9.118		
1.8	9.118	1.69%	94.23%
1.5	9.381		
1.5	9.381	1.14%	95.37%
1.3	9.587		
1.3	9.587	1.14%	96.51%
1.1	9.828		
1.1	9.828	1.14%	97.64%
0.9	10.118		
< 0,900	> 10,118	2.36%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 49
Livello (cm)	(225-250)
Peso totale (g)	18.8
Frazione > 63 μm (%)	11.3
Frazione < 63 μm (%)	88.7

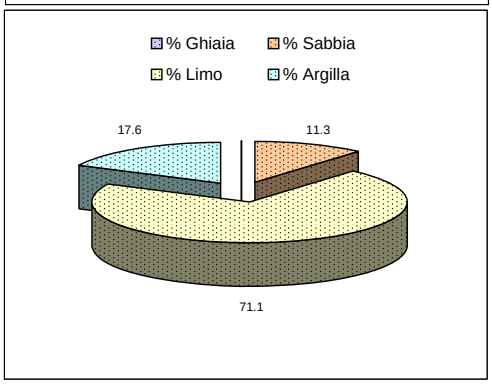
Frazione grossolana (> 63 μm) = 11.3	
% Ghiaia	% Sabbia
0.0	11.3

Frazione pelitica (< 63 μm) = 88.7	
% Limo	% Argilla
71.1	17.6

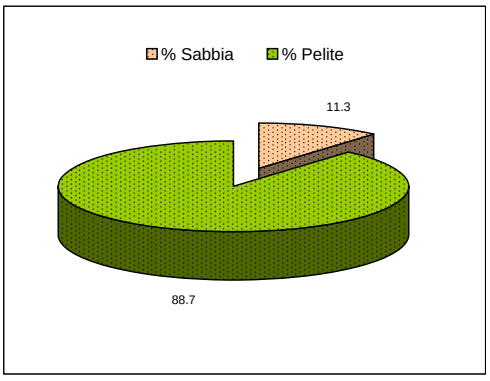
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.180
Deviazione Standard	1.828
Asimmetria (Skewness)	0.176
Appuntimento (Kurtosis)	0.996
Mediana (Φ)	5.988
Moda (Φ)	5.500

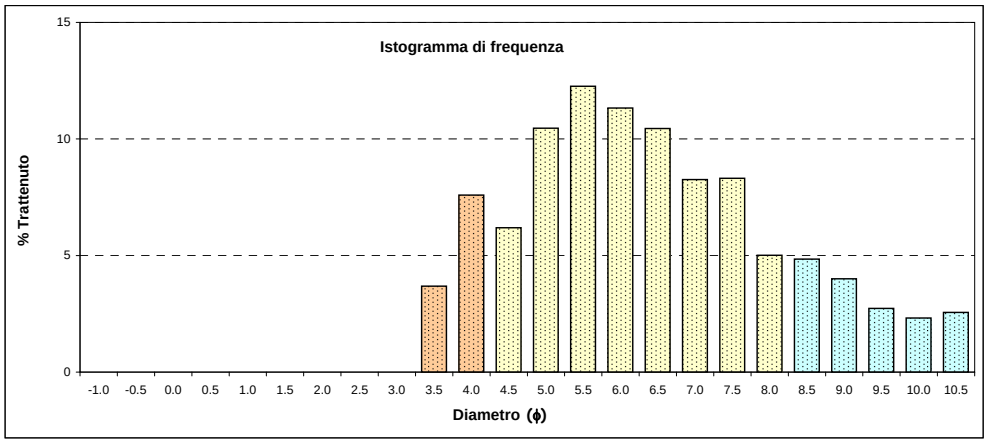
Percentili (Φ)	
5	3.587
16	4.431
25	4.918
50	5.988
75	7.378
84	8.120
95	9.563

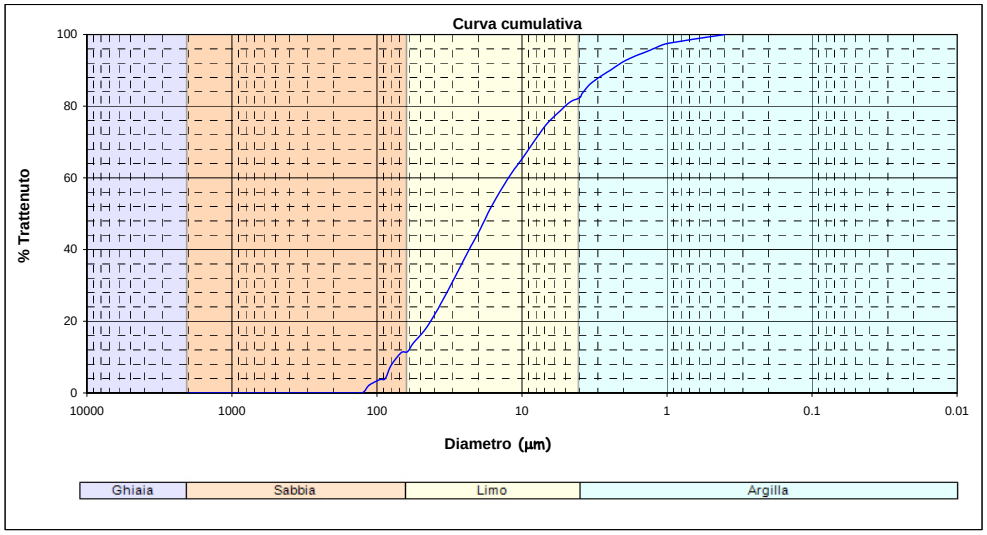
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.20%	0.20%
123	3.023		
123	3.023	1.98%	2.18%
103	3.279		
103	3.279	1.51%	3.69%
88.39	3.5		
88.39	3.5	0.32%	4.01%
87	3.523		
87	3.523	3.69%	7.70%
73	3.776		
73	3.776	3.58%	11.28%
62.5	4		
62.5	4	0.18%	11.46%
61	4.035		
61	4.035	2.51%	13.96%
51	4.293		
51	4.293	3.50%	17.47%
43	4.54		
43	4.54	4.75%	22.22%
36	4.796		
36	4.796	5.71%	27.93%
30	5.059		
30	5.059	6.19%	34.12%
25	5.322		
25	5.322	6.07%	40.19%
21	5.573		
21	5.573	5.29%	45.48%
18	5.796		
18	5.796	6.03%	51.51%
15	6.059		
15	6.059	5.59%	57.10%
12.5	6.322		
12.5	6.322	4.86%	61.96%
10.5	6.573		
10.5	6.573	3.94%	65.90%
9	6.796		
9	6.796	4.33%	70.22%
7.5	7.059		
7.5	7.059	4.81%	75.04%
6	7.381		
6	7.381	3.50%	78.54%
5	7.644		
5	7.644	2.62%	81.16%
4.3	7.861		
4.3	7.861	1.19%	82.35%
4	7.966		
4	7.966	1.19%	83.55%
3.7	8.078		
3.7	8.078	2.56%	86.11%
3.1	8.334		
3.1	8.334	2.29%	88.39%
2.6	8.587		
2.6	8.587	1.94%	90.33%
2.2	8.828		
2.2	8.828	2.06%	92.39%
1.8	9.118		
1.8	9.118	1.62%	94.01%
1.5	9.381		
1.5	9.381	1.11%	95.12%
1.3	9.587		
1.3	9.587	1.15%	96.27%
1.1	9.828		
1.1	9.828	1.17%	97.44%
0.9	10.118		
< 0,900	> 10,118	2.56%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 49
Livello (cm)	(250-275)
Peso totale (g)	36.4
Frazione > 63 μm (%)	17.7
Frazione < 63 μm (%)	82.3

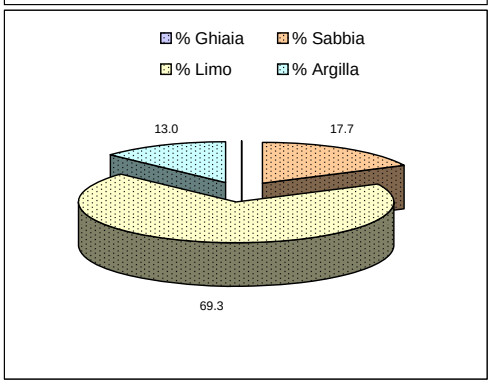
Frazione grossolana (> 63 μm) = 17.7	
% Ghiaia	% Sabbia
0.0	17.7

Frazione pelitica (< 63 μm) = 82.3	
% Limo	% Argilla
69.3	13.0

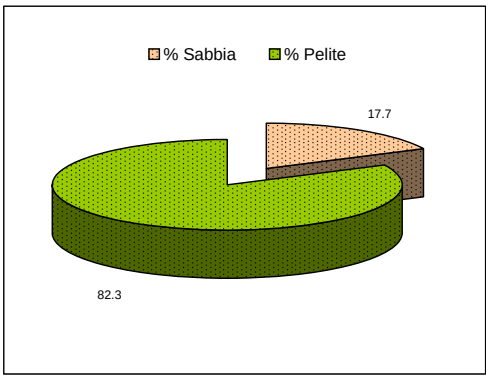
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.710
Deviazione Standard	1.897
Asimmetria (Skewness)	0.131
Appuntimento (Kurtosis)	1.101
Mediana (Φ)	5.590
Moda (Φ)	5.500

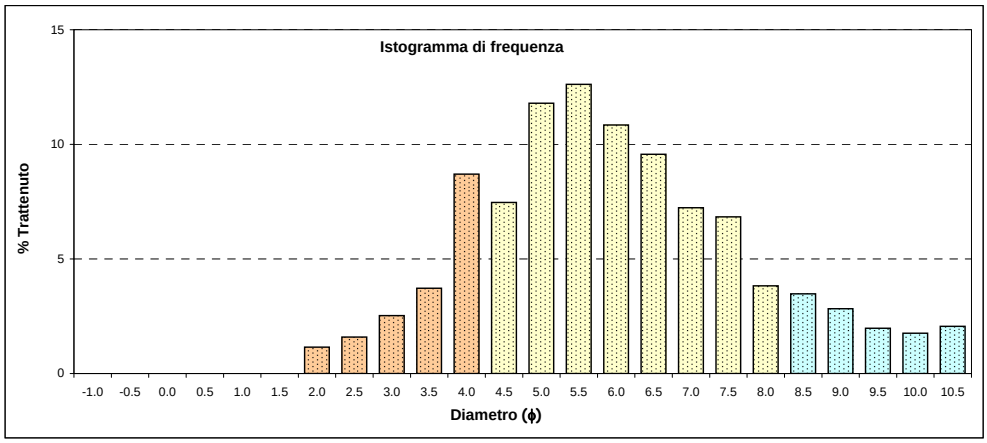
Percentili (Φ)	
5	2.936
16	3.904
25	4.529
50	5.590
75	6.896
84	7.637
95	9.293

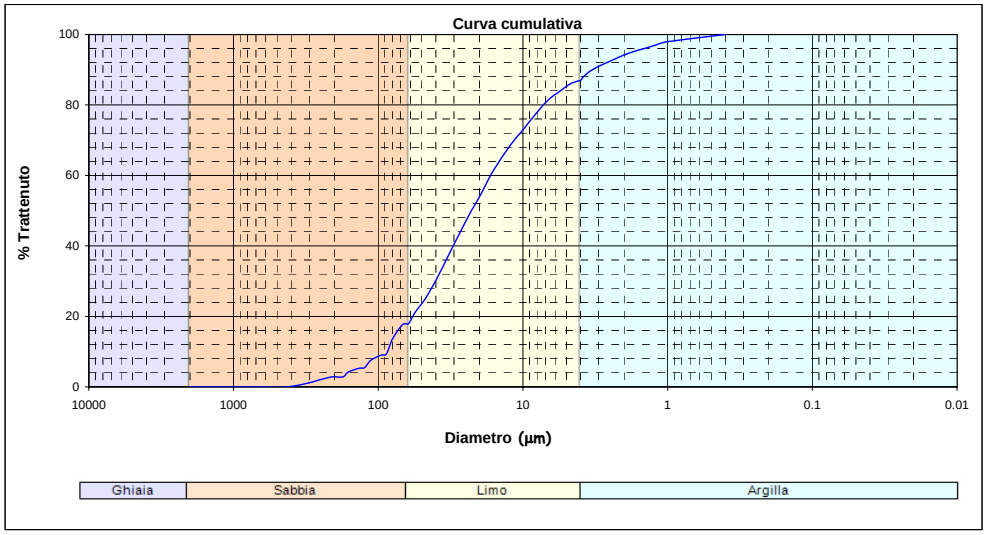
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.15%	1.15%
250	2		
250	2	1.59%	2.75%
176.78	2.5		
176.78	2.5	0.09%	2.84%
175	2.515		
175	2.515	1.37%	4.20%
147	2.766		
147	2.766	1.07%	5.28%
125	3		
125	3	0.20%	5.48%
123	3.023		
123	3.023	2.00%	7.47%
103	3.279		
103	3.279	1.53%	9.00%
88.39	3.5		
88.39	3.5	0.36%	9.36%
87	3.523		
87	3.523	4.19%	13.55%
73	3.776		
73	3.776	4.16%	17.71%
62.5	4		
62.5	4	0.22%	17.92%
61	4.035		
61	4.035	3.05%	20.98%
51	4.293		
51	4.293	4.19%	25.17%
43	4.54		
43	4.54	5.49%	30.65%
36	4.796		
36	4.796	6.31%	36.96%
30	5.059		
30	5.059	6.51%	43.48%
25	5.322		
25	5.322	6.11%	49.58%
21	5.573		
21	5.573	5.15%	54.73%
18	5.796		
18	5.796	5.70%	60.43%
15	6.059		
15	6.059	5.16%	65.59%
12.5	6.322		
12.5	6.322	4.40%	69.99%
10.5	6.573		
10.5	6.573	3.50%	73.49%
9	6.796		
9	6.796	3.74%	77.23%
7.5	7.059		
7.5	7.059	4.02%	81.25%
6	7.381		
6	7.381	2.82%	84.07%
5	7.644		
5	7.644	2.04%	86.10%
4.3	7.861		
4.3	7.861	0.90%	87.00%
4	7.966		
4	7.966	0.90%	87.89%
3.7	8.078		
3.7	8.078	1.86%	89.75%
3.1	8.334		
3.1	8.334	1.62%	91.37%
2.6	8.587		
2.6	8.587	1.37%	92.74%
2.2	8.828		
2.2	8.828	1.46%	94.20%
1.8	9.118		
1.8	9.118	1.16%	95.36%
1.5	9.381		
1.5	9.381	0.82%	96.18%
1.3	9.587		
1.3	9.587	0.86%	97.04%
1.1	9.828		
1.1	9.828	0.90%	97.94%
0.9	10.118		
< 0,900	> 10,118	2.06%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 49
Livello (cm)	(275-300)
Peso totale (g)	40.5
Frazione > 63 µm (%)	19.9
Frazione < 63 µm (%)	80.1

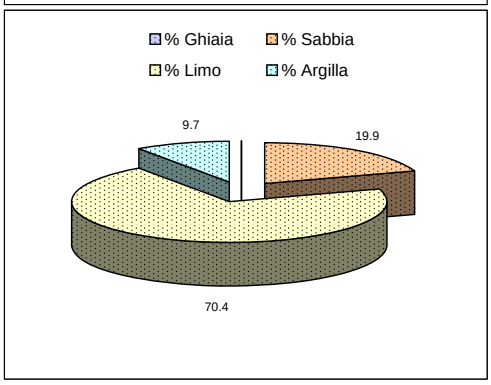
Frazione grossolana (> 63 µm) = 19.9	
% Ghiaia	% Sabbia
0.0	19.9

Frazione pelitica (< 63 µm) = 80.1	
% Limo	% Argilla
70.4	9.7

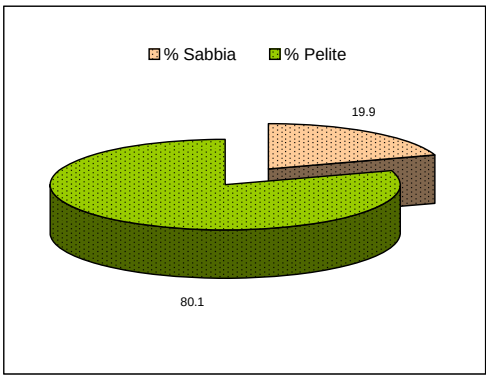
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.453
Deviazione Standard	1.835
Asimmetria (Skewness)	0.086
Appuntimento (Kurtosis)	1.209
Mediana (Φ)	5.381
Moda (Φ)	5.500

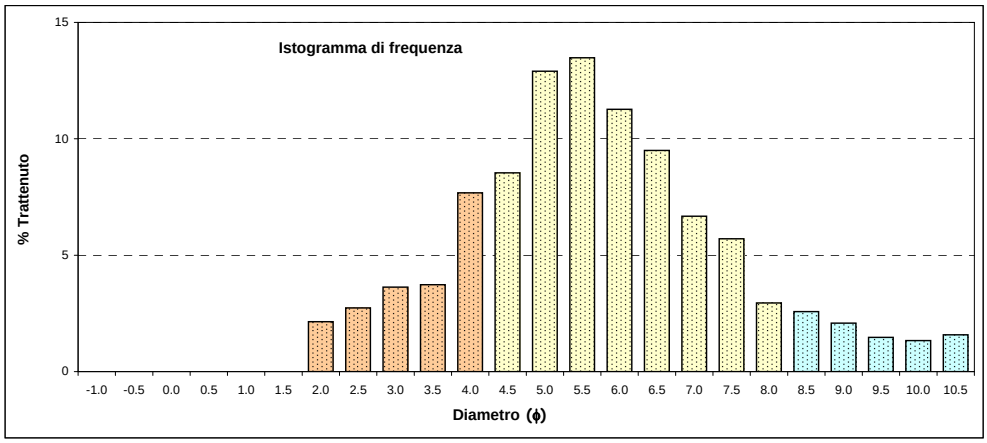
Percentili (Φ)	
5	2.513
16	3.769
25	4.355
50	5.381
75	6.534
84	7.210
95	8.944

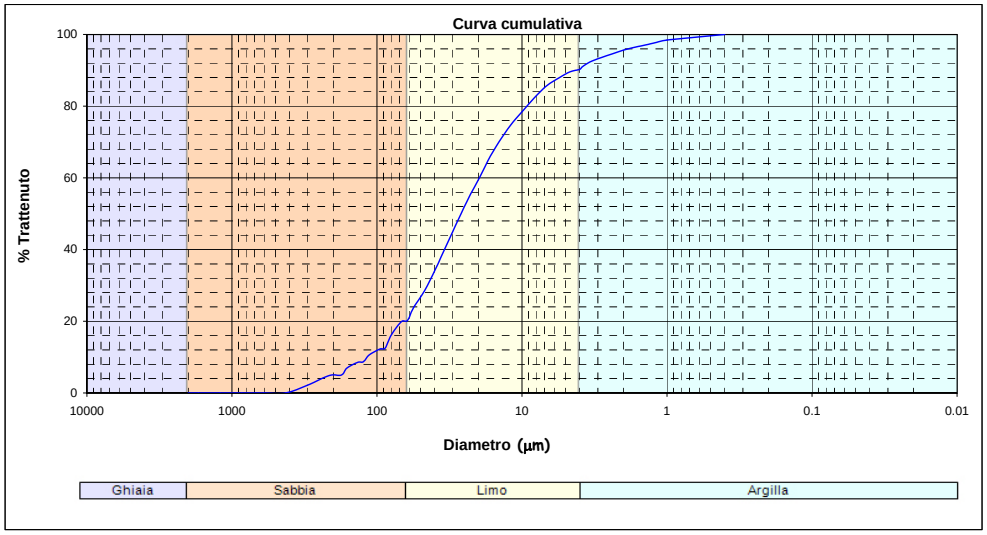
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.15%	2.15%
250	2		
250	2	2.74%	4.89%
176.78	2.5		
176.78	2.5	0.12%	5.01%
175	2.515		
175	2.515	1.96%	6.97%
147	2.766		
147	2.766	1.54%	8.51%
125	3		
125	3	0.19%	8.71%
123	3.023		
123	3.023	1.94%	10.65%
103	3.279		
103	3.279	1.60%	12.25%
88.39	3.5		
88.39	3.5	0.28%	12.52%
87	3.523		
87	3.523	3.57%	16.09%
73	3.776		
73	3.776	3.84%	19.93%
62.5	4		
62.5	4	0.27%	20.19%
61	4.035		
61	4.035	3.55%	23.74%
51	4.293		
51	4.293	4.72%	28.47%
43	4.54		
43	4.54	6.05%	34.51%
36	4.796		
36	4.796	6.86%	41.37%
30	5.059		
30	5.059	7.00%	48.37%
25	5.322		
25	5.322	6.48%	54.85%
21	5.573		
21	5.573	5.40%	60.25%
18	5.796		
18	5.796	5.87%	66.12%
15	6.059		
15	6.059	5.20%	71.31%
12.5	6.322		
12.5	6.322	4.31%	75.62%
10.5	6.573		
10.5	6.573	3.30%	78.92%
9	6.796		
9	6.796	3.37%	82.30%
7.5	7.059		
7.5	7.059	3.42%	85.72%
6	7.381		
6	7.381	2.28%	88.00%
5	7.644		
5	7.644	1.59%	89.59%
4.3	7.861		
4.3	7.861	0.68%	90.27%
4	7.966		
4	7.966	0.68%	90.95%
3.7	8.078		
3.7	8.078	1.38%	92.34%
3.1	8.334		
3.1	8.334	1.20%	93.54%
2.6	8.587		
2.6	8.587	1.01%	94.54%
2.2	8.828		
2.2	8.828	1.08%	95.62%
1.8	9.118		
1.8	9.118	0.86%	96.48%
1.5	9.381		
1.5	9.381	0.61%	97.09%
1.3	9.587		
1.3	9.587	0.65%	97.73%
1.1	9.828		
1.1	9.828	0.69%	98.42%
0.9	10.118		
< 0,900	> 10,118	1.58%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 50
Livello (cm)	(0-25)
Peso totale (g)	26.1
Frazione > 63 µm (%)	10.6
Frazione < 63 µm (%)	89.4

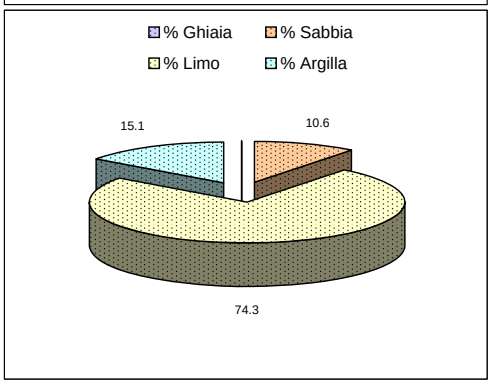
Frazione grossolana (> 63 µm) = 10.6	
% Ghiaia	% Sabbia
0.0	10.6

Frazione pelitica (< 63 µm) = 89.4	
% Limo	% Argilla
74.3	15.1

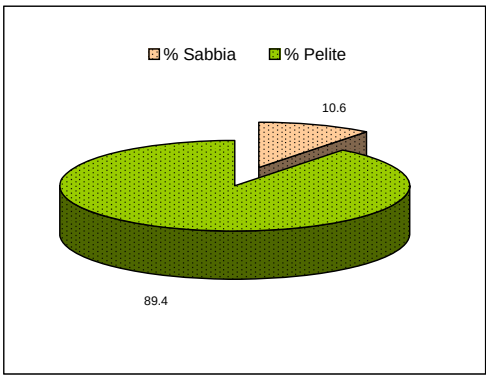
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.088
Deviazione Standard	1.806
Asimmetria (Skewness)	0.150
Appuntimento (Kurtosis)	1.222
Mediana (Φ)	5.887
Moda (Φ)	5.500

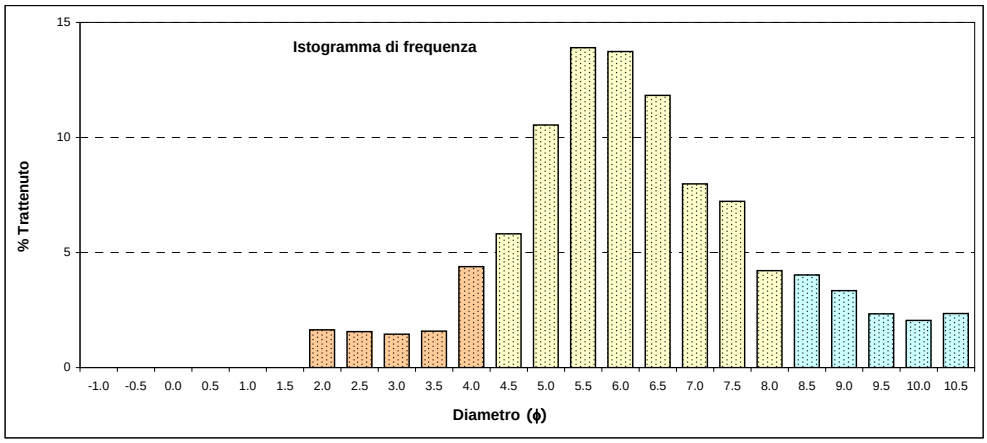
Percentili (Φ)	
5	3.096
16	4.503
25	4.964
50	5.887
75	7.097
84	7.873
95	9.455

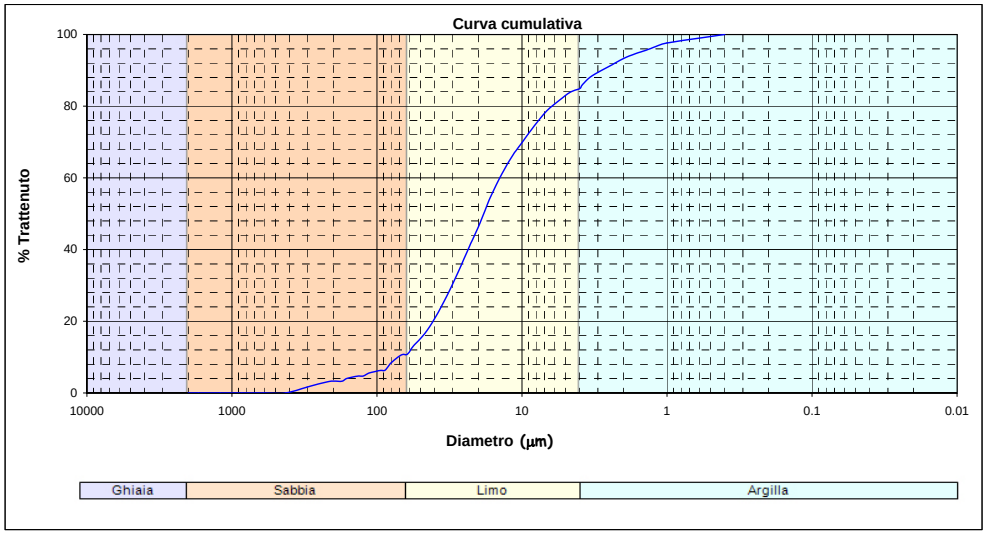
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.64%	1.64%
250	2		
250	2	1.57%	3.21%
176.78	2.5		
176.78	2.5	0.05%	3.26%
175	2.515		
175	2.515	0.79%	4.05%
147	2.766		
147	2.766	0.62%	4.67%
125	3		
125	3	0.08%	4.75%
123	3.023		
123	3.023	0.84%	5.58%
103	3.279		
103	3.279	0.66%	6.25%
88.39	3.5		
88.39	3.5	0.15%	6.40%
87	3.523		
87	3.523	1.99%	8.39%
73	3.776		
73	3.776	2.25%	10.64%
62.5	4		
62.5	4	0.16%	10.80%
61	4.035		
61	4.035	2.33%	13.14%
51	4.293		
51	4.293	3.32%	16.46%
43	4.54		
43	4.54	4.65%	21.10%
36	4.796		
36	4.796	5.89%	27.00%
30	5.059		
30	5.059	6.82%	33.81%
25	5.322		
25	5.322	7.09%	40.90%
21	5.573		
21	5.573	6.41%	47.31%
18	5.796		
18	5.796	7.33%	54.64%
15	6.059		
15	6.059	6.53%	61.17%
12.5	6.322		
12.5	6.322	5.30%	66.47%
10.5	6.573		
10.5	6.573	3.96%	70.43%
9	6.796		
9	6.796	4.02%	74.45%
7.5	7.059		
7.5	7.059	4.23%	78.68%
6	7.381		
6	7.381	2.99%	81.68%
5	7.644		
5	7.644	2.21%	83.89%
4.3	7.861		
4.3	7.861	1.00%	84.89%
4	7.966		
4	7.966	1.00%	85.89%
3.7	8.078		
3.7	8.078	2.13%	88.02%
3.1	8.334		
3.1	8.334	1.90%	89.92%
2.6	8.587		
2.6	8.587	1.62%	91.54%
2.2	8.828		
2.2	8.828	1.73%	93.26%
1.8	9.118		
1.8	9.118	1.37%	94.64%
1.5	9.381		
1.5	9.381	0.96%	95.60%
1.3	9.587		
1.3	9.587	1.00%	96.60%
1.1	9.828		
1.1	9.828	1.05%	97.65%
0.9	10.118		
< 0,900	> 10,118	2.35%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 50
Livello (cm)	(25-50)
Peso totale (g)	21.7
Frazione > 63 μm (%)	8.6
Frazione < 63 μm (%)	91.4

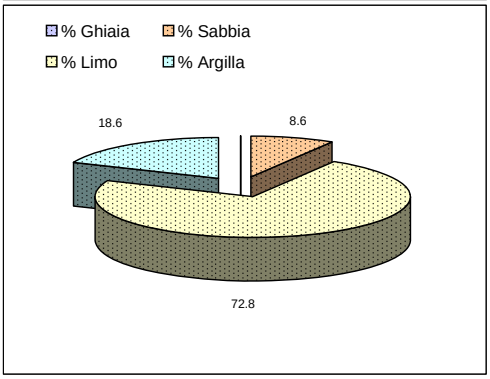
Frazione grossolana (> 63 μm) = 8.6	
% Ghiaia	% Sabbia
0.0	8.6

Frazione pelitica (< 63 μm) = 91.4	
% Limo	% Argilla
72.8	18.6

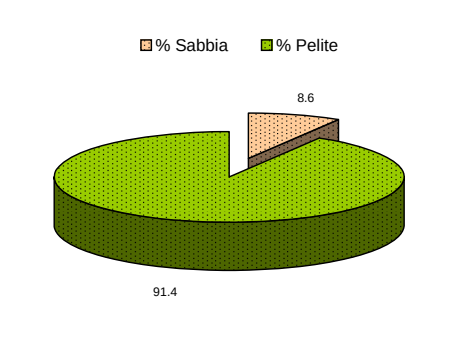
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.347
Deviazione Standard	1.788
Asimmetria (Skewness)	0.184
Appuntimento (Kurtosis)	1.082
Mediana (Φ)	6.127
Moda (Φ)	6.000

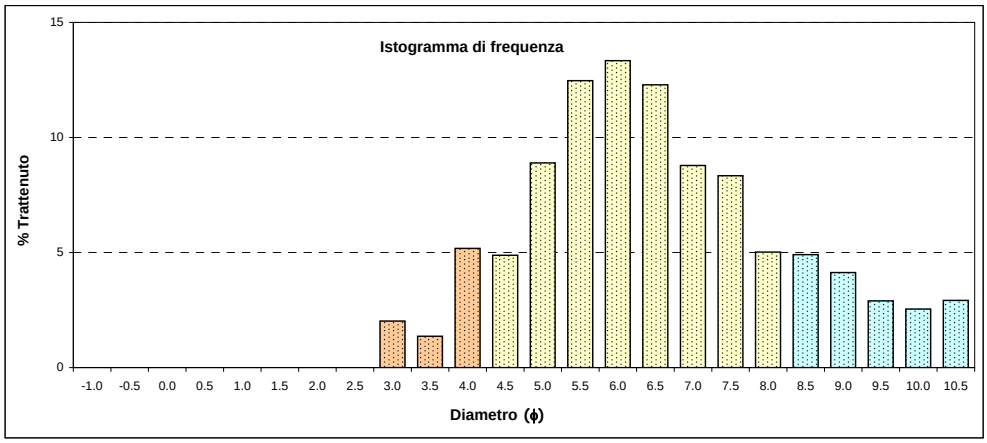
Percentili (Φ)	
5	3.662
16	4.702
25	5.170
50	6.127
75	7.446
84	8.211
95	9.673

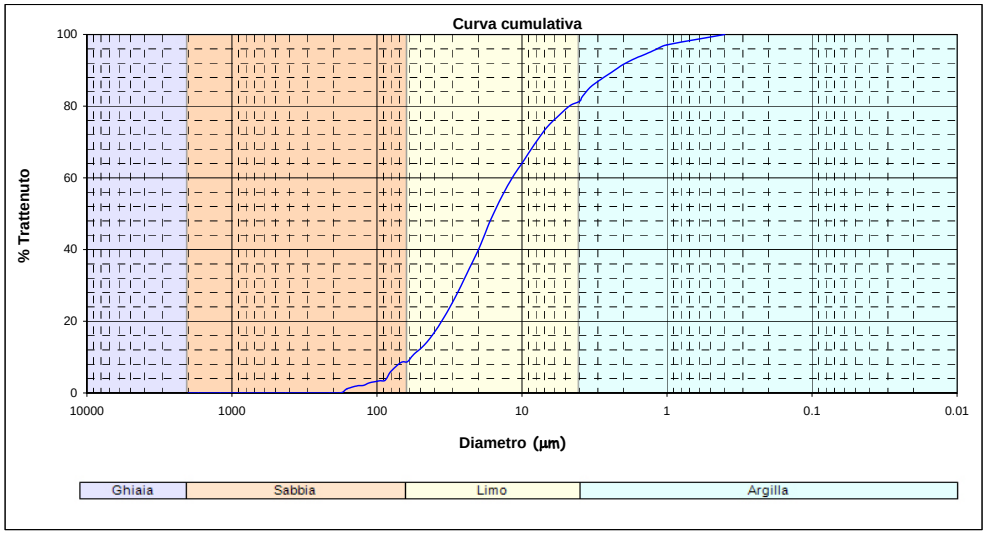
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.07%	0.07%
175	2.515		
175	2.515	1.10%	1.17%
147	2.766		
147	2.766	0.86%	2.03%
125	3		
125	3	0.07%	2.10%
123	3.023		
123	3.023	0.73%	2.83%
103	3.279		
103	3.279	0.56%	3.39%
88.39	3.5		
88.39	3.5	0.20%	3.59%
87	3.523		
87	3.523	2.47%	6.06%
73	3.776		
73	3.776	2.50%	8.57%
62.5	4		
62.5	4	0.14%	8.71%
61	4.035		
61	4.035	1.97%	10.68%
51	4.293		
51	4.293	2.77%	13.45%
43	4.54		
43	4.54	3.88%	17.34%
36	4.796		
36	4.796	5.01%	22.35%
30	5.059		
30	5.059	5.99%	28.34%
25	5.322		
25	5.322	6.48%	34.82%
21	5.573		
21	5.573	6.10%	40.91%
18	5.796		
18	5.796	7.25%	48.16%
15	6.059		
15	6.059	6.69%	54.85%
12.5	6.322		
12.5	6.322	5.60%	60.45%
10.5	6.573		
10.5	6.573	4.30%	64.75%
9	6.796		
9	6.796	4.48%	69.23%
7.5	7.059		
7.5	7.059	4.84%	74.07%
6	7.381		
6	7.381	3.50%	77.57%
5	7.644		
5	7.644	2.62%	80.19%
4.3	7.861		
4.3	7.861	1.20%	81.39%
4	7.966		
4	7.966	1.20%	82.59%
3.7	8.078		
3.7	8.078	2.59%	85.18%
3.1	8.334		
3.1	8.334	2.32%	87.50%
2.6	8.587		
2.6	8.587	1.99%	89.50%
2.2	8.828		
2.2	8.828	2.14%	91.64%
1.8	9.118		
1.8	9.118	1.71%	93.34%
1.5	9.381		
1.5	9.381	1.19%	94.53%
1.3	9.587		
1.3	9.587	1.25%	95.78%
1.1	9.828		
1.1	9.828	1.30%	97.08%
0.9	10.118		
< 0,900	> 10,118	2.92%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 50
Livello (cm)	(50-75)
Peso totale (g)	33.8
Frazione > 63 µm (%)	26.6
Frazione < 63 µm (%)	73.4

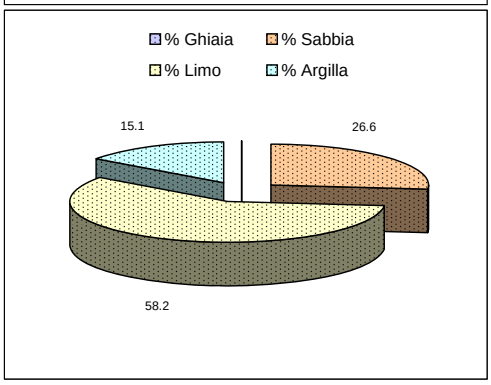
Frazione grossolana (> 63 µm) = 26.6	
% Ghiaia	% Sabbia
0.0	26.6

Frazione pelitica (< 63 µm) = 73.4	
% Limo	% Argilla
58.2	15.1

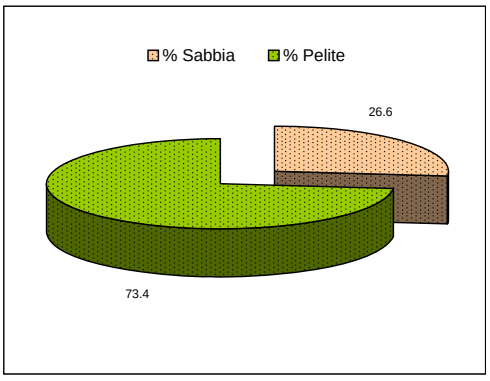
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.604
Deviazione Standard	2.279
Asimmetria (Skewness)	-0.018
Appuntimento (Kurtosis)	0.954
Mediana (Φ)	5.678
Moda (Φ)	6.000

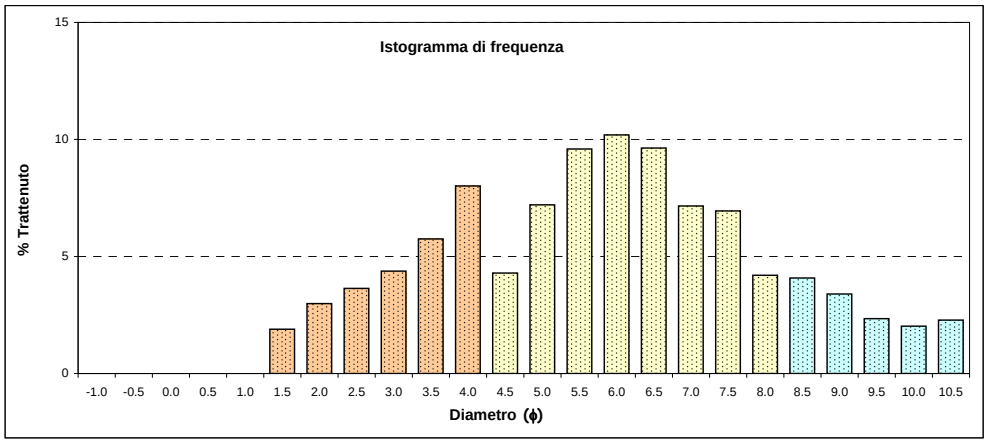
Percentili (Φ)	
5	2.015
16	3.258
25	3.893
50	5.678
75	7.079
84	7.876
95	9.436

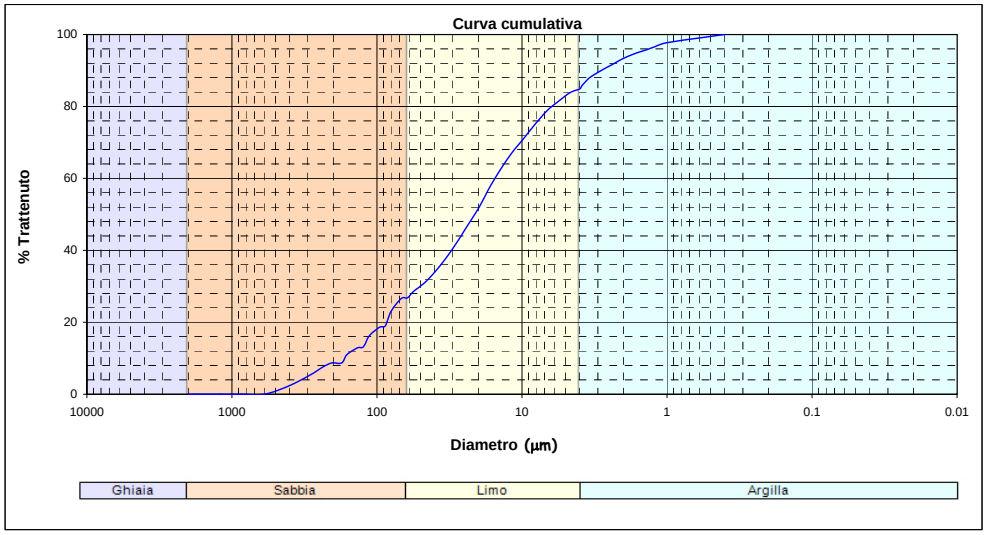
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.89%	1.89%
353.55	1.5		
353.55	1.5	2.98%	4.88%
250	2		
250	2	3.63%	8.51%
176.78	2.5		
176.78	2.5	0.15%	8.66%
175	2.515		
175	2.515	2.36%	11.03%
147	2.766		
147	2.766	1.86%	12.88%
125	3		
125	3	0.30%	13.19%
123	3.023		
123	3.023	3.05%	16.24%
103	3.279		
103	3.279	2.40%	18.64%
88.39	3.5		
88.39	3.5	0.37%	19.00%
87	3.523		
87	3.523	4.06%	23.06%
73	3.776		
73	3.776	3.58%	26.65%
62.5	4		
62.5	4	0.14%	26.79%
61	4.035		
61	4.035	1.77%	28.56%
51	4.293		
51	4.293	2.38%	30.94%
43	4.54		
43	4.54	3.21%	34.15%
36	4.796		
36	4.796	3.99%	38.14%
30	5.059		
30	5.059	4.64%	42.79%
25	5.322		
25	5.322	4.95%	47.74%
21	5.573		
21	5.573	4.64%	52.38%
18	5.796		
18	5.796	5.55%	57.93%
15	6.059		
15	6.059	5.20%	63.13%
12.5	6.322		
12.5	6.322	4.43%	67.56%
10.5	6.573		
10.5	6.573	3.47%	71.03%
9	6.796		
9	6.796	3.69%	74.72%
7.5	7.059		
7.5	7.059	4.03%	78.74%
6	7.381		
6	7.381	2.92%	81.67%
5	7.644		
5	7.644	2.19%	83.86%
4.3	7.861		
4.3	7.861	1.00%	84.86%
4	7.966		
4	7.966	1.00%	85.87%
3.7	8.078		
3.7	8.078	2.16%	88.02%
3.1	8.334		
3.1	8.334	1.93%	89.95%
2.6	8.587		
2.6	8.587	1.64%	91.59%
2.2	8.828		
2.2	8.828	1.75%	93.34%
1.8	9.118		
1.8	9.118	1.38%	94.73%
1.5	9.381		
1.5	9.381	0.96%	95.69%
1.3	9.587		
1.3	9.587	1.00%	96.69%
1.1	9.828		
1.1	9.828	1.03%	97.72%
0.9	10.118		
< 0,900	> 10,118	2.28%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 50
Livello (cm)	(75-100)
Peso totale (g)	73.2
Frazione > 63 μm (%)	11.9
Frazione < 63 μm (%)	88.1

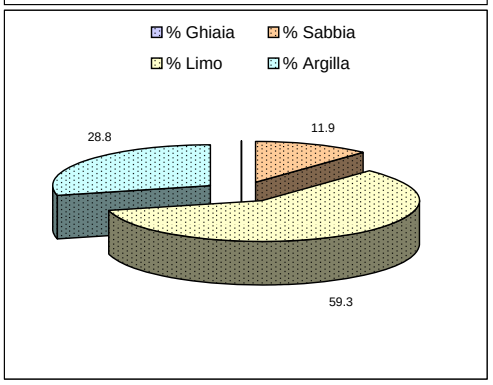
Frazione grossolana (> 63 μm) = 11.9	
% Ghiaia	% Sabbia
0.0	11.9

Frazione pelitica (< 63 μm) = 88.1	
% Limo	% Argilla
59.3	28.8

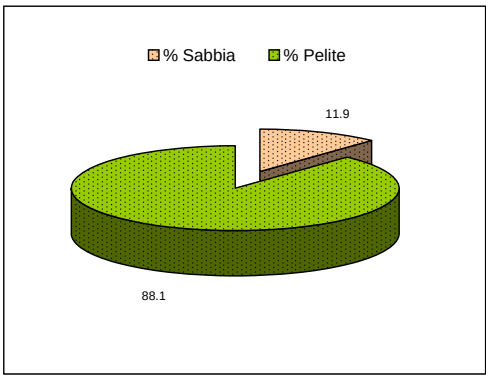
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.775
Deviazione Standard	2.164
Asimmetria (Skewness)	-0.073
Appuntimento (Kurtosis)	1.082
Mediana (Φ)	6.800
Moda (Φ)	7.500

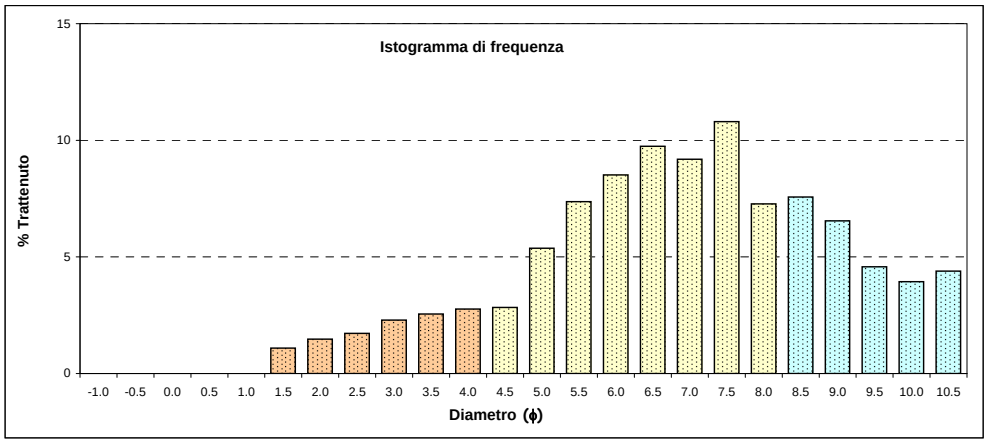
Percentili (Φ)	
5	2.638
16	4.672
25	5.406
50	6.800
75	8.203
84	8.851
95	10.023

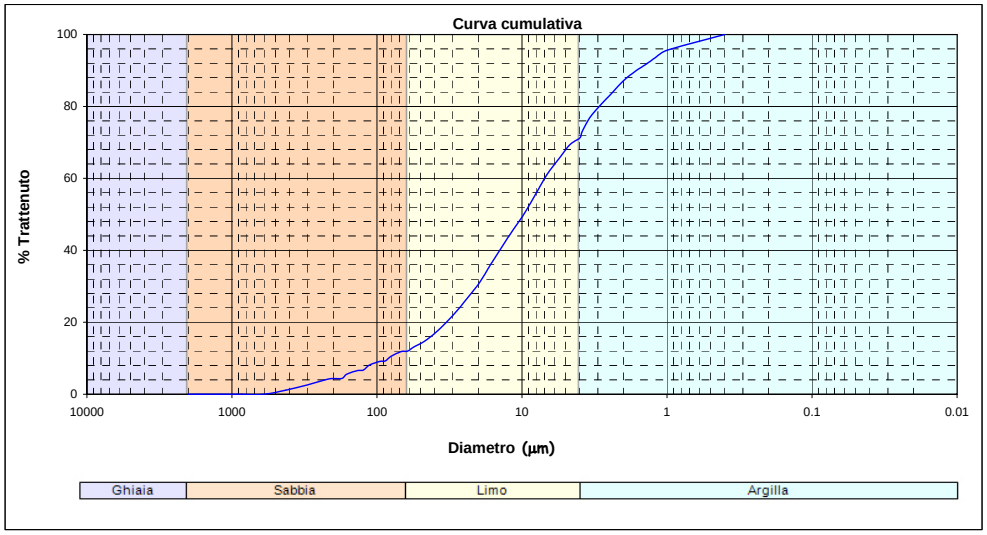
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.09%	1.09%
353.55	1.5		
353.55	1.5	1.47%	2.57%
250	2		
250	2	1.72%	4.29%
176.78	2.5		
176.78	2.5	0.08%	4.36%
175	2.515		
175	2.515	1.24%	5.60%
147	2.766		
147	2.766	0.97%	6.58%
125	3		
125	3	0.14%	6.72%
123	3.023		
123	3.023	1.39%	8.11%
103	3.279		
103	3.279	1.02%	9.13%
88.39	3.5		
88.39	3.5	0.11%	9.24%
87	3.523		
87	3.523	1.30%	10.55%
73	3.776		
73	3.776	1.35%	11.90%
62.5	4		
62.5	4	0.07%	11.97%
61	4.035		
61	4.035	1.11%	13.08%
51	4.293		
51	4.293	1.65%	14.73%
43	4.54		
43	4.54	2.36%	17.09%
36	4.796		
36	4.796	3.01%	20.10%
30	5.059		
30	5.059	3.54%	23.64%
25	5.322		
25	5.322	3.83%	27.47%
21	5.573		
21	5.573	3.72%	31.19%
18	5.796		
18	5.796	4.79%	35.98%
15	6.059		
15	6.059	4.98%	40.96%
12.5	6.322		
12.5	6.322	4.76%	45.72%
10.5	6.573		
10.5	6.573	4.19%	49.91%
9	6.796		
9	6.796	5.00%	54.91%
7.5	7.059		
7.5	7.059	6.07%	60.98%
6	7.381		
6	7.381	4.73%	65.71%
5	7.644		
5	7.644	3.73%	69.44%
4.3	7.861		
4.3	7.861	1.77%	71.21%
4	7.966		
4	7.966	1.77%	72.99%
3.7	8.078		
3.7	8.078	3.94%	76.93%
3.1	8.334		
3.1	8.334	3.63%	80.56%
2.6	8.587		
2.6	8.587	3.15%	83.71%
2.2	8.828		
2.2	8.828	3.39%	87.10%
1.8	9.118		
1.8	9.118	2.70%	89.80%
1.5	9.381		
1.5	9.381	1.87%	91.67%
1.3	9.587		
1.3	9.587	1.94%	93.61%
1.1	9.828		
1.1	9.828	2.00%	95.61%
0.9	10.118		
< 0,900	> 10,118	4.39%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 50
Livello (cm)	(100-125)
Peso totale (g)	49.6
Frazione > 63 μm (%)	12.2
Frazione < 63 μm (%)	87.8

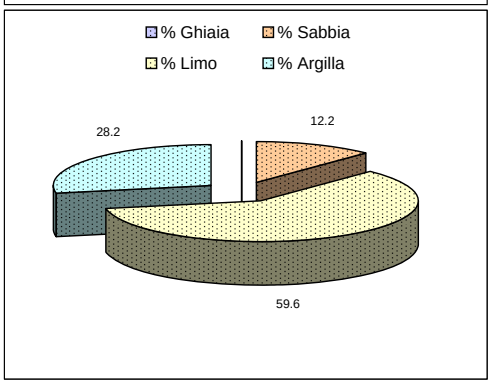
Frazione grossolana (> 63 μm) = 12.2	
% Ghiaia	% Sabbia
0.0	12.2

Frazione pelitica (< 63 μm) = 87.8	
% Limo	% Argilla
59.6	28.2

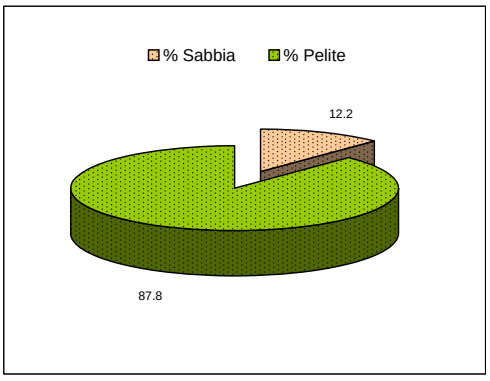
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.713
Deviazione Standard	2.199
Asimmetria (Skewness)	-0.062
Appuntimento (Kurtosis)	1.062
Mediana (Φ)	6.732
Moda (Φ)	7.500

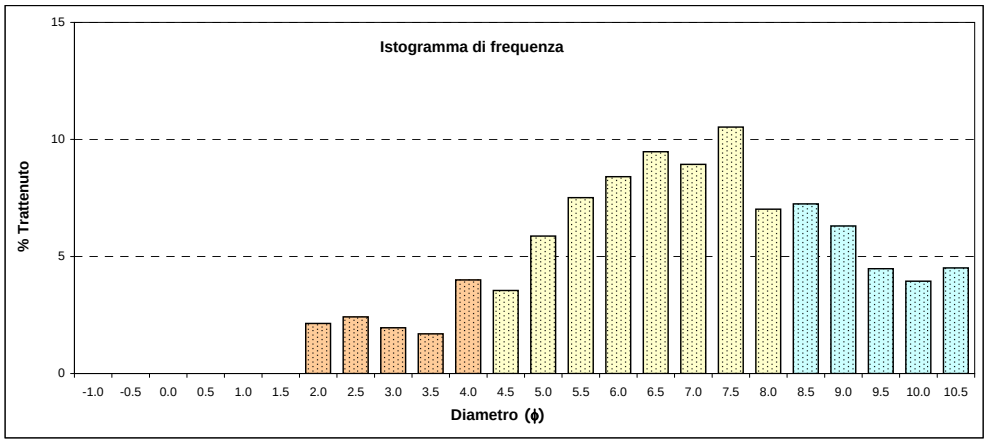
Percentili (Φ)	
5	2.599
16	4.561
25	5.300
50	6.732
75	8.173
84	8.846
95	10.042

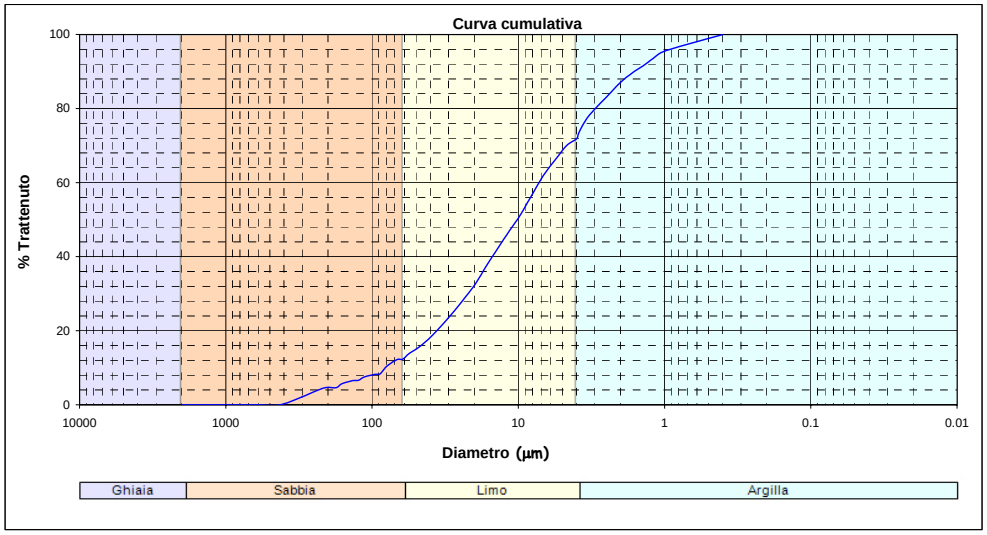
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.14%	2.14%
250	2		
250	2	2.42%	4.56%
176.78	2.5		
176.78	2.5	0.07%	4.62%
175	2.515		
175	2.515	1.06%	5.68%
147	2.766		
147	2.766	0.83%	6.51%
125	3		
125	3	0.09%	6.60%
123	3.023		
123	3.023	0.93%	7.53%
103	3.279		
103	3.279	0.68%	8.21%
88.39	3.5		
88.39	3.5	0.16%	8.36%
87	3.523		
87	3.523	1.90%	10.27%
73	3.776		
73	3.776	1.94%	12.21%
62.5	4		
62.5	4	0.11%	12.31%
61	4.035		
61	4.035	1.46%	13.78%
51	4.293		
51	4.293	1.98%	15.76%
43	4.54		
43	4.54	2.65%	18.41%
36	4.796		
36	4.796	3.22%	21.63%
30	5.059		
30	5.059	3.65%	25.28%
25	5.322		
25	5.322	3.86%	29.15%
21	5.573		
21	5.573	3.70%	32.85%
18	5.796		
18	5.796	4.71%	37.55%
15	6.059		
15	6.059	4.85%	42.40%
12.5	6.322		
12.5	6.322	4.63%	47.03%
10.5	6.573		
10.5	6.573	4.07%	51.10%
9	6.796		
9	6.796	4.87%	55.97%
7.5	7.059		
7.5	7.059	5.92%	61.89%
6	7.381		
6	7.381	4.60%	66.49%
5	7.644		
5	7.644	3.61%	70.10%
4.3	7.861		
4.3	7.861	1.71%	71.81%
4	7.966		
4	7.966	1.71%	73.51%
3.7	8.078		
3.7	8.078	3.78%	77.29%
3.1	8.334		
3.1	8.334	3.47%	80.76%
2.6	8.587		
2.6	8.587	3.02%	83.79%
2.2	8.828		
2.2	8.828	3.28%	87.06%
1.8	9.118		
1.8	9.118	2.63%	89.70%
1.5	9.381		
1.5	9.381	1.85%	91.54%
1.3	9.587		
1.3	9.587	1.93%	93.47%
1.1	9.828		
1.1	9.828	2.01%	95.49%
0.9	10.118		
< 0,900	> 10,118	4.51%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 50**
Livello (cm)	**(125-150)**
Peso totale (g)	72.2
Frazione > 63 μm (%)	65.9
Frazione < 63 μm (%)	34.1

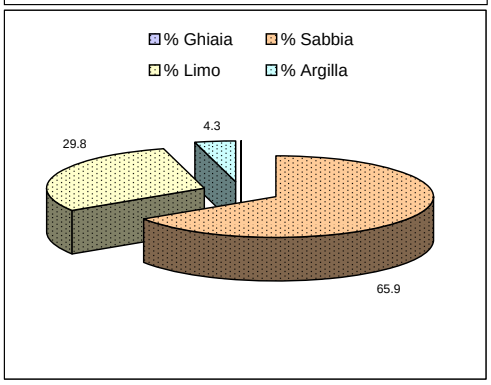
Frazione grossolana (> 63 μm) =	**65.9**
% Ghiaia	**% Sabbia**
0.0	**65.9**

Frazione pelitica (< 63 μm) =	**34.1**
% Limo	**% Argilla**
29.8	**4.3**

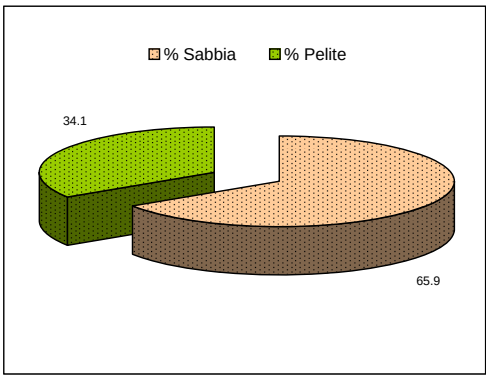
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.794
Deviazione Standard	1.909
Asimmetria (Skewness)	0.314
Appuntimento (Kurtosis)	0.947
Mediana (Φ)	3.463
Moda (Φ)	4.000

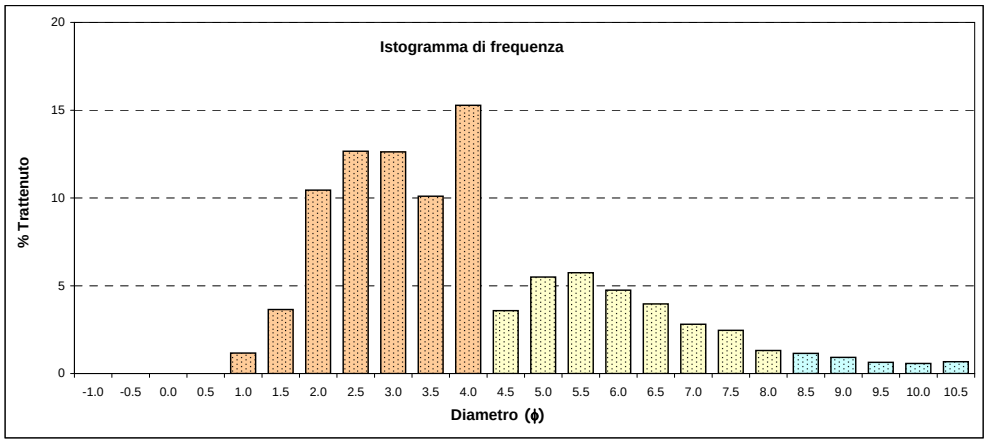
Percentili (Φ)	
5	1.508
16	2.025
25	2.369
50	3.463
75	5.059
84	5.894
95	7.724

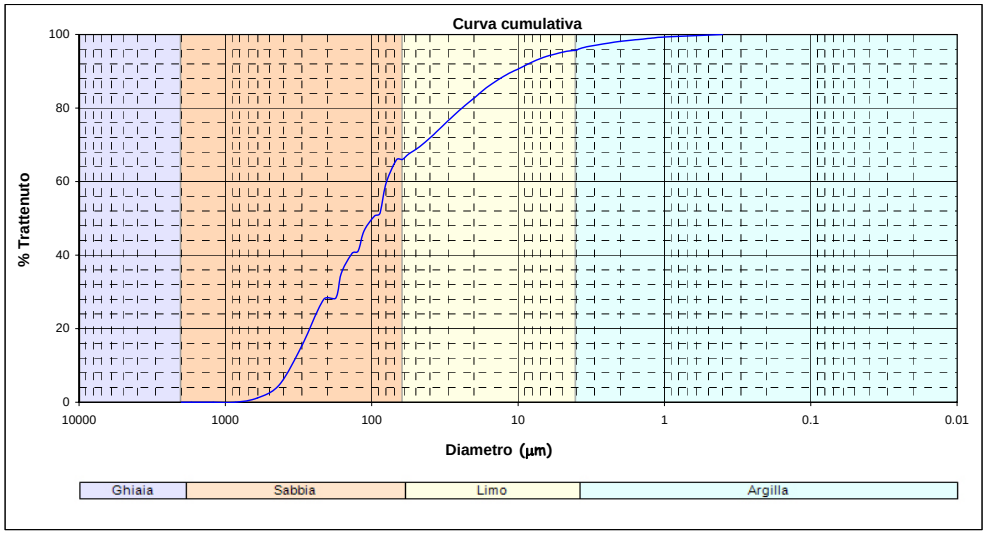
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.16%	1.16%
500	1		
500	1	3.64%	4.81%
353.55	1.5		
353.55	1.5	10.44%	15.25%
250	2		
250	2	12.66%	27.91%
176.78	2.5		
176.78	2.5	0.43%	28.34%
175	2.515		
175	2.515	6.81%	35.15%
147	2.766		
147	2.766	5.38%	40.53%
125	3		
125	3	0.54%	41.08%
123	3.023		
123	3.023	5.47%	46.55%
103	3.279		
103	3.279	4.09%	50.64%
88.39	3.5		
88.39	3.5	0.77%	51.41%
87	3.523		
87	3.523	8.03%	59.43%
73	3.776		
73	3.776	6.48%	65.92%
62.5	4		
62.5	4	0.11%	66.03%
61	4.035		
61	4.035	1.48%	67.51%
51	4.293		
51	4.293	1.99%	69.50%
43	4.54		
43	4.54	2.57%	72.07%
36	4.796		
36	4.796	2.93%	75.00%
30	5.059		
30	5.059	2.99%	77.98%
25	5.322		
25	5.322	2.76%	80.74%
21	5.573		
21	5.573	2.28%	83.02%
18	5.796		
18	5.796	2.47%	85.49%
15	6.059		
15	6.059	2.17%	87.66%
12.5	6.322		
12.5	6.322	1.80%	89.45%
10.5	6.573		
10.5	6.573	1.38%	90.84%
9	6.796		
9	6.796	1.43%	92.26%
7.5	7.059		
7.5	7.059	1.47%	93.73%
6	7.381		
6	7.381	1.00%	94.73%
5	7.644		
5	7.644	0.70%	95.43%
4.3	7.861		
4.3	7.861	0.30%	95.73%
4	7.966		
4	7.966	0.30%	96.04%
3.7	8.078		
3.7	8.078	0.62%	96.66%
3.1	8.334		
3.1	8.334	0.53%	97.19%
2.6	8.587		
2.6	8.587	0.45%	97.64%
2.2	8.828		
2.2	8.828	0.47%	98.11%
1.8	9.118		
1.8	9.118	0.38%	98.49%
1.5	9.381		
1.5	9.381	0.26%	98.75%
1.3	9.587		
1.3	9.587	0.28%	99.03%
1.1	9.828		
1.1	9.828	0.29%	99.32%
0.9	10.118		
< 0,900	> 10,118	0.68%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 50
Livello (cm)	(150-175)
Peso totale (g)	135.3
Frazione > 63 μm (%)	96.9
Frazione < 63 μm (%)	3.1

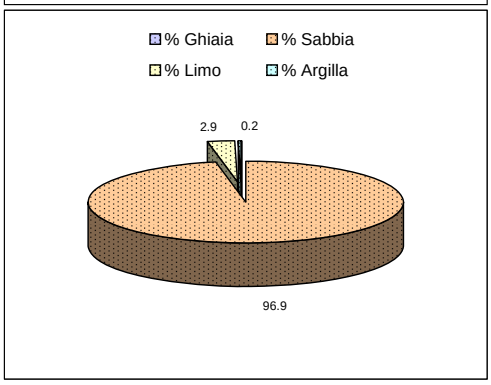
Frazione grossolana (> 63 μm) = 96.9	
% Ghiaia	% Sabbia
0.0	96.9

Frazione pelitica (< 63 μm) = 3.1	
% Limo	% Argilla
2.9	0.2

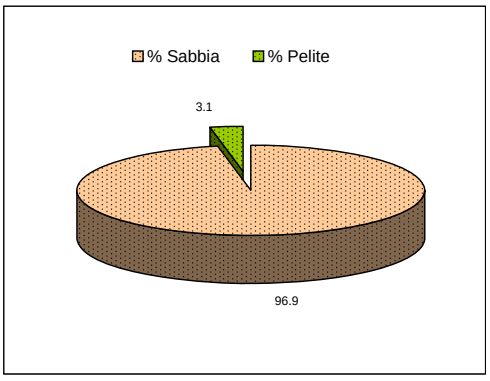
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.214
Deviazione Standard	0.710
Asimmetria (Skewness)	0.138
Appuntimento (Kurtosis)	1.121
Mediana (Φ)	2.176
Moda (Φ)	2.500

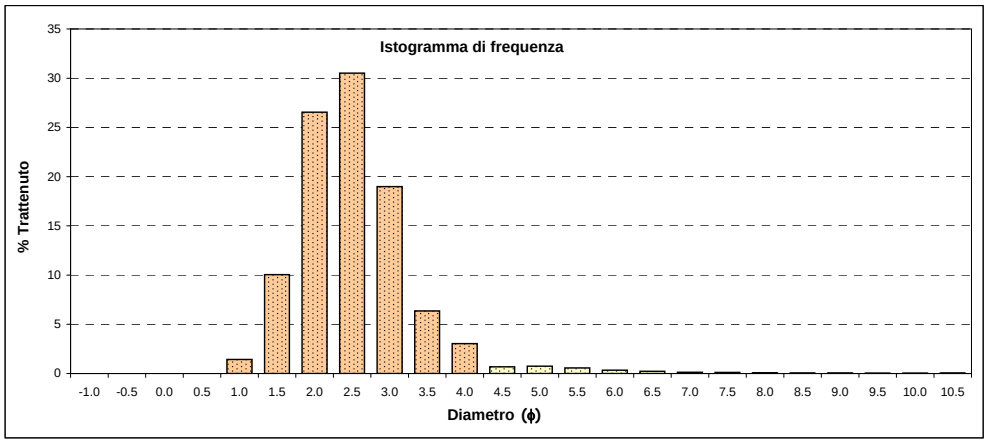
Percentili (Φ)	
5	1.158
16	1.574
25	1.733
50	2.176
75	2.652
84	2.893
95	3.670

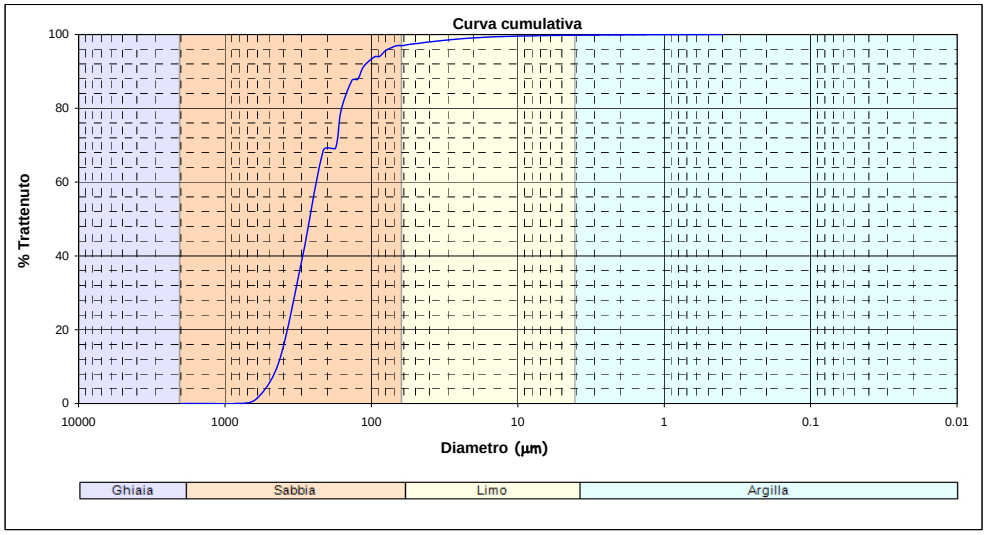
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.43%	1.43%
500	1		
500	1	10.05%	11.48%
353.55	1.5		
353.55	1.5	26.54%	38.03%
250	2		
250	2	30.51%	68.54%
176.78	2.5		
176.78	2.5	0.65%	69.19%
175	2.515		
175	2.515	10.27%	79.46%
147	2.766		
147	2.766	8.08%	87.53%
125	3		
125	3	0.34%	87.88%
123	3.023		
123	3.023	3.46%	91.33%
103	3.279		
103	3.279	2.56%	93.89%
88.39	3.5		
88.39	3.5	0.15%	94.04%
87	3.523		
87	3.523	1.59%	95.63%
73	3.776		
73	3.776	1.29%	96.92%
62.5	4		
62.5	4	0.03%	96.95%
61	4.035		
61	4.035	0.30%	97.26%
51	4.293		
51	4.293	0.35%	97.60%
43	4.54		
43	4.54	0.38%	97.99%
36	4.796		
36	4.796	0.37%	98.35%
30	5.059		
30	5.059	0.32%	98.67%
25	5.322		
25	5.322	0.25%	98.92%
21	5.573		
21	5.573	0.18%	99.10%
18	5.796		
18	5.796	0.17%	99.26%
15	6.059		
15	6.059	0.13%	99.39%
12.5	6.322		
12.5	6.322	0.10%	99.49%
10.5	6.573		
10.5	6.573	0.07%	99.56%
9	6.796		
9	6.796	0.07%	99.62%
7.5	7.059		
7.5	7.059	0.07%	99.69%
6	7.381		
6	7.381	0.05%	99.74%
5	7.644		
5	7.644	0.03%	99.77%
4.3	7.861		
4.3	7.861	0.01%	99.78%
4	7.966		
4	7.966	0.01%	99.79%
3.7	8.078		
3.7	8.078	0.03%	99.82%
3.1	8.334		
3.1	8.334	0.02%	99.85%
2.6	8.587		
2.6	8.587	0.02%	99.87%
2.2	8.828		
2.2	8.828	0.02%	99.89%
1.8	9.118		
1.8	9.118	0.02%	99.91%
1.5	9.381		
1.5	9.381	0.01%	99.92%
1.3	9.587		
1.3	9.587	0.02%	99.94%
1.1	9.828		
1.1	9.828	0.02%	99.96%
0.9	10.118		
< 0,900	> 10,118	0.04%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 50
Livello (cm)	(175-200)
Peso totale (g)	164.8
Frazione > 63 μm (%)	89.8
Frazione < 63 μm (%)	10.2

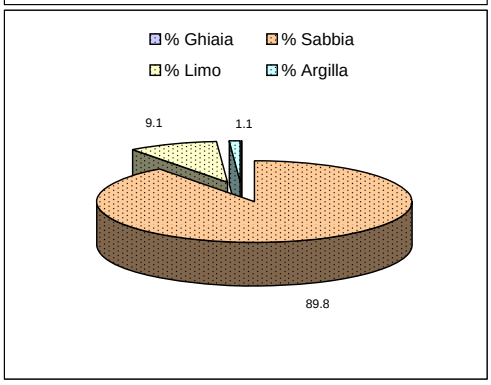
Frazione grossolana (> 63 μm) = 89.8	
% Ghiaia	% Sabbia
0.0	89.8

Frazione pelitica (< 63 μm) = 10.2	
% Limo	% Argilla
9.1	1.1

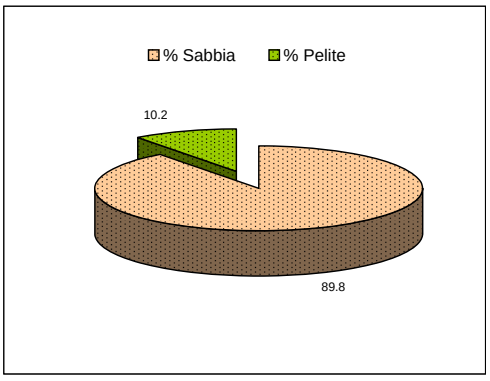
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.325
Deviazione Standard	1.199
Asimmetria (Skewness)	0.347
Appuntimento (Kurtosis)	1.549
Mediana (Φ)	2.176
Moda (Φ)	2.500

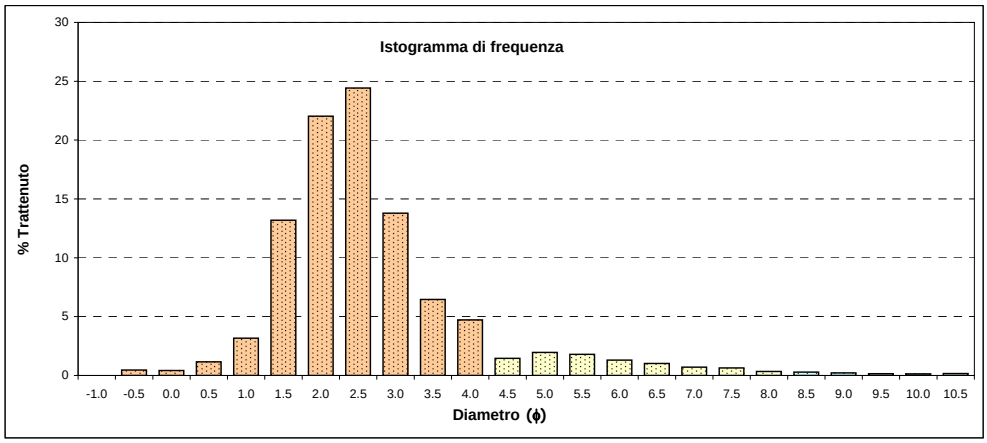
Percentili (Φ)	
5	0.961
16	1.395
25	1.632
50	2.176
75	2.850
84	3.403
95	5.563

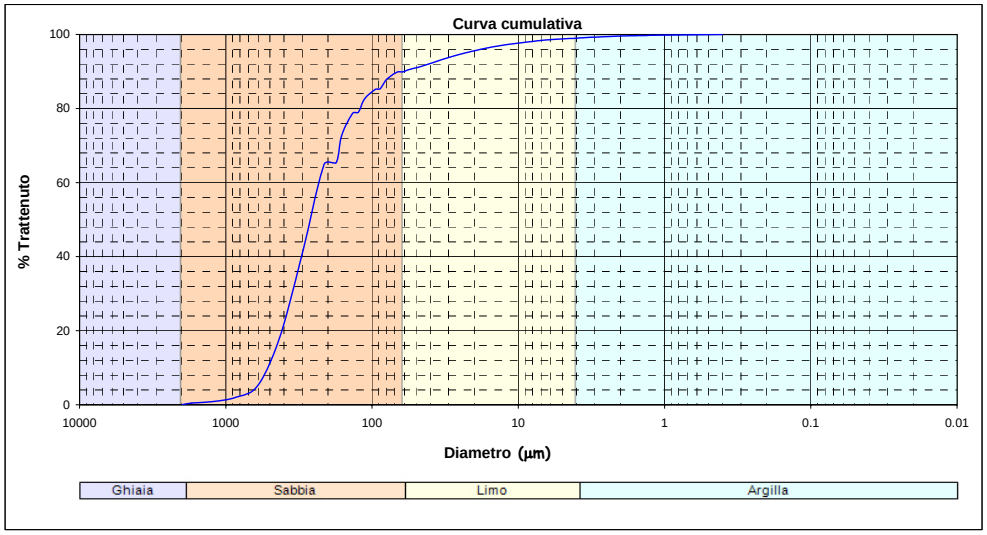
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.46%	0.46%
1414.21	-0.5		
1414.21	-0.5	0.43%	0.89%
1000	0		
1000	0	1.16%	2.05%
707.11	0.5		
707.11	0.5	3.17%	5.21%
500	1		
500	1	13.19%	18.40%
353.55	1.5		
353.55	1.5	22.03%	40.43%
250	2		
250	2	24.43%	64.86%
176.78	2.5		
176.78	2.5	0.47%	65.33%
175	2.515		
175	2.515	7.45%	72.78%
147	2.766		
147	2.766	5.86%	78.64%
125	3		
125	3	0.35%	78.99%
123	3.023		
123	3.023	3.51%	82.50%
103	3.279		
103	3.279	2.60%	85.10%
88.39	3.5		
88.39	3.5	0.23%	85.33%
87	3.523		
87	3.523	2.45%	87.78%
73	3.776		
73	3.776	2.04%	89.82%
62.5	4		
62.5	4	0.05%	89.87%
61	4.035		
61	4.035	0.62%	90.49%
51	4.293		
51	4.293	0.79%	91.28%
43	4.54		
43	4.54	0.95%	92.23%
36	4.796		
36	4.796	1.01%	93.24%
30	5.059		
30	5.059	0.96%	94.20%
25	5.322		
25	5.322	0.83%	95.03%
21	5.573		
21	5.573	0.64%	95.68%
18	5.796		
18	5.796	0.66%	96.34%
15	6.059		
15	6.059	0.56%	96.90%
12.5	6.322		
12.5	6.322	0.46%	97.36%
10.5	6.573		
10.5	6.573	0.35%	97.71%
9	6.796		
9	6.796	0.36%	98.07%
7.5	7.059		
7.5	7.059	0.38%	98.45%
6	7.381		
6	7.381	0.26%	98.70%
5	7.644		
5	7.644	0.18%	98.88%
4.3	7.861		
4.3	7.861	0.08%	98.96%
4	7.966		
4	7.966	0.08%	99.04%
3.7	8.078		
3.7	8.078	0.16%	99.19%
3.1	8.334		
3.1	8.334	0.13%	99.33%
2.6	8.587		
2.6	8.587	0.11%	99.43%
2.2	8.828		
2.2	8.828	0.11%	99.55%
1.8	9.118		
1.8	9.118	0.09%	99.64%
1.5	9.381		
1.5	9.381	0.06%	99.70%
1.3	9.587		
1.3	9.587	0.07%	99.77%
1.1	9.828		
1.1	9.828	0.07%	99.84%
0.9	10.118		
< 0,900	> 10,118	0.16%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 51
Livello (cm)	(0-25)
Peso totale (g)	16.2
Frazione > 63 μm (%)	17.5
Frazione < 63 μm (%)	82.5

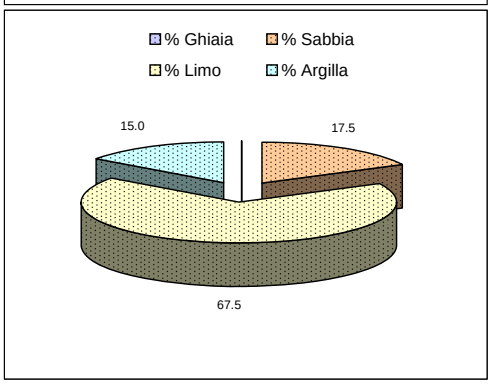
Frazione grossolana (> 63 μm) = 17.5	
% Ghiaia	% Sabbia
0.0	17.5

Frazione pelitica (< 63 μm) = 82.5	
% Limo	% Argilla
67.5	15.0

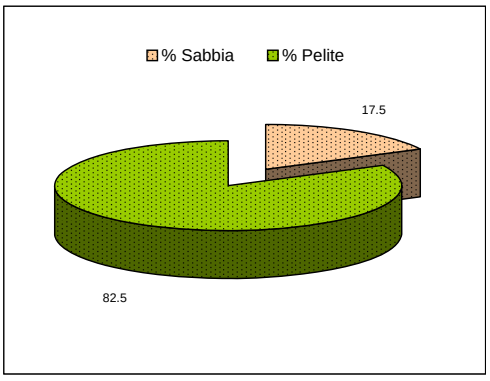
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.826
Deviazione Standard	1.953
Asimmetria (Skewness)	0.143
Appuntimento (Kurtosis)	1.095
Mediana (Φ)	5.709
Moda (Φ)	5.500

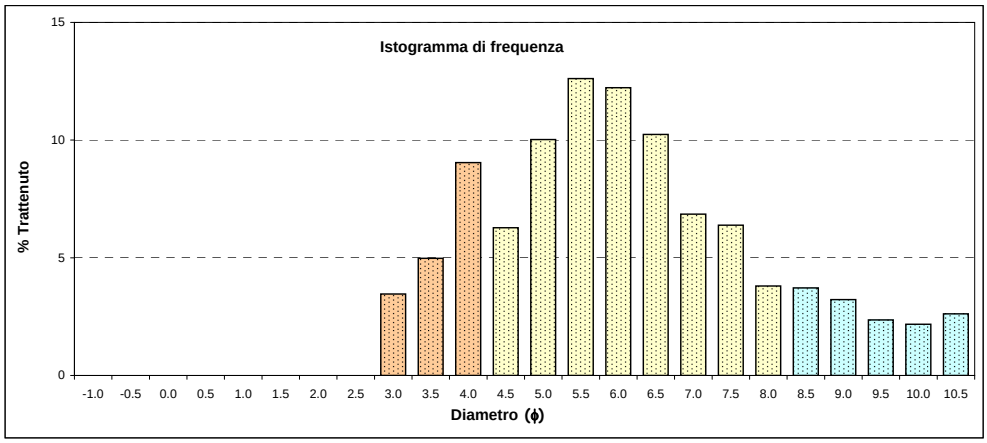
Percentili (Φ)	
5	3.142
16	3.917
25	4.606
50	5.709
75	7.001
84	7.851
95	9.542

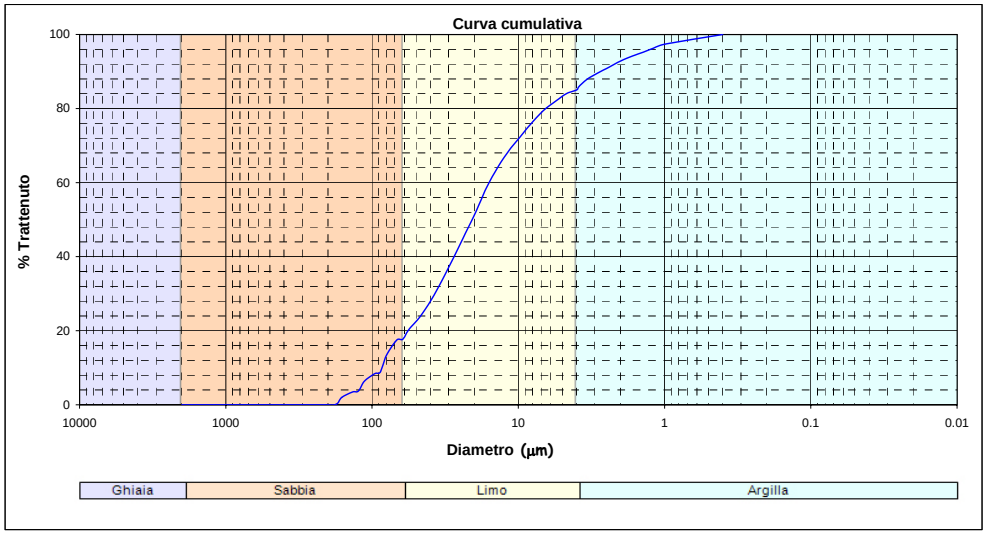
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.12%	0.12%
175	2.515		
175	2.515	1.87%	1.99%
147	2.766		
147	2.766	1.47%	3.46%
125	3		
125	3	0.26%	3.72%
123	3.023		
123	3.023	2.63%	6.36%
103	3.279		
103	3.279	2.08%	8.44%
88.39	3.5		
88.39	3.5	0.38%	8.82%
87	3.523		
87	3.523	4.46%	13.27%
73	3.776		
73	3.776	4.21%	17.48%
62.5	4		
62.5	4	0.21%	17.69%
61	4.035		
61	4.035	2.63%	20.32%
51	4.293		
51	4.293	3.44%	23.76%
43	4.54		
43	4.54	4.52%	28.28%
36	4.796		
36	4.796	5.50%	33.78%
30	5.059		
30	5.059	6.22%	40.00%
25	5.322		
25	5.322	6.39%	46.39%
21	5.573		
21	5.573	5.74%	52.13%
18	5.796		
18	5.796	6.49%	58.62%
15	6.059		
15	6.059	5.69%	64.31%
12.5	6.322		
12.5	6.322	4.55%	68.86%
10.5	6.573		
10.5	6.573	3.39%	72.25%
9	6.796		
9	6.796	3.47%	75.72%
7.5	7.059		
7.5	7.059	3.72%	79.43%
6	7.381		
6	7.381	2.67%	82.10%
5	7.644		
5	7.644	1.99%	84.09%
4.3	7.861		
4.3	7.861	0.91%	84.99%
4	7.966		
4	7.966	0.91%	85.90%
3.7	8.078		
3.7	8.078	1.95%	87.85%
3.1	8.334		
3.1	8.334	1.77%	89.61%
2.6	8.587		
2.6	8.587	1.54%	91.15%
2.2	8.828		
2.2	8.828	1.69%	92.84%
1.8	9.118		
1.8	9.118	1.38%	94.22%
1.5	9.381		
1.5	9.381	0.98%	95.20%
1.3	9.587		
1.3	9.587	1.05%	96.25%
1.1	9.828		
1.1	9.828	1.13%	97.38%
0.9	10.118		
< 0,900	> 10,118	2.62%	100.00%

ISPRA
Istituto Superiore per la Protezione e la Ricerca Ambientale

Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 51**
Livello (cm)	**(25-50)**
Peso totale (g)	16.7
Frazione > 63 μm (%)	34.5
Frazione < 63 μm (%)	65.5

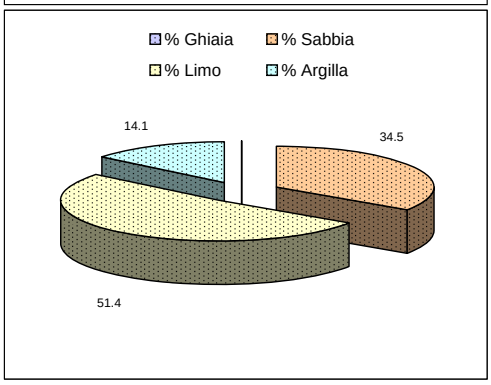
Frazione grossolana (> 63 μm) = 34.5	
% Ghiaia	**% Sabbia**
0.0	**34.5**

Frazione pelitica (< 63 μm) = 65.5	
% Limo	**% Argilla**
51.4	**14.1**

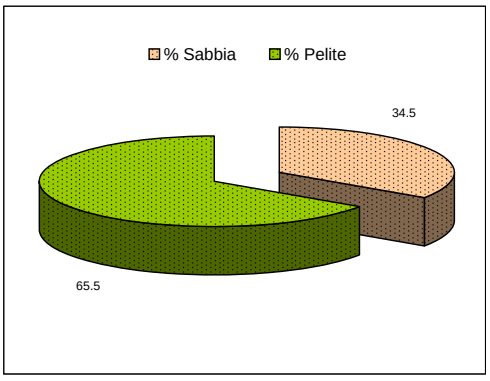
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.367
Deviazione Standard	2.335
Asimmetria (Skewness)	-0.011
Appuntimento (Kurtosis)	0.824
Mediana (Φ)	5.495
Moda (Φ)	6.000

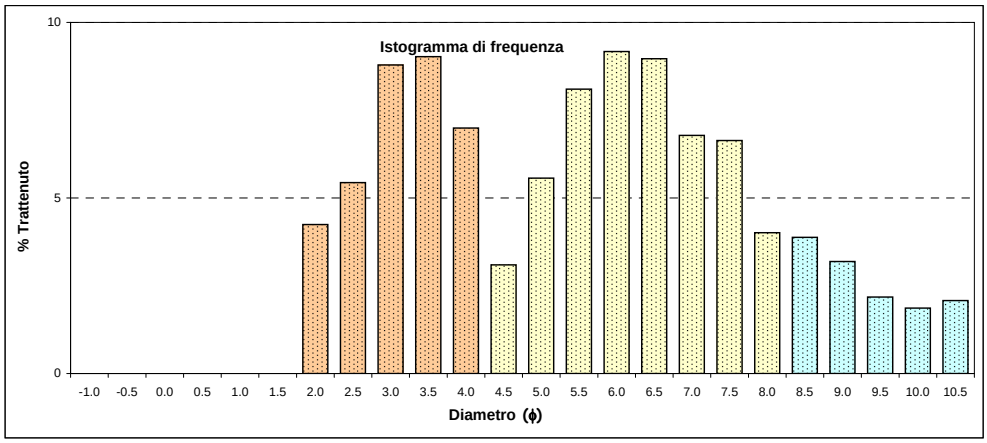
Percentili (Φ)	
5	2.060
16	2.841
25	3.344
50	5.495
75	6.966
84	7.765
95	9.344

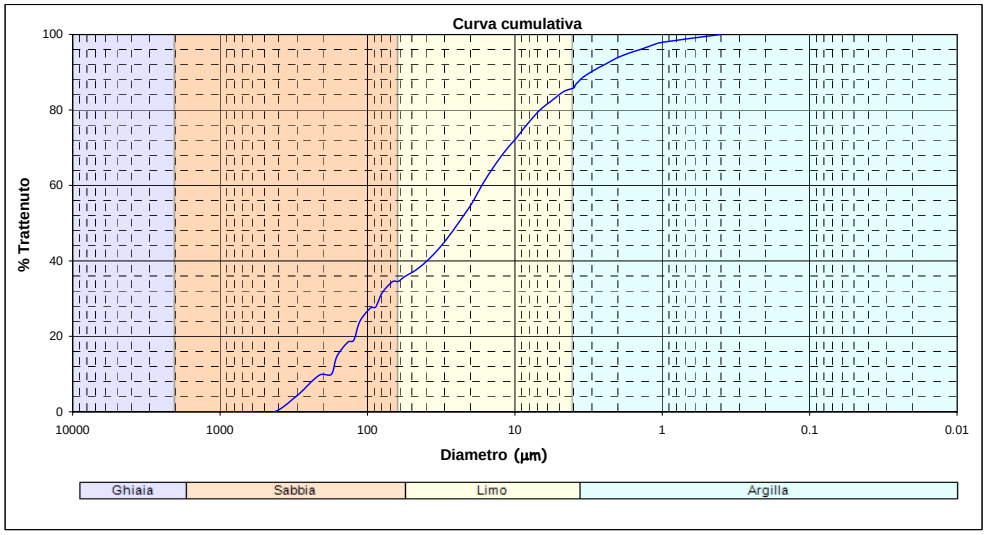
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.24%	4.24%
250	2		
250	2	5.44%	9.68%
176.78	2.5		
176.78	2.5	0.30%	9.98%
175	2.515		
175	2.515	4.75%	14.74%
147	2.766		
147	2.766	3.73%	18.47%
125	3		
125	3	0.49%	18.96%
123	3.023		
123	3.023	4.93%	23.89%
103	3.279		
103	3.279	3.60%	27.49%
88.39	3.5		
88.39	3.5	0.32%	27.82%
87	3.523		
87	3.523	3.56%	31.38%
73	3.776		
73	3.776	3.10%	34.48%
62.5	4		
62.5	4	0.09%	34.58%
61	4.035		
61	4.035	1.26%	35.84%
51	4.293		
51	4.293	1.74%	37.58%
43	4.54		
43	4.54	2.42%	40.00%
36	4.796		
36	4.796	3.15%	43.15%
30	5.059		
30	5.059	3.84%	46.98%
25	5.322		
25	5.322	4.26%	51.24%
21	5.573		
21	5.573	4.12%	55.36%
18	5.796		
18	5.796	5.05%	60.41%
15	6.059		
15	6.059	4.81%	65.23%
12.5	6.322		
12.5	6.322	4.15%	69.38%
10.5	6.573		
10.5	6.573	3.28%	72.66%
9	6.796		
9	6.796	3.50%	76.16%
7.5	7.059		
7.5	7.059	3.84%	80.01%
6	7.381		
6	7.381	2.79%	82.80%
5	7.644		
5	7.644	2.10%	84.89%
4.3	7.861		
4.3	7.861	0.96%	85.85%
4	7.966		
4	7.966	0.96%	86.81%
3.7	8.078		
3.7	8.078	2.05%	88.86%
3.1	8.334		
3.1	8.334	1.83%	90.69%
2.6	8.587		
2.6	8.587	1.55%	92.24%
2.2	8.828		
2.2	8.828	1.64%	93.88%
1.8	9.118		
1.8	9.118	1.29%	95.16%
1.5	9.381		
1.5	9.381	0.89%	96.05%
1.3	9.587		
1.3	9.587	0.92%	96.97%
1.1	9.828		
1.1	9.828	0.95%	97.92%
0.9	10.118		
< 0,900	> 10,118	2.08%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 51
Livello (cm)	(50-75)
Peso totale (g)	87.6
Frazione > 63 µm (%)	13.3
Frazione < 63 µm (%)	86.7

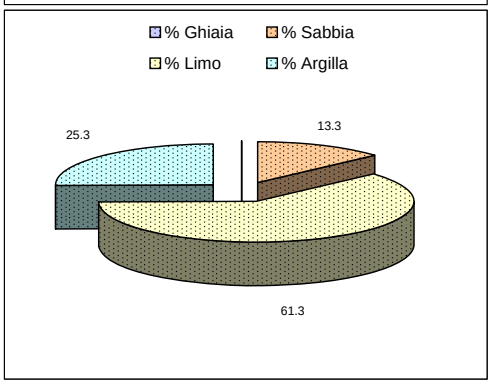
Frazione grossolana (> 63 µm) = 13.3	
% Ghiaia	% Sabbia
0.0	13.3

Frazione pelitica (< 63 µm) = 86.7	
% Limo	% Argilla
61.3	25.3

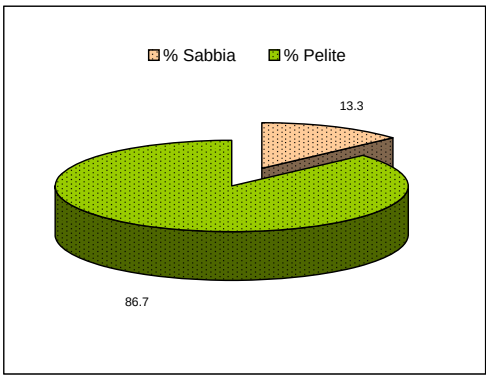
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.538
Deviazione Standard	2.201
Asimmetria (Skewness)	-0.084
Appuntimento (Kurtosis)	1.084
Mediana (Φ)	6.593
Moda (Φ)	7.500

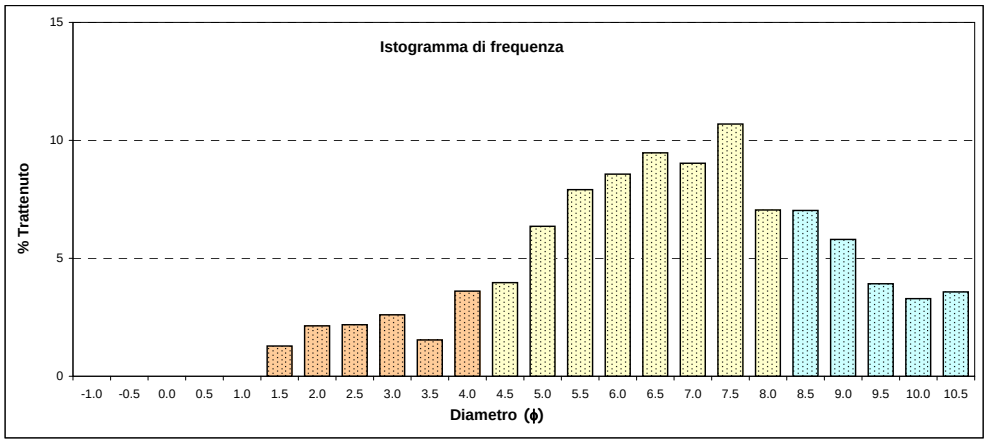
Percentili (Φ)	
5	2.345
16	4.387
25	5.144
50	6.593
75	7.986
84	8.634
95	9.865

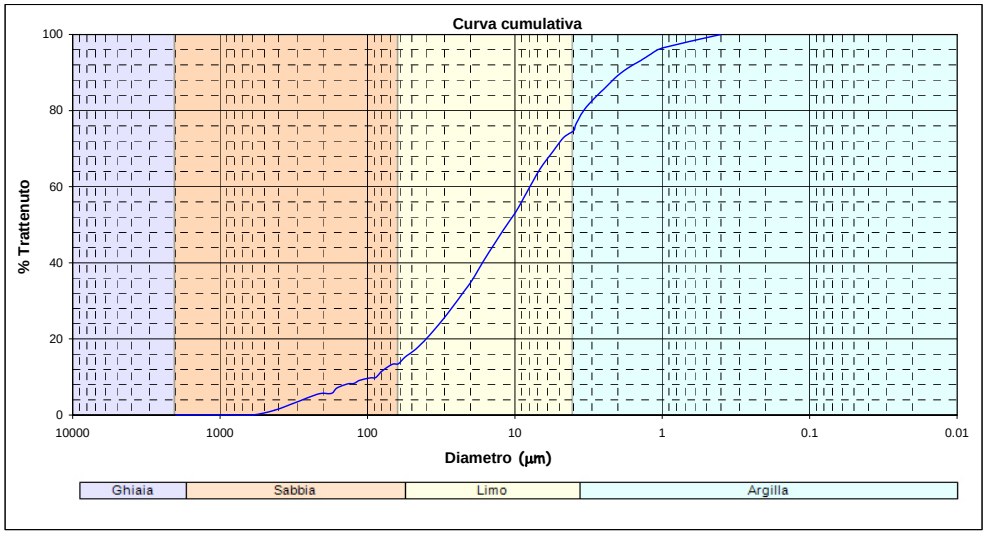
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.28%	1.28%
353.55	1.5		
353.55	1.5	2.14%	3.41%
250	2		
250	2	2.18%	5.60%
176.78	2.5		
176.78	2.5	0.09%	5.68%
175	2.515		
175	2.515	1.41%	7.09%
147	2.766		
147	2.766	1.11%	8.20%
125	3		
125	3	0.08%	8.28%
123	3.023		
123	3.023	0.84%	9.12%
103	3.279		
103	3.279	0.62%	9.74%
88.39	3.5		
88.39	3.5	0.13%	9.87%
87	3.523		
87	3.523	1.67%	11.54%
73	3.776		
73	3.776	1.81%	13.35%
62.5	4		
62.5	4	0.12%	13.47%
61	4.035		
61	4.035	1.65%	15.12%
51	4.293		
51	4.293	2.20%	17.32%
43	4.54		
43	4.54	2.89%	20.21%
36	4.796		
36	4.796	3.47%	23.67%
30	5.059		
30	5.059	3.88%	27.55%
25	5.322		
25	5.322	4.04%	31.58%
21	5.573		
21	5.573	3.81%	35.39%
18	5.796		
18	5.796	4.76%	40.15%
15	6.059		
15	6.059	4.85%	45.00%
12.5	6.322		
12.5	6.322	4.62%	49.62%
10.5	6.573		
10.5	6.573	4.09%	53.71%
9	6.796		
9	6.796	4.94%	58.65%
7.5	7.059		
7.5	7.059	6.02%	64.67%
6	7.381		
6	7.381	4.67%	69.34%
5	7.644		
5	7.644	3.64%	72.99%
4.3	7.861		
4.3	7.861	1.70%	74.69%
4	7.966		
4	7.966	1.70%	76.39%
3.7	8.078		
3.7	8.078	3.70%	80.09%
3.1	8.334		
3.1	8.334	3.32%	83.42%
2.6	8.587		
2.6	8.587	2.82%	86.24%
2.2	8.828		
2.2	8.828	2.98%	89.22%
1.8	9.118		
1.8	9.118	2.33%	91.55%
1.5	9.381		
1.5	9.381	1.59%	93.14%
1.3	9.587		
1.3	9.587	1.63%	94.77%
1.1	9.828		
1.1	9.828	1.66%	96.43%
0.9	10.118		
< 0,900	> 10,118	3.57%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 51
Livello (cm)	(75-100)
Peso totale (g)	91.7
Frazione > 63 μm (%)	19.0
Frazione < 63 μm (%)	81.0

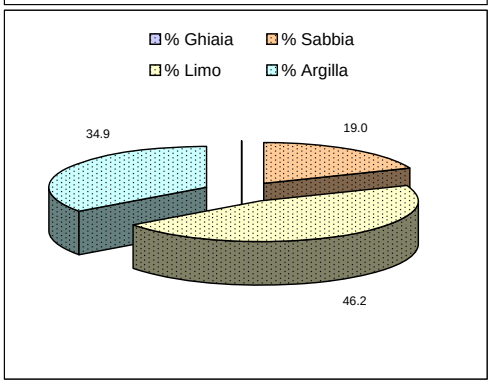
Frazione grossolana (> 63 μm) = 19.0	
% Ghiaia	% Sabbia
0.0	19.0

Frazione pelitica (< 63 μm) = 81.0	
% Limo	% Argilla
46.2	34.9

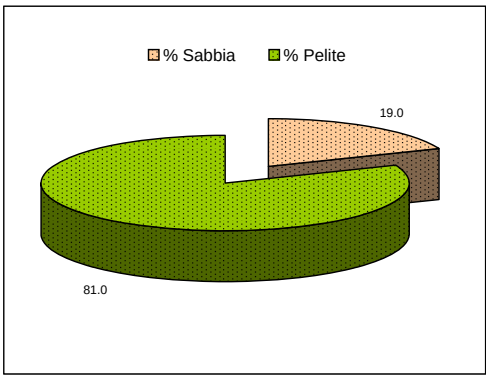
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.359
Deviazione Standard	2.886
Asimmetria (Skewness)	-0.288
Appuntimento (Kurtosis)	1.027
Mediana (Φ)	7.061
Moda (Φ)	7.500

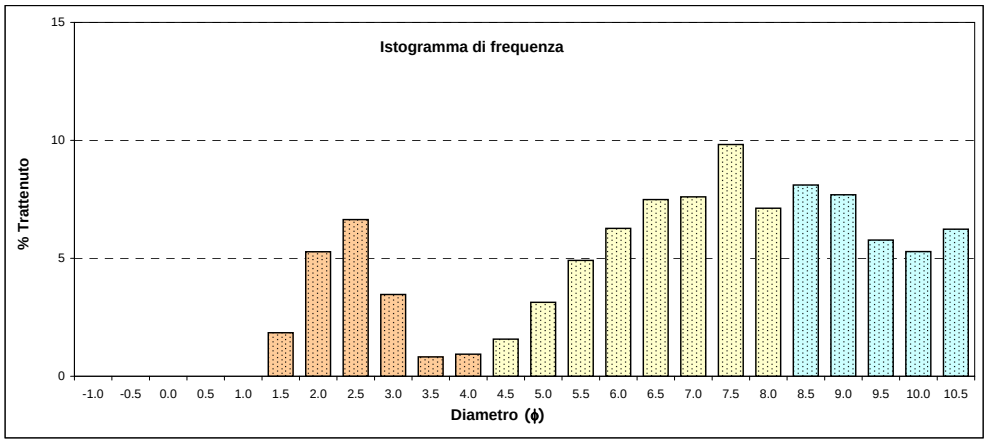
Percentili (Φ)	
5	1.778
16	2.803
25	5.205
50	7.061
75	8.586
84	9.213
95	10.251

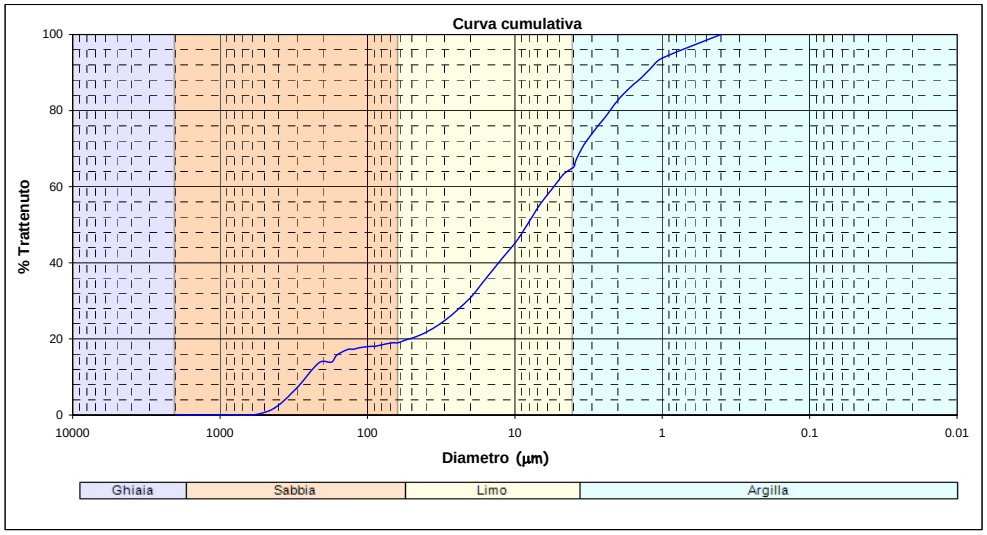
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.84%	1.84%
353.55	1.5		
353.55	1.5	5.28%	7.12%
250	2		
250	2	6.64%	13.76%
176.78	2.5		
176.78	2.5	0.12%	13.88%
175	2.515		
175	2.515	1.87%	15.75%
147	2.766		
147	2.766	1.47%	17.23%
125	3		
125	3	0.04%	17.27%
123	3.023		
123	3.023	0.45%	17.72%
103	3.279		
103	3.279	0.33%	18.04%
88.39	3.5		
88.39	3.5	0.02%	18.07%
87	3.523		
87	3.523	0.40%	18.46%
73	3.776		
73	3.776	0.51%	18.98%
62.5	4		
62.5	4	0.05%	19.03%
61	4.035		
61	4.035	0.63%	19.65%
51	4.293		
51	4.293	0.90%	20.55%
43	4.54		
43	4.54	1.33%	21.88%
36	4.796		
36	4.796	1.81%	23.68%
30	5.059		
30	5.059	2.28%	25.96%
25	5.322		
25	5.322	2.63%	28.60%
21	5.573		
21	5.573	2.69%	31.29%
18	5.796		
18	5.796	3.58%	34.87%
15	6.059		
15	6.059	3.79%	38.66%
12.5	6.322		
12.5	6.322	3.70%	42.36%
10.5	6.573		
10.5	6.573	3.37%	45.73%
9	6.796		
9	6.796	4.24%	49.96%
7.5	7.059		
7.5	7.059	5.42%	55.38%
6	7.381		
6	7.381	4.40%	59.78%
5	7.644		
5	7.644	3.58%	63.37%
4.3	7.861		
4.3	7.861	1.77%	65.14%
4	7.966		
4	7.966	1.77%	66.91%
3.7	8.078		
3.7	8.078	4.13%	71.03%
3.1	8.334		
3.1	8.334	3.98%	75.01%
2.6	8.587		
2.6	8.587	3.62%	78.63%
2.2	8.828		
2.2	8.828	4.07%	82.70%
1.8	9.118		
1.8	9.118	3.37%	86.07%
1.5	9.381		
1.5	9.381	2.41%	88.48%
1.3	9.587		
1.3	9.587	2.56%	91.05%
1.1	9.828		
1.1	9.828	2.72%	93.77%
0.9	10.118		
< 0,900	> 10,118	6.23%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 51
Livello (cm)	(100-125)
Peso totale (g)	91.7
Frazione > 63 μm (%)	29.0
Frazione < 63 μm (%)	71.0

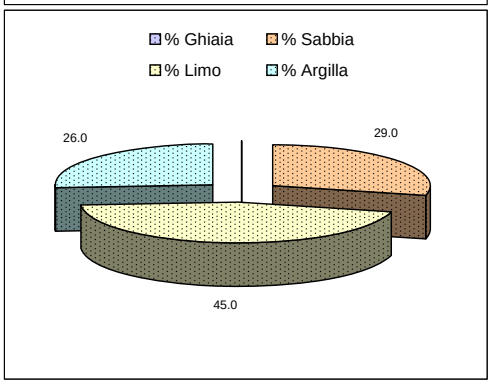
Frazione grossolana (> 63 μm) = 29.0	
% Ghiaia	% Sabbia
0.0	29.0

Frazione pelitica (< 63 μm) = 71.0	
% Limo	% Argilla
45.0	26.0

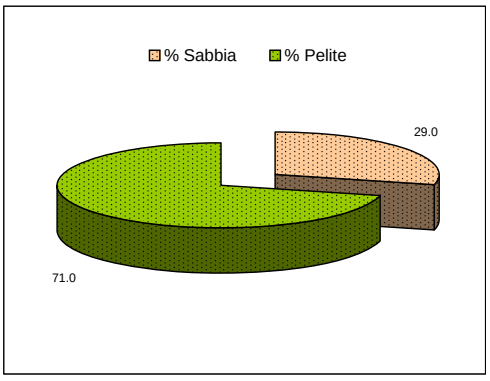
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.830
Deviazione Standard	2.861
Asimmetria (Skewness)	-0.234
Appuntimento (Kurtosis)	0.675
Mediana (Φ)	6.473
Moda (Φ)	7.500

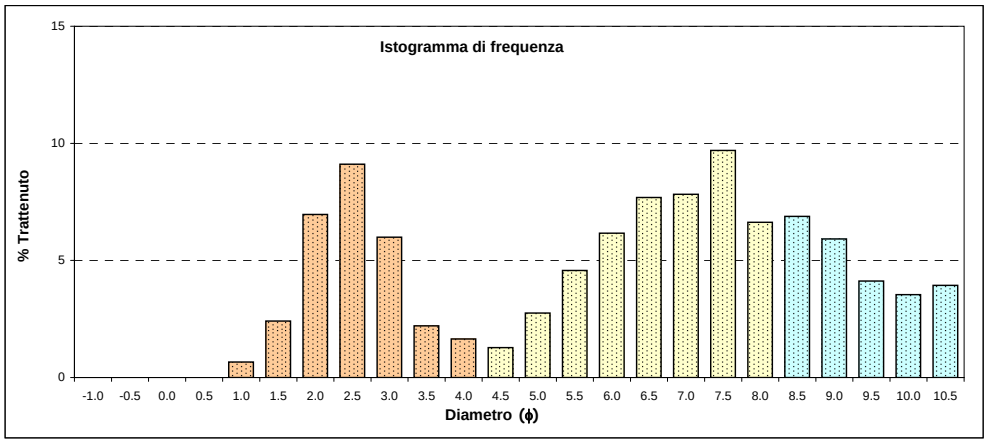
Percentili (Φ)	
5	1.622
16	2.307
25	2.986
50	6.473
75	8.035
84	8.710
95	9.940

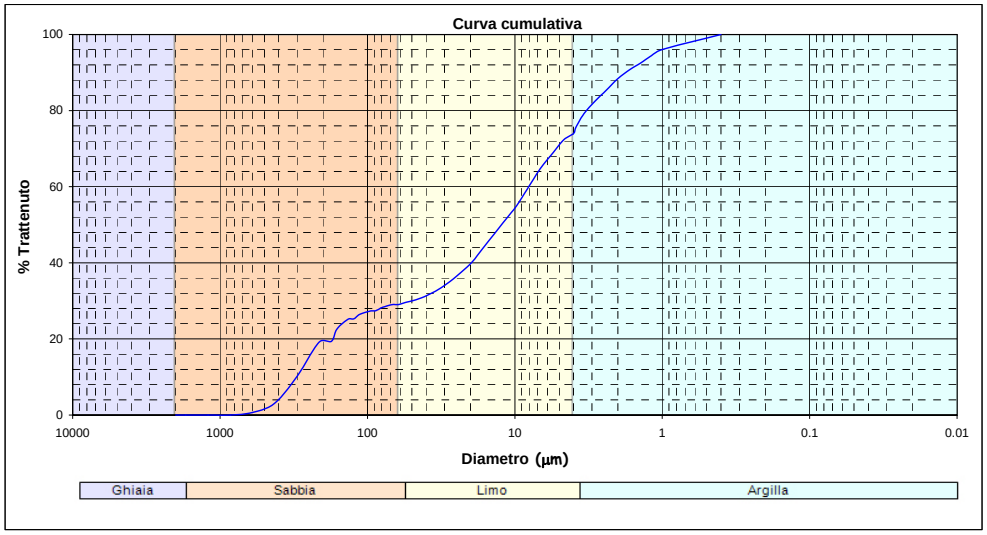
LOAM
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.67%	0.67%
500	1		
500	1	2.41%	3.08%
353.55	1.5		
353.55	1.5	6.96%	10.04%
250	2		
250	2	9.11%	19.15%
176.78	2.5		
176.78	2.5	0.21%	19.36%
175	2.515		
175	2.515	3.24%	22.60%
147	2.766		
147	2.766	2.55%	25.14%
125	3		
125	3	0.12%	25.26%
123	3.023		
123	3.023	1.20%	26.47%
103	3.279		
103	3.279	0.88%	27.35%
88.39	3.5		
88.39	3.5	0.07%	27.42%
87	3.523		
87	3.523	0.81%	28.23%
73	3.776		
73	3.776	0.77%	29.00%
62.5	4		
62.5	4	0.03%	29.03%
61	4.035		
61	4.035	0.49%	29.52%
51	4.293		
51	4.293	0.75%	30.27%
43	4.54		
43	4.54	1.15%	31.43%
36	4.796		
36	4.796	1.61%	33.03%
30	5.059		
30	5.059	2.09%	35.12%
25	5.322		
25	5.322	2.49%	37.60%
21	5.573		
21	5.573	2.60%	40.21%
18	5.796		
18	5.796	3.56%	43.77%
15	6.059		
15	6.059	3.86%	47.63%
12.5	6.322		
12.5	6.322	3.83%	51.46%
10.5	6.573		
10.5	6.573	3.49%	54.95%
9	6.796		
9	6.796	4.33%	59.28%
7.5	7.059		
7.5	7.059	5.41%	64.69%
6	7.381		
6	7.381	4.28%	68.98%
5	7.644		
5	7.644	3.40%	72.37%
4.3	7.861		
4.3	7.861	1.62%	73.99%
4	7.966		
4	7.966	1.62%	75.61%
3.7	8.078		
3.7	8.078	3.59%	79.20%
3.1	8.334		
3.1	8.334	3.29%	82.49%
2.6	8.587		
2.6	8.587	2.85%	85.34%
2.2	8.828		
2.2	8.828	3.06%	88.40%
1.8	9.118		
1.8	9.118	2.43%	90.83%
1.5	9.381		
1.5	9.381	1.69%	92.52%
1.3	9.587		
1.3	9.587	1.74%	94.27%
1.1	9.828		
1.1	9.828	1.80%	96.06%
0.9	10.118		
< 0,900	> 10,118	3.94%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 51
Livello (cm)	(125-150)
Peso totale (g)	30.4
Frazione > 63 μm (%)	61.4
Frazione < 63 μm (%)	38.6

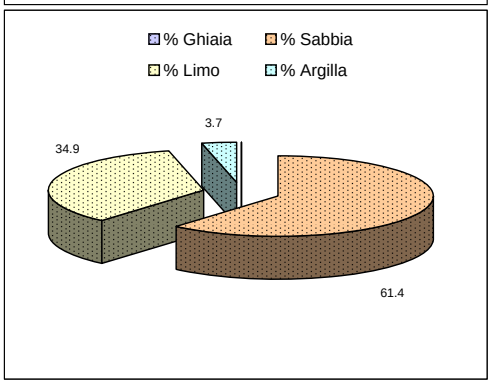
Frazione grossolana (> 63 μm) = 61.4	
% Ghiaia	% Sabbia
0.0	61.4

Frazione pelitica (< 63 μm) = 38.6	
% Limo	% Argilla
34.9	3.7

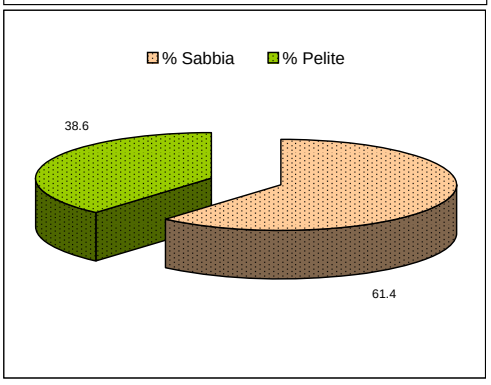
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.754
Deviazione Standard	2.049
Asimmetria (Skewness)	0.115
Appuntimento (Kurtosis)	1.115
Mediana (Φ)	3.624
Moda (Φ)	4.000

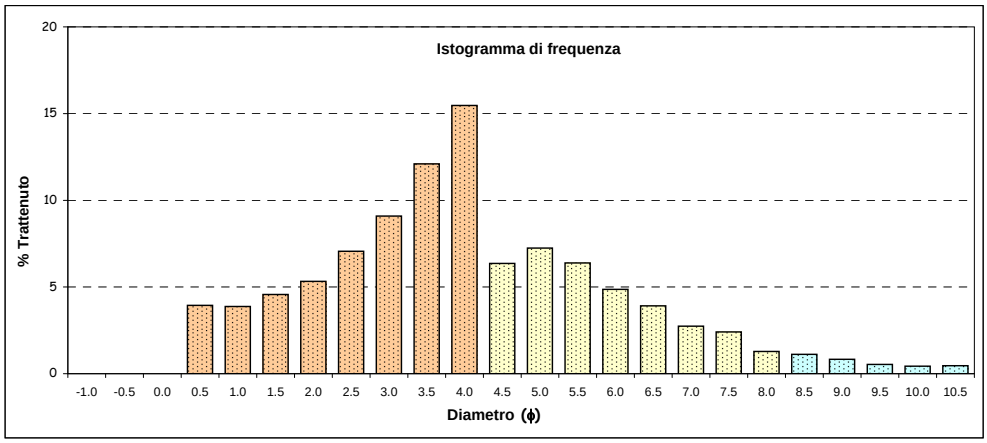
Percentili (Φ)	
5	0.620
16	1.820
25	2.511
50	3.624
75	5.057
84	5.818
95	7.548

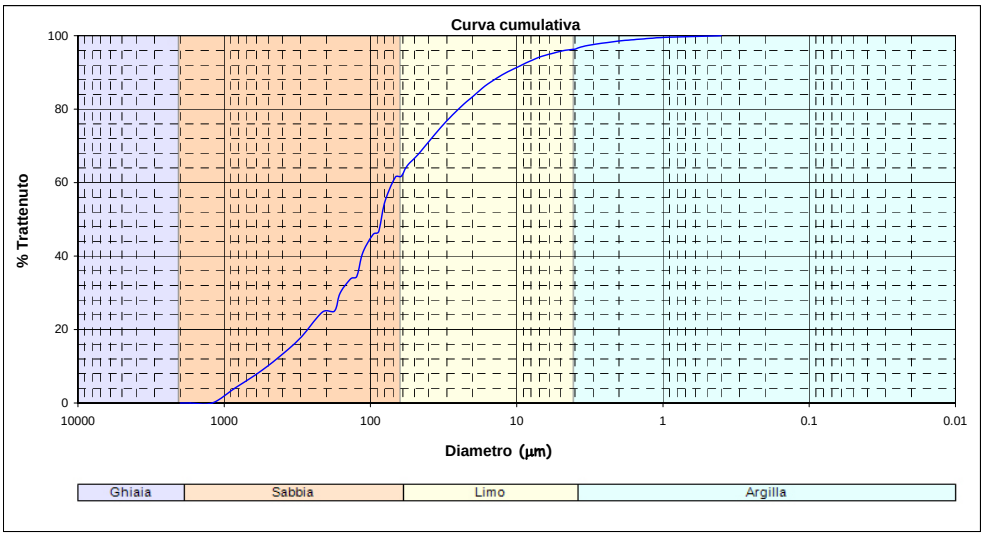
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	3.94%	3.94%
707.11	0.5		
707.11	0.5	3.88%	7.82%
500	1		
500	1	4.57%	12.38%
353.55	1.5		
353.55	1.5	5.32%	17.70%
250	2		
250	2	7.06%	24.77%
176.78	2.5		
176.78	2.5	0.31%	25.07%
175	2.515		
175	2.515	4.86%	29.93%
147	2.766		
147	2.766	3.93%	33.86%
125	3		
125	3	0.62%	34.47%
123	3.023		
123	3.023	6.41%	40.88%
103	3.279		
103	3.279	5.07%	45.95%
88.39	3.5		
88.39	3.5	0.72%	46.67%
87	3.523		
87	3.523	7.93%	54.60%
73	3.776		
73	3.776	6.82%	61.42%
62.5	4		
62.5	4	0.27%	61.69%
61	4.035		
61	4.035	2.87%	64.55%
51	4.293		
51	4.293	3.22%	67.78%
43	4.54		
43	4.54	3.60%	71.37%
36	4.796		
36	4.796	3.65%	75.02%
30	5.059		
30	5.059	3.41%	78.43%
25	5.322		
25	5.322	2.97%	81.40%
21	5.573		
21	5.573	2.37%	83.77%
18	5.796		
18	5.796	2.49%	86.27%
15	6.059		
15	6.059	2.15%	88.42%
12.5	6.322		
12.5	6.322	1.76%	90.18%
10.5	6.573		
10.5	6.573	1.35%	91.53%
9	6.796		
9	6.796	1.39%	92.92%
7.5	7.059		
7.5	7.059	1.44%	94.36%
6	7.381		
6	7.381	0.98%	95.34%
5	7.644		
5	7.644	0.69%	96.02%
4.3	7.861		
4.3	7.861	0.30%	96.32%
4	7.966		
4	7.966	0.30%	96.62%
3.7	8.078		
3.7	8.078	0.60%	97.22%
3.1	8.334		
3.1	8.334	0.51%	97.73%
2.6	8.587		
2.6	8.587	0.41%	98.15%
2.2	8.828		
2.2	8.828	0.42%	98.57%
1.8	9.118		
1.8	9.118	0.32%	98.89%
1.5	9.381		
1.5	9.381	0.22%	99.10%
1.3	9.587		
1.3	9.587	0.22%	99.32%
1.1	9.828		
1.1	9.828	0.22%	99.54%
0.9	10.118		
< 0,900	> 10,118	0.46%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 51
Livello (cm)	(150-175)
Peso totale (g)	37.6
Frazione > 63 μm (%)	75.4
Frazione < 63 μm (%)	24.6

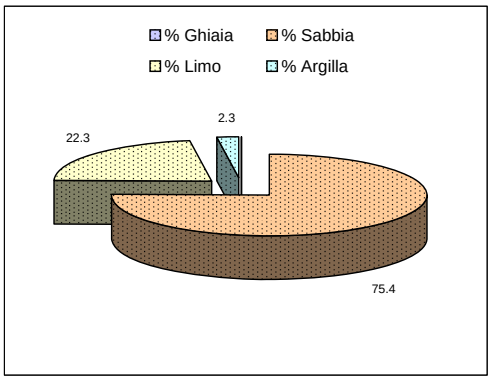
Frazione grossolana (> 63 μm) = 75.4	
% Ghiaia	% Sabbia
0.0	75.4

Frazione pelitica (< 63 μm) = 24.6	
% Limo	% Argilla
22.3	2.3

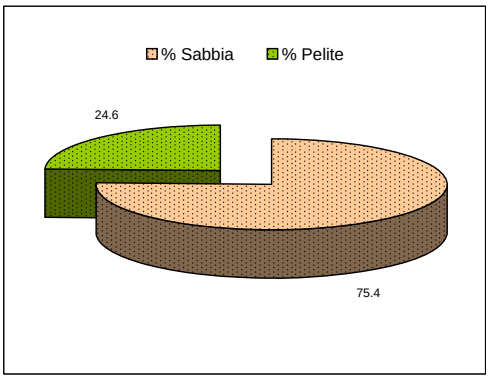
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.547
Deviazione Standard	1.294
Asimmetria (Skewness)	0.440
Appuntimento (Kurtosis)	1.527
Mediana (Φ)	3.252
Moda (Φ)	3.000

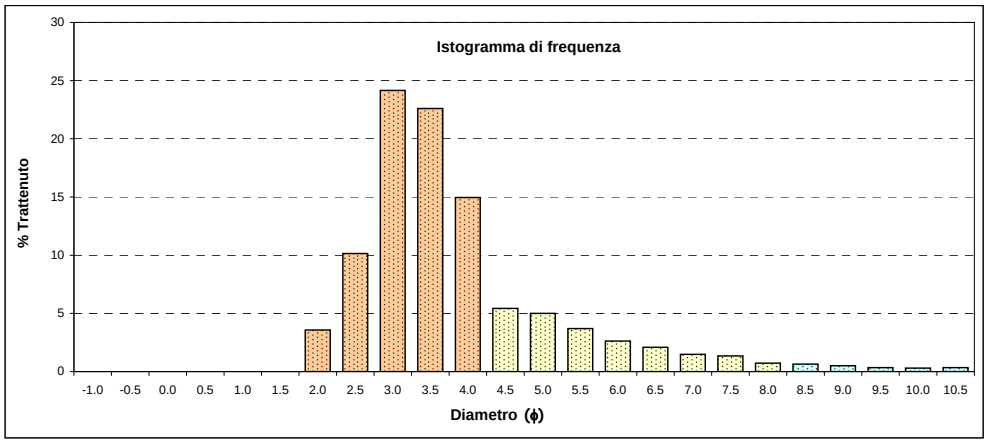
Percentili (Φ)	
5	2.061
16	2.541
25	2.714
50	3.252
75	3.984
84	4.849
95	6.795

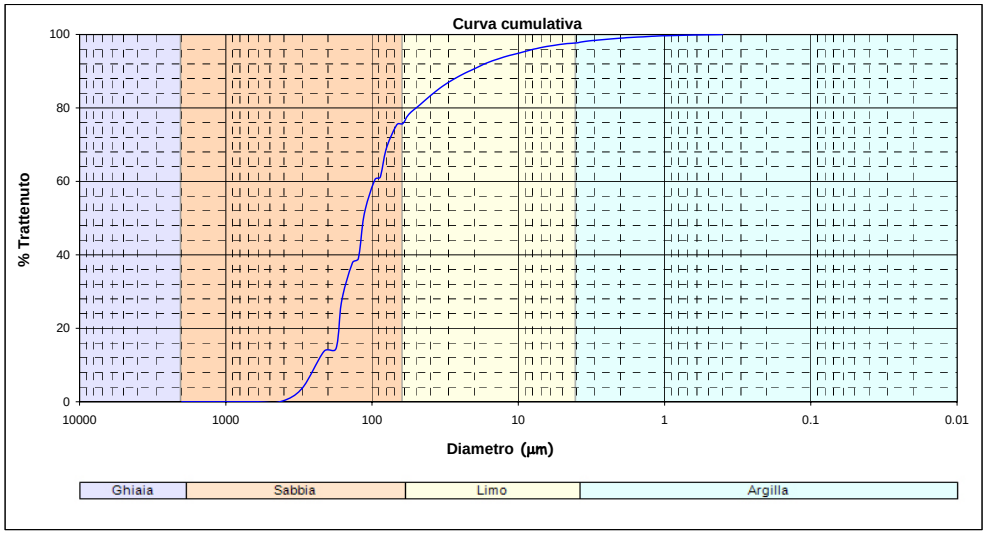
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.57%	3.57%
250	2		
250	2	10.15%	13.71%
176.78	2.5		
176.78	2.5	0.82%	14.54%
175	2.515		
175	2.515	12.99%	27.53%
147	2.766		
147	2.766	10.34%	37.87%
125	3		
125	3	1.19%	39.06%
123	3.023		
123	3.023	12.15%	51.20%
103	3.279		
103	3.279	9.27%	60.47%
88.39	3.5		
88.39	3.5	0.70%	61.16%
87	3.523		
87	3.523	7.71%	68.87%
73	3.776		
73	3.776	6.56%	75.43%
62.5	4		
62.5	4	0.26%	75.69%
61	4.035		
61	4.035	2.55%	78.24%
51	4.293		
51	4.293	2.61%	80.86%
43	4.54		
43	4.54	2.62%	83.48%
36	4.796		
36	4.796	2.38%	85.86%
30	5.059		
30	5.059	2.03%	87.90%
25	5.322		
25	5.322	1.66%	89.56%
21	5.573		
21	5.573	1.29%	90.85%
18	5.796		
18	5.796	1.34%	92.18%
15	6.059		
15	6.059	1.15%	93.33%
12.5	6.322		
12.5	6.322	0.94%	94.28%
10.5	6.573		
10.5	6.573	0.73%	95.00%
9	6.796		
9	6.796	0.76%	95.76%
7.5	7.059		
7.5	7.059	0.80%	96.56%
6	7.381		
6	7.381	0.55%	97.11%
5	7.644		
5	7.644	0.39%	97.50%
4.3	7.861		
4.3	7.861	0.17%	97.67%
4	7.966		
4	7.966	0.17%	97.84%
3.7	8.078		
3.7	8.078	0.35%	98.19%
3.1	8.334		
3.1	8.334	0.30%	98.49%
2.6	8.587		
2.6	8.587	0.25%	98.74%
2.2	8.828		
2.2	8.828	0.26%	99.00%
1.8	9.118		
1.8	9.118	0.21%	99.21%
1.5	9.381		
1.5	9.381	0.14%	99.35%
1.3	9.587		
1.3	9.587	0.15%	99.50%
1.1	9.828		
1.1	9.828	0.15%	99.66%
0.9	10.118		
< 0,900	> 10,118	0.34%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 51**
Livello (cm)	**(175-200)**
Peso totale (g)	143.5
Frazione > 63 μm (%)	95.5
Frazione < 63 μm (%)	4.5

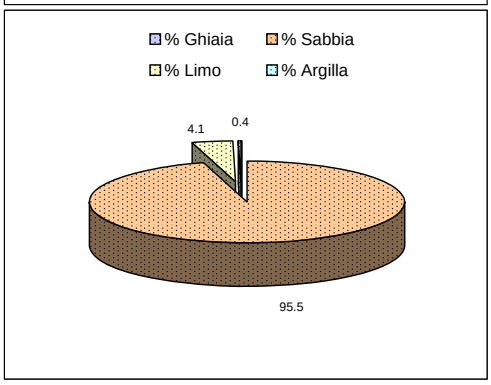
Frazione grossolana (> 63 μm) = 95.5	
% Ghiaia	**% Sabbia**
0.0	**95.5**

Frazione pelitica (< 63 μm) = 4.5	
% Limo	**% Argilla**
4.1	**0.4**

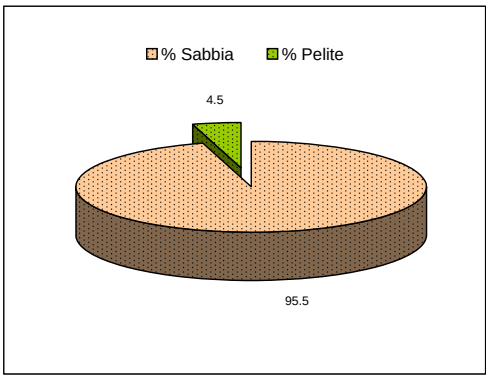
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.776
Deviazione Standard	0.689
Asimmetria (Skewness)	0.260
Appuntimento (Kurtosis)	0.900
Mediana (Φ)	2.642
Moda (Φ)	2.500

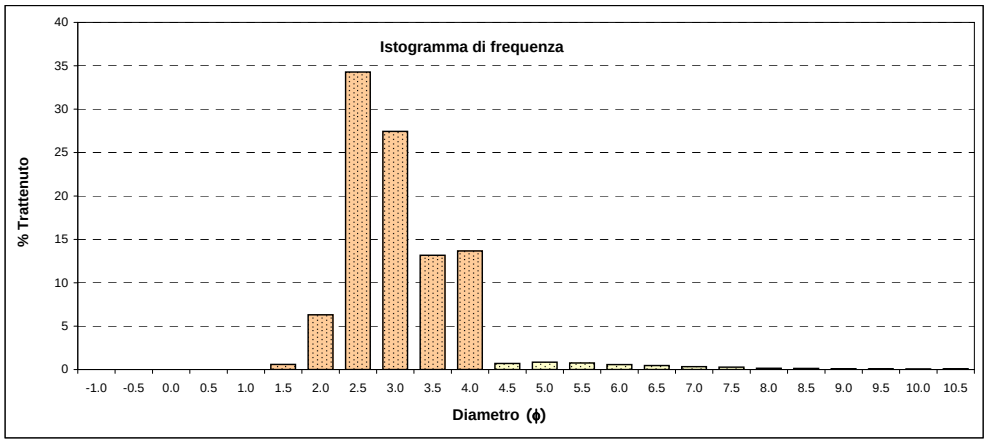
Percentili (Φ)	
5	1.830
16	2.117
25	2.242
50	2.642
75	3.221
84	3.570
95	3.979

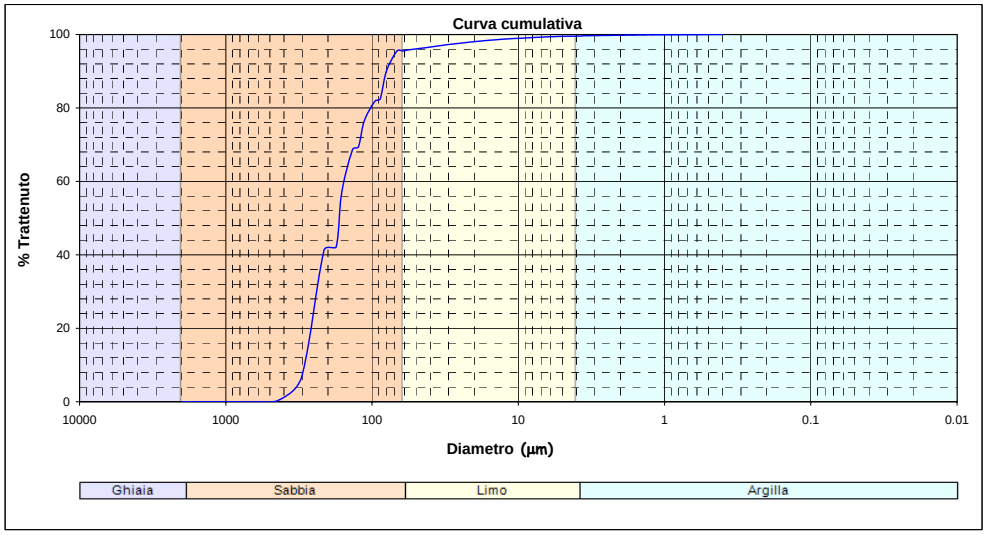
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.60%	0.60%
353.55	1.5		
353.55	1.5	6.31%	6.91%
250	2		
250	2	34.29%	41.20%
176.78	2.5		
176.78	2.5	0.94%	42.14%
175	2.515		
175	2.515	14.84%	56.98%
147	2.766		
147	2.766	11.66%	68.64%
125	3		
125	3	0.72%	69.36%
123	3.023		
123	3.023	7.18%	76.53%
103	3.279		
103	3.279	5.28%	81.81%
88.39	3.5		
88.39	3.5	0.72%	82.53%
87	3.523		
87	3.523	7.34%	89.88%
73	3.776		
73	3.776	5.60%	95.48%
62.5	4		
62.5	4	0.03%	95.51%
61	4.035		
61	4.035	0.31%	95.82%
51	4.293		
51	4.293	0.37%	96.19%
43	4.54		
43	4.54	0.42%	96.61%
36	4.796		
36	4.796	0.43%	97.04%
30	5.059		
30	5.059	0.40%	97.45%
25	5.322		
25	5.322	0.35%	97.79%
21	5.573		
21	5.573	0.28%	98.07%
18	5.796		
18	5.796	0.29%	98.36%
15	6.059		
15	6.059	0.25%	98.61%
12.5	6.322		
12.5	6.322	0.21%	98.81%
10.5	6.573		
10.5	6.573	0.16%	98.97%
9	6.796		
9	6.796	0.16%	99.14%
7.5	7.059		
7.5	7.059	0.17%	99.31%
6	7.381		
6	7.381	0.12%	99.42%
5	7.644		
5	7.644	0.08%	99.50%
4.3	7.861		
4.3	7.861	0.03%	99.54%
4	7.966		
4	7.966	0.03%	99.57%
3.7	8.078		
3.7	8.078	0.07%	99.64%
3.1	8.334		
3.1	8.334	0.06%	99.70%
2.6	8.587		
2.6	8.587	0.05%	99.75%
2.2	8.828		
2.2	8.828	0.05%	99.80%
1.8	9.118		
1.8	9.118	0.04%	99.84%
1.5	9.381		
1.5	9.381	0.03%	99.87%
1.3	9.587		
1.3	9.587	0.03%	99.90%
1.1	9.828		
1.1	9.828	0.03%	99.93%
0.9	10.118		
< 0,900	> 10,118	0.07%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 52
Livello (cm)	(0-25)
Peso totale (g)	27.0
Frazione > 63 µm (%)	13.4
Frazione < 63 µm (%)	86.6

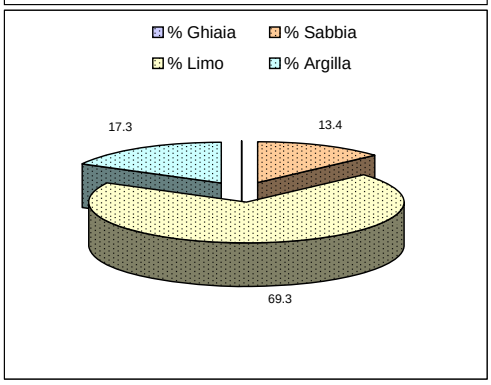
Frazione grossolana (> 63 µm) = 13.4	
% Ghiaia	% Sabbia
0.0	13.4

Frazione pelitica (< 63 µm) = 86.6	
% Limo	% Argilla
69.3	17.3

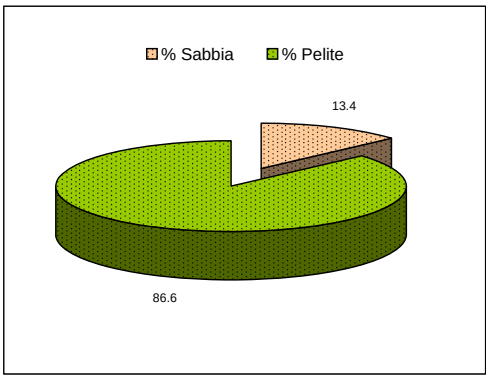
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.185
Deviazione Standard	1.920
Asimmetria (Skewness)	0.080
Appuntimento (Kurtosis)	1.168
Mediana (Φ)	6.073
Moda (Φ)	6.000

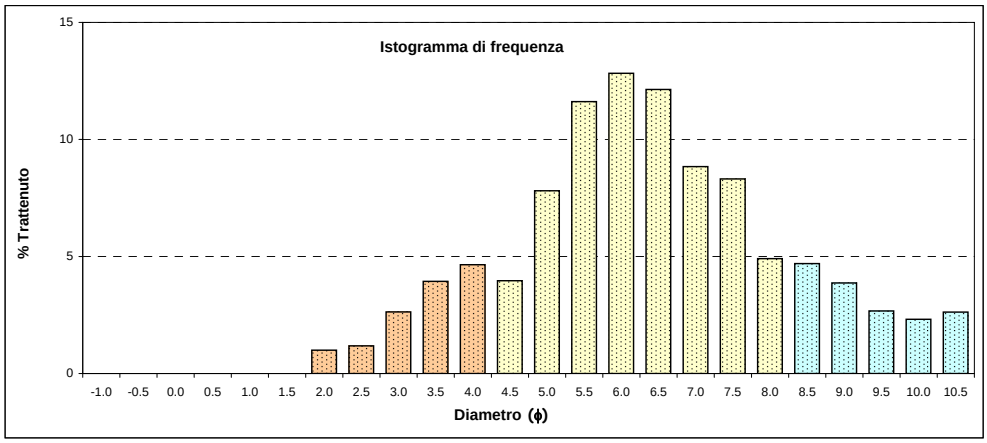
Percentili (Φ)	
5	3.020
16	4.388
25	5.048
50	6.073
75	7.348
84	8.095
95	9.575

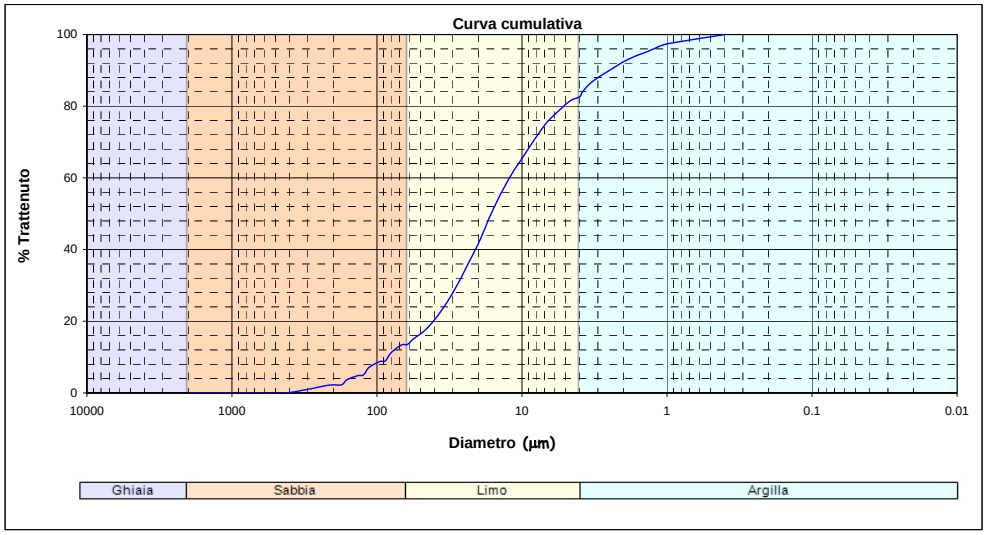
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.00%	1.00%
250	2		
250	2	1.19%	2.19%
176.78	2.5		
176.78	2.5	0.09%	2.28%
175	2.515		
175	2.515	1.42%	3.70%
147	2.766		
147	2.766	1.12%	4.82%
125	3		
125	3	0.21%	5.03%
123	3.023		
123	3.023	2.15%	7.18%
103	3.279		
103	3.279	1.58%	8.75%
88.39	3.5		
88.39	3.5	0.19%	8.94%
87	3.523		
87	3.523	2.25%	11.20%
73	3.776		
73	3.776	2.20%	13.40%
62.5	4		
62.5	4	0.11%	13.51%
61	4.035		
61	4.035	1.57%	15.08%
51	4.293		
51	4.293	2.29%	17.37%
43	4.54		
43	4.54	3.34%	20.70%
36	4.796		
36	4.796	4.47%	25.18%
30	5.059		
30	5.059	5.51%	30.69%
25	5.322		
25	5.322	6.10%	36.79%
21	5.573		
21	5.573	5.82%	42.61%
18	5.796		
18	5.796	7.01%	49.62%
15	6.059		
15	6.059	6.57%	56.18%
12.5	6.322		
12.5	6.322	5.57%	61.76%
10.5	6.573		
10.5	6.573	4.32%	66.08%
9	6.796		
9	6.796	4.52%	70.60%
7.5	7.059		
7.5	7.059	4.85%	75.45%
6	7.381		
6	7.381	3.47%	78.91%
5	7.644		
5	7.644	2.57%	81.49%
4.3	7.861		
4.3	7.861	1.17%	82.65%
4	7.966		
4	7.966	1.17%	83.82%
3.7	8.078		
3.7	8.078	2.49%	86.31%
3.1	8.334		
3.1	8.334	2.21%	88.52%
2.6	8.587		
2.6	8.587	1.88%	90.39%
2.2	8.828		
2.2	8.828	1.99%	92.39%
1.8	9.118		
1.8	9.118	1.58%	93.96%
1.5	9.381		
1.5	9.381	1.10%	95.06%
1.3	9.587		
1.3	9.587	1.14%	96.20%
1.1	9.828		
1.1	9.828	1.18%	97.38%
0.9	10.118		
< 0,900	> 10,118	2.62%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 52
Livello (cm)	(25-50)
Peso totale (g)	33.5
Frazione > 63 μm (%)	43.5
Frazione < 63 μm (%)	56.5

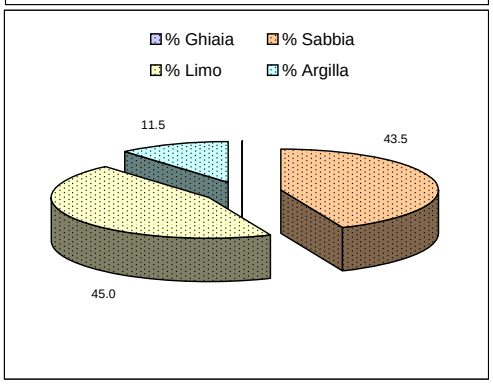
Frazione grossolana (> 63 μm) = 43.5	
% Ghiaia	% Sabbia
0.0	43.5

Frazione pelitica (< 63 μm) = 56.5	
% Limo	% Argilla
45.0	11.5

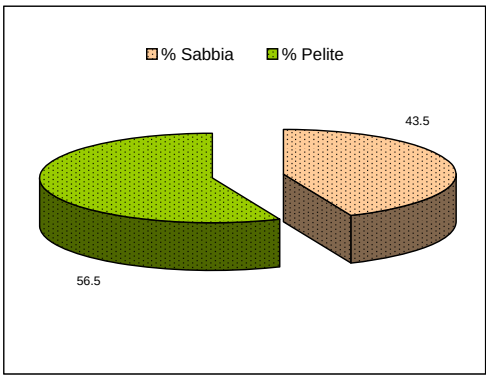
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.993
Deviazione Standard	2.265
Asimmetria (Skewness)	0.123
Appuntimento (Kurtosis)	0.799
Mediana (Φ)	4.889
Moda (Φ)	3.000

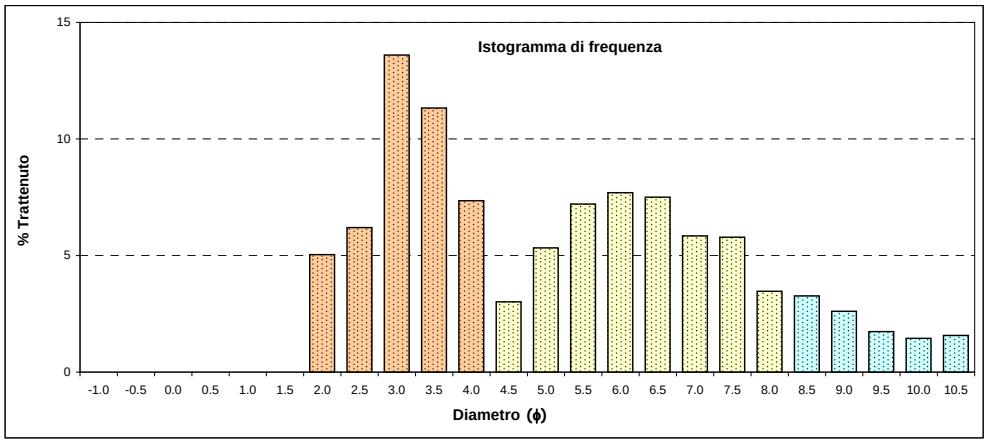
Percentili (Φ)	
5	1.995
16	2.656
25	3.006
50	4.889
75	6.628
84	7.434
95	9.059

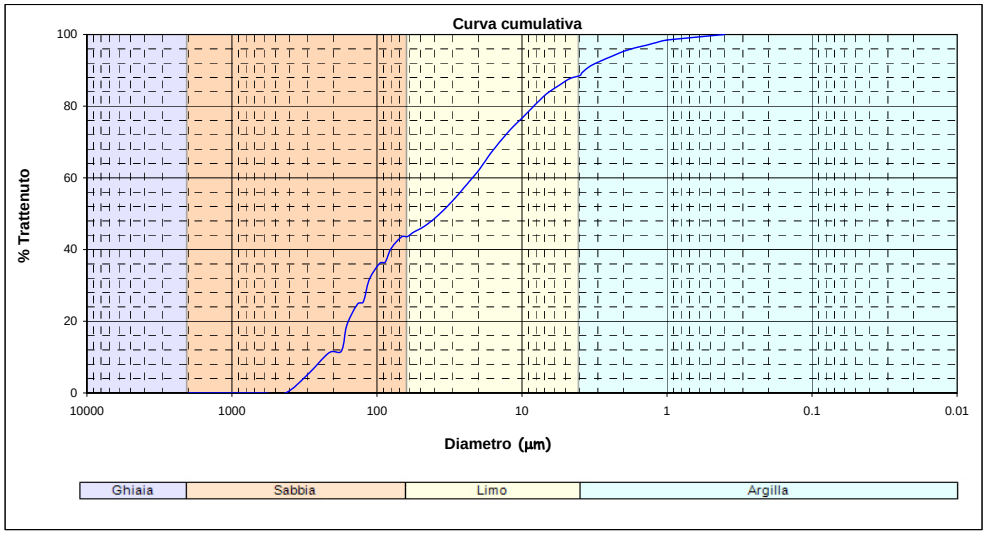
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	5.04%	5.04%
250	2		
250	2	6.20%	11.24%
176.78	2.5		
176.78	2.5	0.47%	11.71%
175	2.515		
175	2.515	7.35%	19.06%
147	2.766		
147	2.766	5.78%	24.84%
125	3		
125	3	0.62%	25.46%
123	3.023		
123	3.023	6.17%	31.63%
103	3.279		
103	3.279	4.54%	36.17%
88.39	3.5		
88.39	3.5	0.35%	36.52%
87	3.523		
87	3.523	3.77%	40.29%
73	3.776		
73	3.776	3.23%	43.52%
62.5	4		
62.5	4	0.09%	43.61%
61	4.035		
61	4.035	1.22%	44.84%
51	4.293		
51	4.293	1.70%	46.53%
43	4.54		
43	4.54	2.35%	48.89%
36	4.796		
36	4.796	2.98%	51.86%
30	5.059		
30	5.059	3.49%	55.35%
25	5.322		
25	5.322	3.72%	59.07%
21	5.573		
21	5.573	3.49%	62.56%
18	5.796		
18	5.796	4.21%	66.77%
15	6.059		
15	6.059	4.01%	70.78%
12.5	6.322		
12.5	6.322	3.50%	74.28%
10.5	6.573		
10.5	6.573	2.81%	77.08%
9	6.796		
9	6.796	3.04%	80.12%
7.5	7.059		
7.5	7.059	3.35%	83.47%
6	7.381		
6	7.381	2.43%	85.91%
5	7.644		
5	7.644	1.82%	87.72%
4.3	7.861		
4.3	7.861	0.82%	88.55%
4	7.966		
4	7.966	0.82%	89.37%
3.7	8.078		
3.7	8.078	1.74%	91.11%
3.1	8.334		
3.1	8.334	1.53%	92.64%
2.6	8.587		
2.6	8.587	1.28%	93.92%
2.2	8.828		
2.2	8.828	1.33%	95.25%
1.8	9.118		
1.8	9.118	1.03%	96.28%
1.5	9.381		
1.5	9.381	0.70%	96.98%
1.3	9.587		
1.3	9.587	0.72%	97.70%
1.1	9.828		
1.1	9.828	0.73%	98.43%
0.9	10.118		
< 0,900	> 10,118	1.57%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 52**
Livello (cm)	**(50-75)**
Peso totale (g)	61.9
Frazione > 63 μm (%)	25.4
Frazione < 63 μm (%)	74.6

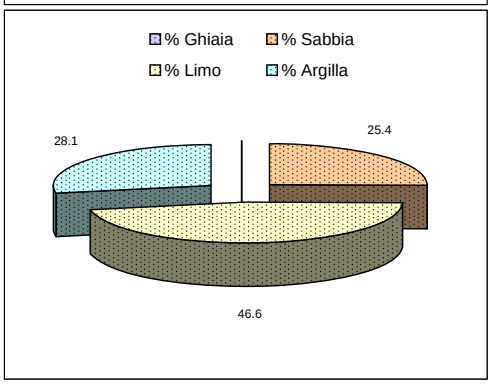
Frazione grossolana (> 63 μm) =	**25.4**
% Ghiaia	**% Sabbia**
0.0	**25.4**

Frazione pelitica (< 63 μm) =	**74.6**
% Limo	**% Argilla**
46.6	**28.1**

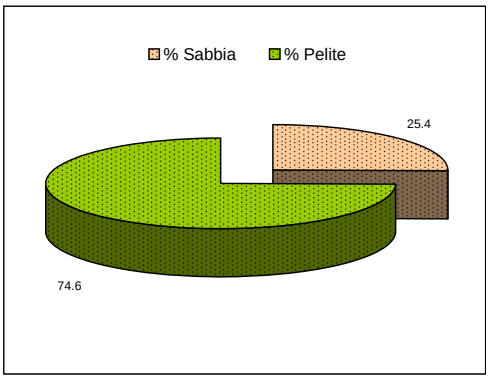
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.914
Deviazione Standard	2.909
Asimmetria (Skewness)	-0.227
Appuntimento (Kurtosis)	0.814
Mediana (Φ)	6.533
Moda (Φ)	7.500

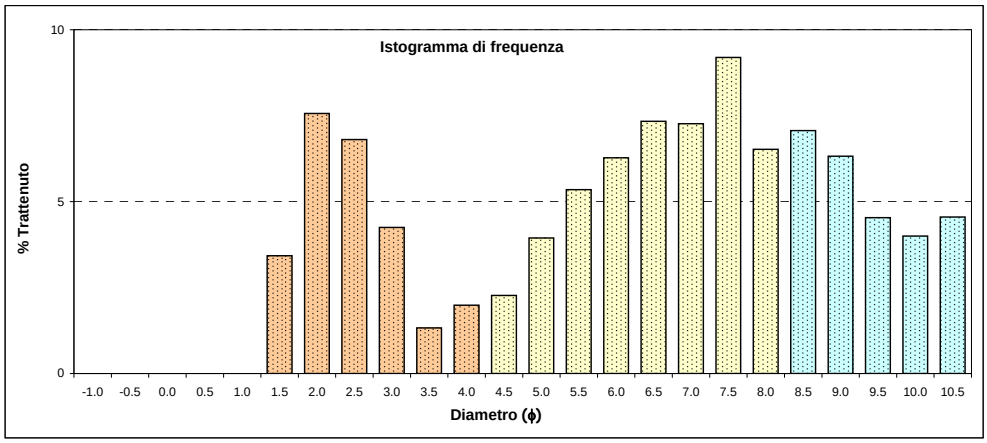
Percentili (Φ)	
5	1.591
16	2.350
25	3.915
50	6.533
75	8.176
84	8.860
95	10.049

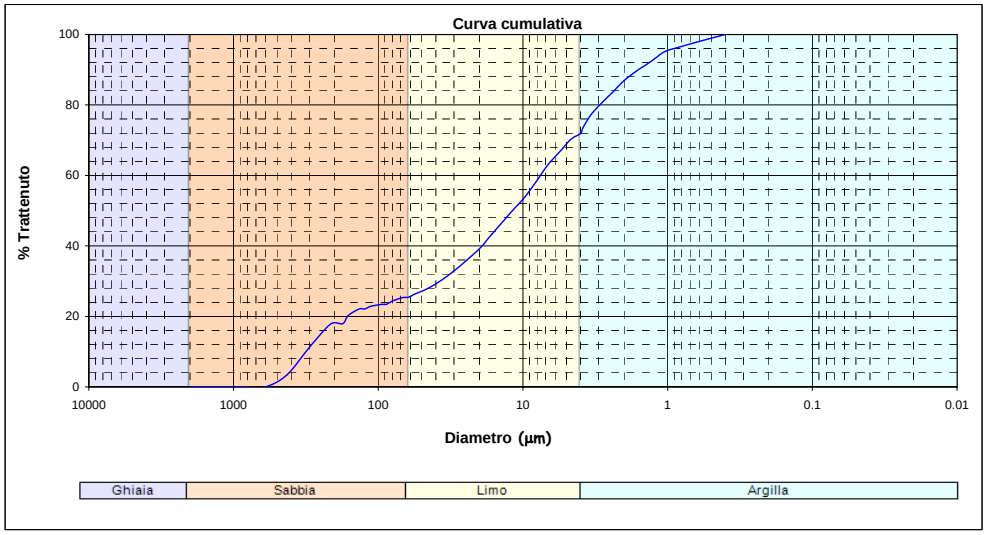
LOAM
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	3.43%	3.43%
353.55	1.5		
353.55	1.5	7.56%	10.99%
250	2		
250	2	6.81%	17.80%
176.78	2.5		
176.78	2.5	0.15%	17.94%
175	2.515		
175	2.515	2.30%	20.24%
147	2.766		
147	2.766	1.81%	22.05%
125	3		
125	3	0.07%	22.12%
123	3.023		
123	3.023	0.72%	22.85%
103	3.279		
103	3.279	0.53%	23.37%
88.39	3.5		
88.39	3.5	0.07%	23.45%
87	3.523		
87	3.523	0.91%	24.36%
73	3.776		
73	3.776	1.01%	25.36%
62.5	4		
62.5	4	0.07%	25.43%
61	4.035		
61	4.035	0.93%	26.35%
51	4.293		
51	4.293	1.28%	27.63%
43	4.54		
43	4.54	1.75%	29.39%
36	4.796		
36	4.796	2.19%	31.58%
30	5.059		
30	5.059	2.56%	34.14%
25	5.322		
25	5.322	2.79%	36.93%
21	5.573		
21	5.573	2.73%	39.66%
18	5.796		
18	5.796	3.55%	43.20%
15	6.059		
15	6.059	3.72%	46.93%
12.5	6.322		
12.5	6.322	3.61%	50.54%
10.5	6.573		
10.5	6.573	3.25%	53.79%
9	6.796		
9	6.796	4.02%	57.81%
7.5	7.059		
7.5	7.059	5.09%	62.90%
6	7.381		
6	7.381	4.10%	67.00%
5	7.644		
5	7.644	3.31%	70.31%
4.3	7.861		
4.3	7.861	1.61%	71.92%
4	7.966		
4	7.966	1.61%	73.52%
3.7	8.078		
3.7	8.078	3.65%	77.17%
3.1	8.334		
3.1	8.334	3.42%	80.59%
2.6	8.587		
2.6	8.587	3.02%	83.61%
2.2	8.828		
2.2	8.828	3.30%	86.91%
1.8	9.118		
1.8	9.118	2.66%	89.58%
1.5	9.381		
1.5	9.381	1.87%	91.45%
1.3	9.587		
1.3	9.587	1.96%	93.41%
1.1	9.828		
1.1	9.828	2.04%	95.45%
0.9	10.118		
< 0,900	> 10,118	4.55%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 52
Livello (cm)	(75-100)
Peso totale (g)	51.4
Frazione > 63 μm (%)	47.6
Frazione < 63 μm (%)	52.4

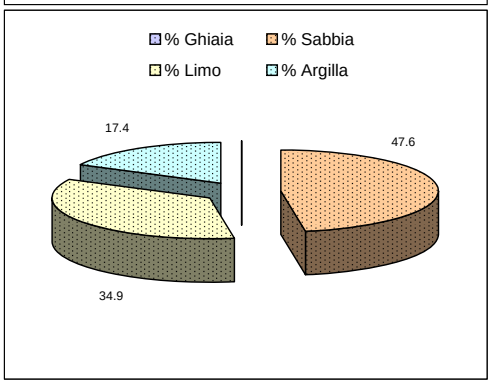
Frazione grossolana (> 63 μm) = 47.6	
% Ghiaia	% Sabbia
0.0	47.6

Frazione pelitica (< 63 μm) = 52.4	
% Limo	% Argilla
34.9	17.4

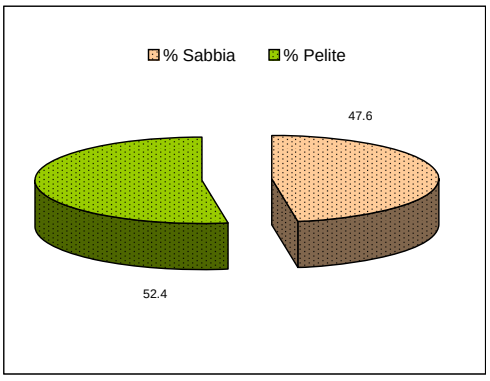
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.929
Deviazione Standard	2.828
Asimmetria (Skewness)	0.083
Appuntimento (Kurtosis)	0.659
Mediana (Φ)	4.875
Moda (Φ)	2.000

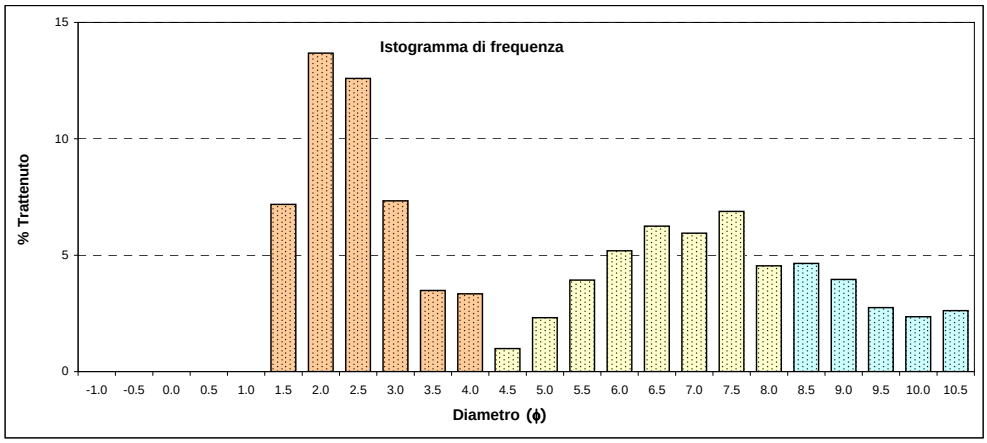
Percentili (Φ)	
5	1.329
16	1.802
25	2.146
50	4.875
75	7.280
84	8.111
95	9.583

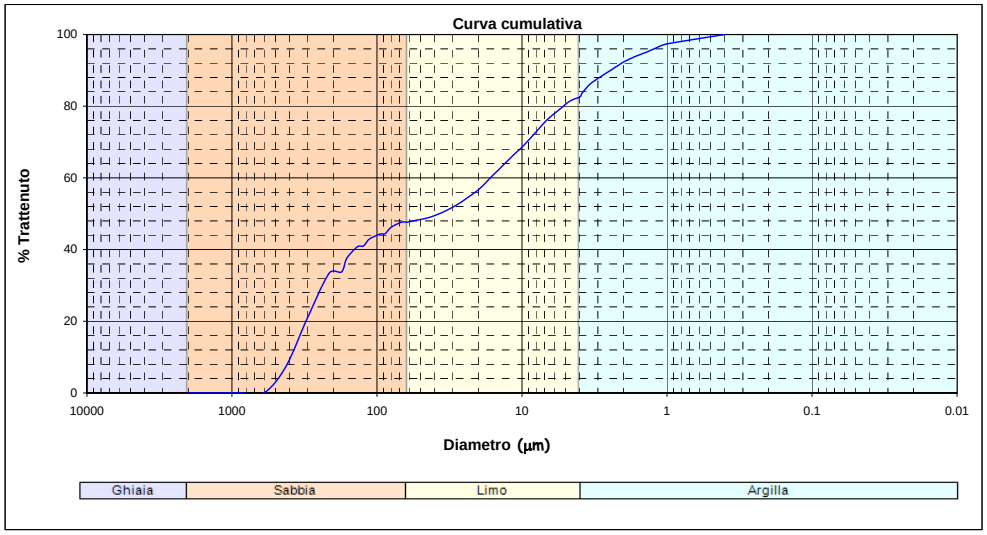
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	7.18%	7.18%
353.55	1.5		
353.55	1.5	13.68%	20.86%
250	2		
250	2	12.59%	33.46%
176.78	2.5		
176.78	2.5	0.25%	33.71%
175	2.515		
175	2.515	3.97%	37.67%
147	2.766		
147	2.766	3.12%	40.79%
125	3		
125	3	0.19%	40.98%
123	3.023		
123	3.023	1.90%	42.89%
103	3.279		
103	3.279	1.39%	44.28%
88.39	3.5		
88.39	3.5	0.17%	44.44%
87	3.523		
87	3.523	1.75%	46.19%
73	3.776		
73	3.776	1.43%	47.62%
62.5	4		
62.5	4	0.02%	47.64%
61	4.035		
61	4.035	0.37%	48.01%
51	4.293		
51	4.293	0.60%	48.61%
43	4.54		
43	4.54	0.95%	49.56%
36	4.796		
36	4.796	1.36%	50.93%
30	5.059		
30	5.059	1.80%	52.72%
25	5.322		
25	5.322	2.13%	54.86%
21	5.573		
21	5.573	2.21%	57.07%
18	5.796		
18	5.796	2.98%	60.04%
15	6.059		
15	6.059	3.17%	63.21%
12.5	6.322		
12.5	6.322	3.08%	66.29%
10.5	6.573		
10.5	6.573	2.71%	69.00%
9	6.796		
9	6.796	3.23%	72.24%
7.5	7.059		
7.5	7.059	3.89%	76.12%
6	7.381		
6	7.381	3.00%	79.12%
5	7.644		
5	7.644	2.34%	81.46%
4.3	7.861		
4.3	7.861	1.10%	82.56%
4	7.966		
4	7.966	1.10%	83.67%
3.7	8.078		
3.7	8.078	2.43%	86.10%
3.1	8.334		
3.1	8.334	2.22%	88.31%
2.6	8.587		
2.6	8.587	1.91%	90.22%
2.2	8.828		
2.2	8.828	2.05%	92.27%
1.8	9.118		
1.8	9.118	1.62%	93.89%
1.5	9.381		
1.5	9.381	1.13%	95.02%
1.3	9.587		
1.3	9.587	1.16%	96.18%
1.1	9.828		
1.1	9.828	1.20%	97.38%
0.9	10.118		
< 0,900	> 10,118	2.62%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 52
Livello (cm)	(100-125)
Peso totale (g)	32.5
Frazione > 63 μm (%)	64.5
Frazione < 63 μm (%)	35.5

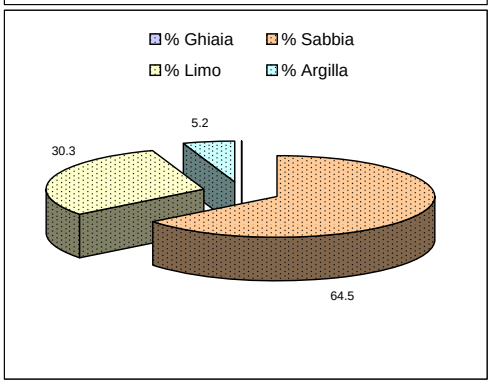
Frazione grossolana (> 63 μm) = 64.5	
% Ghiaia	% Sabbia
0.0	64.5

Frazione pelitica (< 63 μm) = 35.5	
% Limo	% Argilla
30.3	5.2

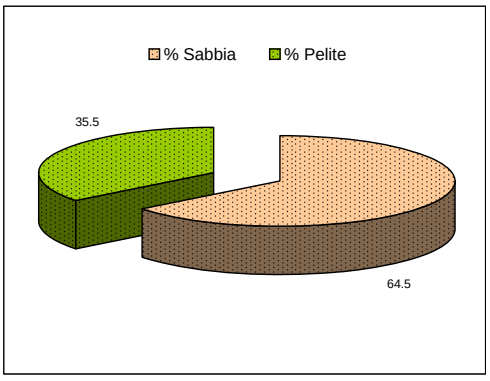
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.145
Deviazione Standard	1.730
Asimmetria (Skewness)	0.542
Appuntimento (Kurtosis)	1.028
Mediana (Φ)	3.543
Moda (Φ)	3.500

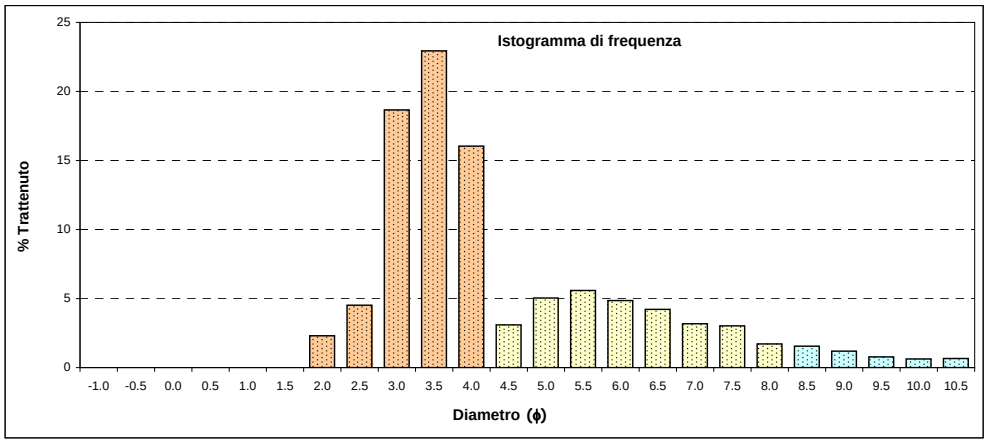
Percentili (Φ)	
5	2.276
16	2.727
25	2.985
50	3.543
75	5.275
84	6.164
95	8.025

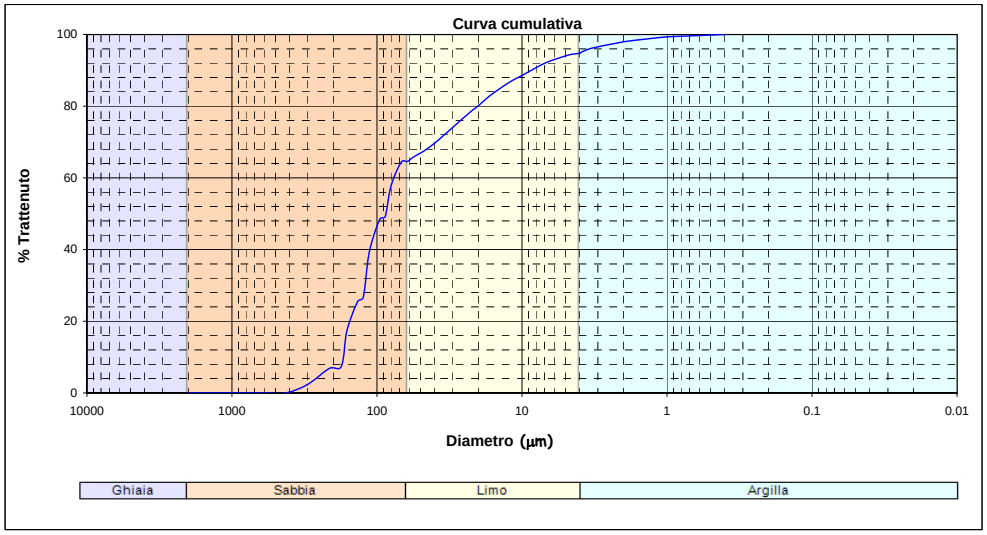
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.31%	2.31%
250	2		
250	2	4.52%	6.83%
176.78	2.5		
176.78	2.5	0.61%	7.44%
175	2.515		
175	2.515	9.99%	17.43%
147	2.766		
147	2.766	8.06%	25.49%
125	3		
125	3	1.25%	26.74%
123	3.023		
123	3.023	12.55%	39.29%
103	3.279		
103	3.279	9.13%	48.43%
88.39	3.5		
88.39	3.5	0.83%	49.26%
87	3.523		
87	3.523	8.50%	57.76%
73	3.776		
73	3.776	6.72%	64.47%
62.5	4		
62.5	4	0.09%	64.56%
61	4.035		
61	4.035	1.26%	65.82%
51	4.293		
51	4.293	1.75%	67.57%
43	4.54		
43	4.54	2.32%	69.89%
36	4.796		
36	4.796	2.72%	72.61%
30	5.059		
30	5.059	2.86%	75.47%
25	5.322		
25	5.322	2.72%	78.19%
21	5.573		
21	5.573	2.31%	80.50%
18	5.796		
18	5.796	2.54%	83.04%
15	6.059		
15	6.059	2.29%	85.33%
12.5	6.322		
12.5	6.322	1.94%	87.26%
10.5	6.573		
10.5	6.573	1.54%	88.80%
9	6.796		
9	6.796	1.64%	90.45%
7.5	7.059		
7.5	7.059	1.77%	92.22%
6	7.381		
6	7.381	1.25%	93.47%
5	7.644		
5	7.644	0.91%	94.38%
4.3	7.861		
4.3	7.861	0.40%	94.78%
4	7.966		
4	7.966	0.40%	95.19%
3.7	8.078		
3.7	8.078	0.84%	96.02%
3.1	8.334		
3.1	8.334	0.72%	96.74%
2.6	8.587		
2.6	8.587	0.59%	97.33%
2.2	8.828		
2.2	8.828	0.60%	97.94%
1.8	9.118		
1.8	9.118	0.46%	98.40%
1.5	9.381		
1.5	9.381	0.31%	98.71%
1.3	9.587		
1.3	9.587	0.31%	99.02%
1.1	9.828		
1.1	9.828	0.31%	99.34%
0.9	10.118		
< 0,900	> 10,118	0.66%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 52**
Livello (cm)	**(125-150)**
Peso totale (g)	62.1
Frazione > 63 µm (%)	79.2
Frazione < 63 µm (%)	20.8

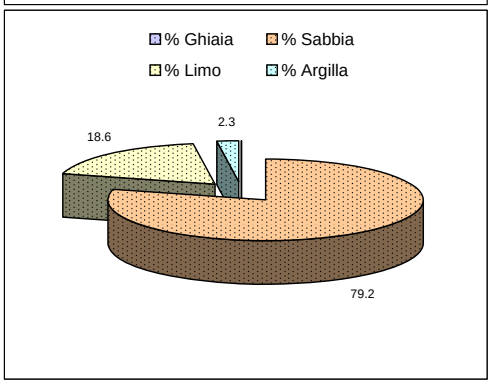
Frazione grossolana (> 63 µm) = 79.2	
% Ghiaia	**% Sabbia**
0.0	**79.2**

Frazione pelitica (< 63 µm) = 20.8	
% Limo	**% Argilla**
18.6	**2.3**

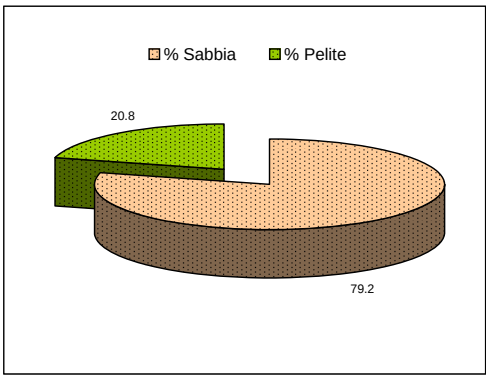
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.314
Deviazione Standard	1.392
Asimmetria (Skewness)	0.557
Appuntimento (Kurtosis)	1.647
Mediana (Φ)	2.872
Moda (Φ)	3.000

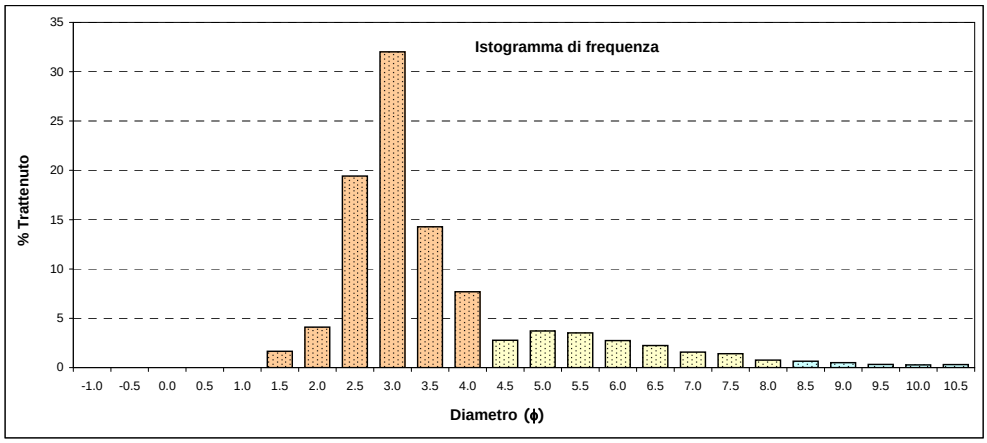
Percentili (Φ)	
5	1.893
16	2.242
25	2.494
50	2.872
75	3.719
84	4.828
95	6.814

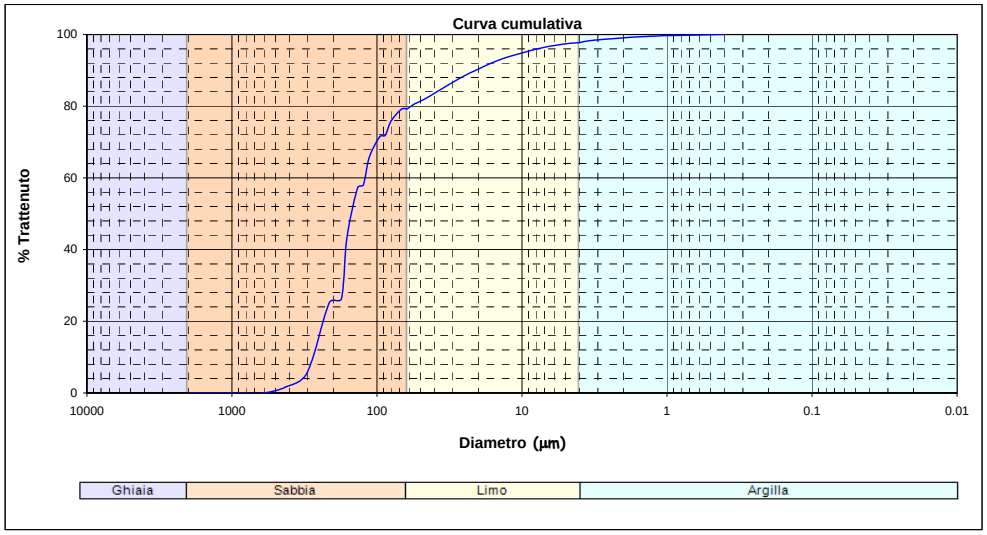
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.66%	1.66%
353.55	1.5		
353.55	1.5	4.11%	5.77%
250	2		
250	2	19.43%	25.20%
176.78	2.5		
176.78	2.5	1.09%	26.28%
175	2.515		
175	2.515	17.26%	43.54%
147	2.766		
147	2.766	13.67%	57.21%
125	3		
125	3	0.77%	57.99%
123	3.023		
123	3.023	7.78%	65.76%
103	3.279		
103	3.279	5.72%	71.49%
88.39	3.5		
88.39	3.5	0.37%	71.86%
87	3.523		
87	3.523	3.98%	75.84%
73	3.776		
73	3.776	3.34%	79.17%
62.5	4		
62.5	4	0.10%	79.27%
61	4.035		
61	4.035	1.19%	80.46%
51	4.293		
51	4.293	1.49%	81.95%
43	4.54		
43	4.54	1.80%	83.75%
36	4.796		
36	4.796	1.92%	85.67%
30	5.059		
30	5.059	1.86%	87.53%
25	5.322		
25	5.322	1.65%	89.19%
21	5.573		
21	5.573	1.33%	90.52%
18	5.796		
18	5.796	1.41%	91.93%
15	6.059		
15	6.059	1.23%	93.15%
12.5	6.322		
12.5	6.322	1.01%	94.16%
10.5	6.573		
10.5	6.573	0.78%	94.94%
9	6.796		
9	6.796	0.81%	95.74%
7.5	7.059		
7.5	7.059	0.84%	96.58%
6	7.381		
6	7.381	0.57%	97.15%
5	7.644		
5	7.644	0.41%	97.56%
4.3	7.861		
4.3	7.861	0.18%	97.74%
4	7.966		
4	7.966	0.18%	97.91%
3.7	8.078		
3.7	8.078	0.36%	98.27%
3.1	8.334		
3.1	8.334	0.30%	98.57%
2.6	8.587		
2.6	8.587	0.25%	98.82%
2.2	8.828		
2.2	8.828	0.25%	99.07%
1.8	9.118		
1.8	9.118	0.20%	99.27%
1.5	9.381		
1.5	9.381	0.14%	99.40%
1.3	9.587		
1.3	9.587	0.14%	99.54%
1.1	9.828		
1.1	9.828	0.14%	99.68%
0.9	10.118		
< 0,900	> 10,118	0.32%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 52
Livello (cm)	(150-175)
Peso totale (g)	103.7
Frazione > 63 µm (%)	97.6
Frazione < 63 µm (%)	2.4

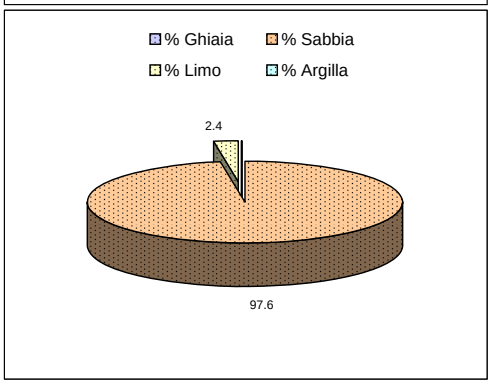
Frazione grossolana (> 63 µm) = 97.6	
% Ghiaia	% Sabbia
0.0	97.6

Frazione pelitica (< 63 µm) = 2.4	
% Limo	% Argilla
2.4	0.0

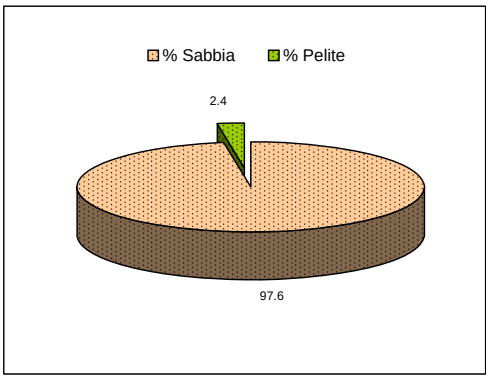
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.195
Deviazione Standard	0.415
Asimmetria (Skewness)	0.018
Appuntimento (Kurtosis)	1.272
Mediana (Φ)	2.204
Moda (Φ)	2.500

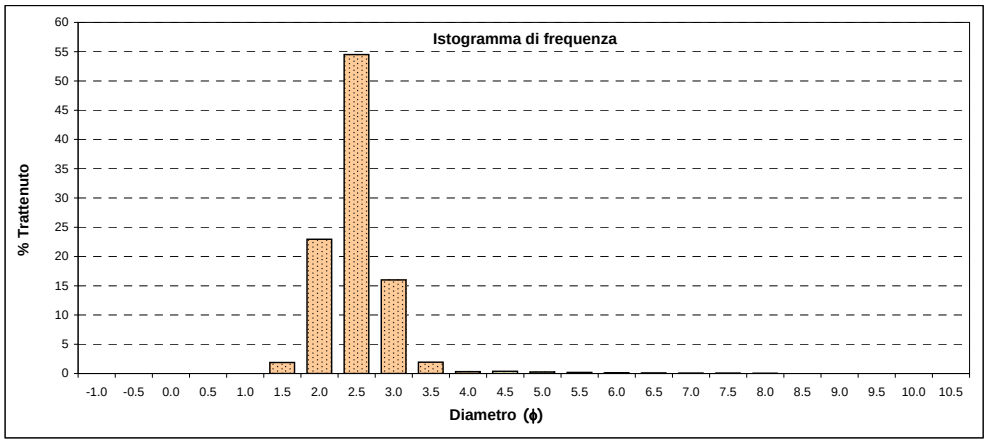
Percentili (Φ)	
5	1.557
16	1.782
25	1.996
50	2.204
75	2.444
84	2.600
95	2.946

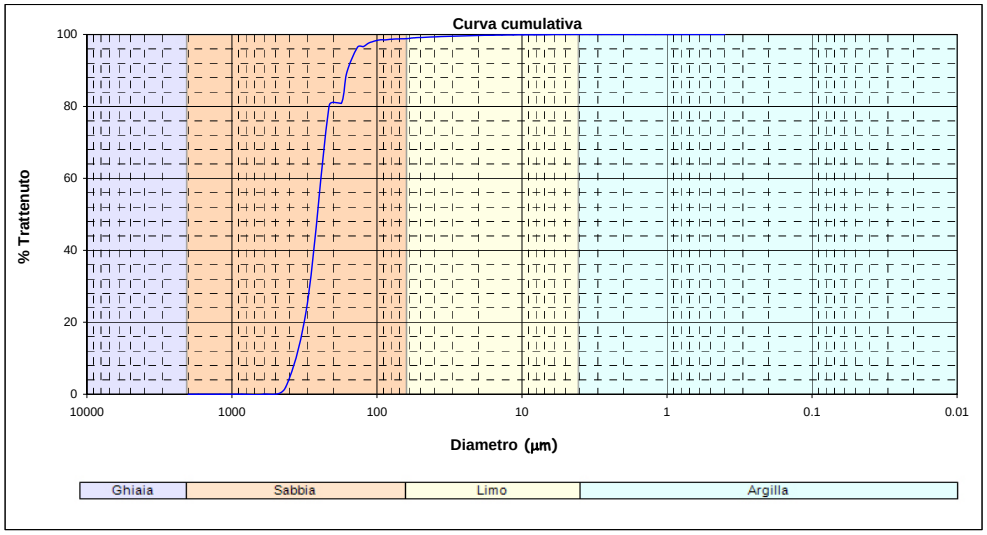
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.89%	1.91%
353.55	1.5		
353.55	1.5	22.96%	25.14%
250	2		
250	2	54.50%	80.30%
176.78	2.5		
176.78	2.5	0.55%	80.86%
175	2.515		
175	2.515	8.65%	89.62%
147	2.766		
147	2.766	6.80%	96.50%
125	3		
125	3	0.11%	96.61%
123	3.023		
123	3.023	1.07%	97.68%
103	3.279		
103	3.279	0.78%	98.47%
88.39	3.5		
88.39	3.5	0.02%	98.49%
87	3.523		
87	3.523	0.18%	98.67%
73	3.776		
73	3.776	0.14%	98.81%
62.5	4		
62.5	4	0.03%	98.84%
61	4.035		
61	4.035	0.20%	99.04%
51	4.293		
51	4.293	0.16%	99.21%
43	4.54		
43	4.54	0.14%	99.35%
36	4.796		
36	4.796	0.12%	99.47%
30	5.059		
30	5.059	0.10%	99.57%
25	5.322		
25	5.322	0.08%	99.65%
21	5.573		
21	5.573	0.06%	99.72%
18	5.796		
18	5.796	0.06%	99.78%
15	6.059		
15	6.059	0.05%	99.83%
12.5	6.322		
12.5	6.322	0.04%	99.87%
10.5	6.573		
10.5	6.573	0.03%	99.90%
9	6.796		
9	6.796	0.03%	99.93%
7.5	7.059		
7.5	7.059	0.03%	99.96%
6	7.381		
6	7.381	0.02%	99.98%
5	7.644		
5	7.644	0.01%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 52**
Livello (cm)	**(175-200)**
Peso totale (g)	102.0
Frazione > 63 μm (%)	97.2
Frazione < 63 μm (%)	2.8

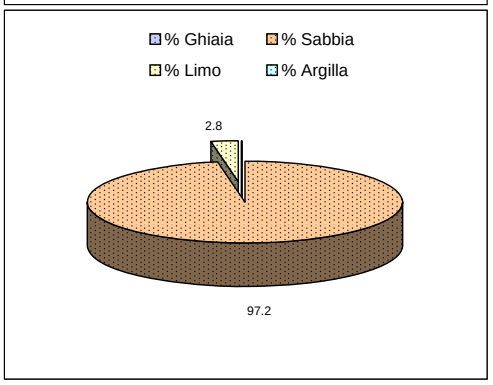
Frazione grossolana (> 63 μm) =	**97.2**
% Ghiaia	**% Sabbia**
0.0	**97.2**

Frazione pelitica (< 63 μm) =	**2.8**
% Limo	**% Argilla**
2.8	**0.0**

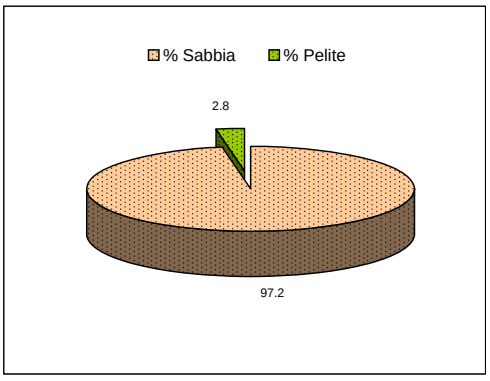
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.166
Deviazione Standard	0.573
Asimmetria (Skewness)	0.070
Appuntimento (Kurtosis)	0.975
Mediana (Φ)	2.141
Moda (Φ)	2.500

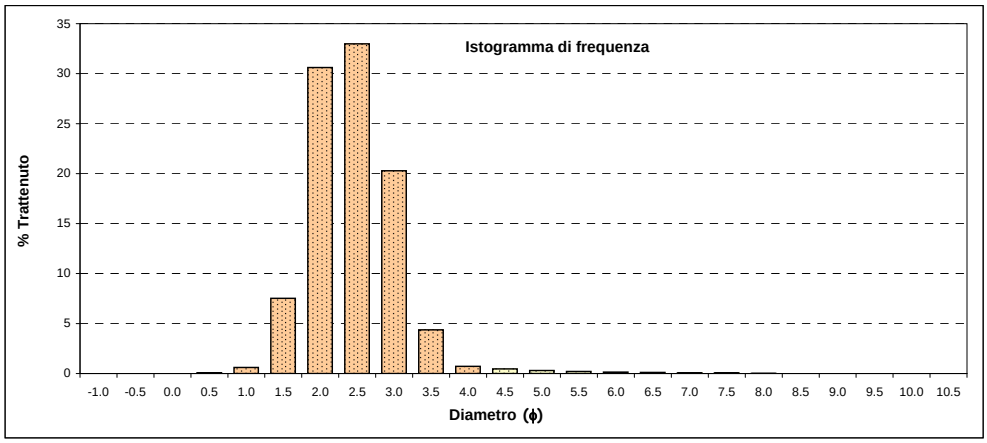
Percentili (Φ)	
5	1.261
16	1.608
25	1.747
50	2.141
75	2.545
84	2.750
95	3.159

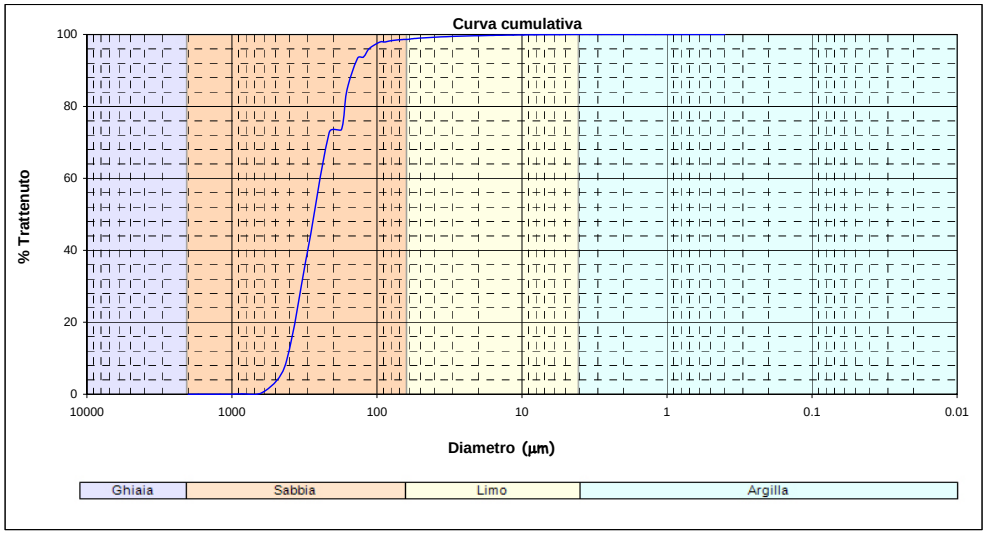
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.08%	0.08%
707.11	0.5		
707.11	0.5	0.61%	0.70%
500	1		
500	1	7.52%	8.33%
353.55	1.5		
353.55	1.5	30.62%	39.38%
250	2		
250	2	32.98%	72.84%
176.78	2.5		
176.78	2.5	0.70%	73.54%
175	2.515		
175	2.515	10.97%	84.68%
147	2.766		
147	2.766	8.62%	93.42%
125	3		
125	3	0.24%	93.66%
123	3.023		
123	3.023	2.39%	96.08%
103	3.279		
103	3.279	1.74%	97.85%
88.39	3.5		
88.39	3.5	0.04%	97.89%
87	3.523		
87	3.523	0.39%	98.29%
73	3.776		
73	3.776	0.29%	98.58%
62.5	4		
62.5	4	0.04%	98.62%
61	4.035		
61	4.035	0.24%	98.86%
51	4.293		
51	4.293	0.19%	99.05%
43	4.54		
43	4.54	0.17%	99.22%
36	4.796		
36	4.796	0.14%	99.37%
30	5.059		
30	5.059	0.12%	99.49%
25	5.322		
25	5.322	0.10%	99.59%
21	5.573		
21	5.573	0.07%	99.66%
18	5.796		
18	5.796	0.07%	99.73%
15	6.059		
15	6.059	0.06%	99.79%
12.5	6.322		
12.5	6.322	0.05%	99.84%
10.5	6.573		
10.5	6.573	0.04%	99.88%
9	6.796		
9	6.796	0.04%	99.92%
7.5	7.059		
7.5	7.059	0.04%	99.95%
6	7.381		
6	7.381	0.02%	99.98%
5	7.644		
5	7.644	0.02%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 53
Livello (cm)	(0-25)
Peso totale (g)	29.0
Frazione > 63 μm (%)	4.7
Frazione < 63 μm (%)	95.3

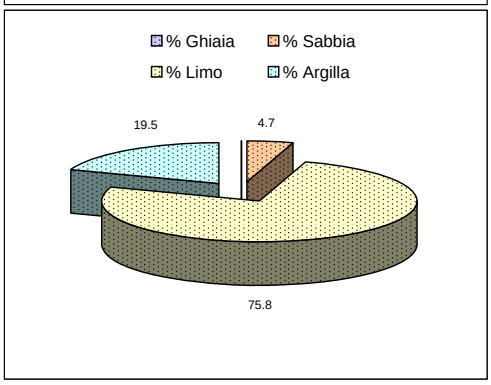
Frazione grossolana (> 63 μm) = 4.7	
% Ghiaia	% Sabbia
0.0	4.7

Frazione pelitica (< 63 μm) = 95.3	
% Limo	% Argilla
75.8	19.5

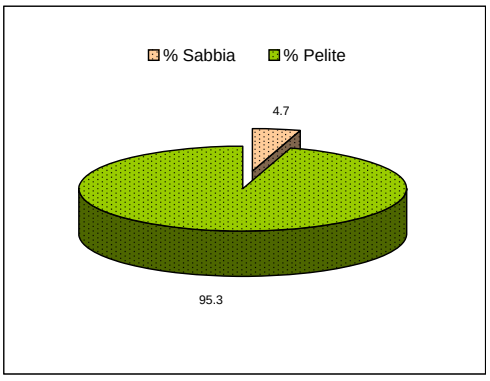
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.516
Deviazione Standard	1.685
Asimmetria (Skewness)	0.176
Appuntimento (Kurtosis)	1.050
Mediana (Φ)	6.335
Moda (Φ)	6.500

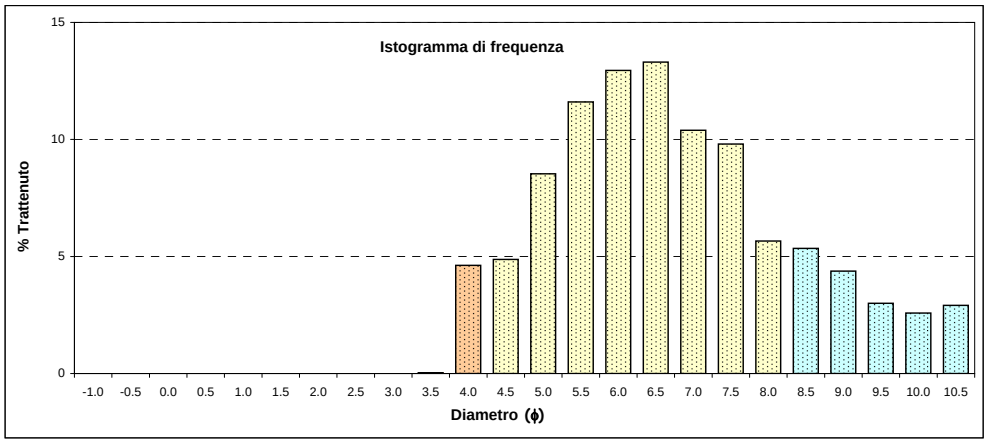
Percentili (Φ)	
5	4.059
16	4.938
25	5.375
50	6.335
75	7.567
84	8.274
95	9.677

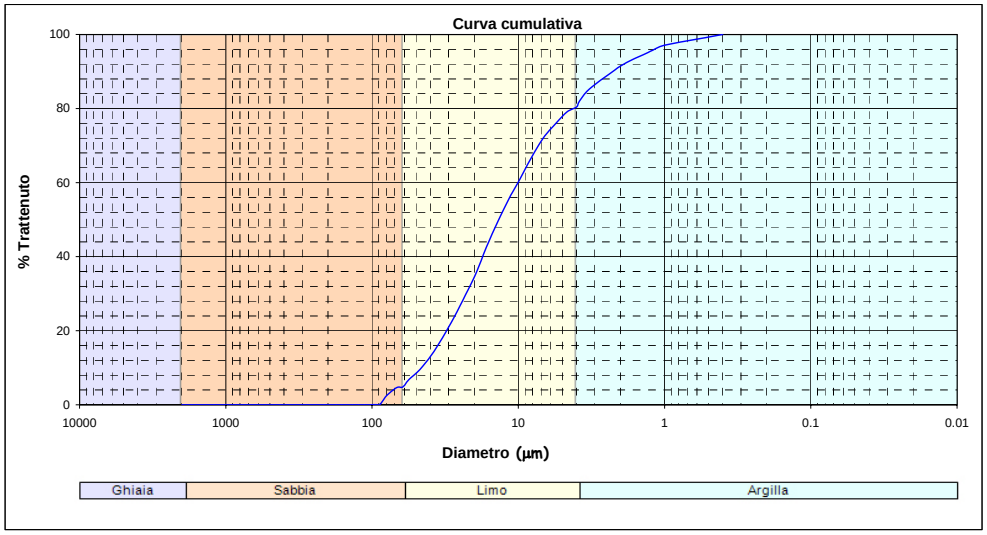
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.04%	0.04%
88.39	3.5		
88.39	3.5	0.17%	0.21%
87	3.523		
87	3.523	2.17%	2.38%
73	3.776		
73	3.776	2.28%	4.66%
62.5	4		
62.5	4	0.14%	4.80%
61	4.035		
61	4.035	1.98%	6.79%
51	4.293		
51	4.293	2.75%	9.54%
43	4.54		
43	4.54	3.78%	13.31%
36	4.796		
36	4.796	4.76%	18.07%
30	5.059		
30	5.059	5.58%	23.65%
25	5.322		
25	5.322	6.02%	29.67%
21	5.573		
21	5.573	5.77%	35.45%
18	5.796		
18	5.796	7.18%	42.62%
15	6.059		
15	6.059	7.04%	49.66%
12.5	6.322		
12.5	6.322	6.26%	55.92%
10.5	6.573		
10.5	6.573	5.03%	60.95%
9	6.796		
9	6.796	5.36%	66.31%
7.5	7.059		
7.5	7.059	5.74%	72.05%
6	7.381		
6	7.381	4.06%	76.11%
5	7.644		
5	7.644	2.98%	79.10%
4.3	7.861		
4.3	7.861	1.34%	80.44%
4	7.966		
4	7.966	1.34%	81.78%
3.7	8.078		
3.7	8.078	2.84%	84.61%
3.1	8.334		
3.1	8.334	2.51%	87.12%
2.6	8.587		
2.6	8.587	2.13%	89.25%
2.2	8.828		
2.2	8.828	2.25%	91.50%
1.8	9.118		
1.8	9.118	1.77%	93.27%
1.5	9.381		
1.5	9.381	1.23%	94.50%
1.3	9.587		
1.3	9.587	1.27%	95.77%
1.1	9.828		
1.1	9.828	1.32%	97.09%
0.9	10.118		
< 0,900	> 10,118	2.91%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 53**
Livello (cm)	**(25-50)**
Peso totale (g)	19.9
Frazione > 63 μm (%)	3.8
Frazione < 63 μm (%)	96.2

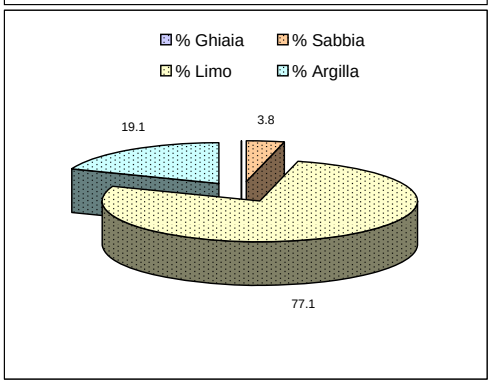
Frazione grossolana (> 63 μm) =	**3.8**
% Ghiaia	**% Sabbia**
0.0	**3.8**

Frazione pelitica (< 63 μm) =	**96.2**
% Limo	**% Argilla**
77.1	**19.1**

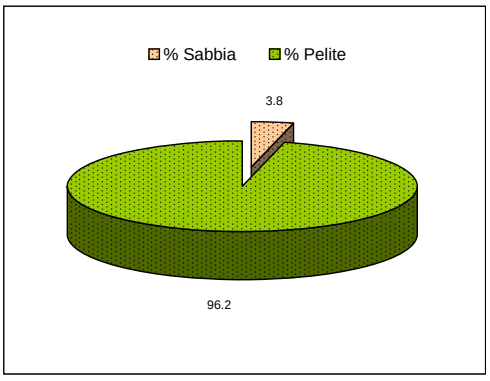
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.530
Deviazione Standard	1.632
Asimmetria (Skewness)	0.202
Appuntimento (Kurtosis)	1.055
Mediana (Φ)	6.329
Moda (Φ)	6.500

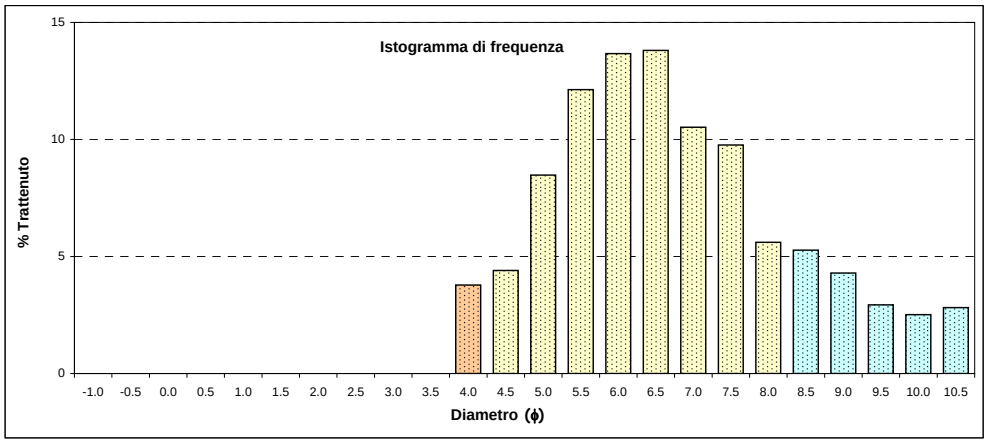
Percentili (Φ)	
5	4.194
16	5.019
25	5.418
50	6.329
75	7.537
84	8.241
95	9.648

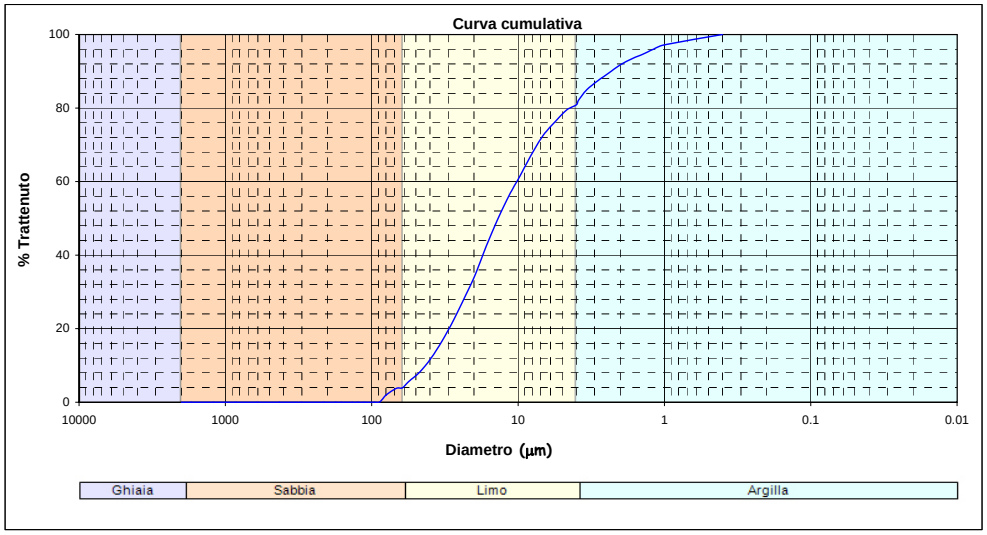
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.14%	0.14%
87	3.523		
87	3.523	1.75%	1.90%
73	3.776		
73	3.776	1.89%	3.78%
62.5	4		
62.5	4	0.11%	3.90%
61	4.035		
61	4.035	1.73%	5.63%
51	4.293		
51	4.293	2.55%	8.19%
43	4.54		
43	4.54	3.68%	11.86%
36	4.796		
36	4.796	4.80%	16.67%
30	5.059		
30	5.059	5.79%	22.45%
25	5.322		
25	5.322	6.34%	28.80%
21	5.573		
21	5.573	6.11%	34.90%
18	5.796		
18	5.796	7.56%	42.46%
15	6.059		
15	6.059	7.35%	49.81%
12.5	6.322		
12.5	6.322	6.46%	56.27%
10.5	6.573		
10.5	6.573	5.12%	61.39%
9	6.796		
9	6.796	5.40%	66.79%
7.5	7.059		
7.5	7.059	5.73%	72.52%
6	7.381		
6	7.381	4.03%	76.56%
5	7.644		
5	7.644	2.95%	79.51%
4.3	7.861		
4.3	7.861	1.33%	80.84%
4	7.966		
4	7.966	1.33%	82.16%
3.7	8.078		
3.7	8.078	2.80%	84.96%
3.1	8.334		
3.1	8.334	2.47%	87.44%
2.6	8.587		
2.6	8.587	2.09%	89.53%
2.2	8.828		
2.2	8.828	2.21%	91.73%
1.8	9.118		
1.8	9.118	1.74%	93.47%
1.5	9.381		
1.5	9.381	1.20%	94.67%
1.3	9.587		
1.3	9.587	1.24%	95.90%
1.1	9.828		
1.1	9.828	1.28%	97.18%
0.9	10.118		
< 0,900	> 10,118	2.82%	100.00%

ISPRA
Istituto Superiore per la Protezione e la Ricerca Ambientale

Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 53
Livello (cm)	(50-75)
Peso totale (g)	41.2
Frazione > 63 μm (%)	5.2
Frazione < 63 μm (%)	94.8

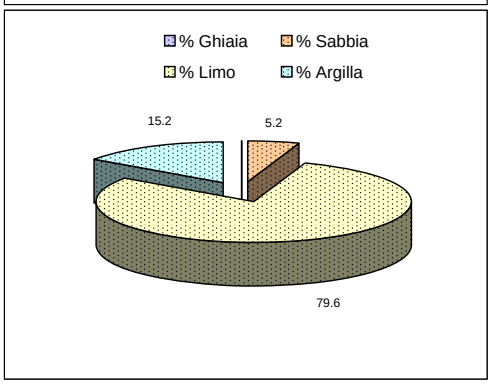
Frazione grossolana (> 63 μm) = 5.2	
% Ghiaia	% Sabbia
0.0	5.2

Frazione pelitica (< 63 μm) = 94.8	
% Limo	% Argilla
79.6	15.2

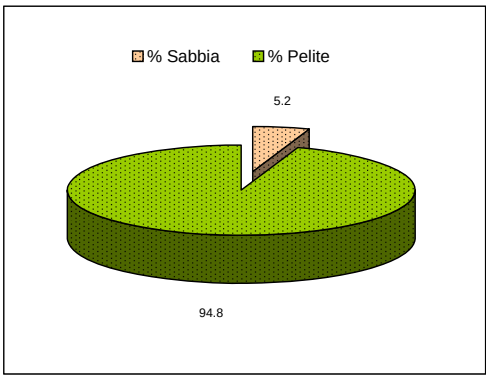
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.251
Deviazione Standard	1.595
Asimmetria (Skewness)	0.203
Appuntimento (Kurtosis)	1.079
Mediana (Φ)	6.068
Moda (Φ)	6.000

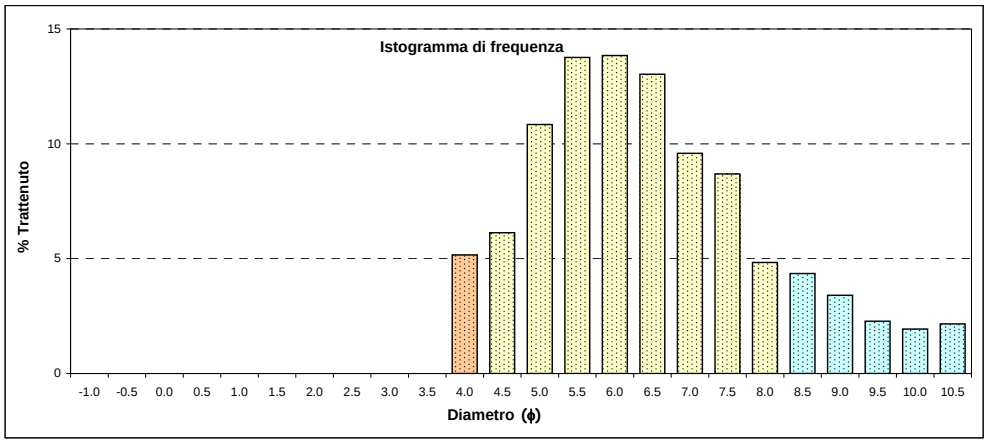
Percentili (Φ)	
5	3.985
16	4.788
25	5.164
50	6.068
75	7.217
84	7.897
95	9.386

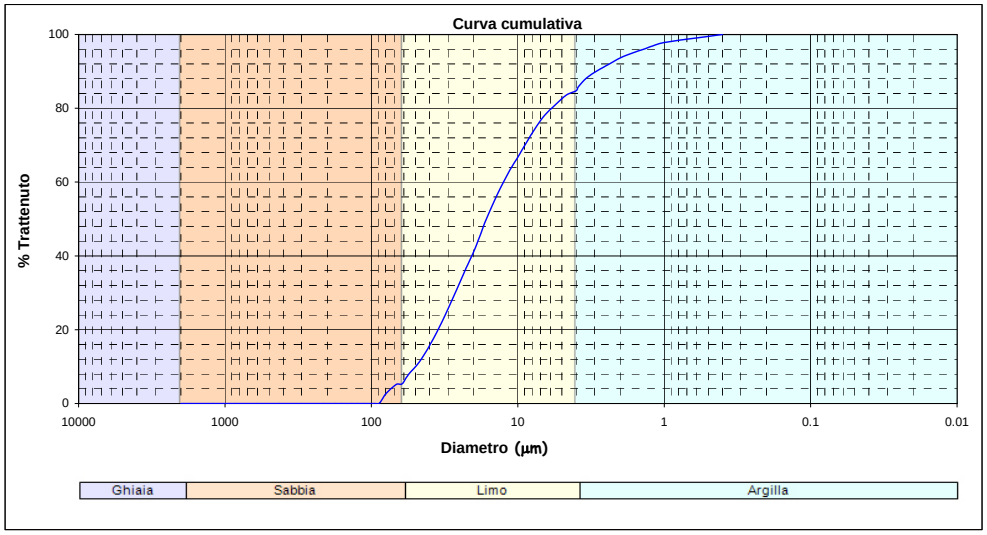
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.19%	0.19%
87	3.523		
87	3.523	2.38%	2.57%
73	3.776		
73	3.776	2.60%	5.16%
62.5	4		
62.5	4	0.17%	5.33%
61	4.035		
61	4.035	2.46%	7.79%
51	4.293		
51	4.293	3.50%	11.29%
43	4.54		
43	4.54	4.84%	16.13%
36	4.796		
36	4.796	6.00%	22.13%
30	5.059		
30	5.059	6.78%	28.91%
25	5.322		
25	5.322	6.98%	35.89%
21	5.573		
21	5.573	6.36%	42.24%
18	5.796		
18	5.796	7.49%	49.73%
15	6.059		
15	6.059	7.01%	56.75%
12.5	6.322		
12.5	6.322	6.01%	62.76%
10.5	6.573		
10.5	6.573	4.70%	67.46%
9	6.796		
9	6.796	4.89%	72.35%
7.5	7.059		
7.5	7.059	5.13%	77.47%
6	7.381		
6	7.381	3.56%	81.04%
5	7.644		
5	7.644	2.57%	83.61%
4.3	7.861		
4.3	7.861	1.13%	84.74%
4	7.966		
4	7.966	1.13%	85.87%
3.7	8.078		
3.7	8.078	2.34%	88.21%
3.1	8.334		
3.1	8.334	2.02%	90.22%
2.6	8.587		
2.6	8.587	1.67%	91.89%
2.2	8.828		
2.2	8.828	1.74%	93.63%
1.8	9.118		
1.8	9.118	1.35%	94.98%
1.5	9.381		
1.5	9.381	0.93%	95.90%
1.3	9.587		
1.3	9.587	0.95%	96.86%
1.1	9.828		
1.1	9.828	0.98%	97.84%
0.9	10.118		
< 0,900	> 10,118	2.16%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 53
Livello (cm)	(75-100)
Peso totale (g)	22.5
Frazione > 63 μm (%)	5.4
Frazione < 63 μm (%)	94.6

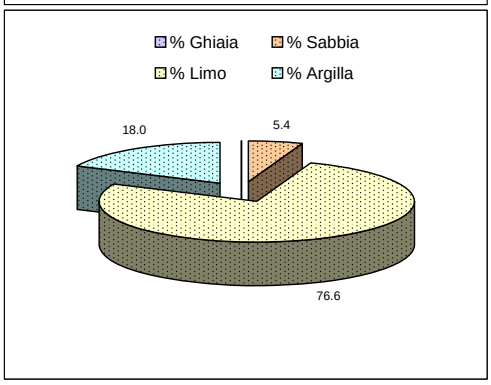
Frazione grossolana (> 63 μm) = 5.4	
% Ghiaia	% Sabbia
0.0	5.4

Frazione pelitica (< 63 μm) = 94.6	
% Limo	% Argilla
76.6	18.0

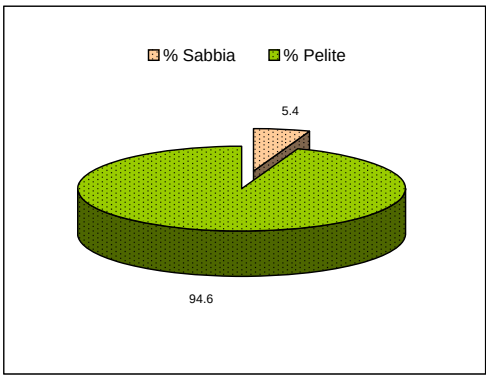
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.395
Deviazione Standard	1.684
Asimmetria (Skewness)	0.222
Appuntimento (Kurtosis)	1.103
Mediana (Φ)	6.156
Moda (Φ)	6.000

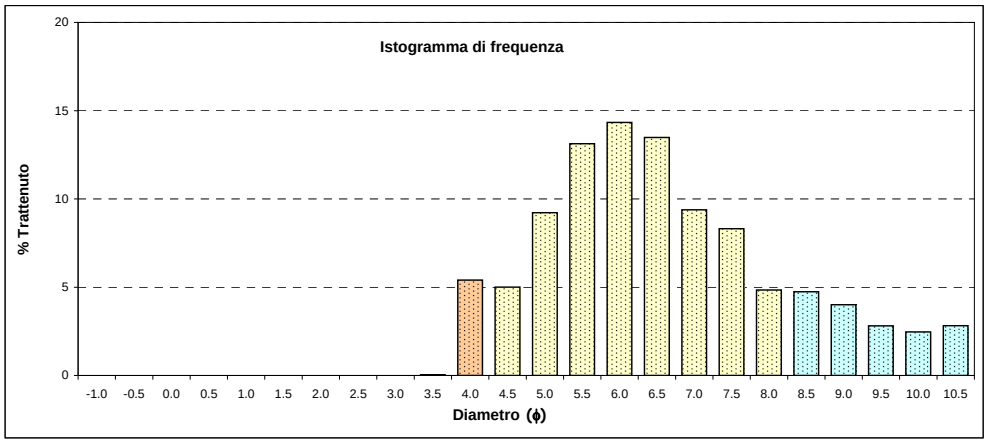
Percentili (Φ)	
5	3.959
16	4.869
25	5.279
50	6.156
75	7.389
84	8.160
95	9.641

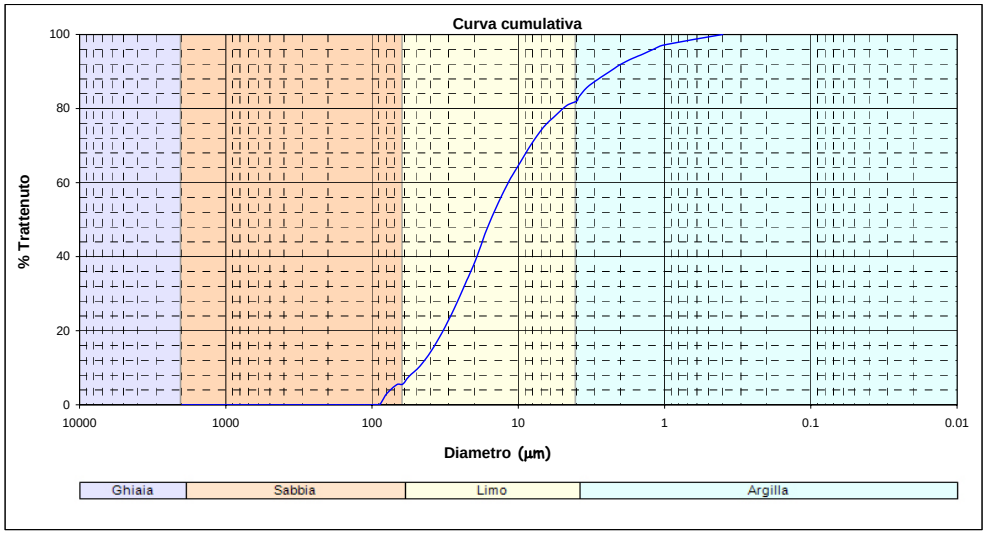
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.04%	0.04%
88.39	3.5		
88.39	3.5	0.21%	0.25%
87	3.523		
87	3.523	2.59%	2.84%
73	3.776		
73	3.776	2.60%	5.44%
62.5	4		
62.5	4	0.14%	5.59%
61	4.035		
61	4.035	2.02%	7.60%
51	4.293		
51	4.293	2.85%	10.45%
43	4.54		
43	4.54	4.01%	14.46%
36	4.796		
36	4.796	5.21%	19.67%
30	5.059		
30	5.059	6.28%	25.94%
25	5.322		
25	5.322	6.85%	32.79%
21	5.573		
21	5.573	6.50%	39.30%
18	5.796		
18	5.796	7.83%	47.13%
15	6.059		
15	6.059	7.32%	54.45%
12.5	6.322		
12.5	6.322	6.16%	60.61%
10.5	6.573		
10.5	6.573	4.67%	65.28%
9	6.796		
9	6.796	4.72%	70.00%
7.5	7.059		
7.5	7.059	4.88%	74.88%
6	7.381		
6	7.381	3.43%	78.31%
5	7.644		
5	7.644	2.53%	80.84%
4.3	7.861		
4.3	7.861	1.16%	82.00%
4	7.966		
4	7.966	1.16%	83.15%
3.7	8.078		
3.7	8.078	2.49%	85.64%
3.1	8.334		
3.1	8.334	2.25%	87.89%
2.6	8.587		
2.6	8.587	1.93%	89.82%
2.2	8.828		
2.2	8.828	2.08%	91.90%
1.8	9.118		
1.8	9.118	1.66%	93.56%
1.5	9.381		
1.5	9.381	1.16%	94.72%
1.3	9.587		
1.3	9.587	1.21%	95.92%
1.1	9.828		
1.1	9.828	1.26%	97.18%
0.9	10.118		
< 0,900	> 10,118	2.82%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 54
Livello (cm)	(0-25)
Peso totale (g)	40.1
Frazione > 63 μm (%)	6.9
Frazione < 63 μm (%)	93.1

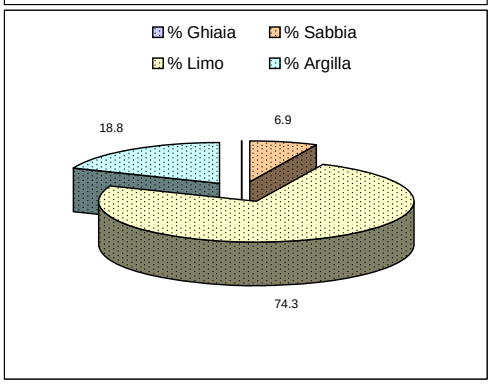
Frazione grossolana (> 63 μm) = 6.9	
% Ghiaia	% Sabbia
0.0	6.9

Frazione pelitica (< 63 μm) = 93.1	
% Limo	% Argilla
74.3	18.8

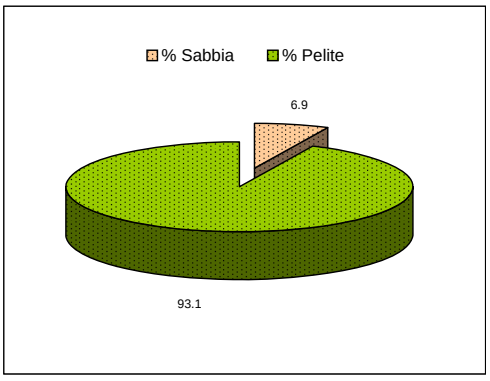
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.446
Deviazione Standard	1.739
Asimmetria (Skewness)	0.157
Appuntimento (Kurtosis)	1.122
Mediana (Φ)	6.250
Moda (Φ)	6.000

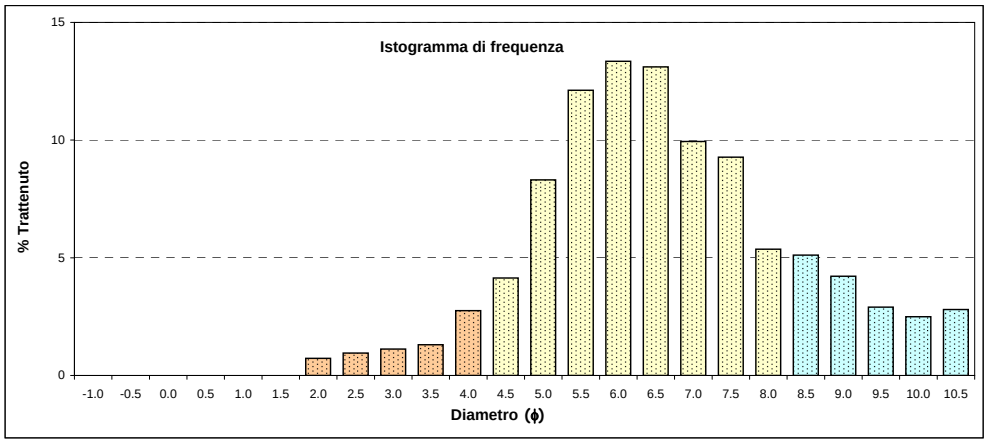
Percentili (Φ)	
5	3.682
16	4.871
25	5.317
50	6.250
75	7.493
84	8.216
95	9.642

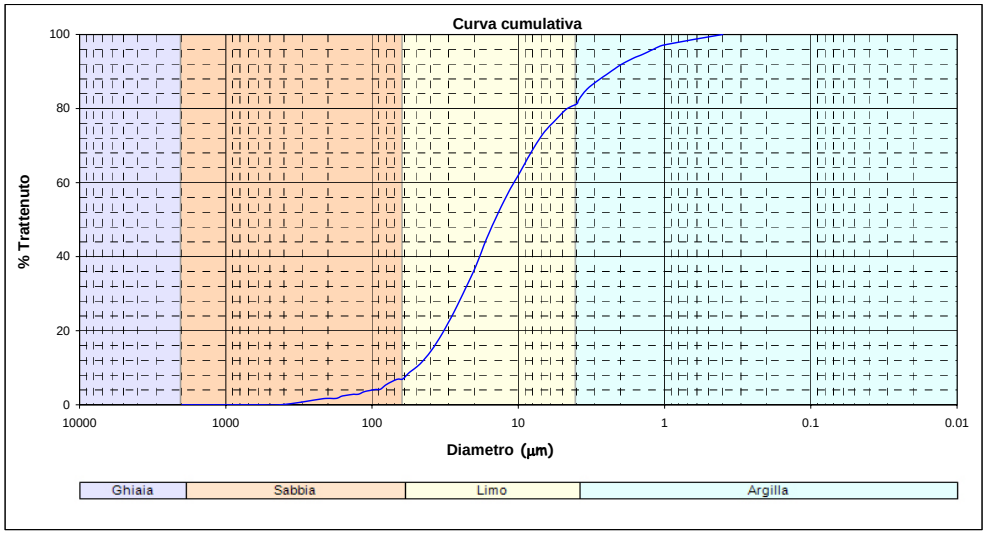
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.72%	0.72%
250	2		
250	2	0.95%	1.67%
176.78	2.5		
176.78	2.5	0.04%	1.71%
175	2.515		
175	2.515	0.61%	2.32%
147	2.766		
147	2.766	0.48%	2.80%
125	3		
125	3	0.07%	2.87%
123	3.023		
123	3.023	0.68%	3.55%
103	3.279		
103	3.279	0.56%	4.10%
88.39	3.5		
88.39	3.5	0.09%	4.19%
87	3.523		
87	3.523	1.24%	5.43%
73	3.776		
73	3.776	1.43%	6.86%
62.5	4		
62.5	4	0.11%	6.97%
61	4.035		
61	4.035	1.62%	8.59%
51	4.293		
51	4.293	2.41%	11.00%
43	4.54		
43	4.54	3.56%	14.56%
36	4.796		
36	4.796	4.76%	19.31%
30	5.059		
30	5.059	5.79%	25.10%
25	5.322		
25	5.322	6.33%	31.43%
21	5.573		
21	5.573	6.02%	37.45%
18	5.796		
18	5.796	7.33%	44.78%
15	6.059		
15	6.059	7.01%	51.79%
12.5	6.322		
12.5	6.322	6.10%	57.89%
10.5	6.573		
10.5	6.573	4.83%	62.73%
9	6.796		
9	6.796	5.11%	67.83%
7.5	7.059		
7.5	7.059	5.44%	73.27%
6	7.381		
6	7.381	3.84%	77.11%
5	7.644		
5	7.644	2.82%	79.93%
4.3	7.861		
4.3	7.861	1.27%	81.20%
4	7.966		
4	7.966	1.27%	82.48%
3.7	8.078		
3.7	8.078	2.71%	85.18%
3.1	8.334		
3.1	8.334	2.41%	87.59%
2.6	8.587		
2.6	8.587	2.05%	89.63%
2.2	8.828		
2.2	8.828	2.17%	91.80%
1.8	9.118		
1.8	9.118	1.71%	93.52%
1.5	9.381		
1.5	9.381	1.19%	94.70%
1.3	9.587		
1.3	9.587	1.23%	95.93%
1.1	9.828		
1.1	9.828	1.27%	97.20%
0.9	10.118		
< 0,900	> 10,118	2.80%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 54**
Livello (cm)	**(25-50)**
Peso totale (g)	126.7
Frazione > 63 μm (%)	6.0
Frazione < 63 μm (%)	94.0

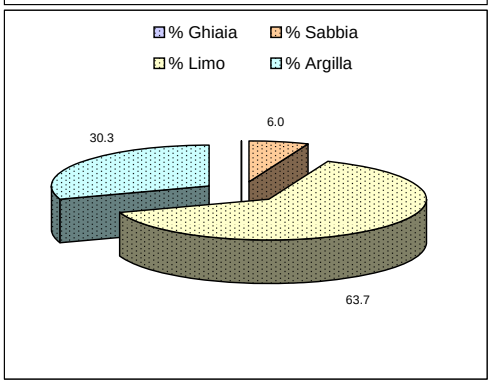
Frazione grossolana (> 63 μm) = 6.0	
% Ghiaia	**% Sabbia**
0.0	**6.0**

Frazione pelitica (< 63 μm) = 94.0	
% Limo	**% Argilla**
63.7	**30.3**

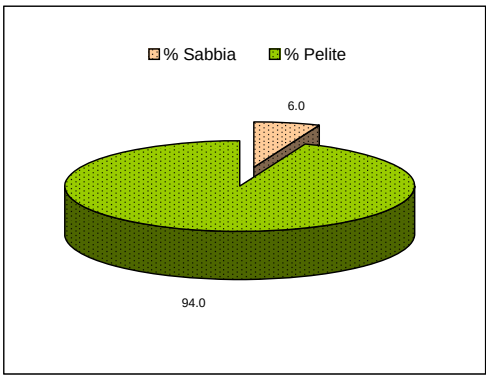
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.925
Deviazione Standard	1.928
Asimmetria (Skewness)	0.039
Appuntimento (Kurtosis)	0.918
Mediana (Φ)	6.869
Moda (Φ)	7.500

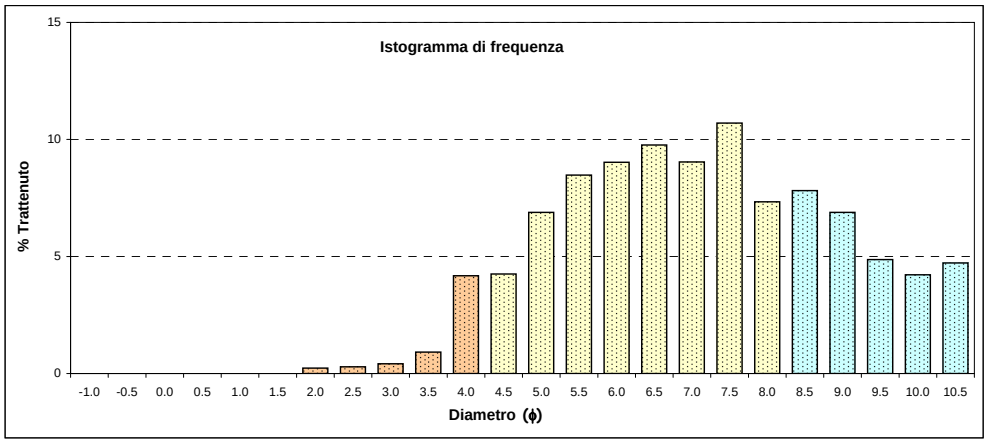
Percentili (Φ)	
5	3.885
16	4.973
25	5.534
50	6.869
75	8.296
84	8.934
95	10.077

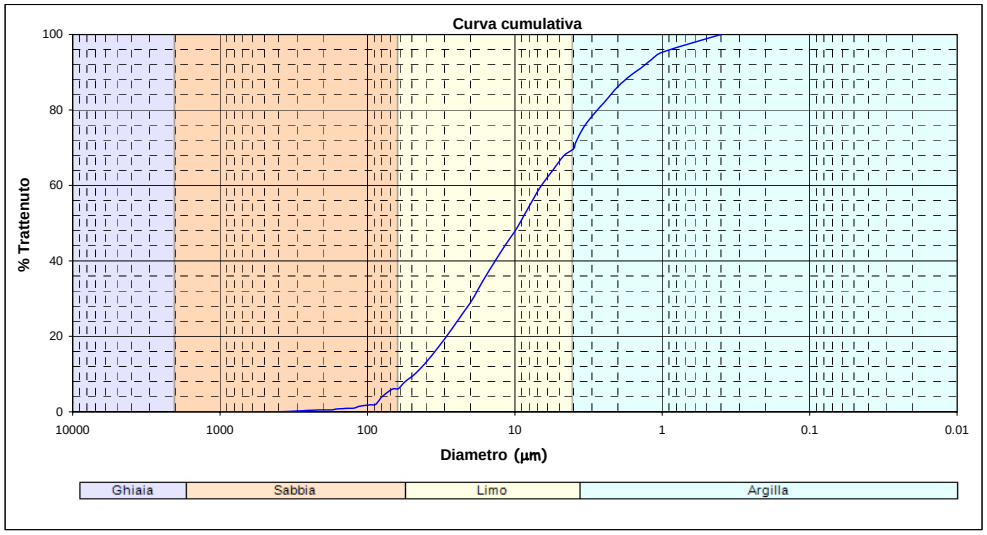
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.23%	0.23%
250	2		
250	2	0.28%	0.51%
176.78	2.5		
176.78	2.5	0.01%	0.53%
175	2.515		
175	2.515	0.23%	0.75%
147	2.766		
147	2.766	0.18%	0.93%
125	3		
125	3	0.05%	0.98%
123	3.023		
123	3.023	0.50%	1.48%
103	3.279		
103	3.279	0.37%	1.85%
88.39	3.5		
88.39	3.5	0.15%	2.00%
87	3.523		
87	3.523	1.95%	3.95%
73	3.776		
73	3.776	2.07%	6.02%
62.5	4		
62.5	4	0.13%	6.15%
61	4.035		
61	4.035	1.75%	7.91%
51	4.293		
51	4.293	2.37%	10.27%
43	4.54		
43	4.54	3.13%	13.40%
36	4.796		
36	4.796	3.75%	17.16%
30	5.059		
30	5.059	4.17%	21.33%
25	5.322		
25	5.322	4.31%	25.63%
21	5.573		
21	5.573	4.03%	29.66%
18	5.796		
18	5.796	5.00%	34.66%
15	6.059		
15	6.059	5.04%	39.70%
12.5	6.322		
12.5	6.322	4.73%	44.42%
10.5	6.573		
10.5	6.573	4.12%	48.54%
9	6.796		
9	6.796	4.92%	53.46%
7.5	7.059		
7.5	7.059	6.00%	59.46%
6	7.381		
6	7.381	4.71%	64.16%
5	7.644		
5	7.644	3.74%	67.90%
4.3	7.861		
4.3	7.861	1.80%	69.70%
4	7.966		
4	7.966	1.80%	71.50%
3.7	8.078		
3.7	8.078	4.05%	75.54%
3.1	8.334		
3.1	8.334	3.77%	79.31%
2.6	8.587		
2.6	8.587	3.30%	82.61%
2.2	8.828		
2.2	8.828	3.58%	86.20%
1.8	9.118		
1.8	9.118	2.87%	89.06%
1.5	9.381		
1.5	9.381	2.00%	91.06%
1.3	9.587		
1.3	9.587	2.07%	93.14%
1.1	9.828		
1.1	9.828	2.14%	95.28%
0.9	10.118		
< 0,900	> 10,118	4.72%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 54**
Livello (cm)	**(50-75)**
Peso totale (g)	94.2
Frazione > 63 μm (%)	3.1
Frazione < 63 μm (%)	96.9

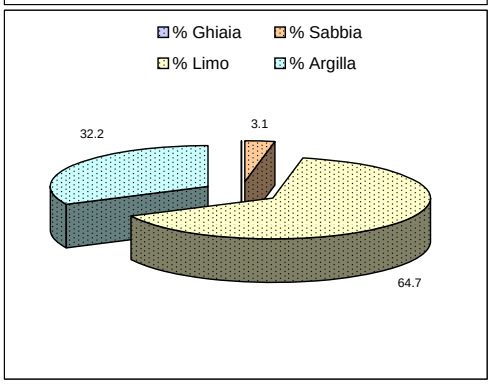
Frazione grossolana (> 63 μm) =	**3.1**
% Ghiaia	**% Sabbia**
0.0	**3.1**

Frazione pelitica (< 63 μm) =	**96.9**
% Limo	**% Argilla**
64.7	**32.2**

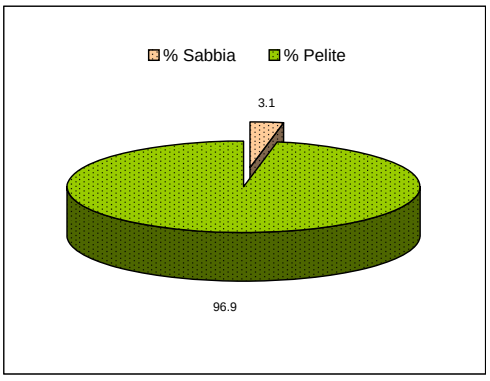
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.075
Deviazione Standard	1.830
Asimmetria (Skewness)	0.054
Appuntimento (Kurtosis)	0.887
Mediana (Φ)	7.023
Moda (Φ)	7.500

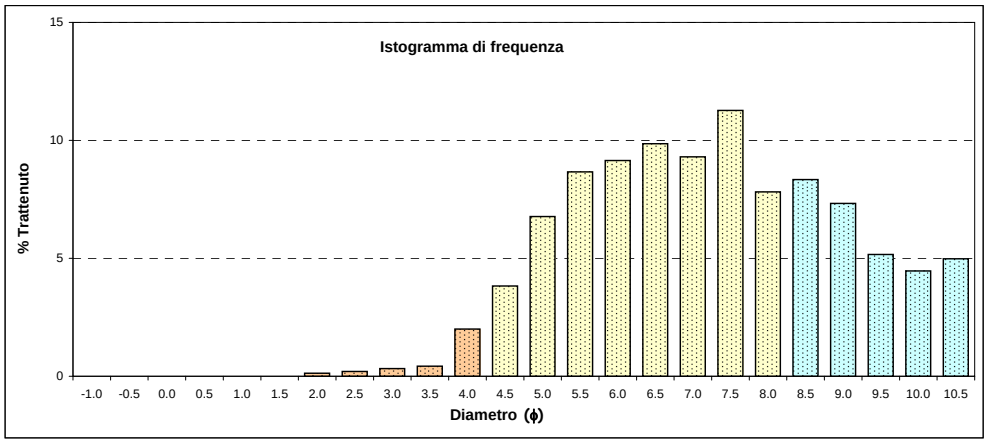
Percentili (Φ)	
5	4.322
16	5.197
25	5.714
50	7.023
75	8.390
84	9.005
95	10.115

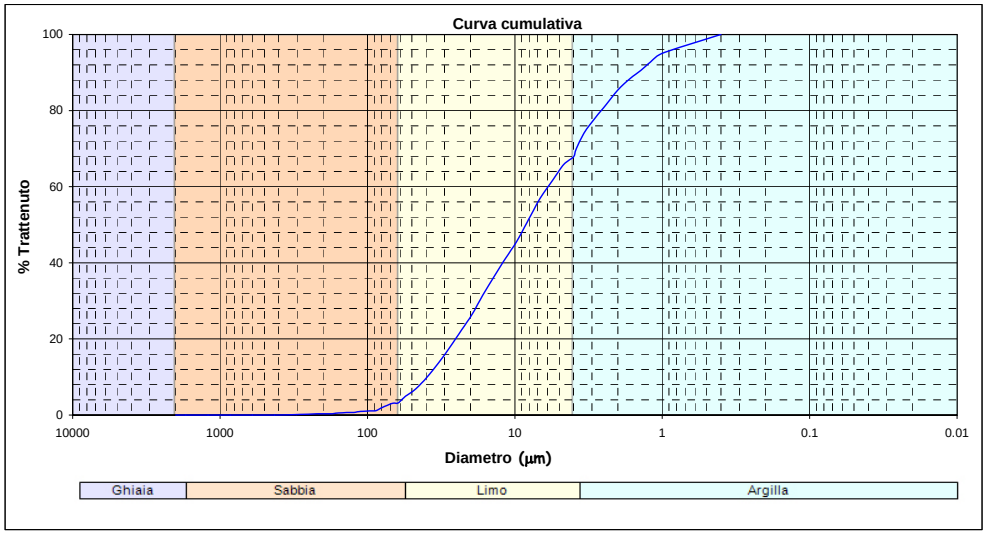
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.13%	0.13%
250	2		
250	2	0.20%	0.33%
176.78	2.5		
176.78	2.5	0.01%	0.34%
175	2.515		
175	2.515	0.18%	0.52%
147	2.766		
147	2.766	0.14%	0.66%
125	3		
125	3	0.02%	0.68%
123	3.023		
123	3.023	0.23%	0.91%
103	3.279		
103	3.279	0.17%	1.08%
88.39	3.5		
88.39	3.5	0.05%	1.13%
87	3.523		
87	3.523	0.82%	1.95%
73	3.776		
73	3.776	1.13%	3.08%
62.5	4		
62.5	4	0.11%	3.19%
61	4.035		
61	4.035	1.54%	4.73%
51	4.293		
51	4.293	2.17%	6.90%
43	4.54		
43	4.54	3.02%	9.92%
36	4.796		
36	4.796	3.75%	13.68%
30	5.059		
30	5.059	4.25%	17.93%
25	5.322		
25	5.322	4.41%	22.34%
21	5.573		
21	5.573	4.10%	26.44%
18	5.796		
18	5.796	5.05%	31.49%
15	6.059		
15	6.059	5.07%	36.56%
12.5	6.322		
12.5	6.322	4.78%	41.35%
10.5	6.573		
10.5	6.573	4.21%	45.55%
9	6.796		
9	6.796	5.09%	50.65%
7.5	7.059		
7.5	7.059	6.29%	56.94%
6	7.381		
6	7.381	4.98%	61.92%
5	7.644		
5	7.644	3.98%	65.90%
4.3	7.861		
4.3	7.861	1.92%	67.81%
4	7.966		
4	7.966	1.92%	69.73%
3.7	8.078		
3.7	8.078	4.32%	74.05%
3.1	8.334		
3.1	8.334	4.02%	78.07%
2.6	8.587		
2.6	8.587	3.52%	81.58%
2.2	8.828		
2.2	8.828	3.81%	85.39%
1.8	9.118		
1.8	9.118	3.04%	88.44%
1.5	9.381		
1.5	9.381	2.12%	90.56%
1.3	9.587		
1.3	9.587	2.20%	92.75%
1.1	9.828		
1.1	9.828	2.27%	95.02%
0.9	10.118		
< 0,900	> 10,118	4.98%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 54**
Livello (cm)	**(75-100)**
Peso totale (g)	85.6
Frazione > 63 μm (%)	2.5
Frazione < 63 μm (%)	97.5

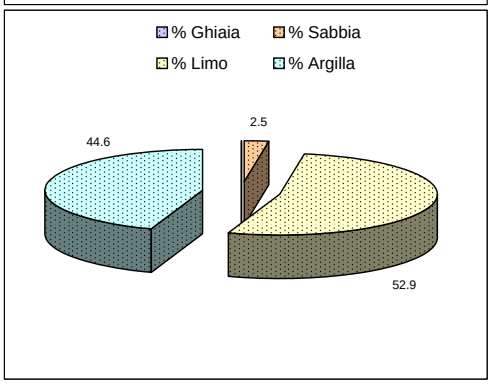
Frazione grossolana (> 63 μm) =	**2.5**
% Ghiaia	**% Sabbia**
0.0	**2.5**

Frazione pelitica (< 63 μm) =	**97.5**
% Limo	**% Argilla**
52.9	**44.6**

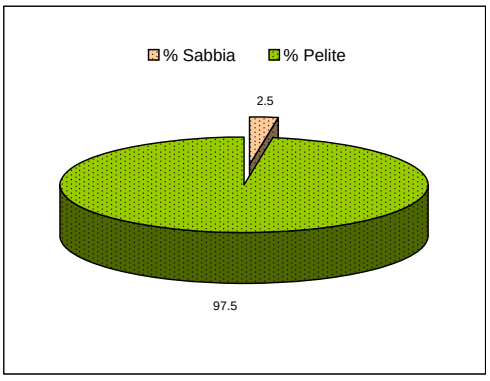
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.740
Deviazione Standard	1.661
Asimmetria (Skewness)	0.012
Appuntimento (Kurtosis)	0.896
Mediana (Φ)	7.716
Moda (Φ)	7.500

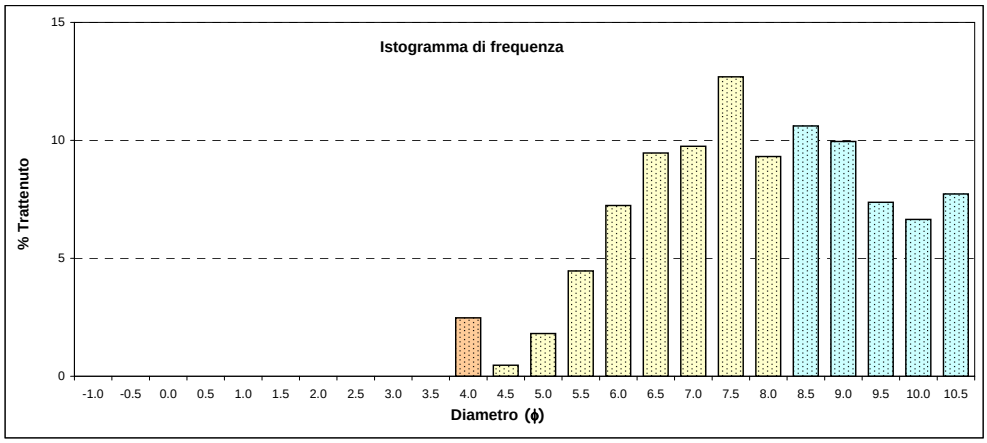
Percentili (Φ)	
5	5.091
16	6.028
25	6.521
50	7.716
75	8.932
84	9.474
95	10.364

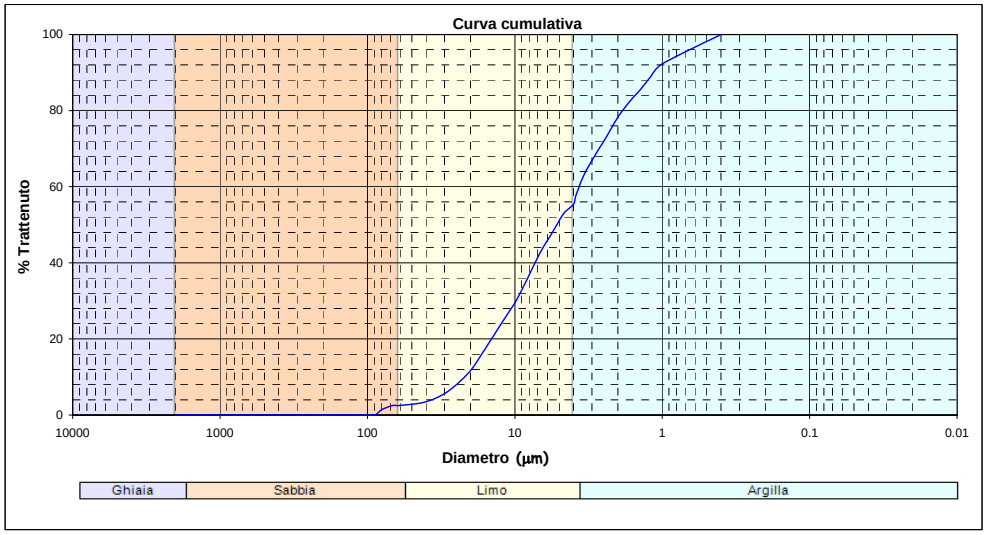
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.13%	0.13%
87	3.523		
87	3.523	1.31%	1.44%
73	3.776		
73	3.776	1.04%	2.47%
62.5	4		
62.5	4	0.01%	2.48%
61	4.035		
61	4.035	0.15%	2.63%
51	4.293		
51	4.293	0.31%	2.94%
43	4.54		
43	4.54	0.64%	3.58%
36	4.796		
36	4.796	1.17%	4.75%
30	5.059		
30	5.059	1.88%	6.63%
25	5.322		
25	5.322	2.59%	9.22%
21	5.573		
21	5.573	2.96%	12.19%
18	5.796		
18	5.796	4.27%	16.46%
15	6.059		
15	6.059	4.74%	21.20%
12.5	6.322		
12.5	6.322	4.72%	25.92%
10.5	6.573		
10.5	6.573	4.32%	30.24%
9	6.796		
9	6.796	5.43%	35.67%
7.5	7.059		
7.5	7.059	6.99%	42.66%
6	7.381		
6	7.381	5.71%	48.37%
5	7.644		
5	7.644	4.68%	53.04%
4.3	7.861		
4.3	7.861	2.32%	55.36%
4	7.966		
4	7.966	2.32%	57.68%
3.7	8.078		
3.7	8.078	5.41%	63.09%
3.1	8.334		
3.1	8.334	5.20%	68.29%
2.6	8.587		
2.6	8.587	4.70%	73.00%
2.2	8.828		
2.2	8.828	5.25%	78.25%
1.8	9.118		
1.8	9.118	4.31%	82.56%
1.5	9.381		
1.5	9.381	3.06%	85.62%
1.3	9.587		
1.3	9.587	3.24%	88.86%
1.1	9.828		
1.1	9.828	3.41%	92.27%
0.9	10.118		
< 0,900	> 10,118	7.73%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 54**
Livello (cm)	**(100-125)**
Peso totale (g)	88.1
Frazione > 63 μm (%)	4.0
Frazione < 63 μm (%)	96.0

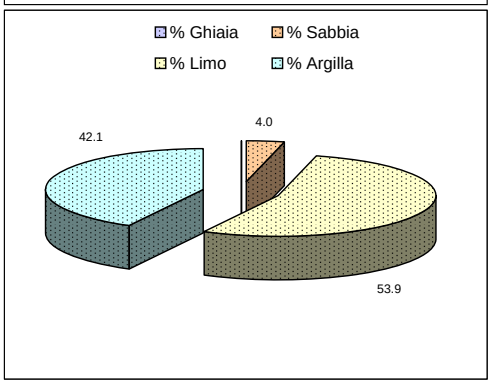
Frazione grossolana (> 63 μm) =	**4.0**
% Ghiaia	**% Sabbia**
0.0	**4.0**

Frazione pelitica (< 63 μm) =	**96.0**
% Limo	**% Argilla**
53.9	**42.1**

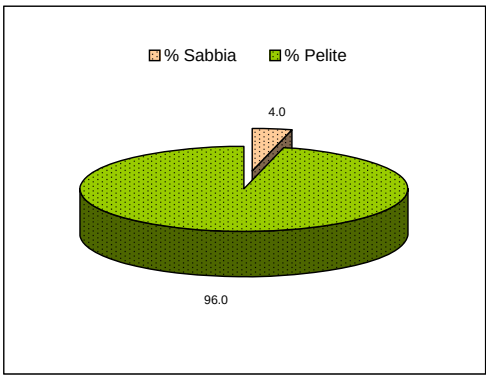
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.564
Deviazione Standard	1.824
Asimmetria (Skewness)	-0.053
Appuntimento (Kurtosis)	0.968
Mediana (Φ)	7.590
Moda (Φ)	7.500

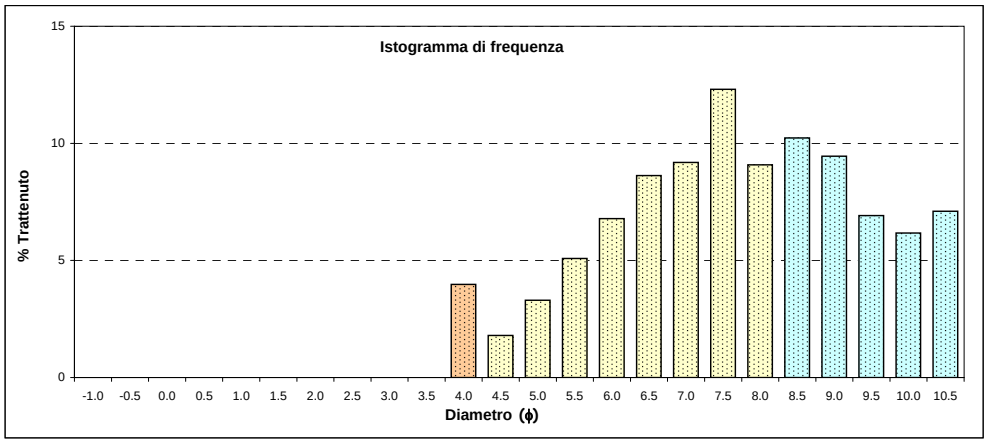
Percentili (Φ)	
5	4.347
16	5.713
25	6.306
50	7.590
75	8.836
84	9.390
95	10.321

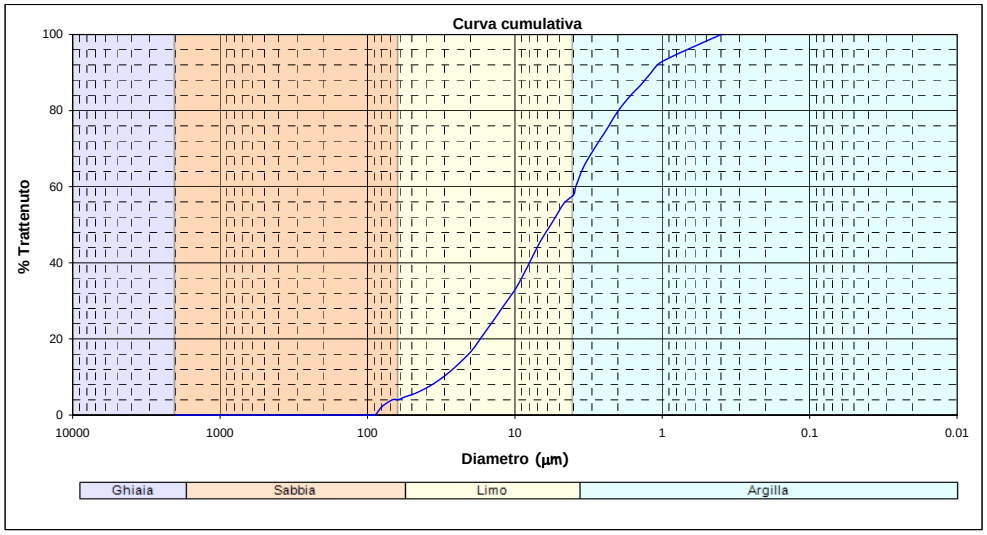
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.18%	0.18%
87	3.523		
87	3.523	2.02%	2.20%
73	3.776		
73	3.776	1.78%	3.98%
62.5	4		
62.5	4	0.06%	4.03%
61	4.035		
61	4.035	0.73%	4.76%
51	4.293		
51	4.293	1.01%	5.77%
43	4.54		
43	4.54	1.43%	7.20%
36	4.796		
36	4.796	1.88%	9.07%
30	5.059		
30	5.059	2.34%	11.42%
25	5.322		
25	5.322	2.74%	14.16%
21	5.573		
21	5.573	2.86%	17.01%
18	5.796		
18	5.796	3.93%	20.94%
15	6.059		
15	6.059	4.30%	25.24%
12.5	6.322		
12.5	6.322	4.32%	29.57%
10.5	6.573		
10.5	6.573	4.02%	33.59%
9	6.796		
9	6.796	5.16%	38.75%
7.5	7.059		
7.5	7.059	6.75%	45.50%
6	7.381		
6	7.381	5.56%	51.06%
5	7.644		
5	7.644	4.57%	55.62%
4.3	7.861		
4.3	7.861	2.26%	57.88%
4	7.966		
4	7.966	2.26%	60.14%
3.7	8.078		
3.7	8.078	5.23%	65.37%
3.1	8.334		
3.1	8.334	5.00%	70.37%
2.6	8.587		
2.6	8.587	4.48%	74.85%
2.2	8.828		
2.2	8.828	4.97%	79.82%
1.8	9.118		
1.8	9.118	4.05%	83.87%
1.5	9.381		
1.5	9.381	2.86%	86.73%
1.3	9.587		
1.3	9.587	3.01%	89.74%
1.1	9.828		
1.1	9.828	3.16%	92.90%
0.9	10.118		
< 0,900	> 10,118	7.10%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 54
Livello (cm)	(125-150)
Peso totale (g)	118.2
Frazione > 63 μm (%)	6.3
Frazione < 63 μm (%)	93.7

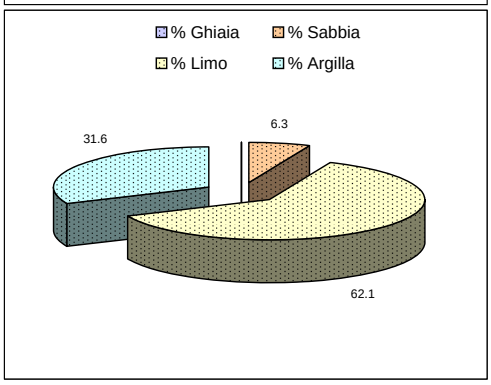
Frazione grossolana (> 63 μm) = 6.3	
% Ghiaia	% Sabbia
0.0	6.3

Frazione pelitica (< 63 μm) = 93.7	
% Limo	% Argilla
62.1	31.6

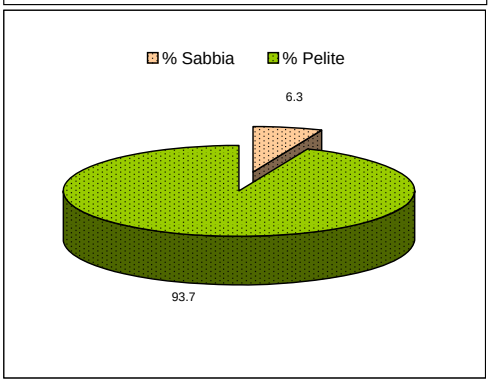
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.912
Deviazione Standard	2.003
Asimmetria (Skewness)	0.048
Appuntimento (Kurtosis)	0.852
Mediana (Φ)	6.856
Moda (Φ)	7.500

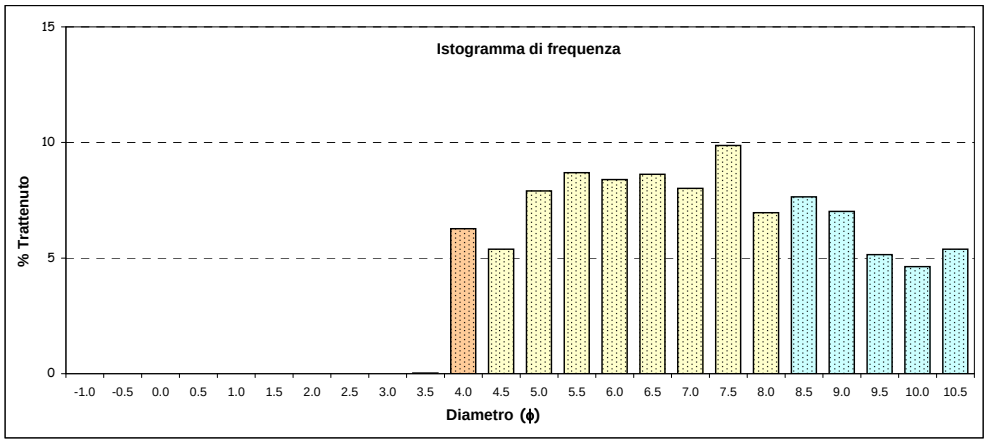
Percentili (Φ)	
5	3.900
16	4.831
25	5.377
50	6.856
75	8.392
84	9.048
95	10.165

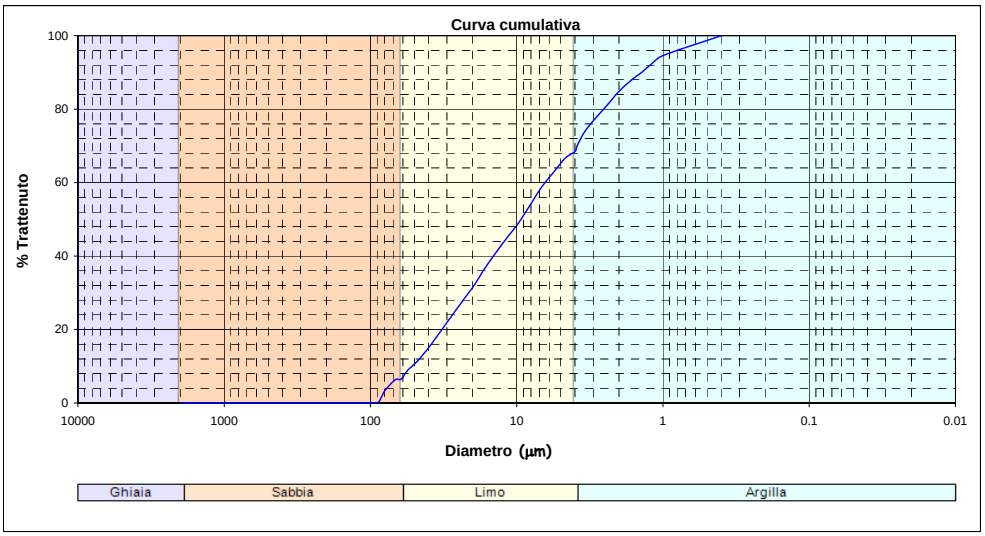
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.03%	0.03%
88.39	3.5		
88.39	3.5	0.24%	0.27%
87	3.523		
87	3.523	3.00%	3.26%
73	3.776		
73	3.776	3.03%	6.30%
62.5	4		
62.5	4	0.18%	6.48%
61	4.035		
61	4.035	2.27%	8.75%
51	4.293		
51	4.293	2.93%	11.68%
43	4.54		
43	4.54	3.70%	15.39%
36	4.796		
36	4.796	4.20%	19.59%
30	5.059		
30	5.059	4.40%	23.99%
25	5.322		
25	5.322	4.29%	28.28%
21	5.573		
21	5.573	3.83%	32.11%
18	5.796		
18	5.796	4.57%	36.68%
15	6.059		
15	6.059	4.48%	41.16%
12.5	6.322		
12.5	6.322	4.15%	45.31%
10.5	6.573		
10.5	6.573	3.62%	48.93%
9	6.796		
9	6.796	4.40%	53.32%
7.5	7.059		
7.5	7.059	5.49%	58.81%
6	7.381		
6	7.381	4.38%	63.20%
5	7.644		
5	7.644	3.53%	66.72%
4.3	7.861		
4.3	7.861	1.72%	68.44%
4	7.966		
4	7.966	1.72%	70.16%
3.7	8.078		
3.7	8.078	3.93%	74.09%
3.1	8.334		
3.1	8.334	3.72%	77.81%
2.6	8.587		
2.6	8.587	3.33%	81.14%
2.2	8.828		
2.2	8.828	3.69%	84.83%
1.8	9.118		
1.8	9.118	3.01%	87.84%
1.5	9.381		
1.5	9.381	2.14%	89.98%
1.3	9.587		
1.3	9.587	2.26%	92.24%
1.1	9.828		
1.1	9.828	2.38%	94.61%
0.9	10.118		
< 0,900	> 10,118	5.39%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 54**
Livello (cm)	**(150-175)**
Peso totale (g)	123.7
Frazione > 63 μm (%)	5.9
Frazione < 63 μm (%)	94.1

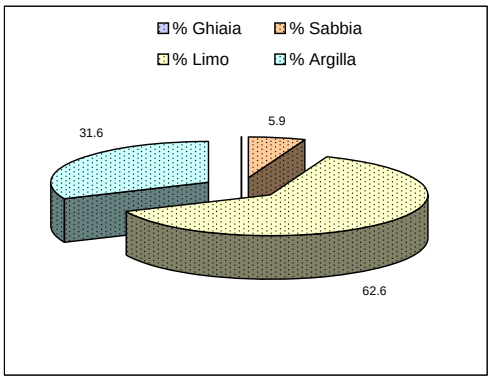
Frazione grossolana (> 63 μm) = 5.9	
% Ghiaia	**% Sabbia**
0.0	**5.9**

Frazione pelitica (< 63 μm) = 94.1	
% Limo	**% Argilla**
62.6	**31.6**

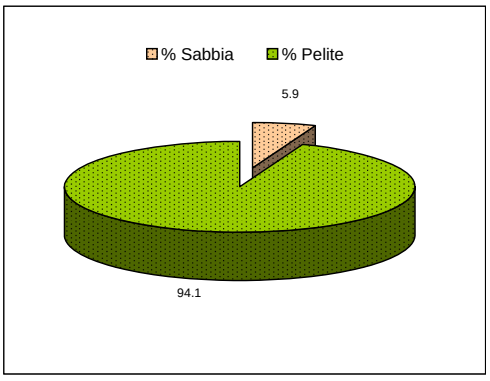
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.964
Deviazione Standard	1.955
Asimmetria (Skewness)	0.066
Appuntimento (Kurtosis)	0.883
Mediana (Φ)	6.862
Moda (Φ)	7.500

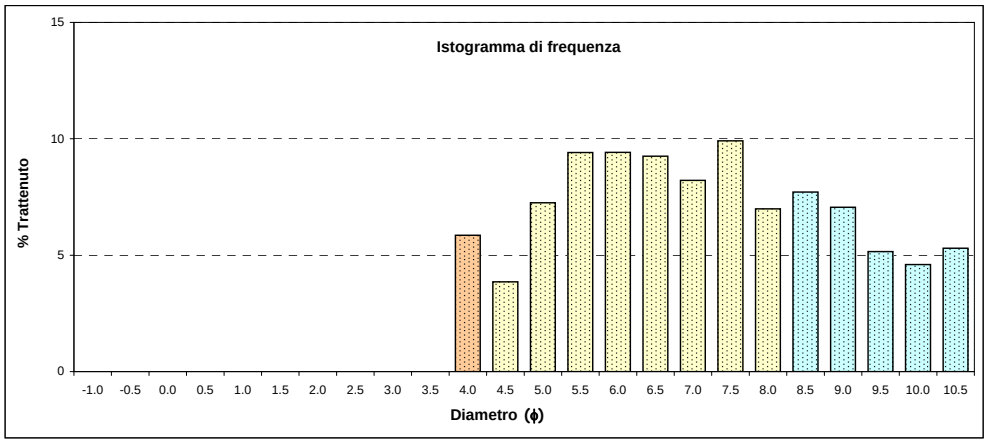
Percentili (Φ)	
5	3.925
16	4.992
25	5.496
50	6.862
75	8.388
84	9.038
95	10.155

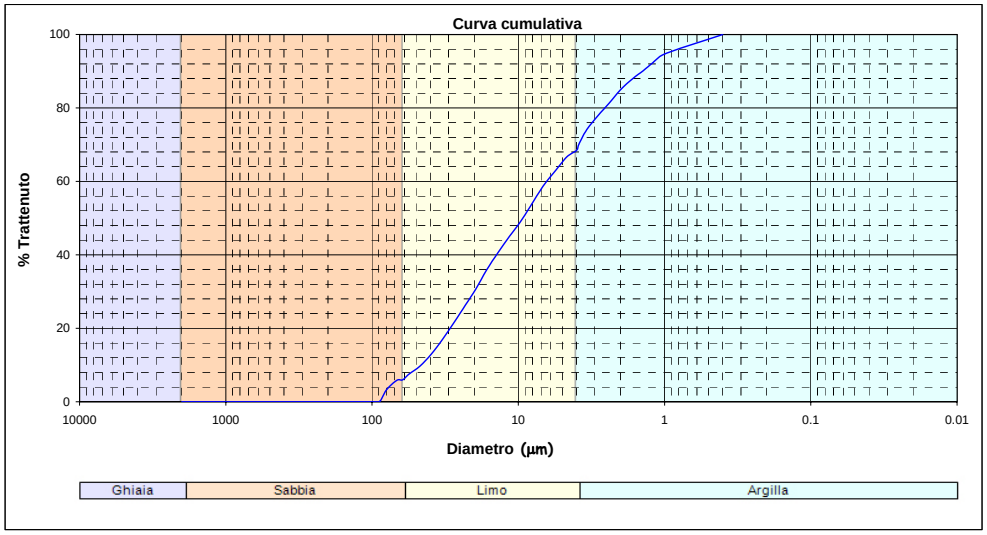
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.26%	0.26%
87	3.523		
87	3.523	2.91%	3.17%
73	3.776		
73	3.776	2.68%	5.86%
62.5	4		
62.5	4	0.10%	5.96%
61	4.035		
61	4.035	1.52%	7.48%
51	4.293		
51	4.293	2.23%	9.71%
43	4.54		
43	4.54	3.19%	12.91%
36	4.796		
36	4.796	4.06%	16.97%
30	5.059		
30	5.059	4.64%	21.61%
25	5.322		
25	5.322	4.77%	26.38%
21	5.573		
21	5.573	4.32%	30.70%
18	5.796		
18	5.796	5.10%	35.80%
15	6.059		
15	6.059	4.87%	40.67%
12.5	6.322		
12.5	6.322	4.39%	45.05%
10.5	6.573		
10.5	6.573	3.74%	48.80%
9	6.796		
9	6.796	4.47%	53.27%
7.5	7.059		
7.5	7.059	5.52%	58.78%
6	7.381		
6	7.381	4.40%	63.18%
5	7.644		
5	7.644	3.54%	66.72%
4.3	7.861		
4.3	7.861	1.73%	68.45%
4	7.966		
4	7.966	1.73%	70.17%
3.7	8.078		
3.7	8.078	3.96%	74.13%
3.1	8.334		
3.1	8.334	3.75%	77.89%
2.6	8.587		
2.6	8.587	3.35%	81.24%
2.2	8.828		
2.2	8.828	3.71%	84.95%
1.8	9.118		
1.8	9.118	3.02%	87.97%
1.5	9.381		
1.5	9.381	2.13%	90.10%
1.3	9.587		
1.3	9.587	2.25%	92.35%
1.1	9.828		
1.1	9.828	2.35%	94.70%
0.9	10.118		
< 0,900	> 10,118	5.30%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 54**
Livello (cm)	**(175-200)**
Peso totale (g)	102.8
Frazione > 63 μm (%)	3.9
Frazione < 63 μm (%)	96.1

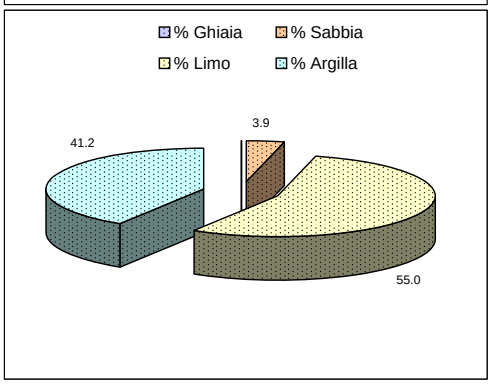
Frazione grossolana (> 63 μm) = 3.9	
% Ghiaia	**% Sabbia**
0.0	**3.9**

Frazione pelitica (< 63 μm) = 96.1	
% Limo	**% Argilla**
55.0	**41.2**

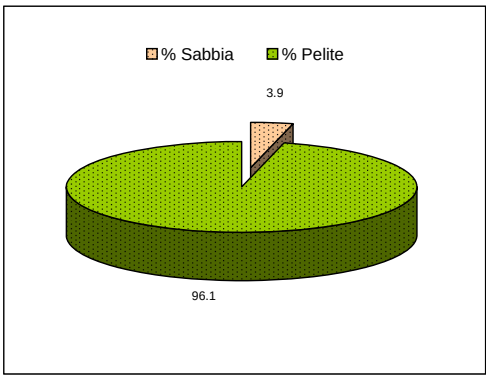
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.550
Deviazione Standard	1.806
Asimmetria (Skewness)	-0.001
Appuntimento (Kurtosis)	0.918
Mediana (Φ)	7.516
Moda (Φ)	7.500

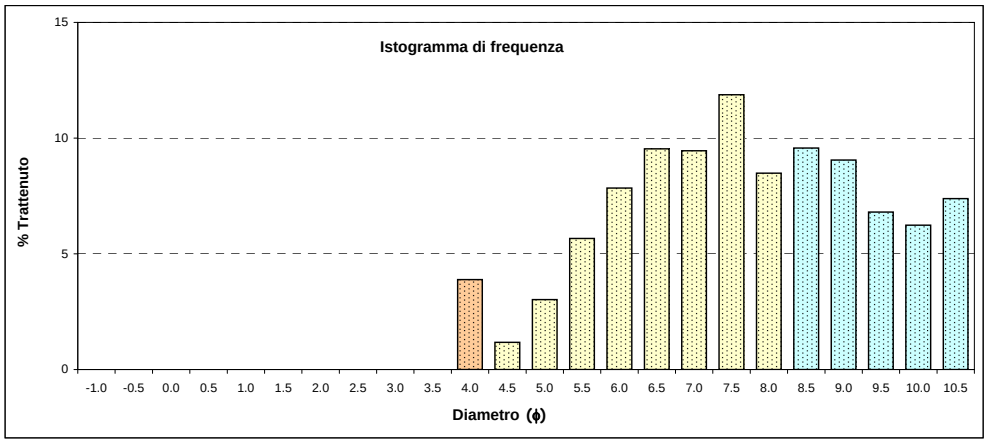
Percentili (Φ)	
5	4.515
16	5.720
25	6.239
50	7.516
75	8.841
84	9.413
95	10.341

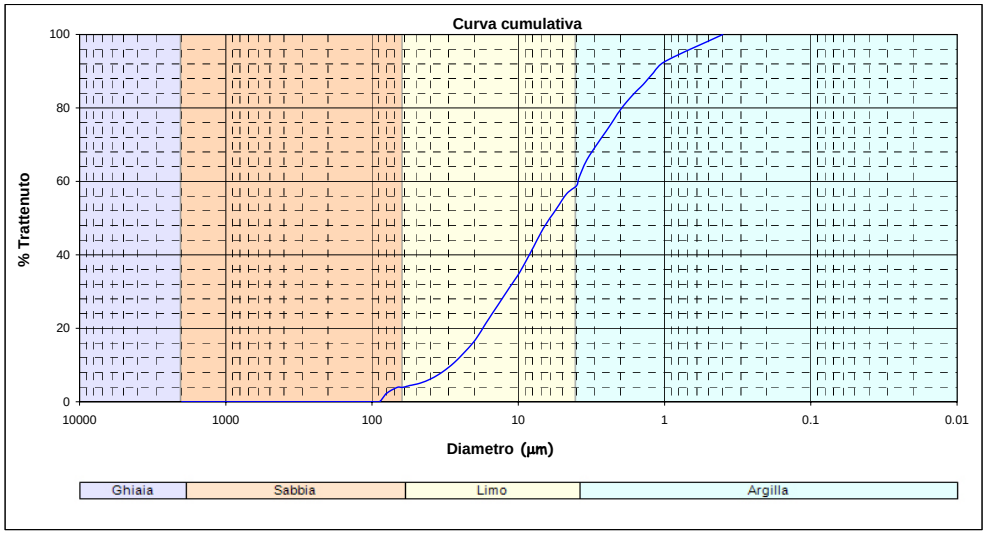
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.20%	0.20%
87	3.523		
87	3.523	2.02%	2.22%
73	3.776		
73	3.776	1.67%	3.89%
62.5	4		
62.5	4	0.03%	3.92%
61	4.035		
61	4.035	0.43%	4.35%
51	4.293		
51	4.293	0.72%	5.07%
43	4.54		
43	4.54	1.20%	6.27%
36	4.796		
36	4.796	1.82%	8.09%
30	5.059		
30	5.059	2.53%	10.62%
25	5.322		
25	5.322	3.13%	13.75%
21	5.573		
21	5.573	3.32%	17.07%
18	5.796		
18	5.796	4.52%	21.59%
15	6.059		
15	6.059	4.83%	26.42%
12.5	6.322		
12.5	6.322	4.71%	31.13%
10.5	6.573		
10.5	6.573	4.23%	35.36%
9	6.796		
9	6.796	5.23%	40.58%
7.5	7.059		
7.5	7.059	6.58%	47.17%
6	7.381		
6	7.381	5.29%	52.46%
5	7.644		
5	7.644	4.28%	56.74%
4.3	7.861		
4.3	7.861	2.10%	58.84%
4	7.966		
4	7.966	2.10%	60.94%
3.7	8.078		
3.7	8.078	4.88%	65.82%
3.1	8.334		
3.1	8.334	4.70%	70.52%
2.6	8.587		
2.6	8.587	4.26%	74.78%
2.2	8.828		
2.2	8.828	4.79%	79.57%
1.8	9.118		
1.8	9.118	3.96%	83.53%
1.5	9.381		
1.5	9.381	2.84%	86.37%
1.3	9.587		
1.3	9.587	3.03%	89.40%
1.1	9.828		
1.1	9.828	3.21%	92.61%
0.9	10.118		
< 0,900	> 10,118	7.39%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 54
Livello (cm)	(200-225)
Peso totale (g)	86.7
Frazione > 63 µm (%)	2.5
Frazione < 63 µm (%)	97.5

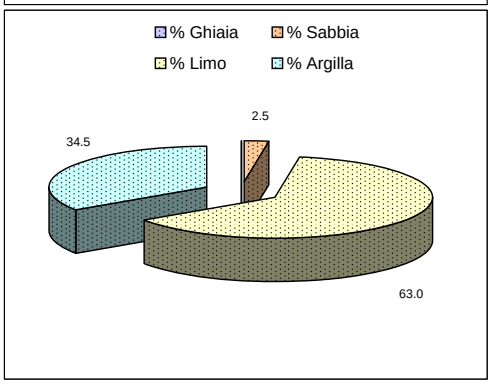
Frazione grossolana (> 63 µm) = 2.5	
% Ghiaia	% Sabbia
0.0	2.5

Frazione pelitica (< 63 µm) = 97.5	
% Limo	% Argilla
63.0	34.5

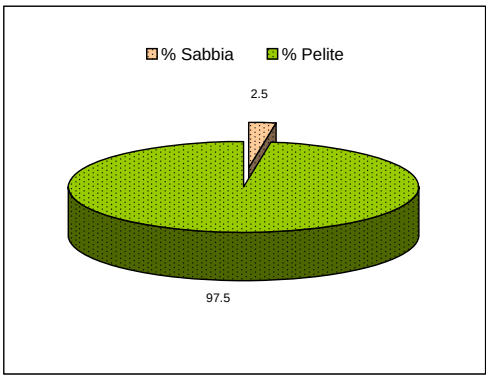
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.272
Deviazione Standard	1.734
Asimmetria (Skewness)	0.052
Appuntimento (Kurtosis)	0.926
Mediana (Φ)	7.212
Moda (Φ)	7.500

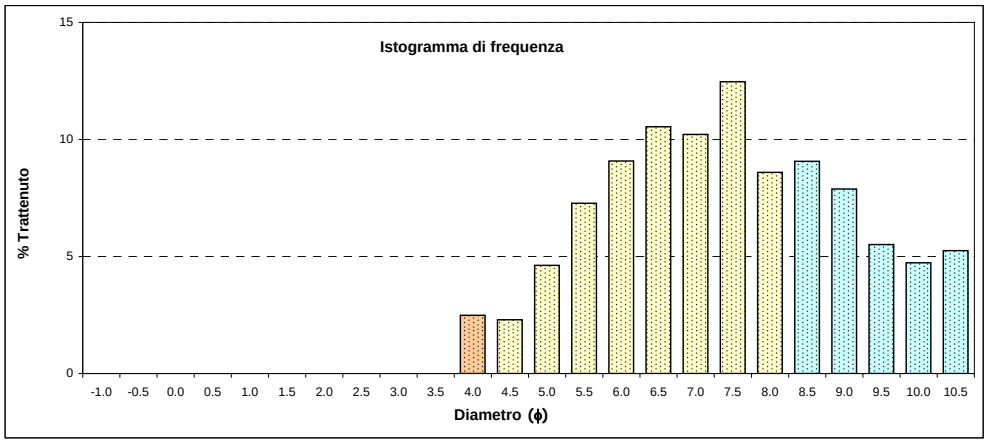
Percentili (Φ)	
5	4.566
16	5.527
25	6.017
50	7.212
75	8.487
84	9.078
95	10.148

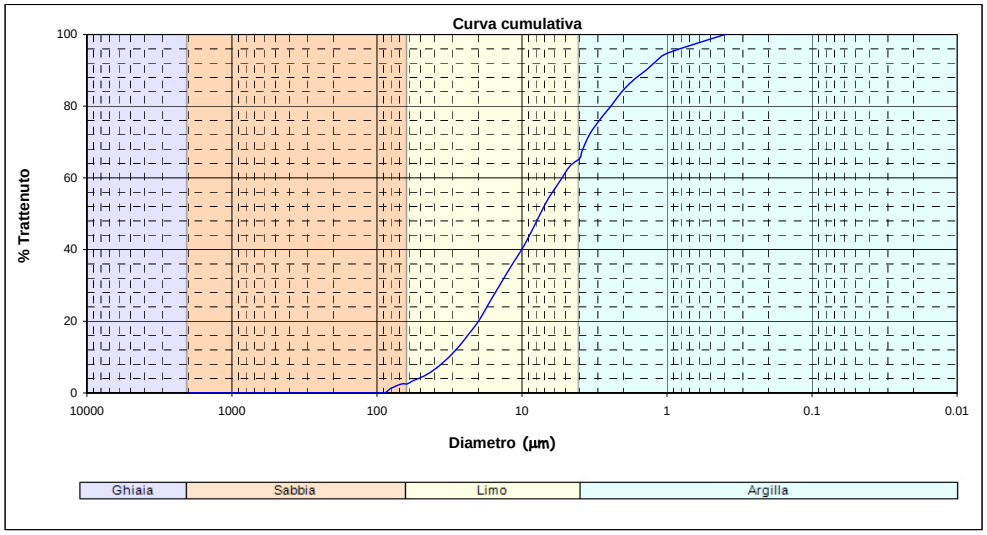
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.10%	0.10%
87	3.523		
87	3.523	1.19%	1.29%
73	3.776		
73	3.776	1.20%	2.49%
62.5	4		
62.5	4	0.07%	2.55%
61	4.035		
61	4.035	0.91%	3.47%
51	4.293		
51	4.293	1.32%	4.78%
43	4.54		
43	4.54	1.95%	6.74%
36	4.796		
36	4.796	2.67%	9.40%
30	5.059		
30	5.059	3.38%	12.78%
25	5.322		
25	5.322	3.89%	16.68%
21	5.573		
21	5.573	3.93%	20.60%
18	5.796		
18	5.796	5.15%	25.75%
15	6.059		
15	6.059	5.37%	31.12%
12.5	6.322		
12.5	6.322	5.17%	36.29%
10.5	6.573		
10.5	6.573	4.60%	40.89%
9	6.796		
9	6.796	5.61%	46.51%
7.5	7.059		
7.5	7.059	6.96%	53.46%
6	7.381		
6	7.381	5.51%	58.97%
5	7.644		
5	7.644	4.39%	63.36%
4.3	7.861		
4.3	7.861	2.10%	65.46%
4	7.966		
4	7.966	2.10%	67.56%
3.7	8.078		
3.7	8.078	4.71%	72.28%
3.1	8.334		
3.1	8.334	4.35%	76.63%
2.6	8.587		
2.6	8.587	3.79%	80.42%
2.2	8.828		
2.2	8.828	4.09%	84.51%
1.8	9.118		
1.8	9.118	3.25%	87.76%
1.5	9.381		
1.5	9.381	2.26%	90.02%
1.3	9.587		
1.3	9.587	2.33%	92.35%
1.1	9.828		
1.1	9.828	2.40%	94.75%
0.9	10.118		
< 0,900	> 10,118	5.25%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 54
Livello (cm)	(225-250)
Peso totale (g)	114.1
Frazione > 63 μm (%)	2.5
Frazione < 63 μm (%)	97.5

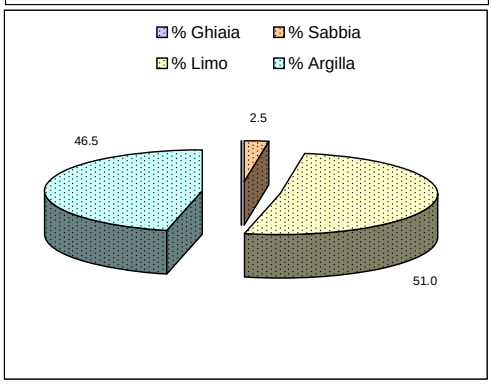
Frazione grossolana (> 63 μm) = 2.5	
% Ghiaia	% Sabbia
0.0	2.5

Frazione pelitica (< 63 μm) = 97.5	
% Limo	% Argilla
51.0	46.5

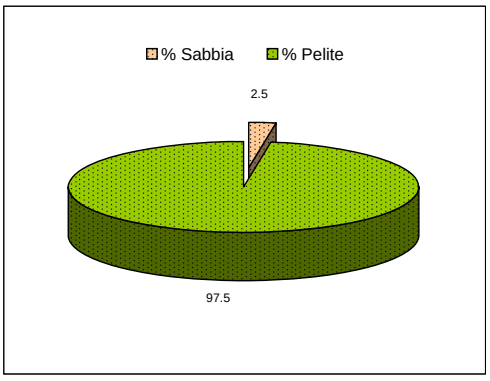
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.813
Deviazione Standard	1.620
Asimmetria (Skewness)	-0.023
Appuntimento (Kurtosis)	0.961
Mediana (Φ)	7.820
Moda (Φ)	7.500

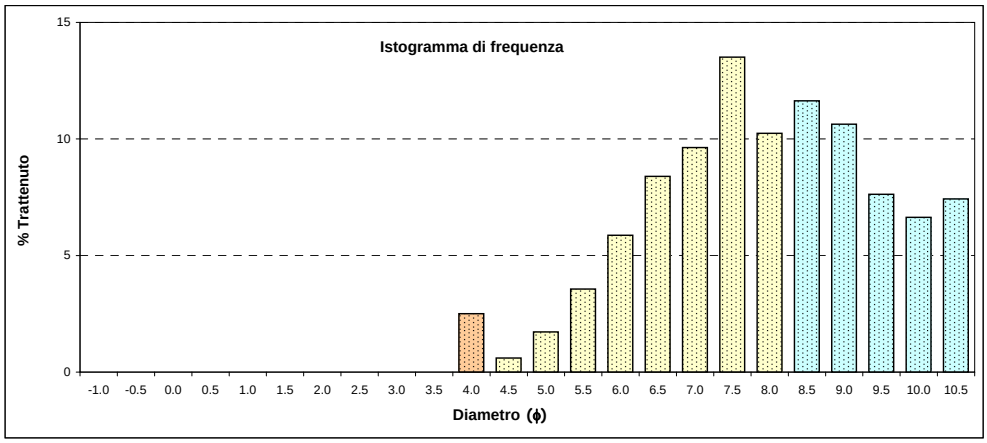
Percentili (Φ)	
5	5.085
16	6.164
25	6.695
50	7.820
75	8.939
84	9.456
95	10.344

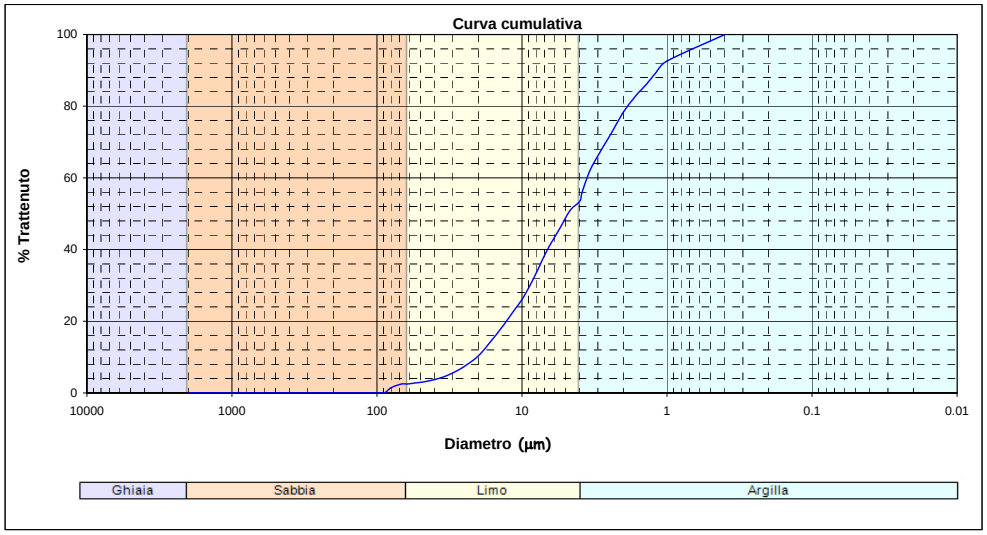
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.13%	0.13%
87	3.523		
87	3.523	1.32%	1.46%
73	3.776		
73	3.776	1.05%	2.51%
62.5	4		
62.5	4	0.01%	2.52%
61	4.035		
61	4.035	0.21%	2.72%
51	4.293		
51	4.293	0.39%	3.11%
43	4.54		
43	4.54	0.68%	3.79%
36	4.796		
36	4.796	1.05%	4.84%
30	5.059		
30	5.059	1.52%	6.36%
25	5.322		
25	5.322	2.04%	8.40%
21	5.573		
21	5.573	2.35%	10.75%
18	5.796		
18	5.796	3.52%	14.27%
15	6.059		
15	6.059	4.09%	18.36%
12.5	6.322		
12.5	6.322	4.30%	22.66%
10.5	6.573		
10.5	6.573	4.14%	26.80%
9	6.796		
9	6.796	5.49%	32.29%
7.5	7.059		
7.5	7.059	7.35%	39.64%
6	7.381		
6	7.381	6.16%	45.80%
5	7.644		
5	7.644	5.13%	50.93%
4.3	7.861		
4.3	7.861	2.56%	53.49%
4	7.966		
4	7.966	2.56%	56.04%
3.7	8.078		
3.7	8.078	5.95%	62.00%
3.1	8.334		
3.1	8.334	5.68%	67.68%
2.6	8.587		
2.6	8.587	5.07%	72.75%
2.2	8.828		
2.2	8.828	5.57%	78.31%
1.8	9.118		
1.8	9.118	4.49%	82.80%
1.5	9.381		
1.5	9.381	3.14%	85.94%
1.3	9.587		
1.3	9.587	3.26%	89.20%
1.1	9.828		
1.1	9.828	3.37%	92.57%
0.9	10.118		
< 0,900	> 10,118	7.43%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 54
Livello (cm)	(250-275)
Peso totale (g)	80.7
Frazione > 63 μm (%)	3.9
Frazione < 63 μm (%)	96.1

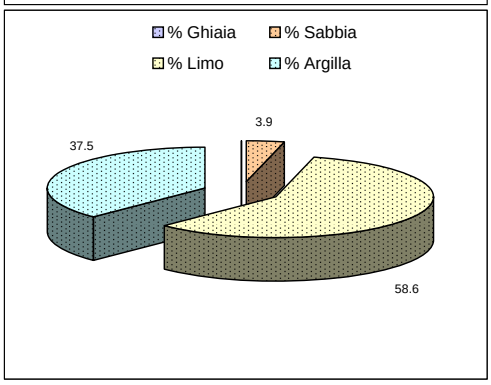
Frazione grossolana (> 63 μm) = 3.9	
% Ghiaia	% Sabbia
0.0	3.9

Frazione pelitica (< 63 μm) = 96.1	
% Limo	% Argilla
58.6	37.5

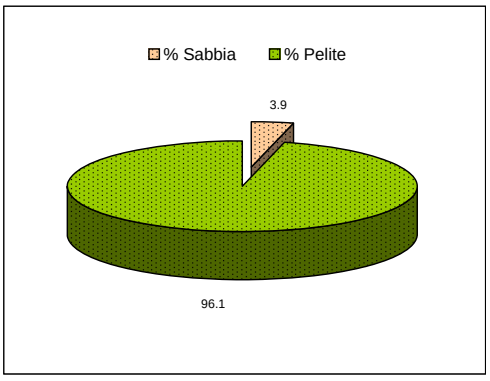
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.345
Deviazione Standard	1.858
Asimmetria (Skewness)	0.006
Appuntimento (Kurtosis)	0.917
Mediana (Φ)	7.317
Moda (Φ)	7.500

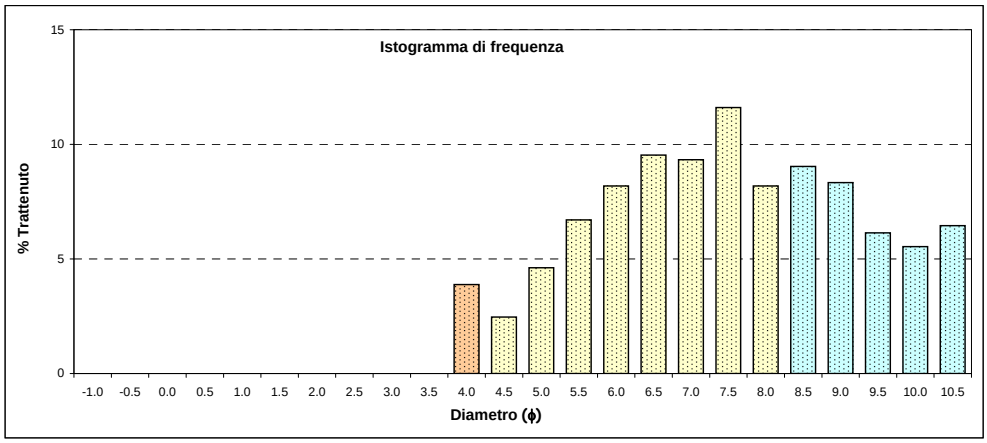
Percentili (Φ)	
5	4.304
16	5.450
25	6.007
50	7.317
75	8.672
84	9.268
95	10.270

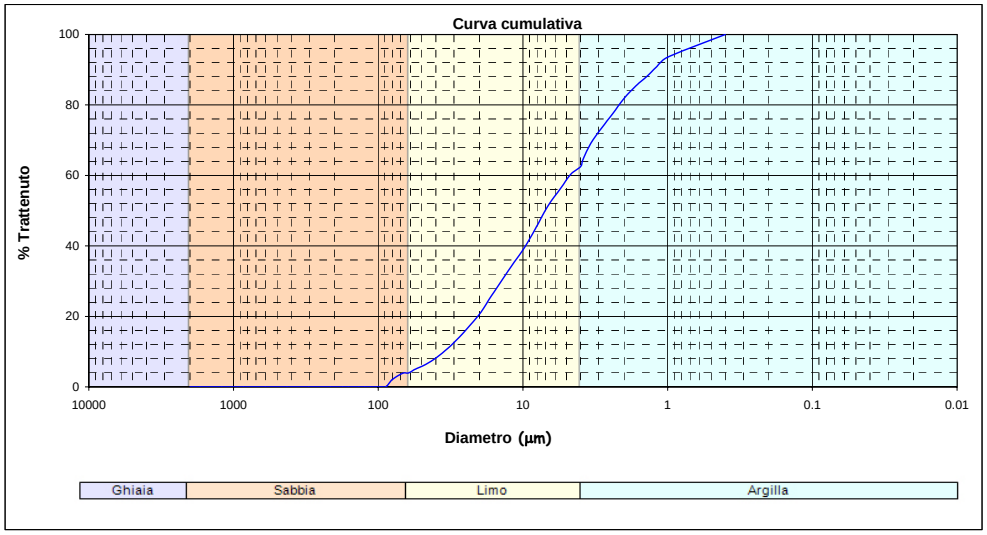
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.17%	0.17%
87	3.523		
87	3.523	1.92%	2.09%
73	3.776		
73	3.776	1.79%	3.88%
62.5	4		
62.5	4	0.07%	3.95%
61	4.035		
61	4.035	0.98%	4.93%
51	4.293		
51	4.293	1.41%	6.34%
43	4.54		
43	4.54	2.01%	8.35%
36	4.796		
36	4.796	2.61%	10.96%
30	5.059		
30	5.059	3.16%	14.12%
25	5.322		
25	5.322	3.55%	17.67%
21	5.573		
21	5.573	3.54%	21.21%
18	5.796		
18	5.796	4.64%	25.85%
15	6.059		
15	6.059	4.85%	30.70%
12.5	6.322		
12.5	6.322	4.68%	35.38%
10.5	6.573		
10.5	6.573	4.18%	39.57%
9	6.796		
9	6.796	5.15%	44.72%
7.5	7.059		
7.5	7.059	6.45%	51.17%
6	7.381		
6	7.381	5.15%	56.32%
5	7.644		
5	7.644	4.15%	60.47%
4.3	7.861		
4.3	7.861	2.02%	62.49%
4	7.966		
4	7.966	2.02%	64.51%
3.7	8.078		
3.7	8.078	4.63%	69.14%
3.1	8.334		
3.1	8.334	4.40%	73.54%
2.6	8.587		
2.6	8.587	3.95%	77.49%
2.2	8.828		
2.2	8.828	4.39%	81.87%
1.8	9.118		
1.8	9.118	3.59%	85.46%
1.5	9.381		
1.5	9.381	2.55%	88.01%
1.3	9.587		
1.3	9.587	2.70%	90.71%
1.1	9.828		
1.1	9.828	2.84%	93.55%
0.9	10.118		
< 0,900	> 10,118	6.45%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 54
Livello (cm)	(275-300)
Peso totale (g)	75.7
Frazione > 63 µm (%)	3.9
Frazione < 63 µm (%)	96.1

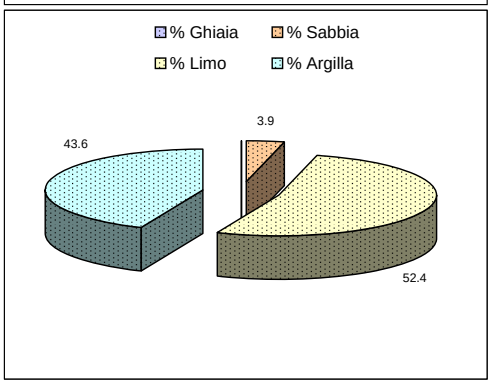
Frazione grossolana (> 63 µm) = 3.9	
% Ghiaia	% Sabbia
0.0	3.9

Frazione pelitica (< 63 µm) = 96.1	
% Limo	% Argilla
52.4	43.6

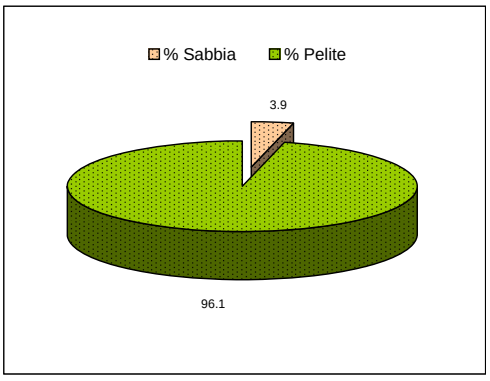
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.697
Deviazione Standard	1.735
Asimmetria (Skewness)	-0.038
Appuntimento (Kurtosis)	1.023
Mediana (Φ)	7.690
Moda (Φ)	7.500

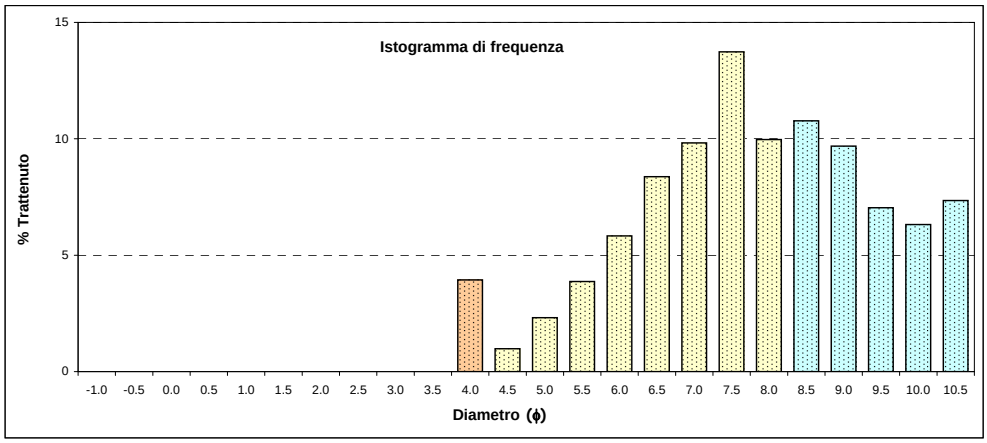
Percentili (Φ)	
5	4.558
16	5.983
25	6.554
50	7.690
75	8.869
84	9.420
95	10.339

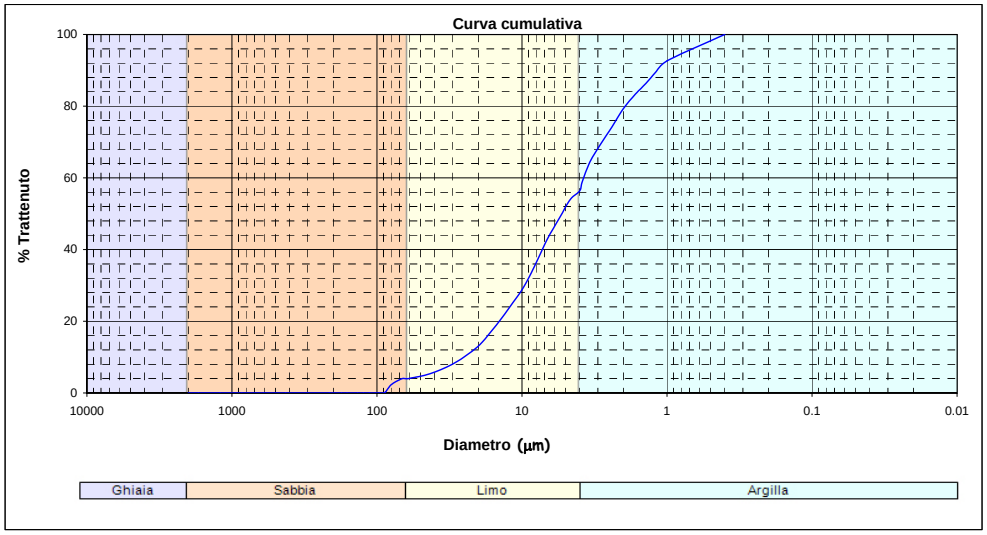
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.21%	0.21%
87	3.523		
87	3.523	2.07%	2.28%
73	3.776		
73	3.776	1.66%	3.94%
62.5	4		
62.5	4	0.02%	3.95%
61	4.035		
61	4.035	0.35%	4.31%
51	4.293		
51	4.293	0.62%	4.92%
43	4.54		
43	4.54	0.98%	5.90%
36	4.796		
36	4.796	1.34%	7.24%
30	5.059		
30	5.059	1.74%	8.98%
25	5.322		
25	5.322	2.13%	11.11%
21	5.573		
21	5.573	2.36%	13.47%
18	5.796		
18	5.796	3.47%	16.94%
15	6.059		
15	6.059	4.06%	21.00%
12.5	6.322		
12.5	6.322	4.31%	25.31%
10.5	6.573		
10.5	6.573	4.21%	29.52%
9	6.796		
9	6.796	5.62%	35.14%
7.5	7.059		
7.5	7.059	7.52%	42.65%
6	7.381		
6	7.381	6.22%	48.87%
5	7.644		
5	7.644	5.06%	53.93%
4.3	7.861		
4.3	7.861	2.46%	56.38%
4	7.966		
4	7.966	2.46%	58.84%
3.7	8.078		
3.7	8.078	5.56%	64.40%
3.1	8.334		
3.1	8.334	5.21%	69.61%
2.6	8.587		
2.6	8.587	4.61%	74.22%
2.2	8.828		
2.2	8.828	5.07%	79.29%
1.8	9.118		
1.8	9.118	4.12%	83.41%
1.5	9.381		
1.5	9.381	2.92%	86.33%
1.3	9.587		
1.3	9.587	3.08%	89.41%
1.1	9.828		
1.1	9.828	3.24%	92.65%
0.9	10.118		
< 0,900	> 10,118	7.35%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 55
Livello (cm)	(0-25)
Peso totale (g)	24.3
Frazione > 63 μm (%)	3.5
Frazione < 63 μm (%)	96.5

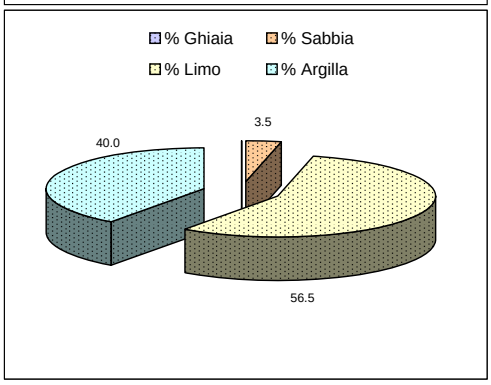
Frazione grossolana (> 63 μm) = 3.5	
% Ghiaia	% Sabbia
0.0	3.5

Frazione pelitica (< 63 μm) = 96.5	
% Limo	% Argilla
56.5	40.0

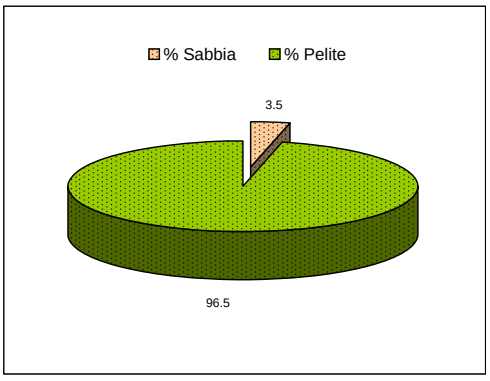
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.664
Deviazione Standard	1.503
Asimmetria (Skewness)	0.052
Appuntimento (Kurtosis)	1.049
Mediana (Φ)	7.590
Moda (Φ)	7.500

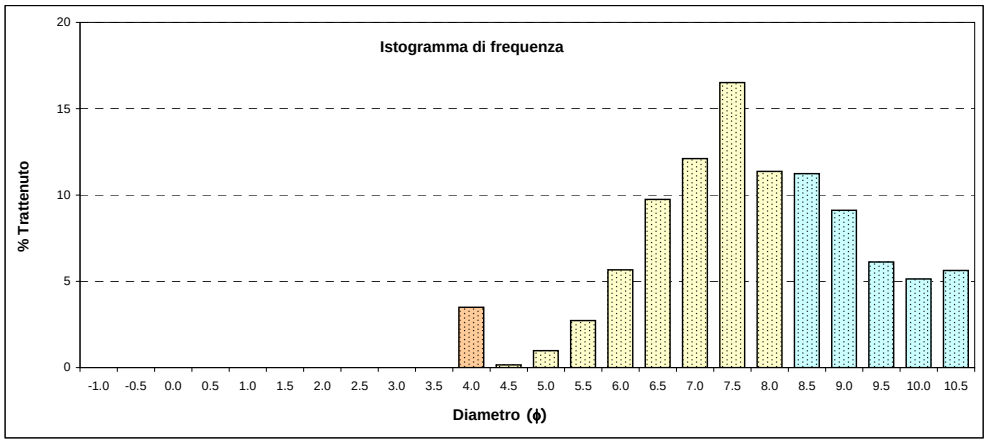
Percentili (Φ)	
5	5.141
16	6.224
25	6.665
50	7.590
75	8.638
84	9.177
95	10.191

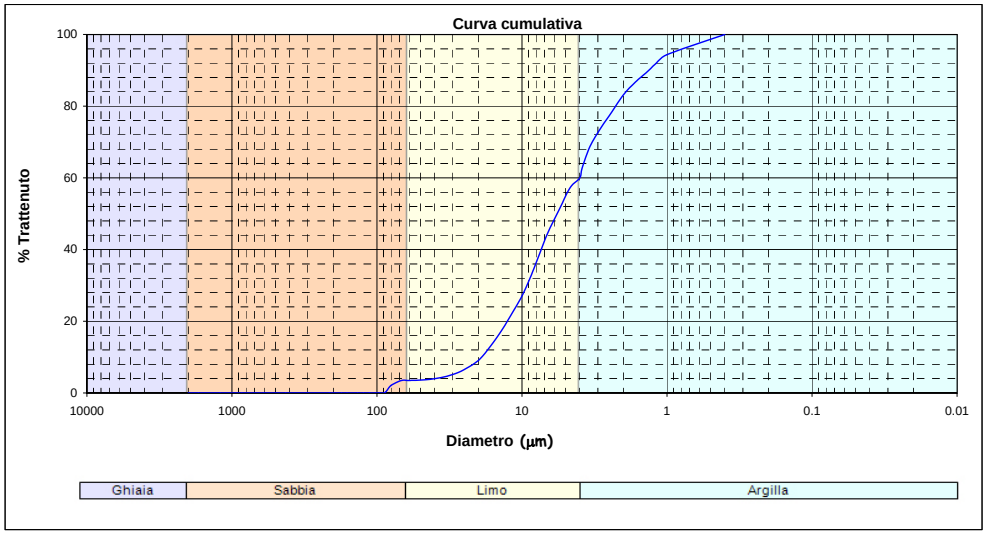
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.19%	0.19%
87	3.523		
87	3.523	1.89%	2.08%
73	3.776		
73	3.776	1.42%	3.50%
62.5	4		
62.5	4	0.00%	3.50%
61	4.035		
61	4.035	0.02%	3.52%
51	4.293		
51	4.293	0.13%	3.65%
43	4.54		
43	4.54	0.34%	4.00%
36	4.796		
36	4.796	0.64%	4.64%
30	5.059		
30	5.059	1.08%	5.72%
25	5.322		
25	5.322	1.64%	7.36%
21	5.573		
21	5.573	2.12%	9.48%
18	5.796		
18	5.796	3.55%	13.03%
15	6.059		
15	6.059	4.57%	17.60%
12.5	6.322		
12.5	6.322	5.18%	22.78%
10.5	6.573		
10.5	6.573	5.18%	27.96%
9	6.796		
9	6.796	6.92%	34.89%
7.5	7.059		
7.5	7.059	9.12%	44.01%
6	7.381		
6	7.381	7.39%	51.39%
5	7.644		
5	7.644	5.87%	57.26%
4.3	7.861		
4.3	7.861	2.75%	60.01%
4	7.966		
4	7.966	2.75%	62.77%
3.7	8.078		
3.7	8.078	5.95%	68.71%
3.1	8.334		
3.1	8.334	5.29%	74.00%
2.6	8.587		
2.6	8.587	4.45%	78.45%
2.2	8.828		
2.2	8.828	4.66%	83.12%
1.8	9.118		
1.8	9.118	3.63%	86.75%
1.5	9.381		
1.5	9.381	2.49%	89.23%
1.3	9.587		
1.3	9.587	2.54%	91.78%
1.1	9.828		
1.1	9.828	2.60%	94.37%
0.9	10.118		
< 0,900	> 10,118	5.63%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 55
Livello (cm)	(25-50)
Peso totale (g)	37.8
Frazione > 63 μm (%)	3.7
Frazione < 63 μm (%)	96.3

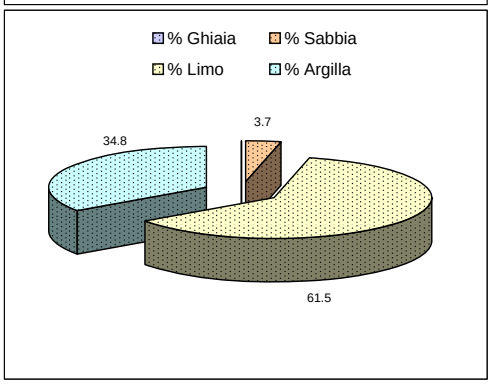
Frazione grossolana (> 63 μm) = 3.7	
% Ghiaia	% Sabbia
0.0	3.7

Frazione pelitica (< 63 μm) = 96.3	
% Limo	% Argilla
61.5	34.8

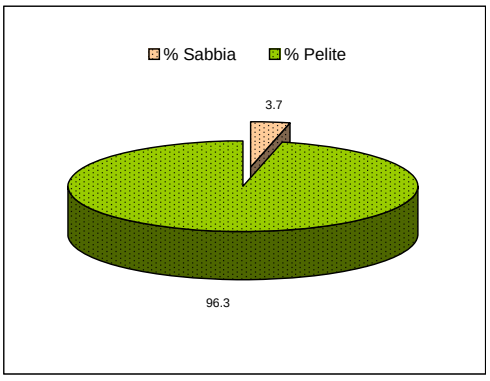
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.406
Deviazione Standard	1.595
Asimmetria (Skewness)	0.003
Appuntimento (Kurtosis)	1.094
Mediana (Φ)	7.375
Moda (Φ)	7.500

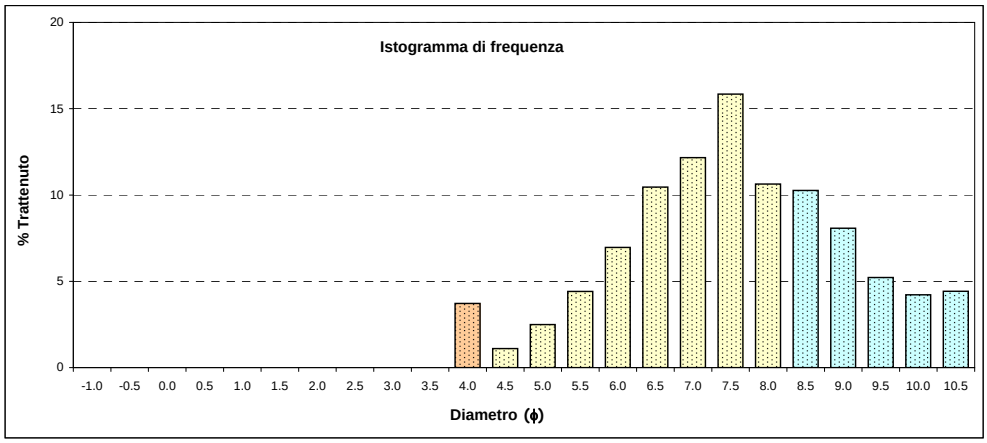
Percentili (Φ)	
5	4.580
16	5.884
25	6.377
50	7.375
75	8.420
84	8.960
95	10.032

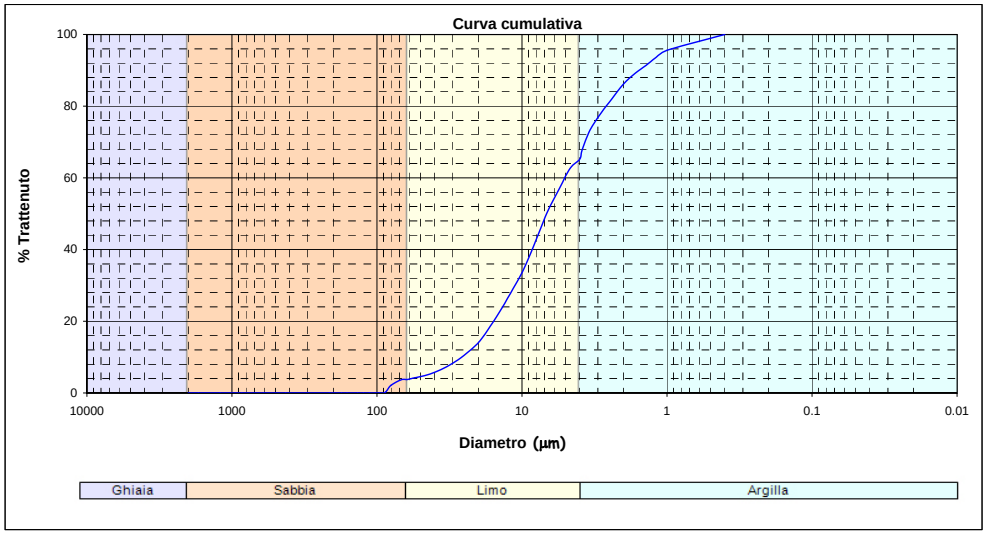
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.19%	0.19%
87	3.523		
87	3.523	1.93%	2.12%
73	3.776		
73	3.776	1.60%	3.72%
62.5	4		
62.5	4	0.02%	3.75%
61	4.035		
61	4.035	0.41%	4.16%
51	4.293		
51	4.293	0.66%	4.82%
43	4.54		
43	4.54	1.03%	5.86%
36	4.796		
36	4.796	1.46%	7.31%
30	5.059		
30	5.059	1.95%	9.27%
25	5.322		
25	5.322	2.46%	11.73%
21	5.573		
21	5.573	2.78%	14.51%
18	5.796		
18	5.796	4.19%	18.69%
15	6.059		
15	6.059	5.02%	23.72%
12.5	6.322		
12.5	6.322	5.44%	29.16%
10.5	6.573		
10.5	6.573	5.29%	34.44%
9	6.796		
9	6.796	6.87%	41.32%
7.5	7.059		
7.5	7.059	8.82%	50.14%
6	7.381		
6	7.381	7.02%	57.16%
5	7.644		
5	7.644	5.51%	62.67%
4.3	7.861		
4.3	7.861	2.56%	65.23%
4	7.966		
4	7.966	2.56%	67.79%
3.7	8.078		
3.7	8.078	5.47%	73.27%
3.1	8.334		
3.1	8.334	4.80%	78.06%
2.6	8.587		
2.6	8.587	3.98%	82.04%
2.2	8.828		
2.2	8.828	4.09%	86.13%
1.8	9.118		
1.8	9.118	3.12%	89.26%
1.5	9.381		
1.5	9.381	2.10%	91.36%
1.3	9.587		
1.3	9.587	2.11%	93.47%
1.1	9.828		
1.1	9.828	2.11%	95.58%
0.9	10.118		
< 0,900	> 10,118	4.42%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 55
Livello (cm)	(50-75)
Peso totale (g)	50.1
Frazione > 63 μm (%)	2.5
Frazione < 63 μm (%)	97.5

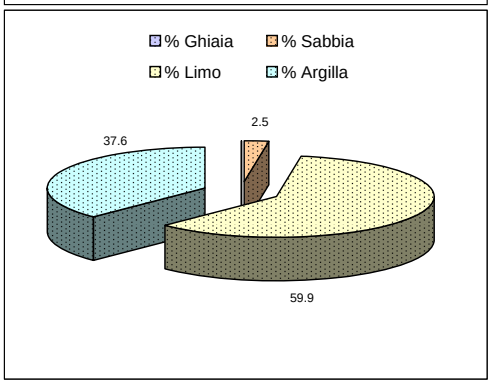
Frazione grossolana (> 63 μm) = 2.5	
% Ghiaia	% Sabbia
0.0	2.5

Frazione pelitica (< 63 μm) = 97.5	
% Limo	% Argilla
59.9	37.6

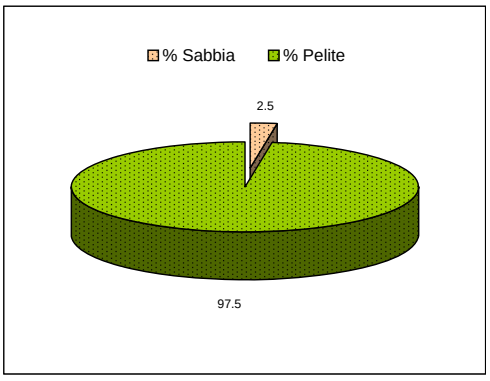
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.547
Deviazione Standard	1.519
Asimmetria (Skewness)	0.058
Appuntimento (Kurtosis)	1.016
Mediana (Φ)	7.480
Moda (Φ)	7.500

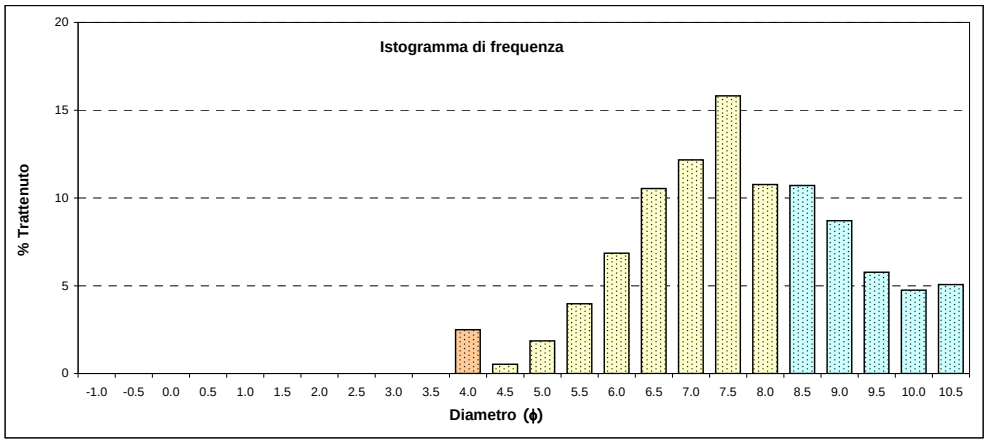
Percentili (Φ)	
5	5.076
16	6.073
25	6.513
50	7.480
75	8.549
84	9.089
95	10.127

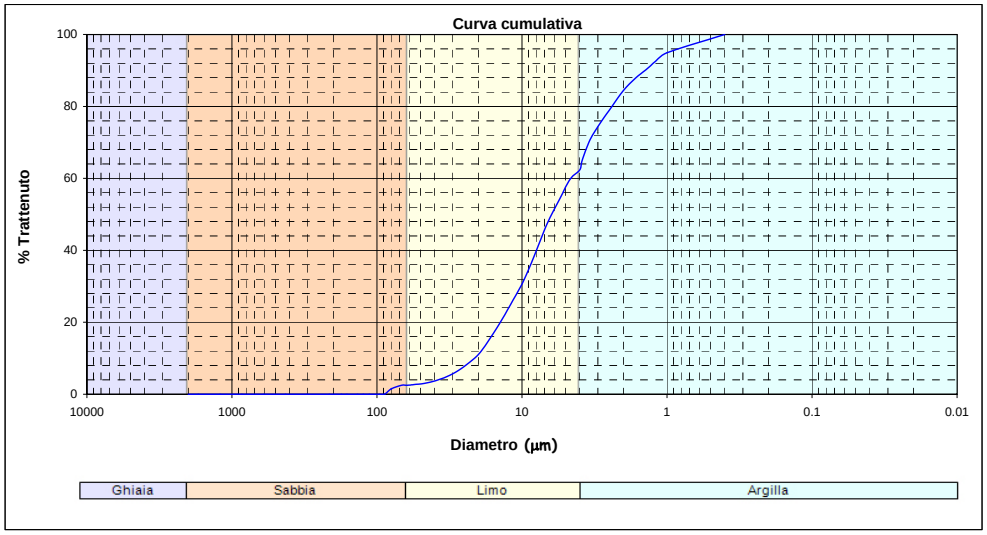
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.13%	0.13%
87	3.523		
87	3.523	1.34%	1.47%
73	3.776		
73	3.776	1.02%	2.50%
62.5	4		
62.5	4	0.00%	2.50%
61	4.035		
61	4.035	0.15%	2.65%
51	4.293		
51	4.293	0.37%	3.02%
43	4.54		
43	4.54	0.71%	3.74%
36	4.796		
36	4.796	1.15%	4.88%
30	5.059		
30	5.059	1.69%	6.57%
25	5.322		
25	5.322	2.28%	8.85%
21	5.573		
21	5.573	2.69%	11.54%
18	5.796		
18	5.796	4.16%	15.70%
15	6.059		
15	6.059	5.06%	20.76%
12.5	6.322		
12.5	6.322	5.48%	26.24%
10.5	6.573		
10.5	6.573	5.31%	31.55%
9	6.796		
9	6.796	6.86%	38.41%
7.5	7.059		
7.5	7.059	8.79%	47.20%
6	7.381		
6	7.381	7.02%	54.22%
5	7.644		
5	7.644	5.55%	59.77%
4.3	7.861		
4.3	7.861	2.61%	62.38%
4	7.966		
4	7.966	2.61%	64.99%
3.7	8.078		
3.7	8.078	5.66%	70.65%
3.1	8.334		
3.1	8.334	5.05%	75.70%
2.6	8.587		
2.6	8.587	4.26%	79.96%
2.2	8.828		
2.2	8.828	4.44%	84.41%
1.8	9.118		
1.8	9.118	3.44%	87.84%
1.5	9.381		
1.5	9.381	2.34%	90.18%
1.3	9.587		
1.3	9.587	2.37%	92.54%
1.1	9.828		
1.1	9.828	2.39%	94.93%
0.9	10.118		
< 0,900	> 10,118	5.07%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 55
Livello (cm)	(75-100)
Peso totale (g)	28.0
Frazione > 63 μm (%)	4.4
Frazione < 63 μm (%)	95.6

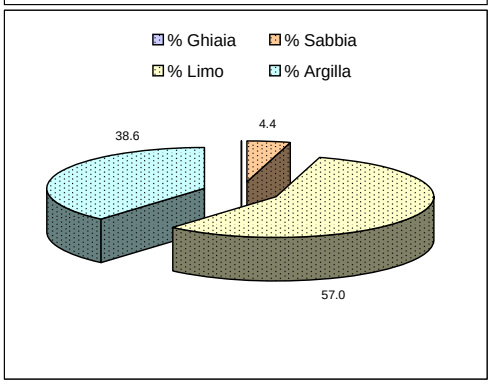
Frazione grossolana (> 63 μm) = 4.4	
% Ghiaia	% Sabbia
0.0	4.4

Frazione pelitica (< 63 μm) = 95.6	
% Limo	% Argilla
57.0	38.6

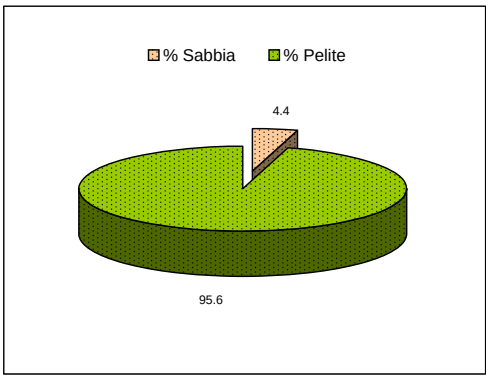
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.557
Deviazione Standard	1.628
Asimmetria (Skewness)	0.005
Appuntimento (Kurtosis)	1.077
Mediana (Φ)	7.499
Moda (Φ)	7.500

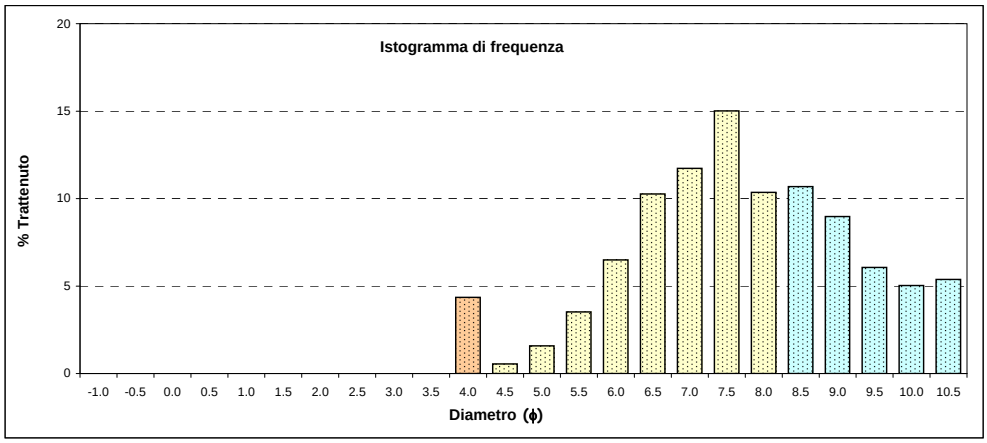
Percentili (Φ)	
5	4.578
16	6.023
25	6.485
50	7.499
75	8.610
84	9.150
95	10.164

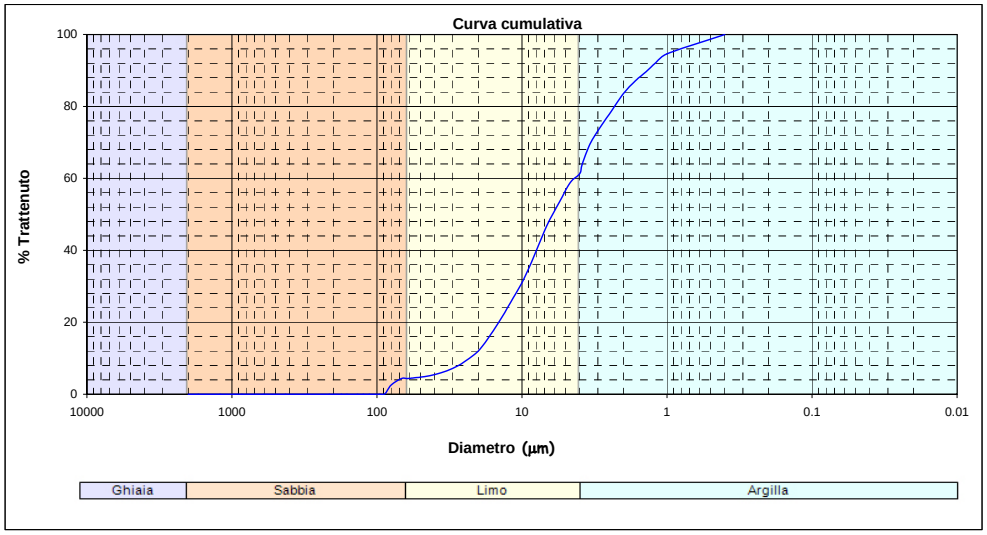
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.23%	0.23%
87	3.523		
87	3.523	2.32%	2.55%
73	3.776		
73	3.776	1.80%	4.35%
62.5	4		
62.5	4	0.01%	4.36%
61	4.035		
61	4.035	0.19%	4.55%
51	4.293		
51	4.293	0.35%	4.90%
43	4.54		
43	4.54	0.61%	5.51%
36	4.796		
36	4.796	0.97%	6.48%
30	5.059		
30	5.059	1.47%	7.95%
25	5.322		
25	5.322	2.06%	10.01%
21	5.573		
21	5.573	2.51%	12.52%
18	5.796		
18	5.796	3.99%	16.51%
15	6.059		
15	6.059	4.92%	21.42%
12.5	6.322		
12.5	6.322	5.35%	26.77%
10.5	6.573		
10.5	6.573	5.15%	31.92%
9	6.796		
9	6.796	6.58%	38.50%
7.5	7.059		
7.5	7.059	8.35%	46.85%
6	7.381		
6	7.381	6.66%	53.51%
5	7.644		
5	7.644	5.30%	58.81%
4.3	7.861		
4.3	7.861	2.53%	61.34%
4	7.966		
4	7.966	2.53%	63.87%
3.7	8.078		
3.7	8.078	5.60%	69.46%
3.1	8.334		
3.1	8.334	5.09%	74.55%
2.6	8.587		
2.6	8.587	4.36%	78.91%
2.2	8.828		
2.2	8.828	4.61%	83.52%
1.8	9.118		
1.8	9.118	3.60%	87.13%
1.5	9.381		
1.5	9.381	2.46%	89.59%
1.3	9.587		
1.3	9.587	2.50%	92.09%
1.1	9.828		
1.1	9.828	2.53%	94.62%
0.9	10.118		
< 0,900	> 10,118	5.38%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 55
Livello (cm)	(100-125)
Peso totale (g)	29.4
Frazione > 63 μm (%)	3.5
Frazione < 63 μm (%)	96.5

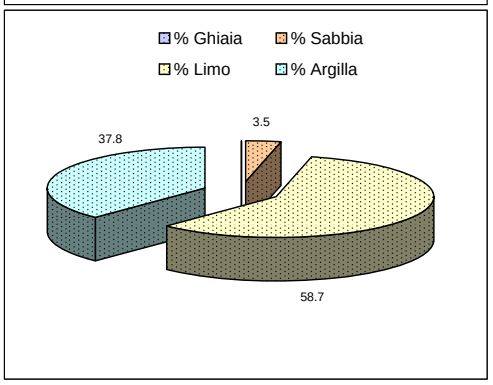
Frazione grossolana (> 63 μm) = 3.5	
% Ghiaia	% Sabbia
0.0	3.5

Frazione pelitica (< 63 μm) = 96.5	
% Limo	% Argilla
58.7	37.8

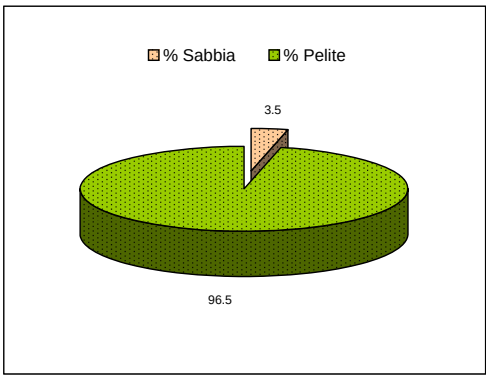
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.549
Deviazione Standard	1.542
Asimmetria (Skewness)	0.045
Appuntimento (Kurtosis)	1.035
Mediana (Φ)	7.479
Moda (Φ)	7.500

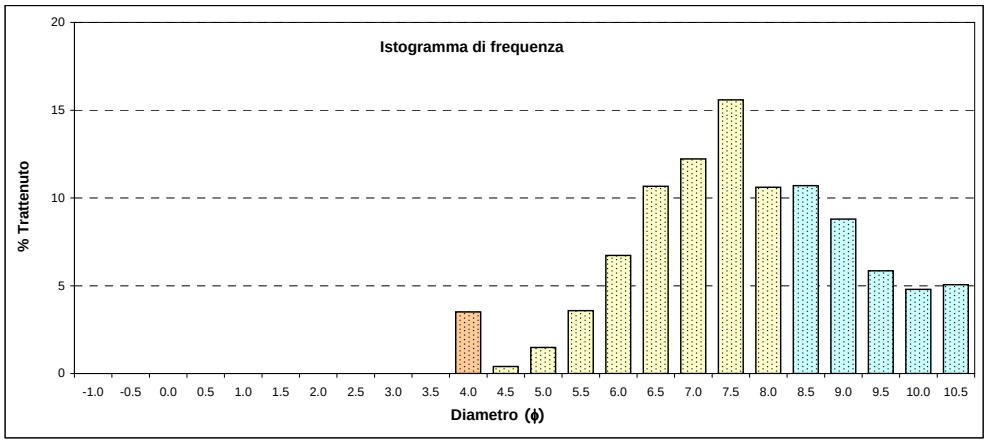
Percentili (Φ)	
5	4.940
16	6.073
25	6.507
50	7.479
75	8.560
84	9.097
95	10.126

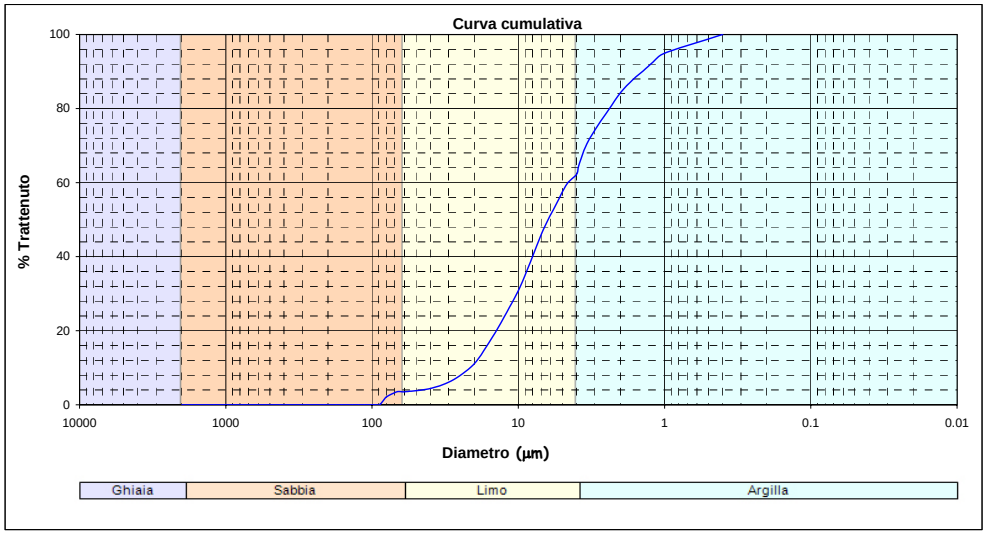
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.19%	0.19%
87	3.523		
87	3.523	1.89%	2.08%
73	3.776		
73	3.776	1.43%	3.51%
62.5	4		
62.5	4	0.00%	3.52%
61	4.035		
61	4.035	0.12%	3.63%
51	4.293		
51	4.293	0.28%	3.92%
43	4.54		
43	4.54	0.55%	4.47%
36	4.796		
36	4.796	0.93%	5.40%
30	5.059		
30	5.059	1.47%	6.87%
25	5.322		
25	5.322	2.11%	8.98%
21	5.573		
21	5.573	2.59%	11.57%
18	5.796		
18	5.796	4.14%	15.71%
15	6.059		
15	6.059	5.10%	20.81%
12.5	6.322		
12.5	6.322	5.56%	26.37%
10.5	6.573		
10.5	6.573	5.36%	31.73%
9	6.796		
9	6.796	6.86%	38.59%
7.5	7.059		
7.5	7.059	8.69%	47.28%
6	7.381		
6	7.381	6.90%	54.18%
5	7.644		
5	7.644	5.46%	59.64%
4.3	7.861		
4.3	7.861	2.58%	62.21%
4	7.966		
4	7.966	2.58%	64.79%
3.7	8.078		
3.7	8.078	5.64%	70.43%
3.1	8.334		
3.1	8.334	5.07%	75.50%
2.6	8.587		
2.6	8.587	4.30%	79.79%
2.2	8.828		
2.2	8.828	4.50%	84.29%
1.8	9.118		
1.8	9.118	3.48%	87.78%
1.5	9.381		
1.5	9.381	2.37%	90.14%
1.3	9.587		
1.3	9.587	2.39%	92.53%
1.1	9.828		
1.1	9.828	2.40%	94.94%
0.9	10.118		
< 0,900	> 10,118	5.06%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 55
Livello (cm)	(125-150)
Peso totale (g)	40.2
Frazione > 63 μm (%)	3.1
Frazione < 63 μm (%)	96.9

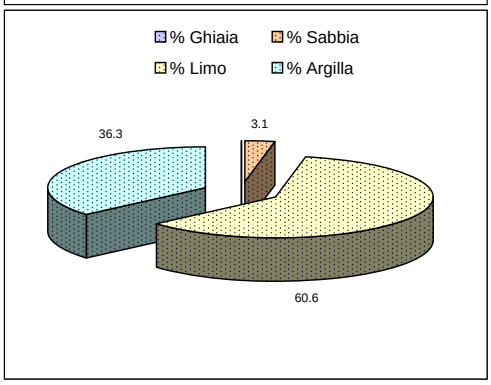
Frazione grossolana (> 63 μm) = 3.1	
% Ghiaia	% Sabbia
0.0	3.1

Frazione pelitica (< 63 μm) = 96.9	
% Limo	% Argilla
60.6	36.3

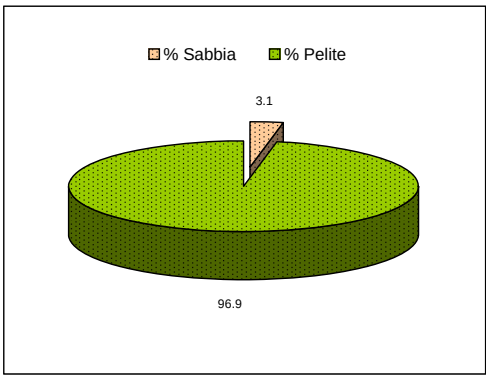
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.432
Deviazione Standard	1.640
Asimmetria (Skewness)	0.030
Appuntimento (Kurtosis)	1.006
Mediana (Φ)	7.381
Moda (Φ)	7.500

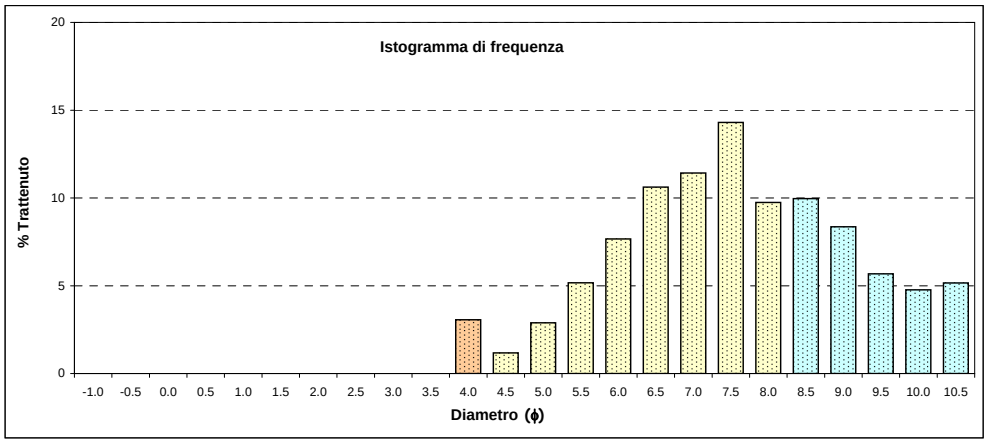
Percentili (Φ)	
5	4.699
16	5.826
25	6.312
50	7.381
75	8.528
84	9.089
95	10.138

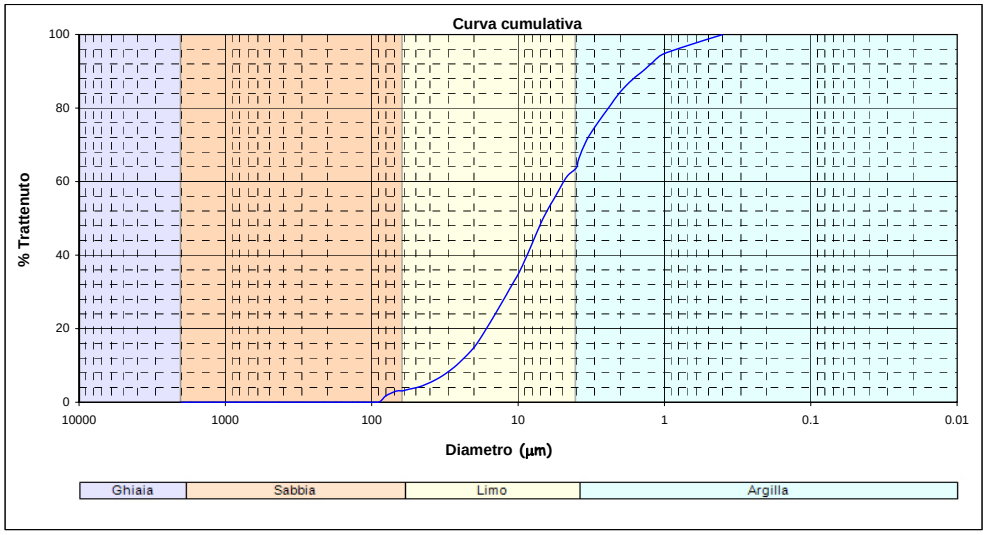
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.16%	0.16%
87	3.523		
87	3.523	1.58%	1.73%
73	3.776		
73	3.776	1.33%	3.06%
62.5	4		
62.5	4	0.02%	3.08%
61	4.035		
61	4.035	0.43%	3.51%
51	4.293		
51	4.293	0.73%	4.24%
43	4.54		
43	4.54	1.18%	5.42%
36	4.796		
36	4.796	1.71%	7.13%
30	5.059		
30	5.059	2.31%	9.44%
25	5.322		
25	5.322	2.86%	12.30%
21	5.573		
21	5.573	3.13%	15.43%
18	5.796		
18	5.796	4.54%	19.97%
15	6.059		
15	6.059	5.21%	25.18%
12.5	6.322		
12.5	6.322	5.41%	30.59%
10.5	6.573		
10.5	6.573	5.06%	35.65%
9	6.796		
9	6.796	6.36%	42.01%
7.5	7.059		
7.5	7.059	7.98%	50.00%
6	7.381		
6	7.381	6.32%	56.32%
5	7.644		
5	7.644	5.00%	61.32%
4.3	7.861		
4.3	7.861	2.37%	63.69%
4	7.966		
4	7.966	2.37%	66.07%
3.7	8.078		
3.7	8.078	5.23%	71.29%
3.1	8.334		
3.1	8.334	4.74%	76.03%
2.6	8.587		
2.6	8.587	4.06%	80.09%
2.2	8.828		
2.2	8.828	4.30%	84.39%
1.8	9.118		
1.8	9.118	3.37%	87.77%
1.5	9.381		
1.5	9.381	2.31%	90.08%
1.3	9.587		
1.3	9.587	2.36%	92.44%
1.1	9.828		
1.1	9.828	2.40%	94.84%
0.9	10.118		
< 0,900	> 10,118	5.16%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 55**
Livello (cm)	**(150-175)**
Peso totale (g)	43.2
Frazione > 63 μm (%)	4.8
Frazione < 63 μm (%)	95.2

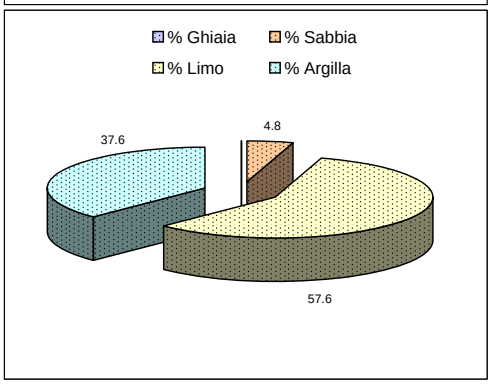
Frazione grossolana (> 63 μm) = 4.8	
% Ghiaia	**% Sabbia**
0.0	**4.8**

Frazione pelitica (< 63 μm) = 95.2	
% Limo	**% Argilla**
57.6	**37.6**

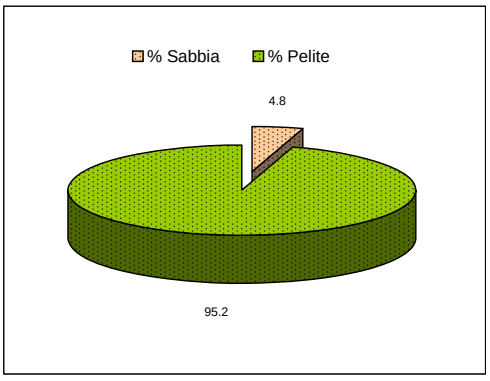
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.413
Deviazione Standard	1.807
Asimmetria (Skewness)	-0.043
Appuntimento (Kurtosis)	1.045
Mediana (Φ)	7.412
Moda (Φ)	7.500

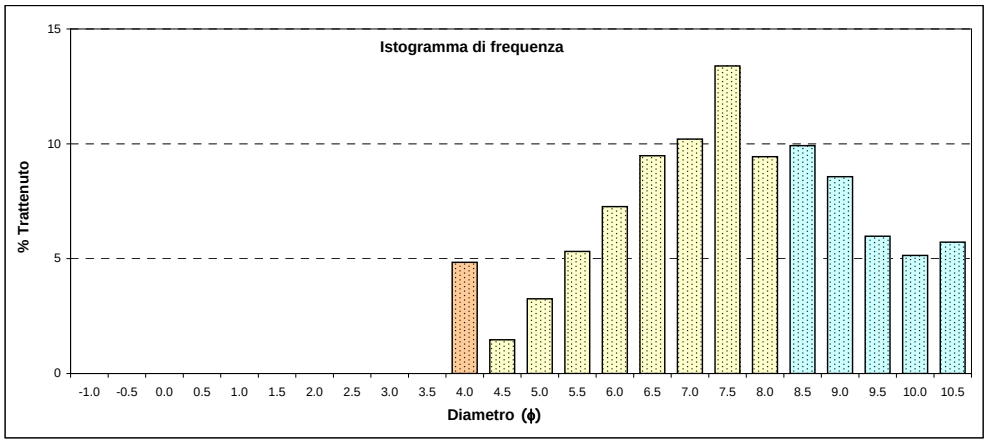
Percentili (Φ)	
5	4.090
16	5.651
25	6.213
50	7.412
75	8.609
84	9.176
95	10.201

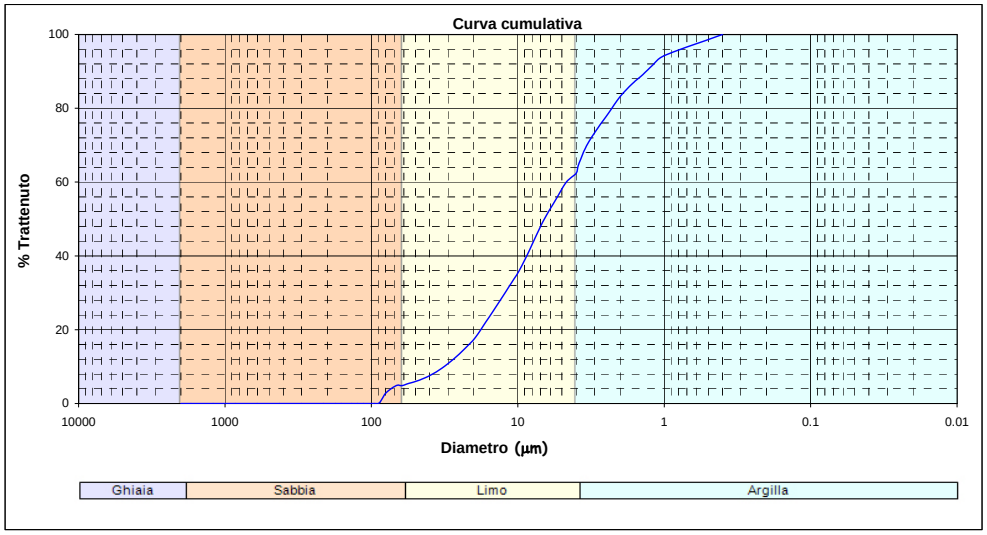
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.24%	0.24%
87	3.523		
87	3.523	2.51%	2.76%
73	3.776		
73	3.776	2.08%	4.84%
62.5	4		
62.5	4	0.03%	4.87%
61	4.035		
61	4.035	0.56%	5.43%
51	4.293		
51	4.293	0.88%	6.31%
43	4.54		
43	4.54	1.36%	7.68%
36	4.796		
36	4.796	1.89%	9.57%
30	5.059		
30	5.059	2.43%	12.00%
25	5.322		
25	5.322	2.88%	14.89%
21	5.573		
21	5.573	3.04%	17.92%
18	5.796		
18	5.796	4.23%	22.15%
15	6.059		
15	6.059	4.70%	26.85%
12.5	6.322		
12.5	6.322	4.78%	31.63%
10.5	6.573		
10.5	6.573	4.48%	36.11%
9	6.796		
9	6.796	5.73%	41.84%
7.5	7.059		
7.5	7.059	7.40%	49.24%
6	7.381		
6	7.381	5.99%	55.23%
5	7.644		
5	7.644	4.81%	60.04%
4.3	7.861		
4.3	7.861	2.31%	62.36%
4	7.966		
4	7.966	2.31%	64.67%
3.7	8.078		
3.7	8.078	5.17%	69.83%
3.1	8.334		
3.1	8.334	4.76%	74.59%
2.6	8.587		
2.6	8.587	4.13%	78.72%
2.2	8.828		
2.2	8.828	4.44%	83.16%
1.8	9.118		
1.8	9.118	3.53%	86.69%
1.5	9.381		
1.5	9.381	2.45%	89.14%
1.3	9.587		
1.3	9.587	2.53%	91.67%
1.1	9.828		
1.1	9.828	2.61%	94.28%
0.9	10.118		
< 0,900	> 10,118	5.72%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 55
Livello (cm)	(175-200)
Peso totale (g)	62.5
Frazione > 63 μm (%)	6.7
Frazione < 63 μm (%)	93.3

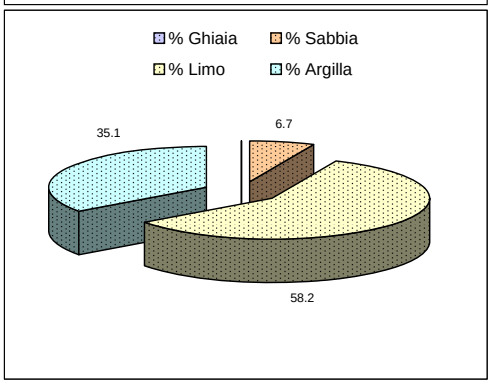
Frazione grossolana (> 63 μm) = 6.7	
% Ghiaia	% Sabbia
0.0	6.7

Frazione pelitica (< 63 μm) = 93.3	
% Limo	% Argilla
58.2	35.1

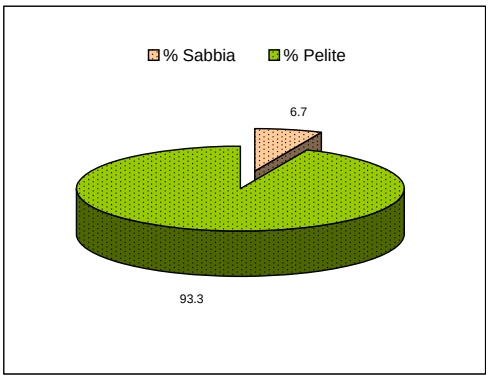
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.287
Deviazione Standard	1.886
Asimmetria (Skewness)	-0.082
Appuntimento (Kurtosis)	1.151
Mediana (Φ)	7.299
Moda (Φ)	7.500

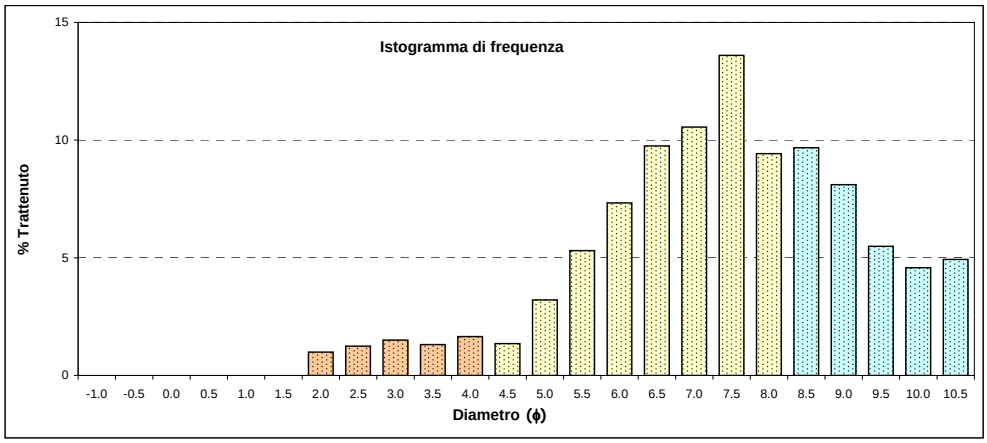
Percentili (Φ)	
5	3.476
16	5.520
25	6.115
50	7.299
75	8.477
84	9.042
95	10.108

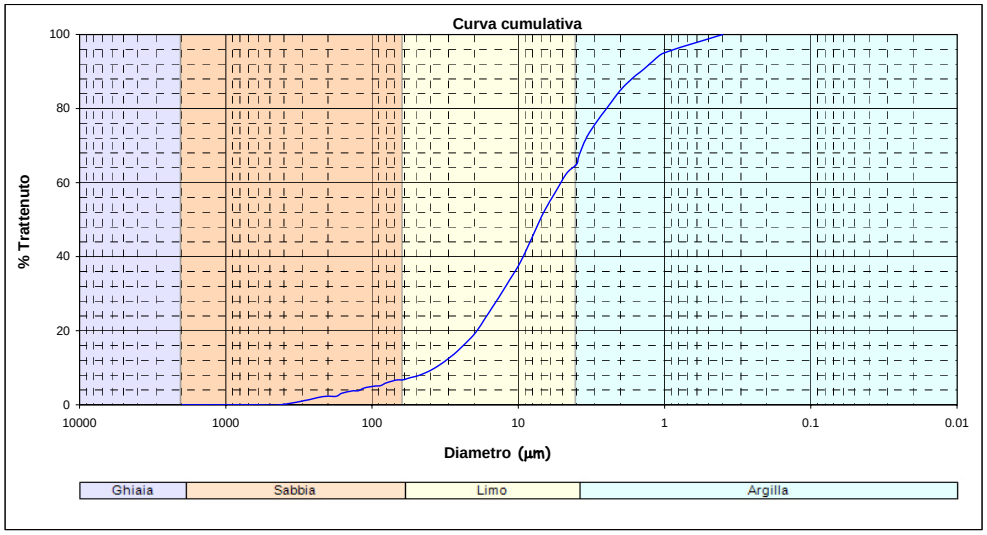
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.99%	0.99%
250	2		
250	2	1.25%	2.24%
176.78	2.5		
176.78	2.5	0.05%	2.29%
175	2.515		
175	2.515	0.81%	3.10%
147	2.766		
147	2.766	0.64%	3.74%
125	3		
125	3	0.07%	3.81%
123	3.023		
123	3.023	0.72%	4.53%
103	3.279		
103	3.279	0.52%	5.05%
88.39	3.5		
88.39	3.5	0.08%	5.13%
87	3.523		
87	3.523	0.80%	5.94%
73	3.776		
73	3.776	0.77%	6.71%
62.5	4		
62.5	4	0.02%	6.73%
61	4.035		
61	4.035	0.49%	7.22%
51	4.293		
51	4.293	0.84%	8.06%
43	4.54		
43	4.54	1.34%	9.39%
36	4.796		
36	4.796	1.87%	11.27%
30	5.059		
30	5.059	2.42%	13.69%
25	5.322		
25	5.322	2.88%	16.57%
21	5.573		
21	5.573	3.05%	19.63%
18	5.796		
18	5.796	4.28%	23.91%
15	6.059		
15	6.059	4.81%	28.71%
12.5	6.322		
12.5	6.322	4.94%	33.66%
10.5	6.573		
10.5	6.573	4.64%	38.30%
9	6.796		
9	6.796	5.91%	44.21%
7.5	7.059		
7.5	7.059	7.55%	51.75%
6	7.381		
6	7.381	6.05%	57.81%
5	7.644		
5	7.644	4.83%	62.63%
4.3	7.861		
4.3	7.861	2.30%	64.93%
4	7.966		
4	7.966	2.30%	67.23%
3.7	8.078		
3.7	8.078	5.07%	72.30%
3.1	8.334		
3.1	8.334	4.60%	76.90%
2.6	8.587		
2.6	8.587	3.94%	80.84%
2.2	8.828		
2.2	8.828	4.16%	85.01%
1.8	9.118		
1.8	9.118	3.26%	88.26%
1.5	9.381		
1.5	9.381	2.23%	90.49%
1.3	9.587		
1.3	9.587	2.27%	92.76%
1.1	9.828		
1.1	9.828	2.30%	95.07%
0.9	10.118		
< 0,900	> 10,118	4.93%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 56
Livello (cm)	(0-25)
Peso totale (g)	30.9
Frazione > 63 μm (%)	8.1
Frazione < 63 μm (%)	91.9

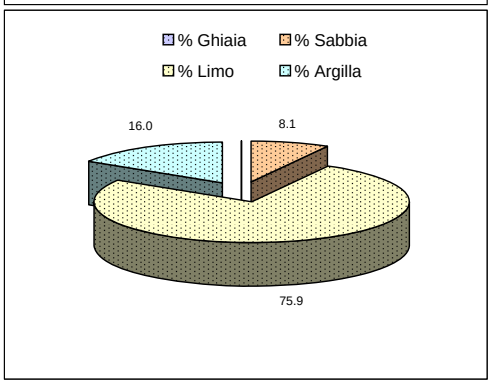
Frazione grossolana (> 63 μm) = 8.1	
% Ghiaia	% Sabbia
0.0	8.1

Frazione pelitica (< 63 μm) = 91.9	
% Limo	% Argilla
75.9	16.0

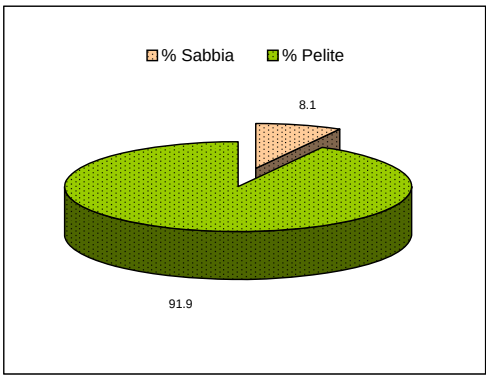
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.238
Deviazione Standard	1.703
Asimmetria (Skewness)	0.149
Appuntimento (Kurtosis)	1.102
Mediana (Φ)	6.083
Moda (Φ)	6.000

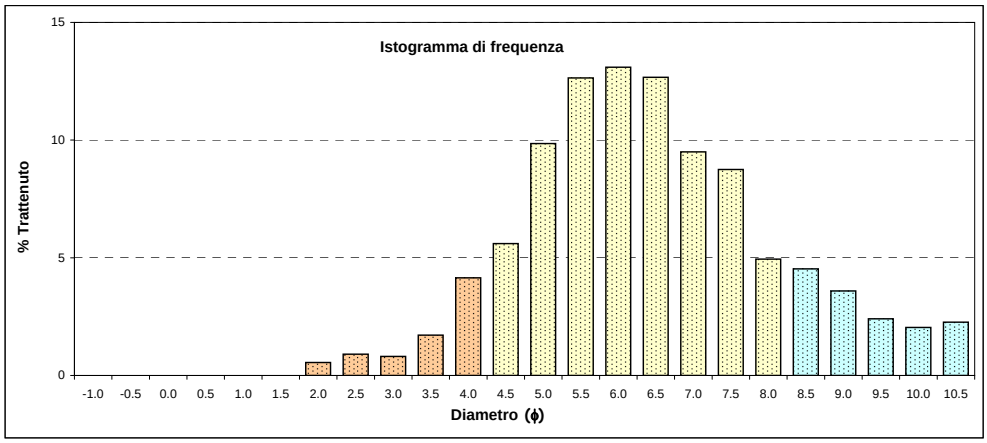
Percentili (Φ)	
5	3.638
16	4.666
25	5.115
50	6.083
75	7.271
84	7.965
95	9.437

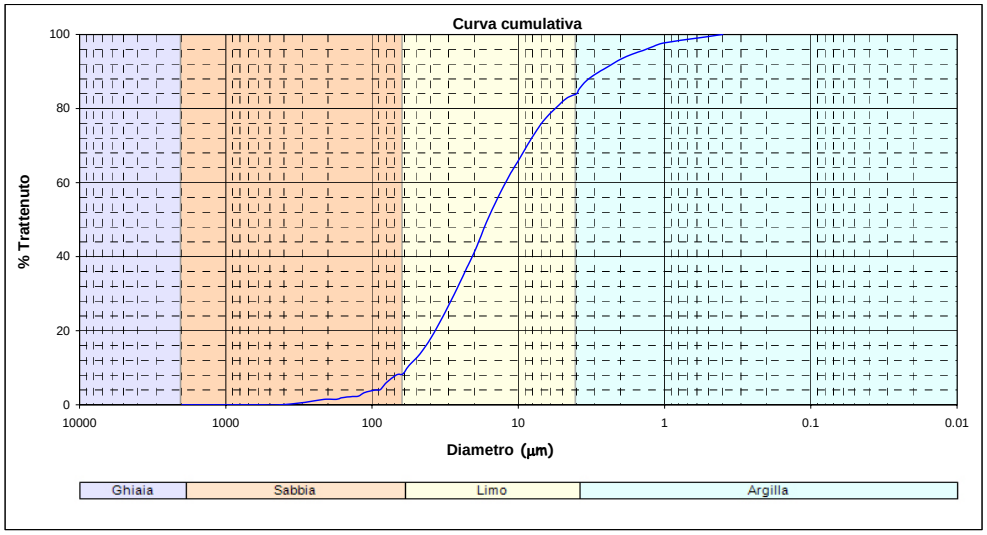
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.55%	0.55%
250	2		
250	2	0.90%	1.45%
176.78	2.5		
176.78	2.5	0.03%	1.48%
175	2.515		
175	2.515	0.44%	1.92%
147	2.766		
147	2.766	0.34%	2.26%
125	3		
125	3	0.09%	2.35%
123	3.023		
123	3.023	0.94%	3.29%
103	3.279		
103	3.279	0.68%	3.97%
88.39	3.5		
88.39	3.5	0.14%	4.11%
87	3.523		
87	3.523	1.86%	5.98%
73	3.776		
73	3.776	2.15%	8.12%
62.5	4		
62.5	4	0.15%	8.28%
61	4.035		
61	4.035	2.25%	10.53%
51	4.293		
51	4.293	3.20%	13.72%
43	4.54		
43	4.54	4.40%	18.13%
36	4.796		
36	4.796	5.45%	23.58%
30	5.059		
30	5.059	6.20%	29.78%
25	5.322		
25	5.322	6.44%	36.22%
21	5.573		
21	5.573	5.96%	42.18%
18	5.796		
18	5.796	7.14%	49.32%
15	6.059		
15	6.059	6.78%	56.10%
12.5	6.322		
12.5	6.322	5.88%	61.99%
10.5	6.573		
10.5	6.573	4.63%	66.62%
9	6.796		
9	6.796	4.86%	71.48%
7.5	7.059		
7.5	7.059	5.15%	76.63%
6	7.381		
6	7.381	3.60%	80.23%
5	7.644		
5	7.644	2.62%	82.85%
4.3	7.861		
4.3	7.861	1.16%	84.01%
4	7.966		
4	7.966	1.16%	85.18%
3.7	8.078		
3.7	8.078	2.42%	87.60%
3.1	8.334		
3.1	8.334	2.11%	89.71%
2.6	8.587		
2.6	8.587	1.76%	91.46%
2.2	8.828		
2.2	8.828	1.83%	93.29%
1.8	9.118		
1.8	9.118	1.43%	94.72%
1.5	9.381		
1.5	9.381	0.98%	95.70%
1.3	9.587		
1.3	9.587	1.01%	96.70%
1.1	9.828		
1.1	9.828	1.03%	97.74%
0.9	10.118		
< 0,900	> 10,118	2.26%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 56
Livello (cm)	(25-50)
Peso totale (g)	26.4
Frazione > 63 μm (%)	21.1
Frazione < 63 μm (%)	78.9

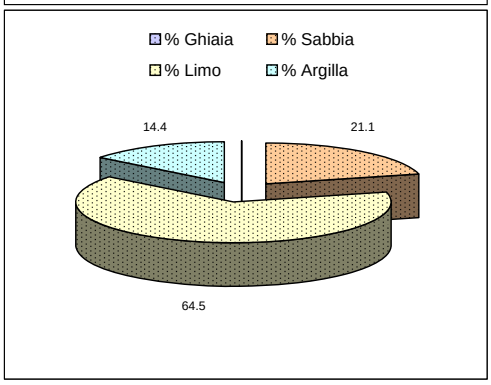
Frazione grossolana (> 63 μm) = 21.1	
% Ghiaia	% Sabbia
0.0	21.1

Frazione pelitica (< 63 μm) = 78.9	
% Limo	% Argilla
64.5	14.4

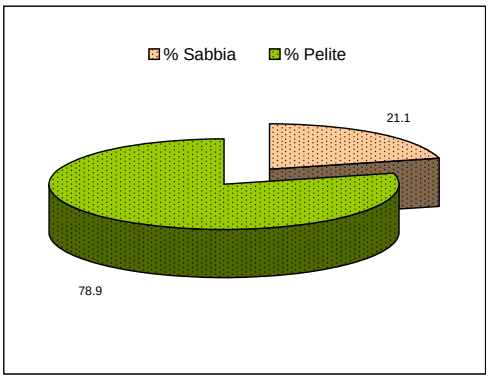
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.716
Deviazione Standard	2.098
Asimmetria (Skewness)	0.030
Appuntimento (Kurtosis)	1.085
Mediana (Φ)	5.702
Moda (Φ)	5.500

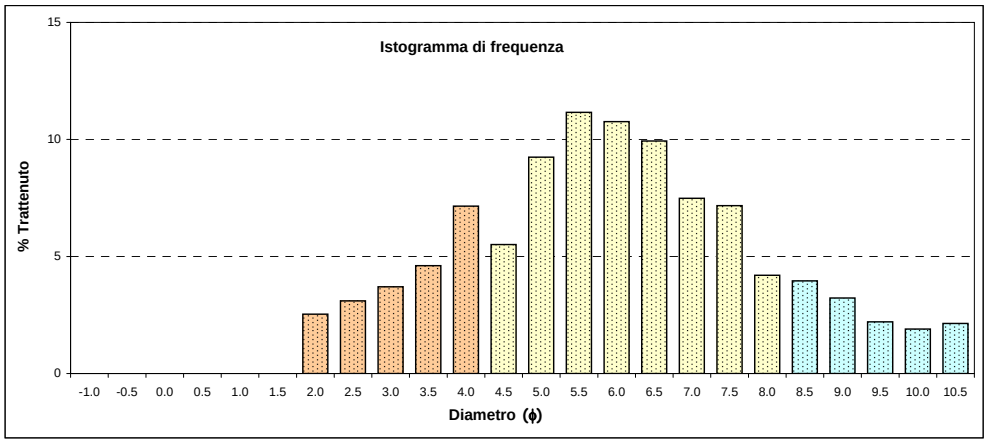
Percentili (Φ)	
5	2.382
16	3.644
25	4.406
50	5.702
75	7.044
84	7.802
95	9.369

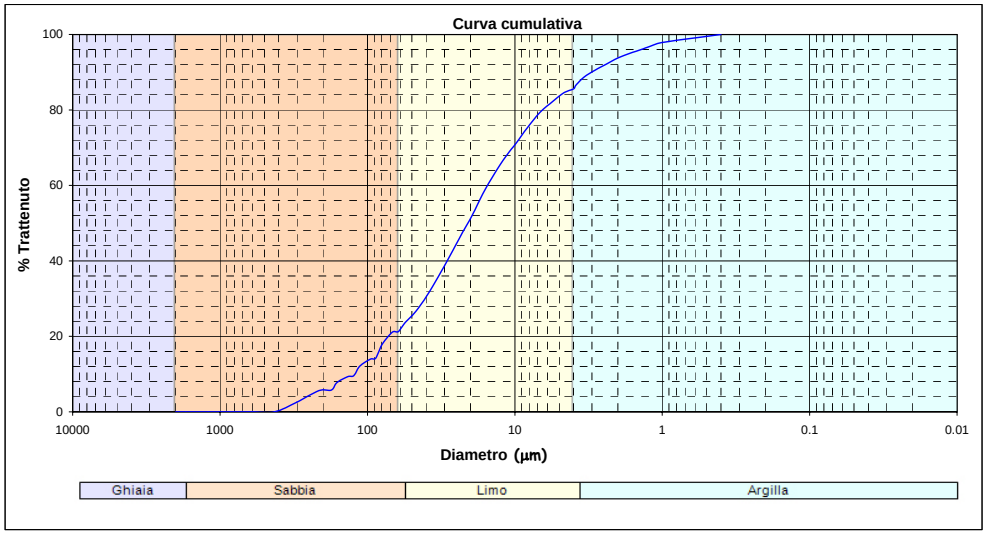
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.54%	2.54%
250	2		
250	2	3.10%	5.64%
176.78	2.5		
176.78	2.5	0.13%	5.77%
175	2.515		
175	2.515	2.01%	7.77%
147	2.766		
147	2.766	1.58%	9.35%
125	3		
125	3	0.25%	9.60%
123	3.023		
123	3.023	2.50%	12.10%
103	3.279		
103	3.279	1.85%	13.95%
88.39	3.5		
88.39	3.5	0.30%	14.25%
87	3.523		
87	3.523	3.49%	17.74%
73	3.776		
73	3.776	3.36%	21.10%
62.5	4		
62.5	4	0.16%	21.26%
61	4.035		
61	4.035	2.24%	23.50%
51	4.293		
51	4.293	3.11%	26.61%
43	4.54		
43	4.54	4.19%	30.80%
36	4.796		
36	4.796	5.06%	35.86%
30	5.059		
30	5.059	5.57%	41.43%
25	5.322		
25	5.322	5.59%	47.02%
21	5.573		
21	5.573	4.99%	52.00%
18	5.796		
18	5.796	5.77%	57.77%
15	6.059		
15	6.059	5.35%	63.12%
12.5	6.322		
12.5	6.322	4.59%	67.71%
10.5	6.573		
10.5	6.573	3.62%	71.33%
9	6.796		
9	6.796	3.86%	75.20%
7.5	7.059		
7.5	7.059	4.18%	79.38%
6	7.381		
6	7.381	2.99%	82.36%
5	7.644		
5	7.644	2.21%	84.57%
4.3	7.861		
4.3	7.861	0.99%	85.57%
4	7.966		
4	7.966	0.99%	86.56%
3.7	8.078		
3.7	8.078	2.10%	88.67%
3.1	8.334		
3.1	8.334	1.86%	90.52%
2.6	8.587		
2.6	8.587	1.57%	92.09%
2.2	8.828		
2.2	8.828	1.66%	93.75%
1.8	9.118		
1.8	9.118	1.31%	95.06%
1.5	9.381		
1.5	9.381	0.90%	95.96%
1.3	9.587		
1.3	9.587	0.93%	96.89%
1.1	9.828		
1.1	9.828	0.97%	97.86%
0.9	10.118		
< 0,900	> 10,118	2.14%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 56
Livello (cm)	(50-75)
Peso totale (g)	40.9
Frazione > 63 μm (%)	18.8
Frazione < 63 μm (%)	81.2

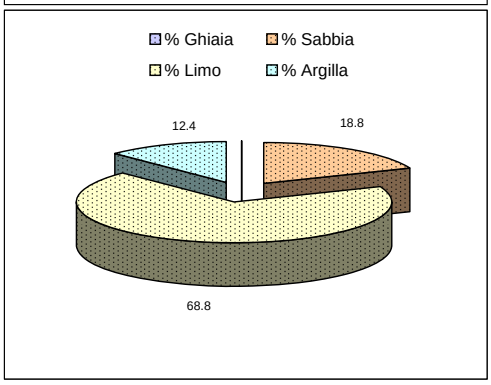
Frazione grossolana (> 63 μm) = 18.8	
% Ghiaia	% Sabbia
0.0	18.8

Frazione pelitica (< 63 μm) = 81.2	
% Limo	% Argilla
68.8	12.4

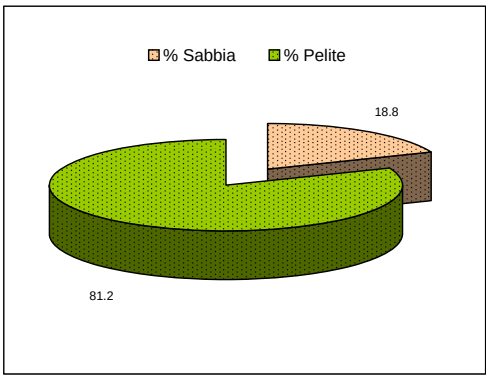
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.658
Deviazione Standard	1.918
Asimmetria (Skewness)	0.109
Appuntimento (Kurtosis)	1.111
Mediana (Φ)	5.554
Moda (Φ)	5.500

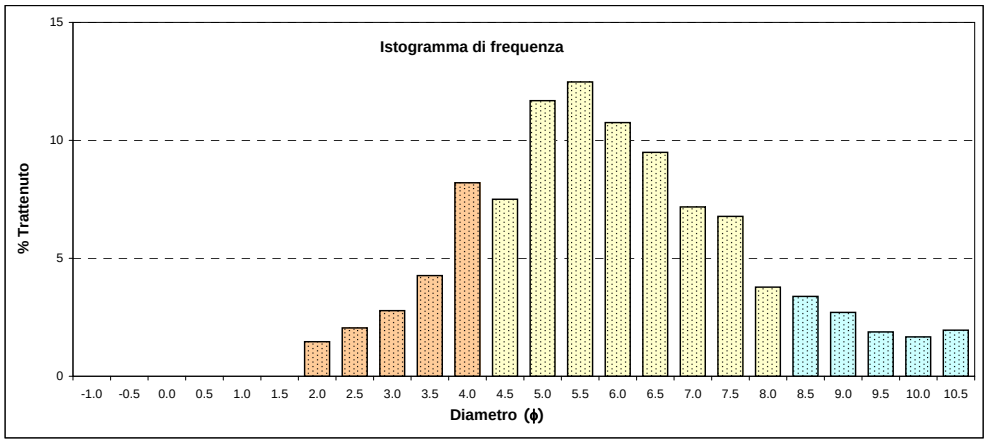
Percentili (Φ)	
5	2.745
16	3.840
25	4.461
50	5.554
75	6.853
84	7.580
95	9.231

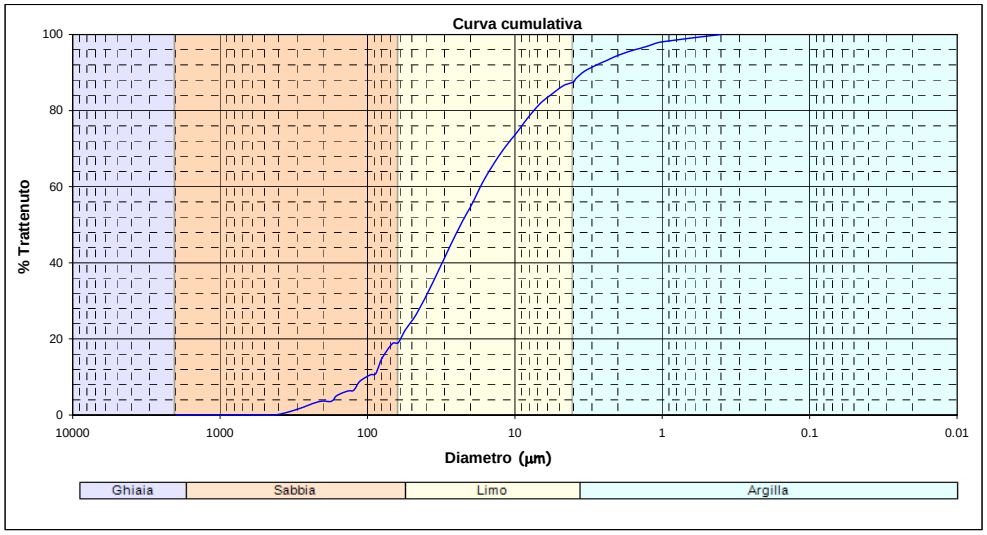
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.47%	1.47%
250	2		
250	2	2.05%	3.52%
176.78	2.5		
176.78	2.5	0.10%	3.61%
175	2.515		
175	2.515	1.51%	5.12%
147	2.766		
147	2.766	1.18%	6.30%
125	3		
125	3	0.23%	6.53%
123	3.023		
123	3.023	2.29%	8.83%
103	3.279		
103	3.279	1.74%	10.57%
88.39	3.5		
88.39	3.5	0.33%	10.89%
87	3.523		
87	3.523	3.91%	14.80%
73	3.776		
73	3.776	3.96%	18.77%
62.5	4		
62.5	4	0.22%	18.99%
61	4.035		
61	4.035	3.09%	22.07%
51	4.293		
51	4.293	4.19%	26.27%
43	4.54		
43	4.54	5.44%	31.71%
36	4.796		
36	4.796	6.24%	37.95%
30	5.059		
30	5.059	6.44%	44.39%
25	5.322		
25	5.322	6.04%	50.43%
21	5.573		
21	5.573	5.10%	55.53%
18	5.796		
18	5.796	5.65%	61.18%
15	6.059		
15	6.059	5.12%	66.30%
12.5	6.322		
12.5	6.322	4.37%	70.67%
10.5	6.573		
10.5	6.573	3.47%	74.14%
9	6.796		
9	6.796	3.71%	77.85%
7.5	7.059		
7.5	7.059	3.98%	81.84%
6	7.381		
6	7.381	2.79%	84.63%
5	7.644		
5	7.644	2.01%	86.64%
4.3	7.861		
4.3	7.861	0.88%	87.53%
4	7.966		
4	7.966	0.88%	88.41%
3.7	8.078		
3.7	8.078	1.82%	90.22%
3.1	8.334		
3.1	8.334	1.57%	91.80%
2.6	8.587		
2.6	8.587	1.32%	93.11%
2.2	8.828		
2.2	8.828	1.39%	94.50%
1.8	9.118		
1.8	9.118	1.10%	95.61%
1.5	9.381		
1.5	9.381	0.77%	96.38%
1.3	9.587		
1.3	9.587	0.81%	97.19%
1.1	9.828		
1.1	9.828	0.86%	98.05%
0.9	10.118		
< 0,900	> 10,118	1.95%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 56
Livello (cm)	(75-100)
Peso totale (g)	40.8
Frazione > 63 μm (%)	25.8
Frazione < 63 μm (%)	74.2

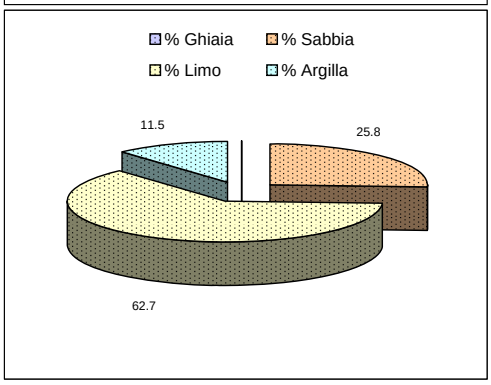
Frazione grossolana (> 63 μm) = 25.8	
% Ghiaia	% Sabbia
0.0	25.8

Frazione pelitica (< 63 μm) = 74.2	
% Limo	% Argilla
62.7	11.5

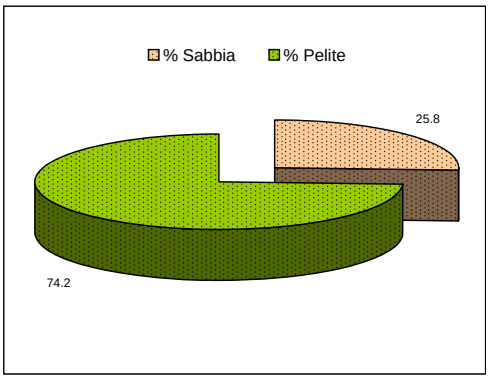
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.438
Deviazione Standard	2.030
Asimmetria (Skewness)	0.041
Appuntimento (Kurtosis)	0.992
Mediana (Φ)	5.462
Moda (Φ)	5.500

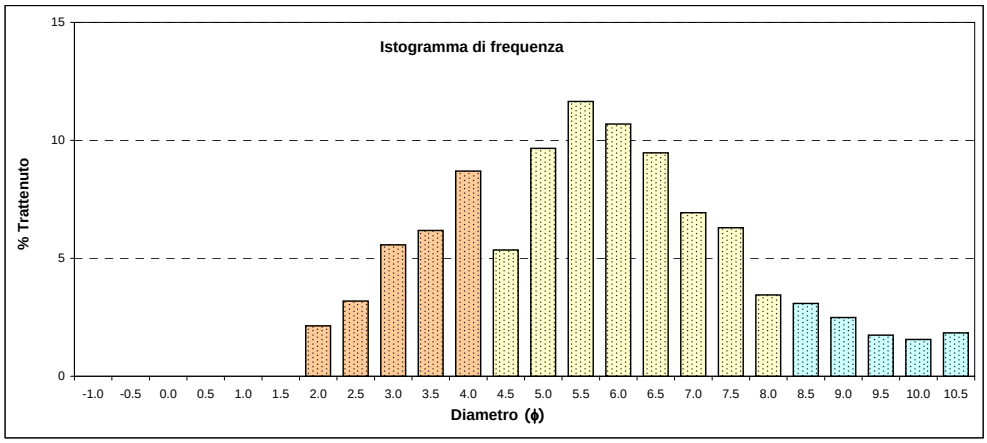
Percentili (Φ)	
5	2.441
16	3.400
25	3.954
50	5.462
75	6.728
84	7.452
95	9.153

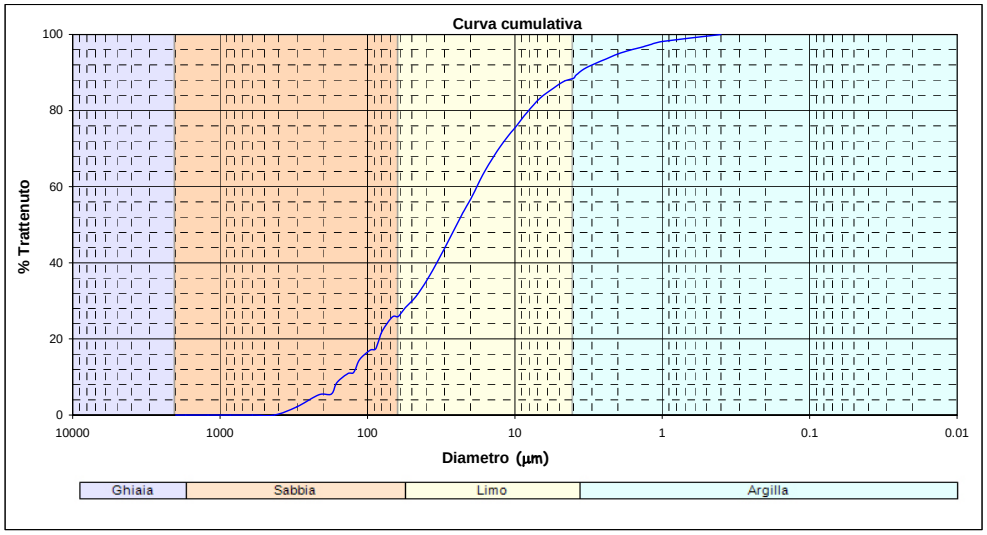
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.13%	2.13%
250	2		
250	2	3.19%	5.32%
176.78	2.5		
176.78	2.5	0.19%	5.51%
175	2.515		
175	2.515	3.01%	8.53%
147	2.766		
147	2.766	2.37%	10.89%
125	3		
125	3	0.34%	11.23%
123	3.023		
123	3.023	3.38%	14.61%
103	3.279		
103	3.279	2.47%	17.07%
88.39	3.5		
88.39	3.5	0.39%	17.47%
87	3.523		
87	3.523	4.35%	21.82%
73	3.776		
73	3.776	3.95%	25.77%
62.5	4		
62.5	4	0.14%	25.91%
61	4.035		
61	4.035	2.11%	28.02%
51	4.293		
51	4.293	3.10%	31.12%
43	4.54		
43	4.54	4.33%	35.45%
36	4.796		
36	4.796	5.33%	40.78%
30	5.059		
30	5.059	5.87%	46.65%
25	5.322		
25	5.322	5.78%	52.43%
21	5.573		
21	5.573	5.03%	57.46%
18	5.796		
18	5.796	5.66%	63.12%
15	6.059		
15	6.059	5.13%	68.25%
12.5	6.322		
12.5	6.322	4.34%	72.59%
10.5	6.573		
10.5	6.573	3.39%	75.98%
9	6.796		
9	6.796	3.55%	79.53%
7.5	7.059		
7.5	7.059	3.73%	83.25%
6	7.381		
6	7.381	2.57%	85.83%
5	7.644		
5	7.644	1.84%	87.66%
4.3	7.861		
4.3	7.861	0.80%	88.47%
4	7.966		
4	7.966	0.80%	89.27%
3.7	8.078		
3.7	8.078	1.65%	90.92%
3.1	8.334		
3.1	8.334	1.44%	92.36%
2.6	8.587		
2.6	8.587	1.21%	93.57%
2.2	8.828		
2.2	8.828	1.28%	94.85%
1.8	9.118		
1.8	9.118	1.03%	95.88%
1.5	9.381		
1.5	9.381	0.72%	96.60%
1.3	9.587		
1.3	9.587	0.76%	97.36%
1.1	9.828		
1.1	9.828	0.80%	98.16%
0.9	10.118		
< 0,900	> 10,118	1.84%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 56
Livello (cm)	(100-125)
Peso totale (g)	30.6
Frazione > 63 μm (%)	26.1
Frazione < 63 μm (%)	73.9

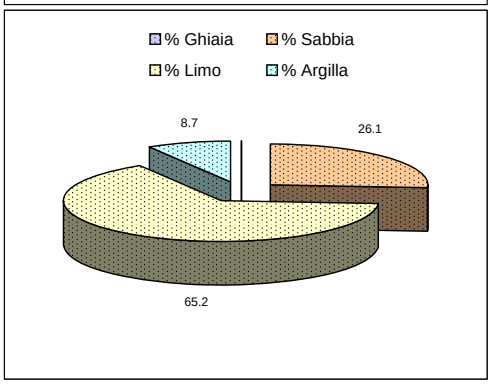
Frazione grossolana (> 63 μm) = 26.1	
% Ghiaia	% Sabbia
0.0	26.1

Frazione pelitica (< 63 μm) = 73.9	
% Limo	% Argilla
65.2	8.7

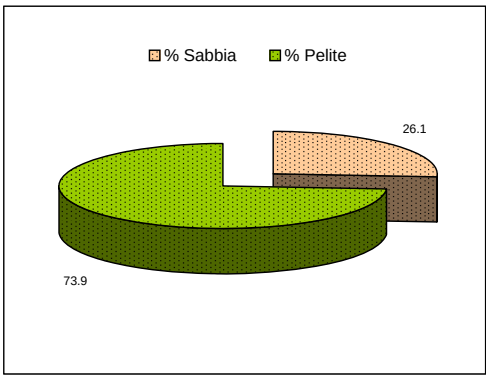
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.189
Deviazione Standard	1.900
Asimmetria (Skewness)	0.061
Appuntimento (Kurtosis)	1.103
Mediana (Φ)	5.175
Moda (Φ)	5.500

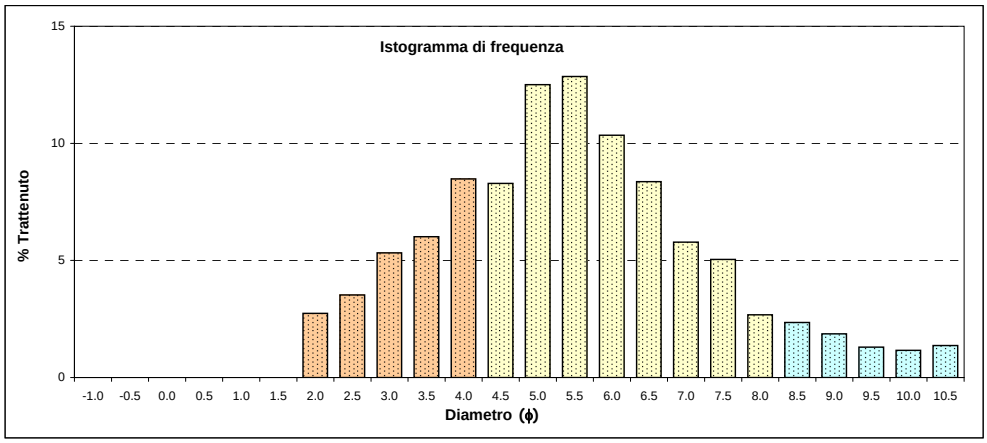
Percentili (Φ)	
5	2.300
16	3.356
25	3.938
50	5.175
75	6.341
84	7.036
95	8.768

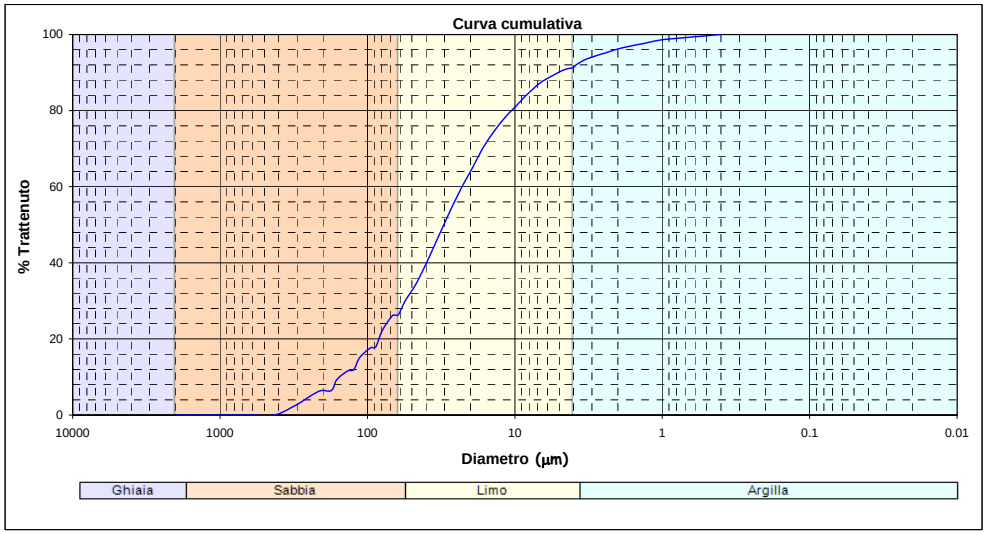
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.74%	2.74%
250	2		
250	2	3.53%	6.27%
176.78	2.5		
176.78	2.5	0.18%	6.45%
175	2.515		
175	2.515	2.88%	9.33%
147	2.766		
147	2.766	2.26%	11.59%
125	3		
125	3	0.32%	11.91%
123	3.023		
123	3.023	3.18%	15.08%
103	3.279		
103	3.279	2.52%	17.61%
88.39	3.5		
88.39	3.5	0.33%	17.93%
87	3.523		
87	3.523	4.02%	21.96%
73	3.776		
73	3.776	4.13%	26.09%
62.5	4		
62.5	4	0.26%	26.34%
61	4.035		
61	4.035	3.45%	29.79%
51	4.293		
51	4.293	4.59%	34.38%
43	4.54		
43	4.54	5.87%	40.25%
36	4.796		
36	4.796	6.63%	46.88%
30	5.059		
30	5.059	6.72%	53.60%
25	5.322		
25	5.322	6.14%	59.73%
21	5.573		
21	5.573	5.02%	64.75%
18	5.796		
18	5.796	5.33%	70.08%
15	6.059		
15	6.059	4.61%	74.69%
12.5	6.322		
12.5	6.322	3.76%	78.45%
10.5	6.573		
10.5	6.573	2.86%	81.31%
9	6.796		
9	6.796	2.92%	84.23%
7.5	7.059		
7.5	7.059	3.01%	87.24%
6	7.381		
6	7.381	2.04%	89.28%
5	7.644		
5	7.644	1.44%	90.72%
4.3	7.861		
4.3	7.861	0.62%	91.34%
4	7.966		
4	7.966	0.62%	91.96%
3.7	8.078		
3.7	8.078	1.26%	93.22%
3.1	8.334		
3.1	8.334	1.09%	94.31%
2.6	8.587		
2.6	8.587	0.91%	95.21%
2.2	8.828		
2.2	8.828	0.96%	96.17%
1.8	9.118		
1.8	9.118	0.76%	96.93%
1.5	9.381		
1.5	9.381	0.54%	97.47%
1.3	9.587		
1.3	9.587	0.56%	98.03%
1.1	9.828		
1.1	9.828	0.60%	98.63%
0.9	10.118		
< 0,900	> 10,118	1.37%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 56
Livello (cm)	(125-150)
Peso totale (g)	50.6
Frazione > 63 μm (%)	35.8
Frazione < 63 μm (%)	64.2

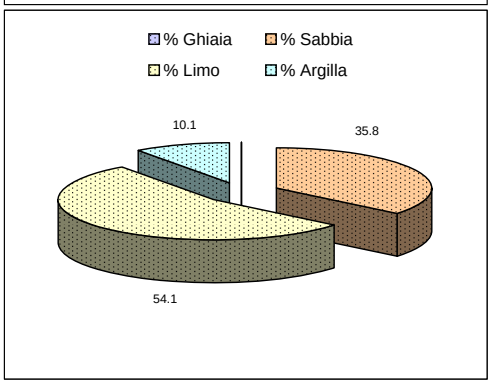
Frazione grossolana (> 63 μm) = 35.8	
% Ghiaia	% Sabbia
0.0	35.8

Frazione pelitica (< 63 μm) = 64.2	
% Limo	% Argilla
54.1	10.1

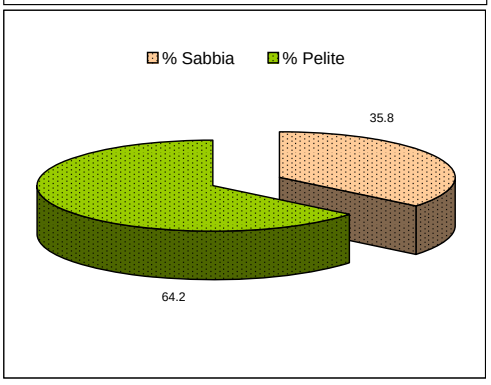
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.018
Deviazione Standard	2.137
Asimmetria (Skewness)	0.105
Appuntimento (Kurtosis)	0.958
Mediana (Φ)	4.946
Moda (Φ)	4.000

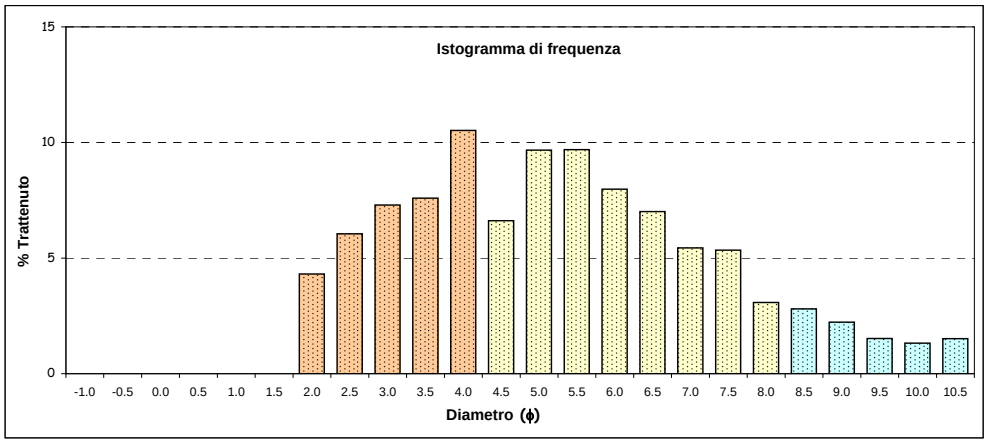
Percentili (Φ)	
5	2.049
16	2.870
25	3.481
50	4.946
75	6.433
84	7.237
95	8.947

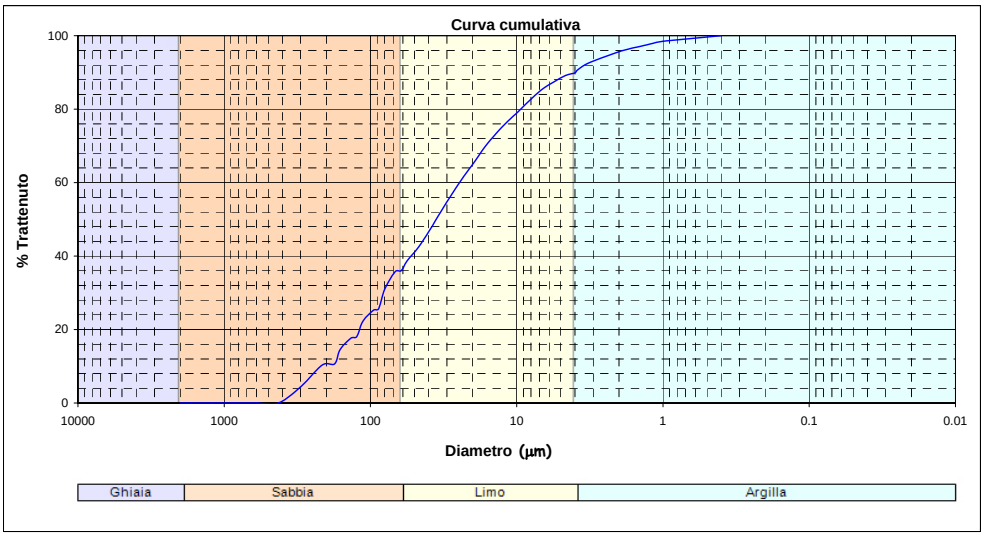
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.31%	4.31%
250	2		
250	2	6.05%	10.36%
176.78	2.5		
176.78	2.5	0.25%	10.61%
175	2.515		
175	2.515	3.94%	14.56%
147	2.766		
147	2.766	3.10%	17.65%
125	3		
125	3	0.41%	18.06%
123	3.023		
123	3.023	4.09%	22.16%
103	3.279		
103	3.279	3.09%	25.25%
88.39	3.5		
88.39	3.5	0.46%	25.71%
87	3.523		
87	3.523	5.22%	30.93%
73	3.776		
73	3.776	4.84%	35.77%
62.5	4		
62.5	4	0.21%	35.97%
61	4.035		
61	4.035	2.77%	38.74%
51	4.293		
51	4.293	3.64%	42.39%
43	4.54		
43	4.54	4.59%	46.98%
36	4.796		
36	4.796	5.09%	52.06%
30	5.059		
30	5.059	5.07%	57.13%
25	5.322		
25	5.322	4.62%	61.75%
21	5.573		
21	5.573	3.81%	65.56%
18	5.796		
18	5.796	4.17%	69.73%
15	6.059		
15	6.059	3.77%	73.50%
12.5	6.322		
12.5	6.322	3.24%	76.74%
10.5	6.573		
10.5	6.573	2.61%	79.35%
9	6.796		
9	6.796	2.84%	82.19%
7.5	7.059		
7.5	7.059	3.12%	85.30%
6	7.381		
6	7.381	2.23%	87.53%
5	7.644		
5	7.644	1.63%	89.16%
4.3	7.861		
4.3	7.861	0.72%	89.89%
4	7.966		
4	7.966	0.72%	90.61%
3.7	8.078		
3.7	8.078	1.50%	92.11%
3.1	8.334		
3.1	8.334	1.30%	93.42%
2.6	8.587		
2.6	8.587	1.09%	94.50%
2.2	8.828		
2.2	8.828	1.14%	95.64%
1.8	9.118		
1.8	9.118	0.90%	96.54%
1.5	9.381		
1.5	9.381	0.62%	97.16%
1.3	9.587		
1.3	9.587	0.65%	97.81%
1.1	9.828		
1.1	9.828	0.67%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 56**
Livello (cm)	**(150-175)**
Peso totale (g)	39.5
Frazione > 63 μm (%)	21.7
Frazione < 63 μm (%)	78.3

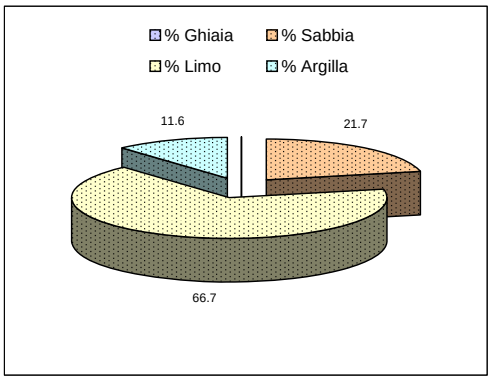
Frazione grossolana (> 63 μm) =	**21.7**
% Ghiaia	**% Sabbia**
0.0	**21.7**

Frazione pelitica (< 63 μm) =	**78.3**
% Limo	**% Argilla**
66.7	**11.6**

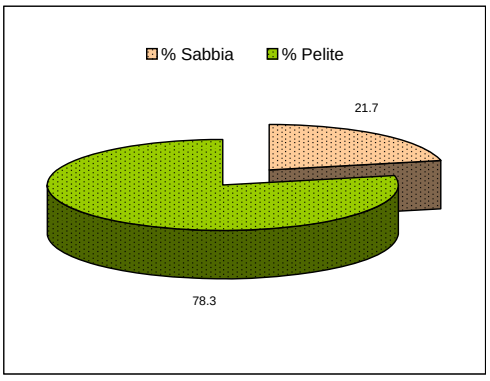
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.487
Deviazione Standard	2.025
Asimmetria (Skewness)	0.071
Appuntimento (Kurtosis)	1.163
Mediana (Φ)	5.391
Moda (Φ)	5.500

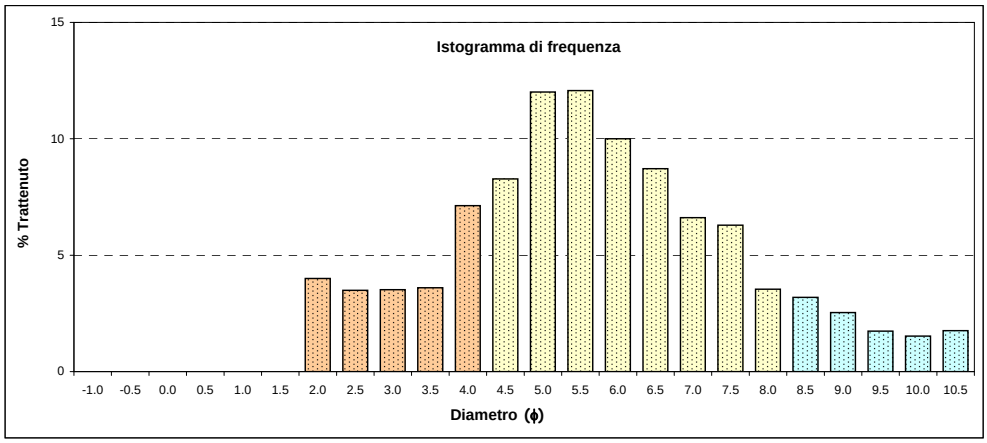
Percentili (Φ)	
5	2.127
16	3.606
25	4.256
50	5.391
75	6.722
84	7.465
95	9.123

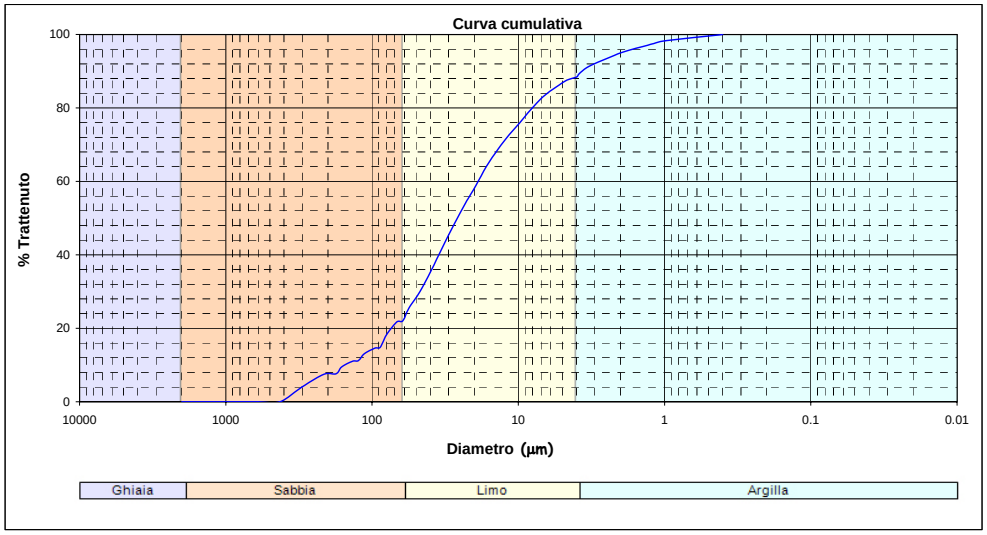
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.00%	4.00%
250	2		
250	2	3.49%	7.49%
176.78	2.5		
176.78	2.5	0.12%	7.61%
175	2.515		
175	2.515	1.90%	9.51%
147	2.766		
147	2.766	1.49%	11.01%
125	3		
125	3	0.19%	11.20%
123	3.023		
123	3.023	1.89%	13.09%
103	3.279		
103	3.279	1.52%	14.61%
88.39	3.5		
88.39	3.5	0.25%	14.86%
87	3.523		
87	3.523	3.27%	18.12%
73	3.776		
73	3.776	3.61%	21.73%
62.5	4		
62.5	4	0.26%	21.99%
61	4.035		
61	4.035	3.47%	25.46%
51	4.293		
51	4.293	4.54%	30.01%
43	4.54		
43	4.54	5.70%	35.70%
36	4.796		
36	4.796	6.31%	42.02%
30	5.059		
30	5.059	6.31%	48.33%
25	5.322		
25	5.322	5.76%	54.09%
21	5.573		
21	5.573	4.77%	58.86%
18	5.796		
18	5.796	5.23%	64.09%
15	6.059		
15	6.059	4.71%	68.80%
12.5	6.322		
12.5	6.322	4.01%	72.81%
10.5	6.573		
10.5	6.573	3.19%	76.00%
9	6.796		
9	6.796	3.42%	79.42%
7.5	7.059		
7.5	7.059	3.69%	83.11%
6	7.381		
6	7.381	2.60%	85.71%
5	7.644		
5	7.644	1.88%	87.60%
4.3	7.861		
4.3	7.861	0.83%	88.42%
4	7.966		
4	7.966	0.83%	89.25%
3.7	8.078		
3.7	8.078	1.71%	90.96%
3.1	8.334		
3.1	8.334	1.48%	92.44%
2.6	8.587		
2.6	8.587	1.24%	93.68%
2.2	8.828		
2.2	8.828	1.30%	94.98%
1.8	9.118		
1.8	9.118	1.03%	96.00%
1.5	9.381		
1.5	9.381	0.71%	96.72%
1.3	9.587		
1.3	9.587	0.74%	97.46%
1.1	9.828		
1.1	9.828	0.78%	98.24%
0.9	10.118		
< 0,900	> 10,118	1.76%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 56**
Livello (cm)	**(175-200)**
Peso totale (g)	55.5
Frazione > 63 μm (%)	36.6
Frazione < 63 μm (%)	63.4

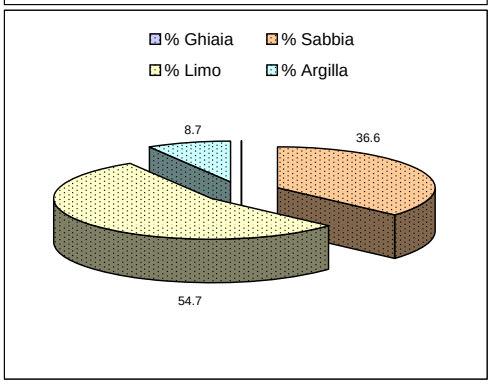
Frazione grossolana (> 63 μm) = 36.6	
% Ghiaia	**% Sabbia**
0.0	**36.6**

Frazione pelitica (< 63 μm) = 63.4	
% Limo	**% Argilla**
54.7	**8.7**

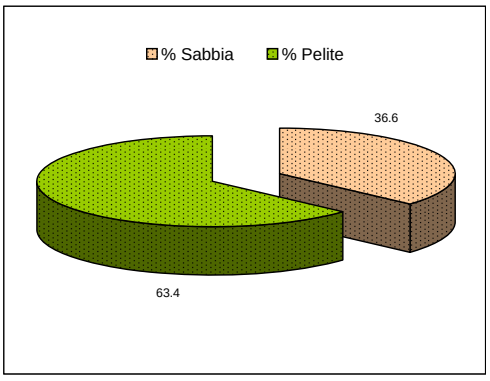
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.975
Deviazione Standard	2.019
Asimmetria (Skewness)	0.105
Appuntimento (Kurtosis)	1.021
Mediana (Φ)	4.895
Moda (Φ)	4.000

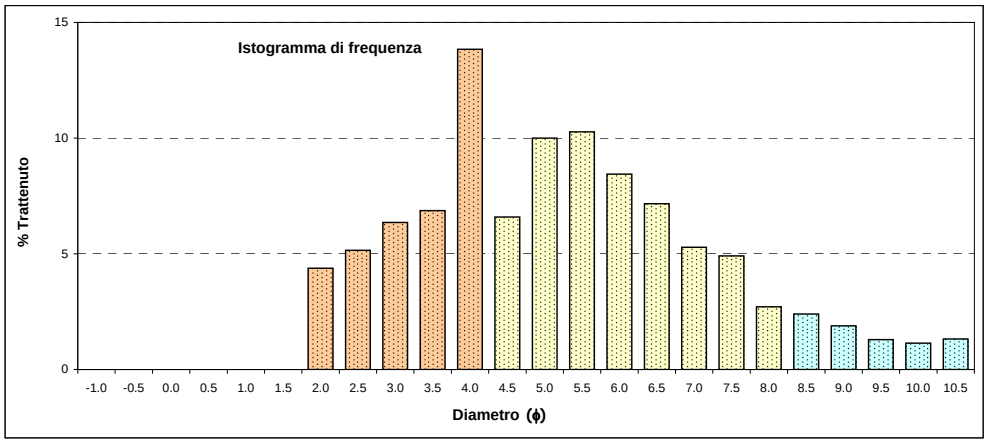
Percentili (Φ)	
5	2.052
16	3.007
25	3.577
50	4.895
75	6.265
84	7.023
95	8.751

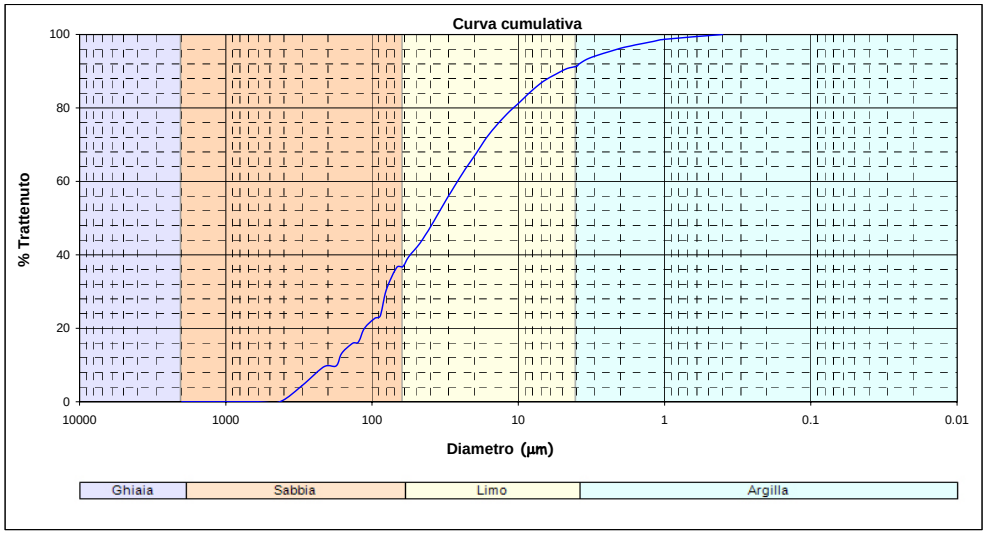
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.38%	4.38%
250	2		
250	2	5.15%	9.53%
176.78	2.5		
176.78	2.5	0.22%	9.74%
175	2.515		
175	2.515	3.44%	13.18%
147	2.766		
147	2.766	2.70%	15.88%
125	3		
125	3	0.37%	16.26%
123	3.023		
123	3.023	3.72%	19.97%
103	3.279		
103	3.279	2.78%	22.75%
88.39	3.5		
88.39	3.5	0.64%	23.40%
87	3.523		
87	3.523	7.02%	30.41%
73	3.776		
73	3.776	6.18%	36.59%
62.5	4		
62.5	4	0.20%	36.78%
61	4.035		
61	4.035	2.73%	39.51%
51	4.293		
51	4.293	3.67%	43.18%
43	4.54		
43	4.54	4.70%	47.88%
36	4.796		
36	4.796	5.30%	53.18%
30	5.059		
30	5.059	5.36%	58.54%
25	5.322		
25	5.322	4.91%	63.45%
21	5.573		
21	5.573	4.05%	67.50%
18	5.796		
18	5.796	4.39%	71.89%
15	6.059		
15	6.059	3.89%	75.78%
12.5	6.322		
12.5	6.322	3.27%	79.05%
10.5	6.573		
10.5	6.573	2.57%	81.62%
9	6.796		
9	6.796	2.72%	84.34%
7.5	7.059		
7.5	7.059	2.89%	87.23%
6	7.381		
6	7.381	2.02%	89.25%
5	7.644		
5	7.644	1.45%	90.70%
4.3	7.861		
4.3	7.861	0.63%	91.33%
4	7.966		
4	7.966	0.63%	91.96%
3.7	8.078		
3.7	8.078	1.29%	93.25%
3.1	8.334		
3.1	8.334	1.11%	94.36%
2.6	8.587		
2.6	8.587	0.92%	95.28%
2.2	8.828		
2.2	8.828	0.97%	96.25%
1.8	9.118		
1.8	9.118	0.76%	97.01%
1.5	9.381		
1.5	9.381	0.53%	97.54%
1.3	9.587		
1.3	9.587	0.56%	98.09%
1.1	9.828		
1.1	9.828	0.58%	98.68%
0.9	10.118		
< 0,900	> 10,118	1.32%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 57
Livello (cm)	(0-25)
Peso totale (g)	24.2
Frazione > 63 µm (%)	5.0
Frazione < 63 µm (%)	95.0

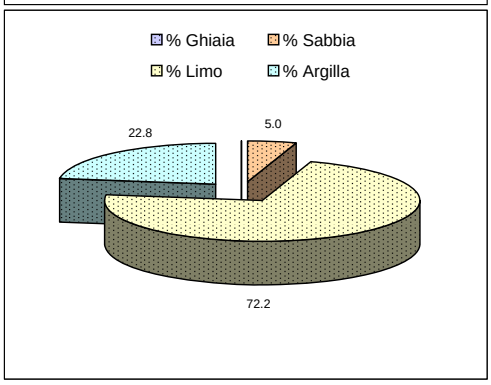
Frazione grossolana (> 63 µm) = 5.0	
% Ghiaia	% Sabbia
0.0	5.0

Frazione pelitica (< 63 µm) = 95.0	
% Limo	% Argilla
72.2	22.8

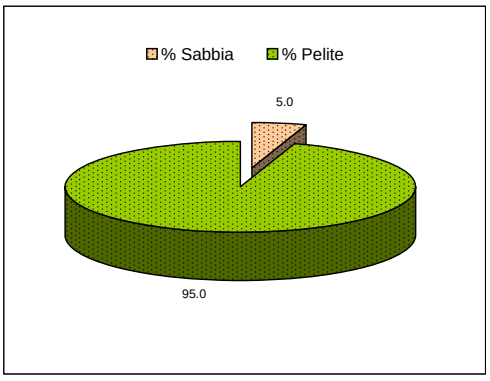
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.730
Deviazione Standard	1.727
Asimmetria (Skewness)	0.145
Appuntimento (Kurtosis)	1.072
Mediana (Φ)	6.546
Moda (Φ)	6.500

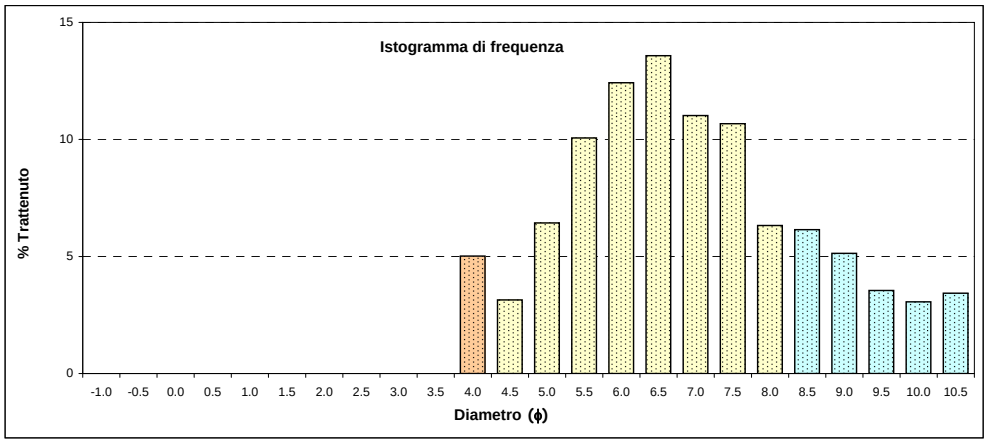
Percentili (Φ)	
5	3.998
16	5.133
25	5.587
50	6.546
75	7.815
84	8.510
95	9.826

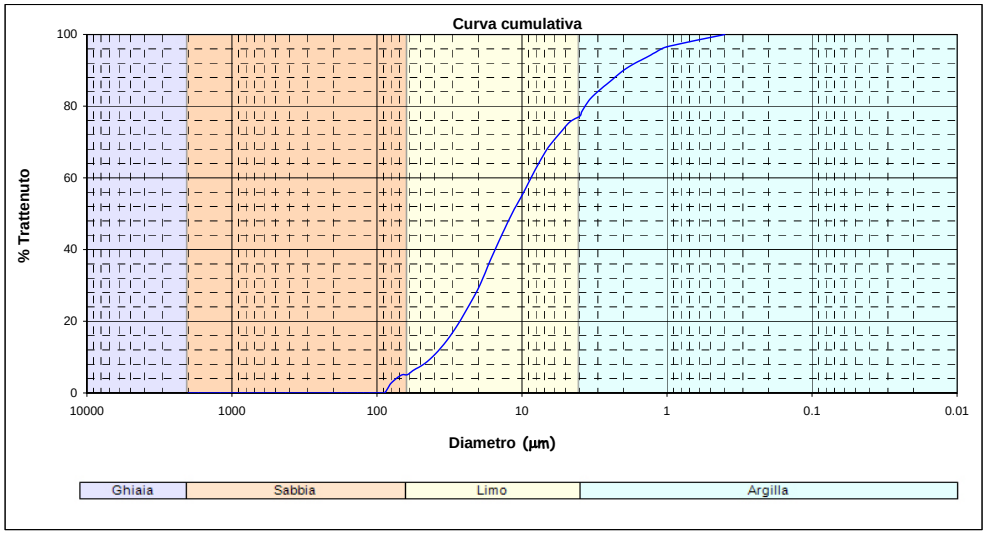
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.23%	0.23%
87	3.523		
87	3.523	2.50%	2.73%
73	3.776		
73	3.776	2.29%	5.02%
62.5	4		
62.5	4	0.08%	5.10%
61	4.035		
61	4.035	1.23%	6.33%
51	4.293		
51	4.293	1.83%	8.16%
43	4.54		
43	4.54	2.72%	10.88%
36	4.796		
36	4.796	3.71%	14.59%
30	5.059		
30	5.059	4.68%	19.28%
25	5.322		
25	5.322	5.38%	24.66%
21	5.573		
21	5.573	5.41%	30.07%
18	5.796		
18	5.796	7.01%	37.08%
15	6.059		
15	6.059	7.11%	44.19%
12.5	6.322		
12.5	6.322	6.47%	50.66%
10.5	6.573		
10.5	6.573	5.29%	55.96%
9	6.796		
9	6.796	5.73%	61.68%
7.5	7.059		
7.5	7.059	6.22%	67.90%
6	7.381		
6	7.381	4.45%	72.36%
5	7.644		
5	7.644	3.31%	75.67%
4.3	7.861		
4.3	7.861	1.51%	77.17%
4	7.966		
4	7.966	1.51%	78.68%
3.7	8.078		
3.7	8.078	3.24%	81.92%
3.1	8.334		
3.1	8.334	2.90%	84.83%
2.6	8.587		
2.6	8.587	2.48%	87.31%
2.2	8.828		
2.2	8.828	2.65%	89.96%
1.8	9.118		
1.8	9.118	2.10%	92.05%
1.5	9.381		
1.5	9.381	1.45%	93.51%
1.3	9.587		
1.3	9.587	1.51%	95.01%
1.1	9.828		
1.1	9.828	1.56%	96.57%
0.9	10.118		
< 0,900	> 10,118	3.43%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 57
Livello (cm)	(25-50)
Peso totale (g)	32.8
Frazione > 63 μm (%)	5.0
Frazione < 63 μm (%)	95.0

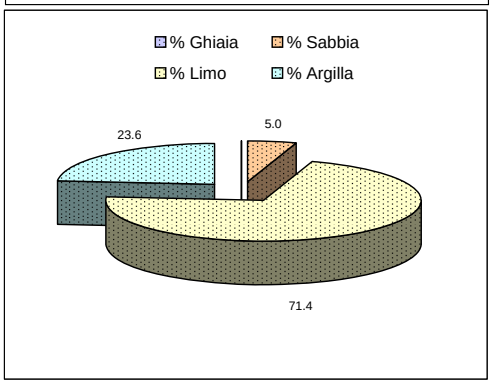
Frazione grossolana (> 63 μm) = 5.0	
% Ghiaia	% Sabbia
0.0	5.0

Frazione pelitica (< 63 μm) = 95.0	
% Limo	% Argilla
71.4	23.6

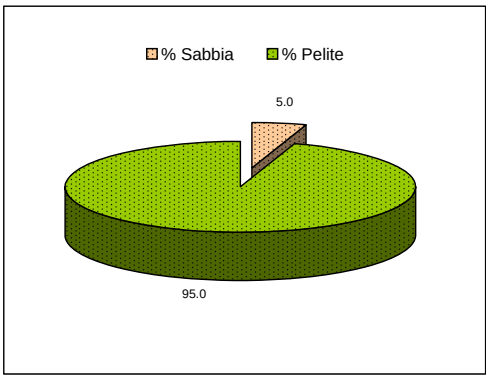
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.748
Deviazione Standard	1.749
Asimmetria (Skewness)	0.141
Appuntimento (Kurtosis)	1.043
Mediana (Φ)	6.567
Moda (Φ)	6.500

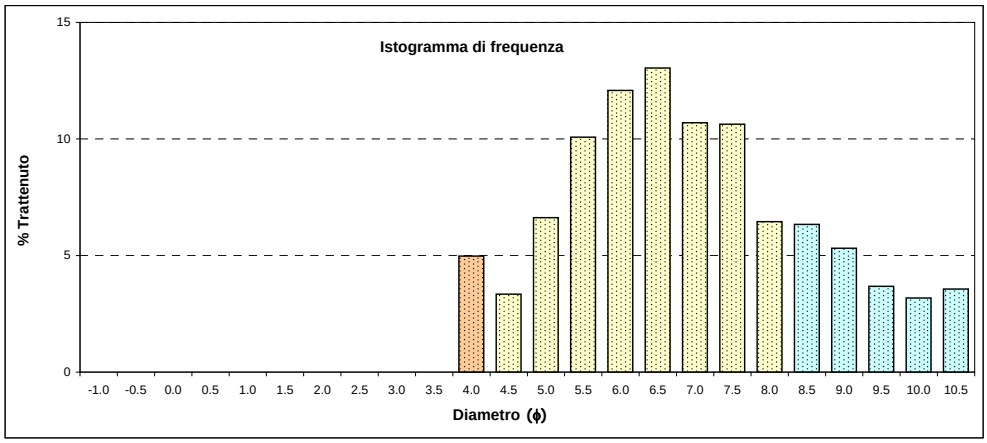
Percentili (Φ)	
5	4.008
16	5.113
25	5.572
50	6.567
75	7.872
84	8.563
95	9.858

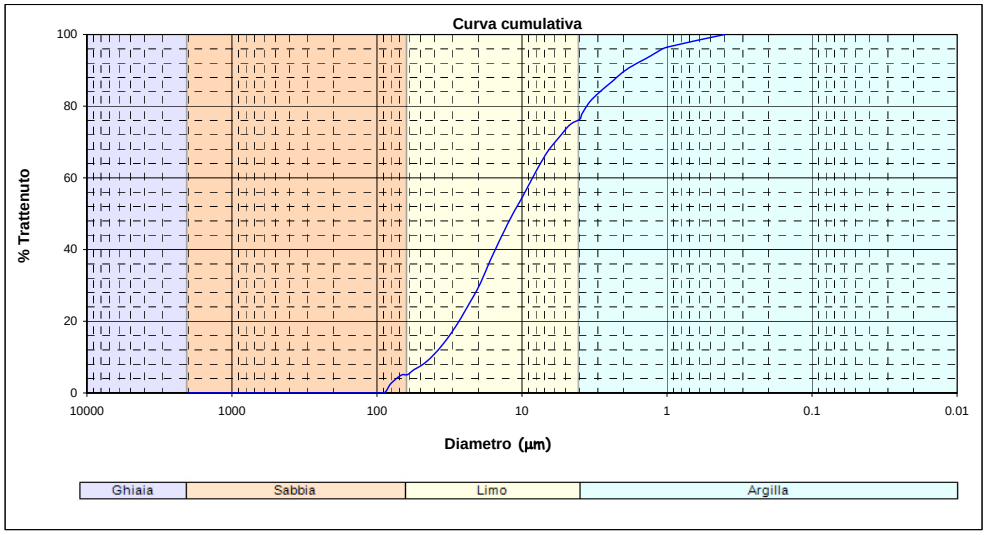
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.22%	0.22%
87	3.523		
87	3.523	2.47%	2.69%
73	3.776		
73	3.776	2.29%	4.98%
62.5	4		
62.5	4	0.09%	5.07%
61	4.035		
61	4.035	1.32%	6.39%
51	4.293		
51	4.293	1.93%	8.32%
43	4.54		
43	4.54	2.83%	11.14%
36	4.796		
36	4.796	3.80%	14.95%
30	5.059		
30	5.059	4.73%	19.68%
25	5.322		
25	5.322	5.35%	25.03%
21	5.573		
21	5.573	5.30%	30.33%
18	5.796		
18	5.796	6.78%	37.11%
15	6.059		
15	6.059	6.82%	43.93%
12.5	6.322		
12.5	6.322	6.22%	50.15%
10.5	6.573		
10.5	6.573	5.11%	55.26%
9	6.796		
9	6.796	5.58%	60.85%
7.5	7.059		
7.5	7.059	6.16%	67.01%
6	7.381		
6	7.381	4.47%	71.48%
5	7.644		
5	7.644	3.36%	74.84%
4.3	7.861		
4.3	7.861	1.54%	76.39%
4	7.966		
4	7.966	1.54%	77.93%
3.7	8.078		
3.7	8.078	3.33%	81.27%
3.1	8.334		
3.1	8.334	3.00%	84.27%
2.6	8.587		
2.6	8.587	2.57%	86.84%
2.2	8.828		
2.2	8.828	2.74%	89.58%
1.8	9.118		
1.8	9.118	2.17%	91.75%
1.5	9.381		
1.5	9.381	1.51%	93.26%
1.3	9.587		
1.3	9.587	1.56%	94.82%
1.1	9.828		
1.1	9.828	1.61%	96.43%
0.9	10.118		
< 0,900	> 10,118	3.57%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 57
Livello (cm)	(50-75)
Peso totale (g)	30.6
Frazione > 63 μm (%)	12.3
Frazione < 63 μm (%)	87.7

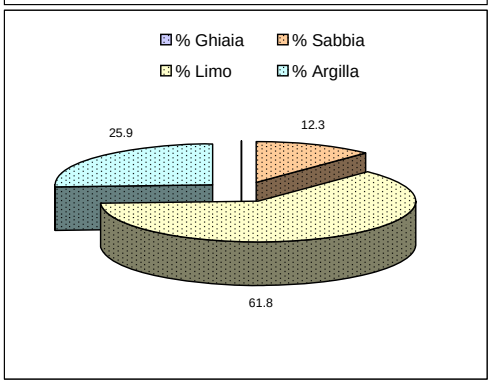
Frazione grossolana (> 63 μm) = 12.3	
% Ghiaia	% Sabbia
0.0	12.3

Frazione pelitica (< 63 μm) = 87.7	
% Limo	% Argilla
61.8	25.9

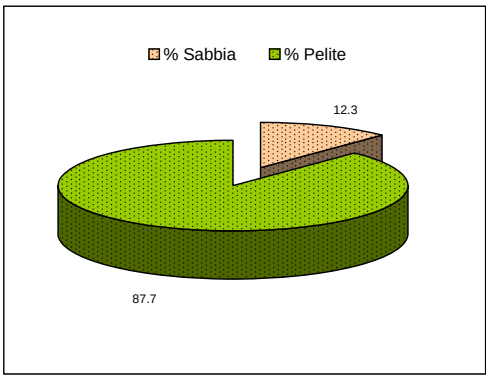
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.641
Deviazione Standard	2.138
Asimmetria (Skewness)	-0.050
Appuntimento (Kurtosis)	1.112
Mediana (Φ)	6.634
Moda (Φ)	7.500

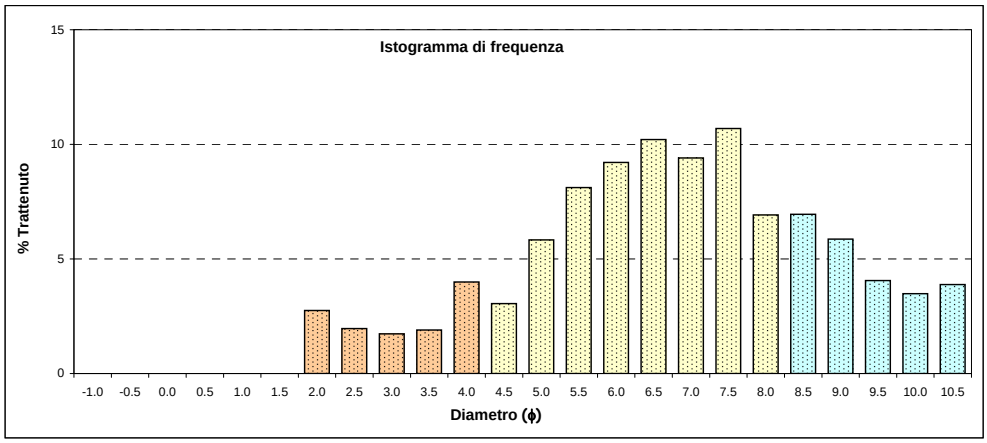
Percentili (Φ)	
5	2.572
16	4.597
25	5.314
50	6.634
75	8.026
84	8.691
95	9.928

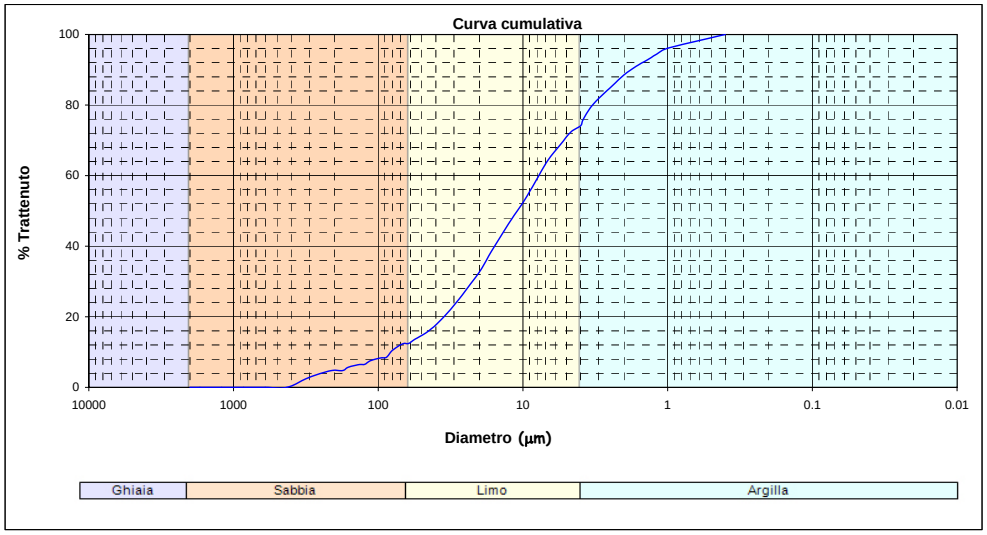
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.75%	2.75%
250	2		
250	2	1.96%	4.71%
176.78	2.5		
176.78	2.5	0.06%	4.77%
175	2.515		
175	2.515	0.94%	5.71%
147	2.766		
147	2.766	0.74%	6.45%
125	3		
125	3	0.10%	6.55%
123	3.023		
123	3.023	1.04%	7.58%
103	3.279		
103	3.279	0.76%	8.34%
88.39	3.5		
88.39	3.5	0.17%	8.52%
87	3.523		
87	3.523	1.95%	10.47%
73	3.776		
73	3.776	1.87%	12.34%
62.5	4		
62.5	4	0.08%	12.42%
61	4.035		
61	4.035	1.20%	13.61%
51	4.293		
51	4.293	1.77%	15.39%
43	4.54		
43	4.54	2.55%	17.93%
36	4.796		
36	4.796	3.29%	21.22%
30	5.059		
30	5.059	3.89%	25.11%
25	5.322		
25	5.322	4.22%	29.33%
21	5.573		
21	5.573	4.06%	33.40%
18	5.796		
18	5.796	5.15%	38.54%
15	6.059		
15	6.059	5.25%	43.80%
12.5	6.322		
12.5	6.322	4.96%	48.75%
10.5	6.573		
10.5	6.573	4.31%	53.07%
9	6.796		
9	6.796	5.09%	58.16%
7.5	7.059		
7.5	7.059	6.06%	64.22%
6	7.381		
6	7.381	4.63%	68.85%
5	7.644		
5	7.644	3.58%	72.43%
4.3	7.861		
4.3	7.861	1.67%	74.10%
4	7.966		
4	7.966	1.67%	75.77%
3.7	8.078		
3.7	8.078	3.65%	79.41%
3.1	8.334		
3.1	8.334	3.30%	82.72%
2.6	8.587		
2.6	8.587	2.84%	85.55%
2.2	8.828		
2.2	8.828	3.03%	88.58%
1.8	9.118		
1.8	9.118	2.40%	90.98%
1.5	9.381		
1.5	9.381	1.66%	92.64%
1.3	9.587		
1.3	9.587	1.72%	94.35%
1.1	9.828		
1.1	9.828	1.77%	96.12%
0.9	10.118		
< 0,900	> 10,118	3.88%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 57
Livello (cm)	(75-100)
Peso totale (g)	67.4
Frazione > 63 μm (%)	15.3
Frazione < 63 μm (%)	84.7

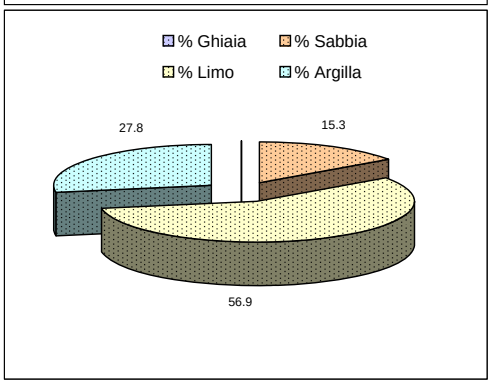
Frazione grossolana (> 63 μm) = 15.3	
% Ghiaia	% Sabbia
0.0	15.3

Frazione pelitica (< 63 μm) = 84.7	
% Limo	% Argilla
56.9	27.8

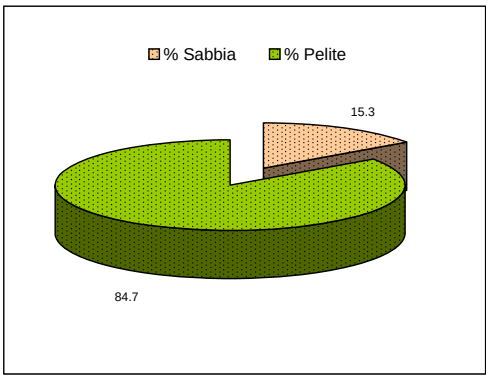
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.549
Deviazione Standard	2.309
Asimmetria (Skewness)	-0.102
Appuntimento (Kurtosis)	1.038
Mediana (Φ)	6.680
Moda (Φ)	7.500

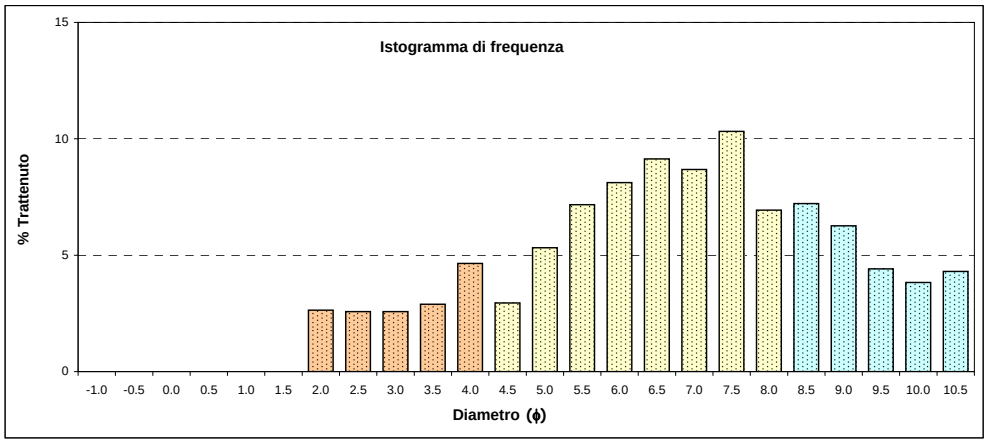
Percentili (Φ)	
5	2.449
16	4.155
25	5.159
50	6.680
75	8.144
84	8.811
95	10.008

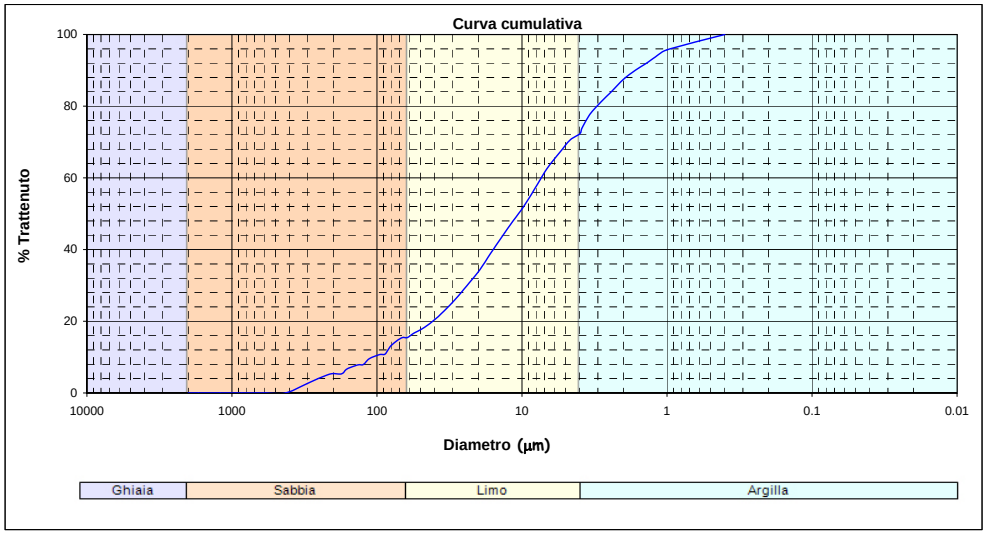
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.64%	2.64%
250	2		
250	2	2.58%	5.22%
176.78	2.5		
176.78	2.5	0.09%	5.31%
175	2.515		
175	2.515	1.40%	6.71%
147	2.766		
147	2.766	1.10%	7.80%
125	3		
125	3	0.16%	7.96%
123	3.023		
123	3.023	1.58%	9.54%
103	3.279		
103	3.279	1.15%	10.70%
88.39	3.5		
88.39	3.5	0.20%	10.90%
87	3.523		
87	3.523	2.31%	13.21%
73	3.776		
73	3.776	2.13%	15.34%
62.5	4		
62.5	4	0.08%	15.42%
61	4.035		
61	4.035	1.18%	16.61%
51	4.293		
51	4.293	1.68%	18.29%
43	4.54		
43	4.54	2.35%	20.64%
36	4.796		
36	4.796	2.97%	23.61%
30	5.059		
30	5.059	3.46%	27.07%
25	5.322		
25	5.322	3.71%	30.78%
21	5.573		
21	5.573	3.57%	34.35%
18	5.796		
18	5.796	4.54%	38.90%
15	6.059		
15	6.059	4.67%	43.57%
12.5	6.322		
12.5	6.322	4.46%	48.03%
10.5	6.573		
10.5	6.573	3.94%	51.97%
9	6.796		
9	6.796	4.75%	56.72%
7.5	7.059		
7.5	7.059	5.80%	62.51%
6	7.381		
6	7.381	4.52%	67.03%
5	7.644		
5	7.644	3.56%	70.59%
4.3	7.861		
4.3	7.861	1.69%	72.28%
4	7.966		
4	7.966	1.69%	73.97%
3.7	8.078		
3.7	8.078	3.76%	77.73%
3.1	8.334		
3.1	8.334	3.46%	81.19%
2.6	8.587		
2.6	8.587	3.01%	84.20%
2.2	8.828		
2.2	8.828	3.25%	87.46%
1.8	9.118		
1.8	9.118	2.60%	90.05%
1.5	9.381		
1.5	9.381	1.81%	91.87%
1.3	9.587		
1.3	9.587	1.88%	93.75%
1.1	9.828		
1.1	9.828	1.95%	95.69%
0.9	10.118		
< 0,900	> 10,118	4.31%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 58
Livello (cm)	(0-25)
Peso totale (g)	45.8
Frazione > 63 μm (%)	14.5
Frazione < 63 μm (%)	85.5

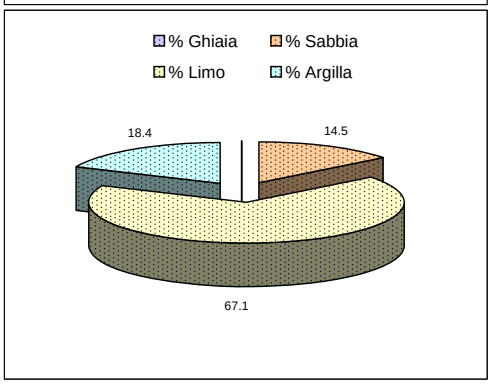
Frazione grossolana (> 63 μm) = 14.5	
% Ghiaia	% Sabbia
0.0	14.5

Frazione pelitica (< 63 μm) = 85.5	
% Limo	% Argilla
67.1	18.4

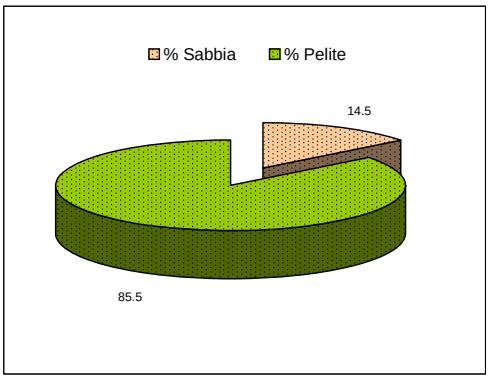
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.114
Deviazione Standard	2.122
Asimmetria (Skewness)	0.026
Appuntimento (Kurtosis)	1.142
Mediana (Φ)	6.005
Moda (Φ)	5.500

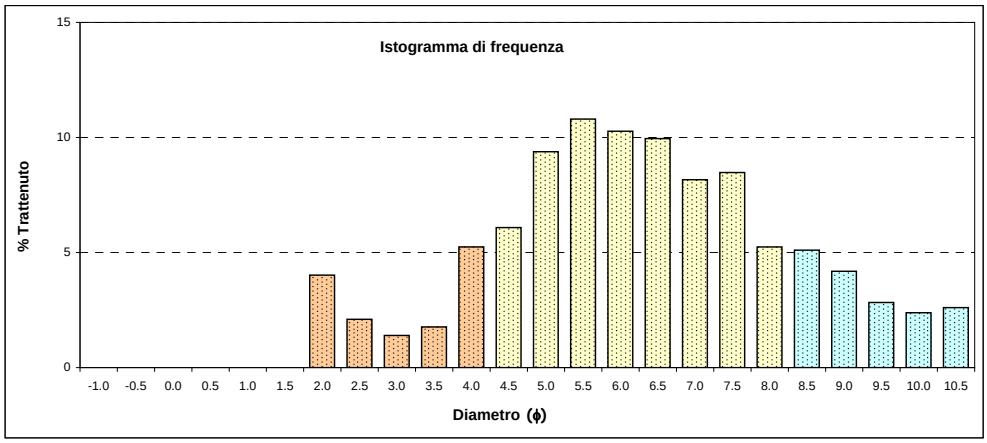
Percentili (Φ)	
5	2.212
16	4.158
25	4.799
50	6.005
75	7.446
84	8.178
95	9.586

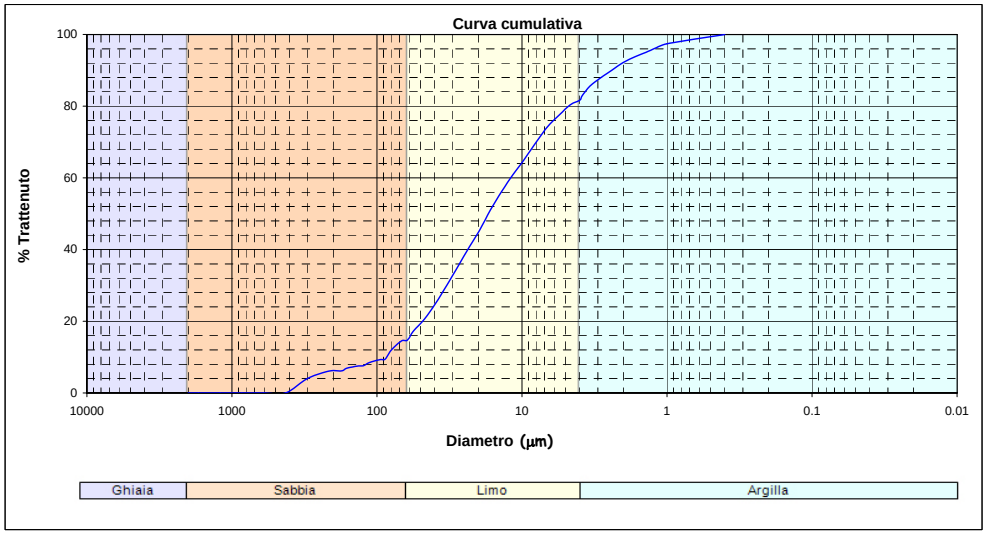
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.02%	4.02%
250	2		
250	2	2.10%	6.12%
176.78	2.5		
176.78	2.5	0.05%	6.17%
175	2.515		
175	2.515	0.76%	6.92%
147	2.766		
147	2.766	0.59%	7.52%
125	3		
125	3	0.09%	7.61%
123	3.023		
123	3.023	0.90%	8.50%
103	3.279		
103	3.279	0.78%	9.29%
88.39	3.5		
88.39	3.5	0.18%	9.46%
87	3.523		
87	3.523	2.41%	11.88%
73	3.776		
73	3.776	2.65%	14.53%
62.5	4		
62.5	4	0.20%	14.73%
61	4.035		
61	4.035	2.55%	17.27%
51	4.293		
51	4.293	3.34%	20.61%
43	4.54		
43	4.54	4.32%	24.93%
36	4.796		
36	4.796	5.06%	29.99%
30	5.059		
30	5.059	5.44%	35.43%
25	5.322		
25	5.322	5.36%	40.79%
21	5.573		
21	5.573	4.74%	45.53%
18	5.796		
18	5.796	5.53%	51.06%
15	6.059		
15	6.059	5.26%	56.32%
12.5	6.322		
12.5	6.322	4.69%	61.00%
10.5	6.573		
10.5	6.573	3.86%	64.86%
9	6.796		
9	6.796	4.30%	69.17%
7.5	7.059		
7.5	7.059	4.87%	74.04%
6	7.381		
6	7.381	3.60%	77.64%
5	7.644		
5	7.644	2.73%	80.38%
4.3	7.861		
4.3	7.861	1.26%	81.63%
4	7.966		
4	7.966	1.26%	82.89%
3.7	8.078		
3.7	8.078	2.70%	85.59%
3.1	8.334		
3.1	8.334	2.41%	87.99%
2.6	8.587		
2.6	8.587	2.04%	90.03%
2.2	8.828		
2.2	8.828	2.15%	92.18%
1.8	9.118		
1.8	9.118	1.68%	93.85%
1.5	9.381		
1.5	9.381	1.15%	95.01%
1.3	9.587		
1.3	9.587	1.18%	96.19%
1.1	9.828		
1.1	9.828	1.20%	97.39%
0.9	10.118		
< 0,900	> 10,118	2.61%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 58
Livello (cm)	(25-50)
Peso totale (g)	41.8
Frazione > 63 μm (%)	10.0
Frazione < 63 μm (%)	90.0

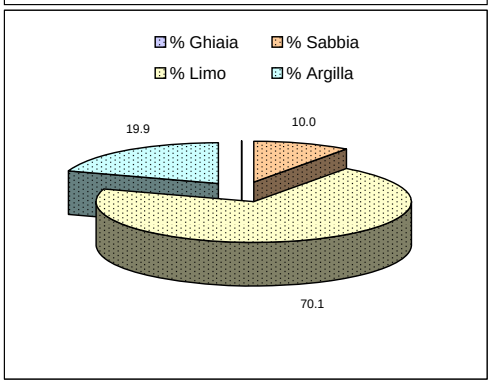
Frazione grossolana (> 63 μm) = 10.0	
% Ghiaia	% Sabbia
0.0	10.0

Frazione pelitica (< 63 μm) = 90.0	
% Limo	% Argilla
70.1	19.9

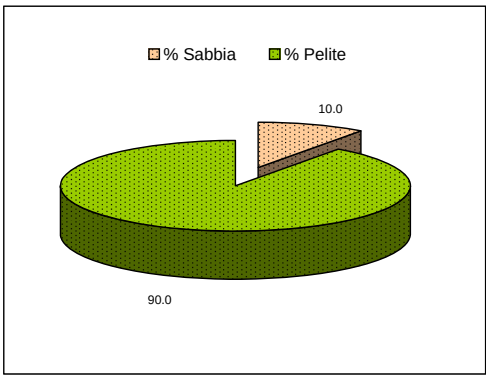
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.207
Deviazione Standard	1.892
Asimmetria (Skewness)	0.214
Appuntimento (Kurtosis)	0.863
Mediana (Φ)	5.975
Moda (Φ)	5.000

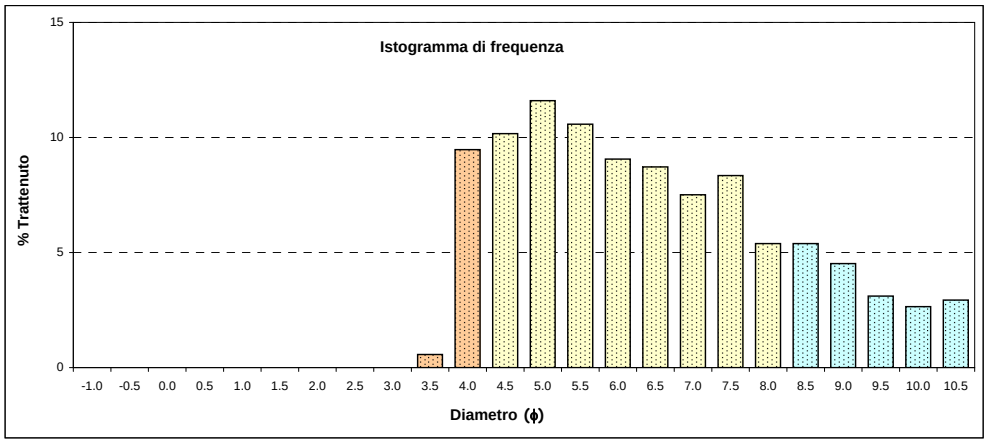
Percentili (Φ)	
5	3.761
16	4.336
25	4.750
50	5.975
75	7.565
84	8.310
95	9.689

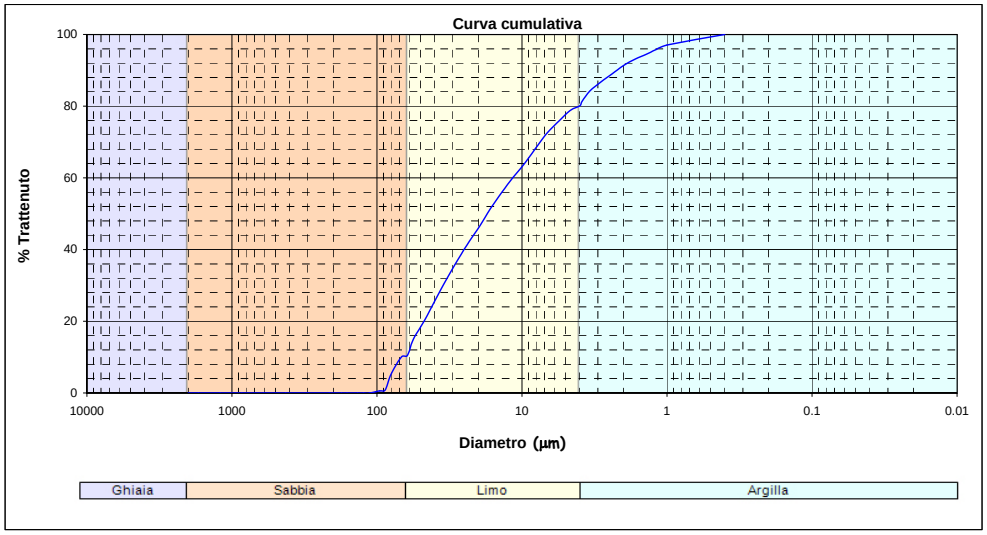
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.57%	0.57%
88.39	3.5		
88.39	3.5	0.30%	0.87%
87	3.523		
87	3.523	4.37%	5.24%
73	3.776		
73	3.776	4.79%	10.04%
62.5	4		
62.5	4	0.42%	10.46%
61	4.035		
61	4.035	4.58%	15.04%
51	4.293		
51	4.293	5.17%	20.21%
43	4.54		
43	4.54	5.76%	25.96%
36	4.796		
36	4.796	5.84%	31.81%
30	5.059		
30	5.059	5.56%	37.37%
25	5.322		
25	5.322	5.02%	42.38%
21	5.573		
21	5.573	4.23%	46.61%
18	5.796		
18	5.796	4.83%	51.44%
15	6.059		
15	6.059	4.59%	56.03%
12.5	6.322		
12.5	6.322	4.13%	60.16%
10.5	6.573		
10.5	6.573	3.48%	63.65%
9	6.796		
9	6.796	4.02%	67.67%
7.5	7.059		
7.5	7.059	4.74%	72.41%
6	7.381		
6	7.381	3.61%	76.02%
5	7.644		
5	7.644	2.79%	78.80%
4.3	7.861		
4.3	7.861	1.30%	80.10%
4	7.966		
4	7.966	1.30%	81.40%
3.7	8.078		
3.7	8.078	2.83%	84.24%
3.1	8.334		
3.1	8.334	2.56%	86.79%
2.6	8.587		
2.6	8.587	2.19%	88.98%
2.2	8.828		
2.2	8.828	2.33%	91.31%
1.8	9.118		
1.8	9.118	1.84%	93.15%
1.5	9.381		
1.5	9.381	1.27%	94.42%
1.3	9.587		
1.3	9.587	1.31%	95.73%
1.1	9.828		
1.1	9.828	1.34%	97.07%
0.9	10.118		
< 0,900	> 10,118	2.93%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 58
Livello (cm)	(50-75)
Peso totale (g)	41.7
Frazione > 63 μm (%)	2.0
Frazione < 63 μm (%)	98.0

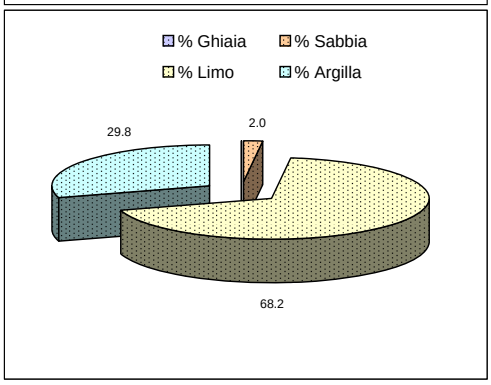
Frazione grossolana (> 63 μm) = 2.0	
% Ghiaia	% Sabbia
0.0	2.0

Frazione pelitica (< 63 μm) = 98.0	
% Limo	% Argilla
68.2	29.8

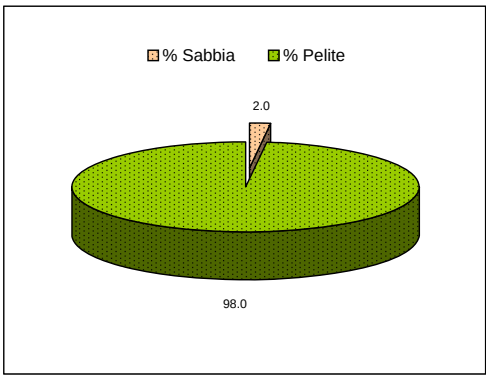
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.182
Deviazione Standard	1.571
Asimmetria (Skewness)	0.091
Appuntimento (Kurtosis)	1.002
Mediana (Φ)	7.088
Moda (Φ)	7.500

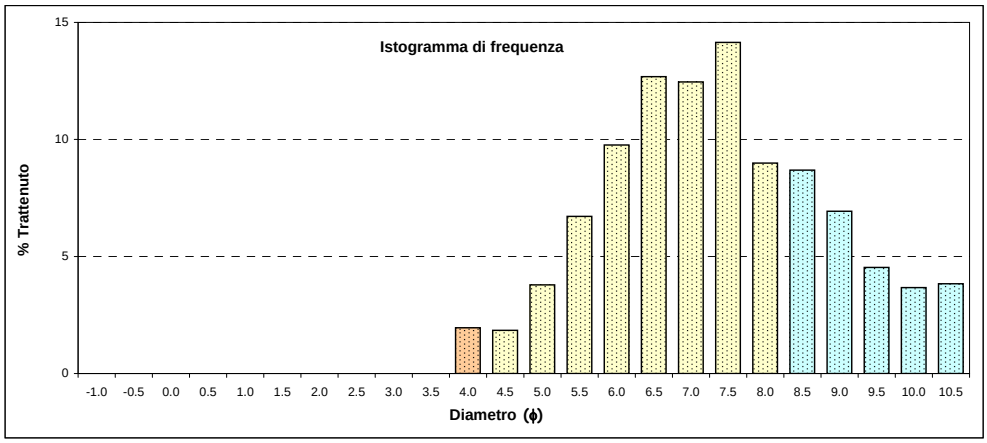
Percentili (Φ)	
5	4.730
16	5.662
25	6.095
50	7.088
75	8.220
84	8.795
95	9.927

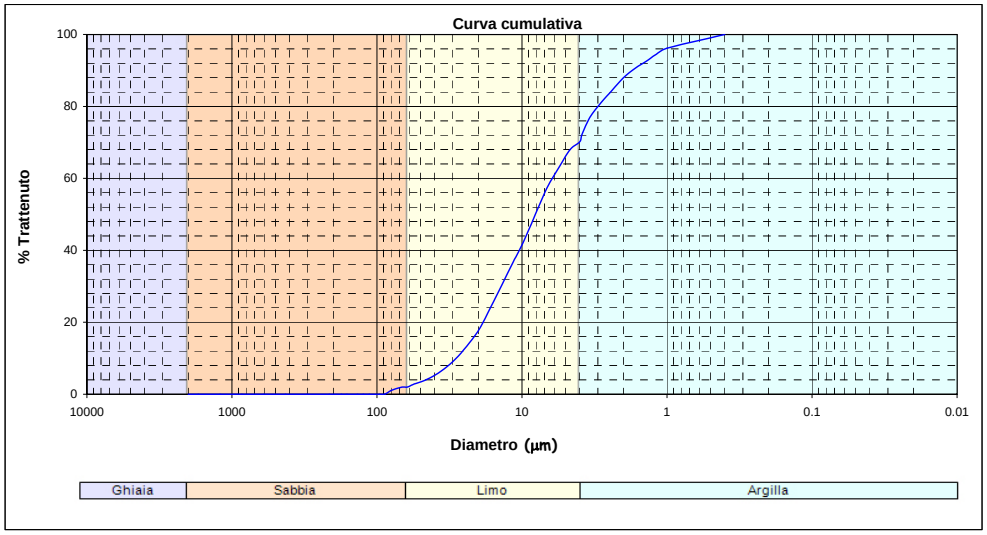
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.07%	0.07%
87	3.523		
87	3.523	0.94%	1.01%
73	3.776		
73	3.776	0.95%	1.96%
62.5	4		
62.5	4	0.06%	2.01%
61	4.035		
61	4.035	0.74%	2.75%
51	4.293		
51	4.293	1.06%	3.80%
43	4.54		
43	4.54	1.57%	5.38%
36	4.796		
36	4.796	2.22%	7.59%
30	5.059		
30	5.059	2.99%	10.59%
25	5.322		
25	5.322	3.72%	14.31%
21	5.573		
21	5.573	4.05%	18.35%
18	5.796		
18	5.796	5.72%	24.07%
15	6.059		
15	6.059	6.34%	30.41%
12.5	6.322		
12.5	6.322	6.34%	36.75%
10.5	6.573		
10.5	6.573	5.68%	42.43%
9	6.796		
9	6.796	6.78%	49.21%
7.5	7.059		
7.5	7.059	8.05%	57.25%
6	7.381		
6	7.381	6.10%	63.36%
5	7.644		
5	7.644	4.68%	68.03%
4.3	7.861		
4.3	7.861	2.16%	70.19%
4	7.966		
4	7.966	2.16%	72.35%
3.7	8.078		
3.7	8.078	4.61%	76.96%
3.1	8.334		
3.1	8.334	4.07%	81.03%
2.6	8.587		
2.6	8.587	3.41%	84.44%
2.2	8.828		
2.2	8.828	3.53%	87.97%
1.8	9.118		
1.8	9.118	2.71%	90.67%
1.5	9.381		
1.5	9.381	1.83%	92.50%
1.3	9.587		
1.3	9.587	1.83%	94.33%
1.1	9.828		
1.1	9.828	1.83%	96.17%
0.9	10.118		
< 0,900	> 10,118	3.83%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 58
Livello (cm)	(75-100)
Peso totale (g)	50.3
Frazione > 63 μm (%)	1.7
Frazione < 63 μm (%)	98.3

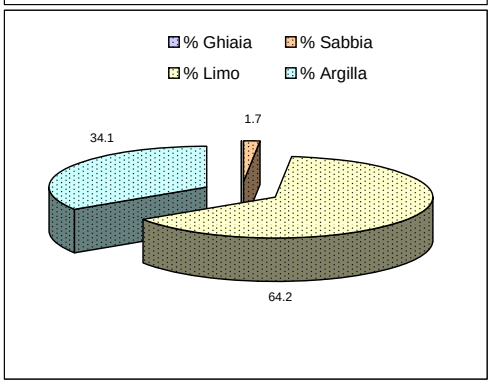
Frazione grossolana (> 63 μm) = 1.7	
% Ghiaia	% Sabbia
0.0	1.7

Frazione pelitica (< 63 μm) = 98.3	
% Limo	% Argilla
64.2	34.1

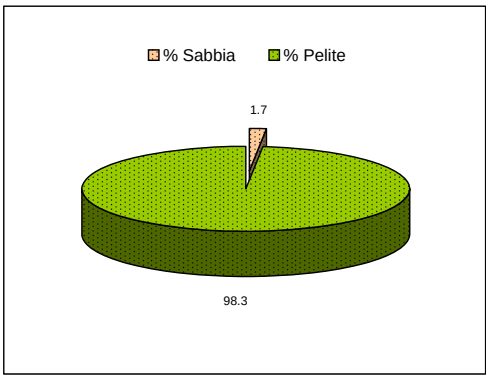
Parametri statistici (Folk & Ward***)	
Media (Φ)	7.379
Deviazione Standard	1.568
Asimmetria (Skewness)	0.087
Appuntimento (Kurtosis)	0.991
Mediana (Φ)	7.284
Moda (Φ)	7.500

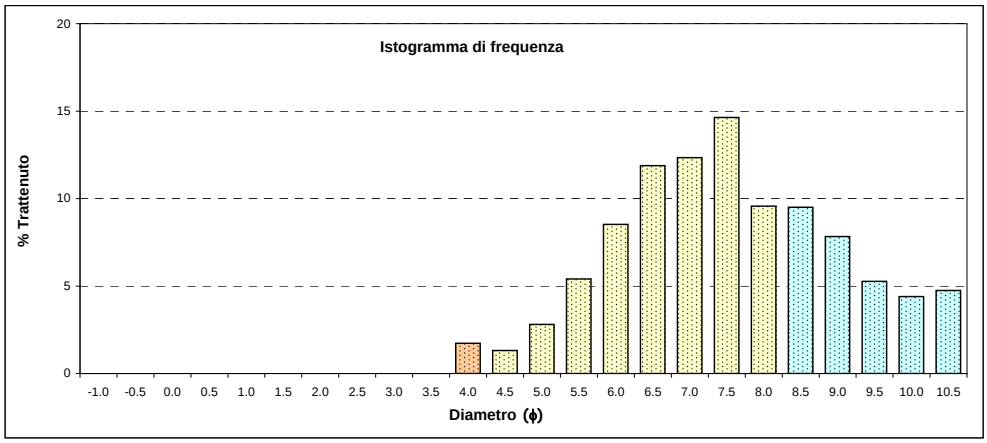
Percentili (Φ)	
5	4.916
16	5.857
25	6.290
50	7.284
75	8.427
84	8.997
95	10.082

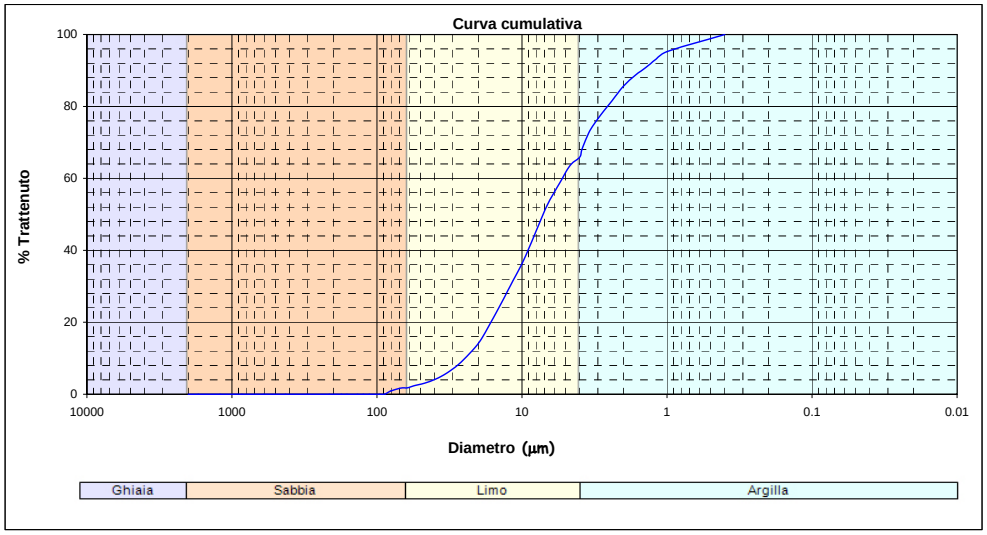
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.07%	0.07%
87	3.523		
87	3.523	0.85%	0.92%
73	3.776		
73	3.776	0.81%	1.73%
62.5	4		
62.5	4	0.04%	1.78%
61	4.035		
61	4.035	0.53%	2.30%
51	4.293		
51	4.293	0.75%	3.06%
43	4.54		
43	4.54	1.14%	4.20%
36	4.796		
36	4.796	1.67%	5.87%
30	5.059		
30	5.059	2.36%	8.22%
25	5.322		
25	5.322	3.06%	11.28%
21	5.573		
21	5.573	3.45%	14.73%
18	5.796		
18	5.796	5.08%	19.81%
15	6.059		
15	6.059	5.85%	25.66%
12.5	6.322		
12.5	6.322	6.03%	31.69%
10.5	6.573		
10.5	6.573	5.55%	37.24%
9	6.796		
9	6.796	6.79%	44.03%
7.5	7.059		
7.5	7.059	8.26%	52.30%
6	7.381		
6	7.381	6.38%	58.67%
5	7.644		
5	7.644	4.95%	63.62%
4.3	7.861		
4.3	7.861	2.31%	65.93%
4	7.966		
4	7.966	2.31%	68.24%
3.7	8.078		
3.7	8.078	5.01%	73.25%
3.1	8.334		
3.1	8.334	4.49%	77.74%
2.6	8.587		
2.6	8.587	3.82%	81.56%
2.2	8.828		
2.2	8.828	4.02%	85.58%
1.8	9.118		
1.8	9.118	3.13%	88.71%
1.5	9.381		
1.5	9.381	2.14%	90.85%
1.3	9.587		
1.3	9.587	2.18%	93.03%
1.1	9.828		
1.1	9.828	2.22%	95.25%
0.9	10.118		
< 0,900	> 10,118	4.75%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

ISPRA
Istituto Superiore per la Protezione e la Ricerca Ambientale

Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 58**
Livello (cm)	**(100-125)**
Peso totale (g)	54.3
Frazione > 63 μm (%)	5.5
Frazione < 63 μm (%)	94.5

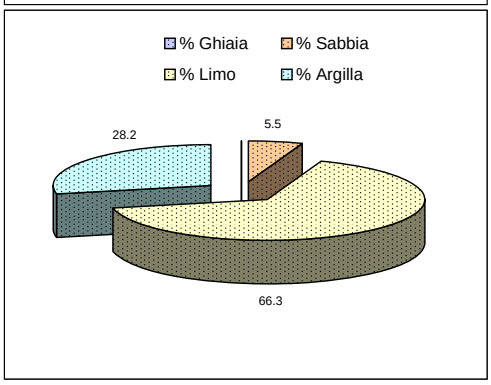
Frazione grossolana (> 63 μm) =	**5.5**
% Ghiaia	**% Sabbia**
0.0	**5.5**

Frazione pelitica (< 63 μm) =	**94.5**
% Limo	**% Argilla**
66.3	**28.2**

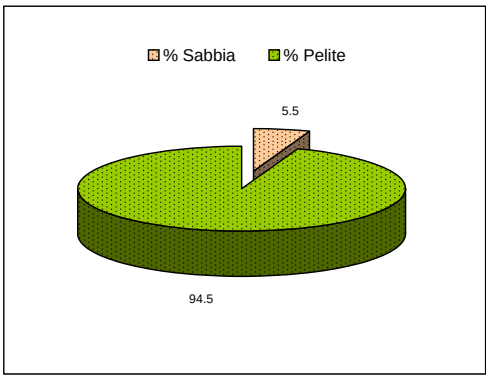
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.952
Deviazione Standard	1.800
Asimmetria (Skewness)	0.025
Appuntimento (Kurtosis)	1.016
Mediana (Φ)	6.907
Moda (Φ)	7.500

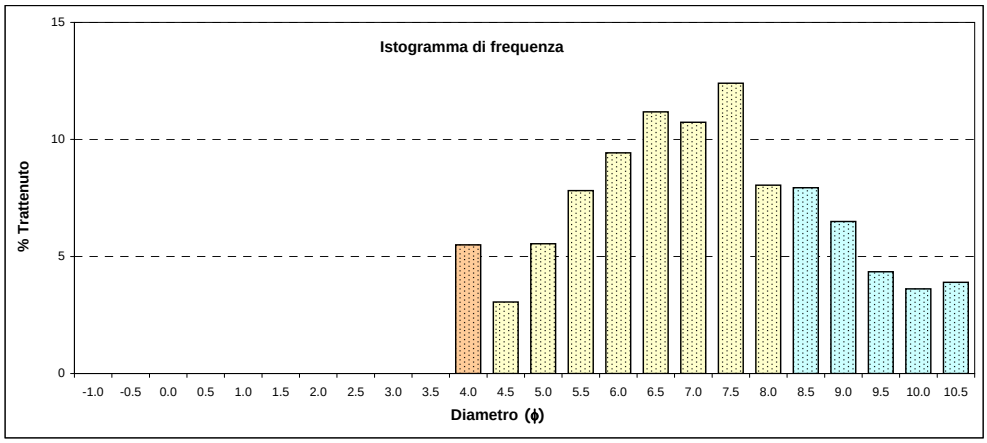
Percentili (Φ)	
5	3.952
16	5.188
25	5.739
50	6.907
75	8.153
84	8.763
95	9.935

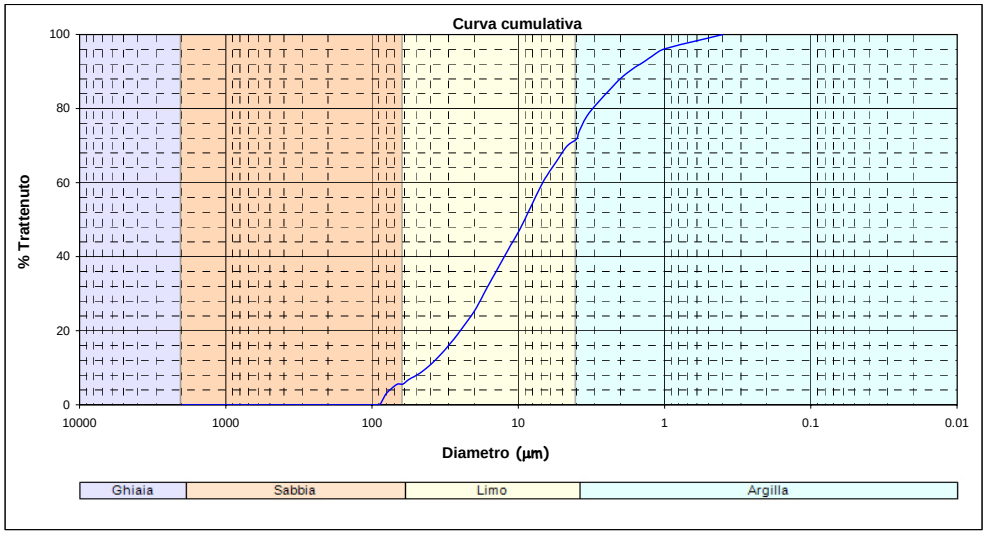
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.00%	0.00%
88.39	3.5		
88.39	3.5	0.25%	0.25%
87	3.523		
87	3.523	2.77%	3.01%
73	3.776		
73	3.776	2.49%	5.50%
62.5	4		
62.5	4	0.09%	5.59%
61	4.035		
61	4.035	1.23%	6.82%
51	4.293		
51	4.293	1.74%	8.56%
43	4.54		
43	4.54	2.43%	10.99%
36	4.796		
36	4.796	3.11%	14.10%
30	5.059		
30	5.059	3.71%	17.81%
25	5.322		
25	5.322	4.10%	21.91%
21	5.573		
21	5.573	4.07%	25.99%
18	5.796		
18	5.796	5.35%	31.34%
15	6.059		
15	6.059	5.67%	37.01%
12.5	6.322		
12.5	6.322	5.51%	42.52%
10.5	6.573		
10.5	6.573	4.89%	47.41%
9	6.796		
9	6.796	5.84%	53.25%
7.5	7.059		
7.5	7.059	7.02%	60.27%
6	7.381		
6	7.381	5.39%	65.65%
5	7.644		
5	7.644	4.17%	69.82%
4.3	7.861		
4.3	7.861	1.94%	71.76%
4	7.966		
4	7.966	1.94%	73.70%
3.7	8.078		
3.7	8.078	4.19%	77.90%
3.1	8.334		
3.1	8.334	3.75%	81.64%
2.6	8.587		
2.6	8.587	3.17%	84.81%
2.2	8.828		
2.2	8.828	3.32%	88.14%
1.8	9.118		
1.8	9.118	2.59%	90.72%
1.5	9.381		
1.5	9.381	1.76%	92.49%
1.3	9.587		
1.3	9.587	1.80%	94.28%
1.1	9.828		
1.1	9.828	1.82%	96.10%
0.9	10.118		
< 0,900	> 10,118	3.90%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 58
Livello (cm)	(125-150)
Peso totale (g)	35.5
Frazione > 63 μm (%)	8.1
Frazione < 63 μm (%)	91.9

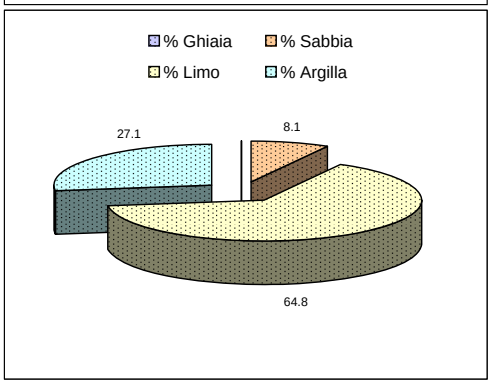
Frazione grossolana (> 63 μm) = 8.1	
% Ghiaia	% Sabbia
0.0	8.1

Frazione pelitica (< 63 μm) = 91.9	
% Limo	% Argilla
64.8	27.1

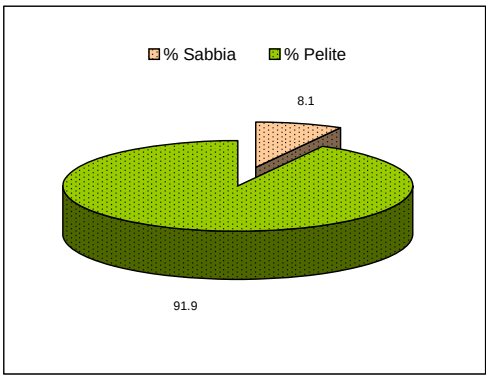
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.673
Deviazione Standard	1.950
Asimmetria (Skewness)	0.041
Appuntimento (Kurtosis)	0.856
Mediana (Φ)	6.654
Moda (Φ)	7.500

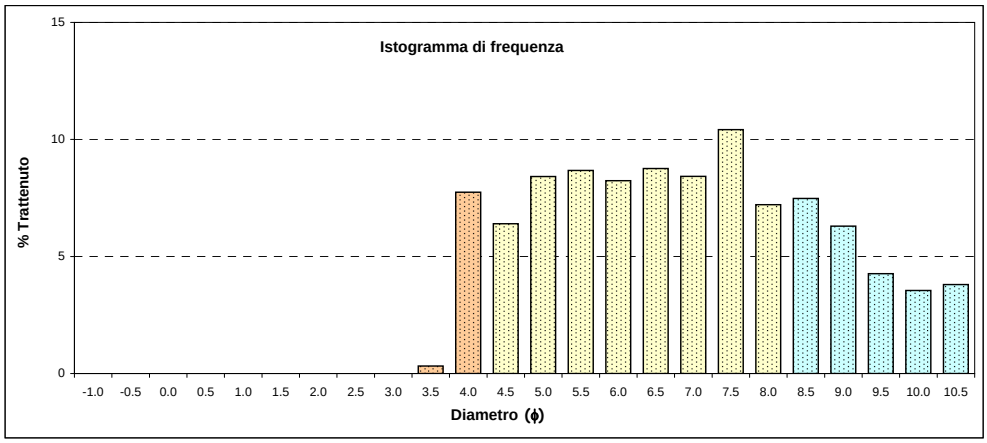
Percentili (Φ)	
5	3.812
16	4.632
25	5.178
50	6.654
75	8.101
84	8.733
95	9.916

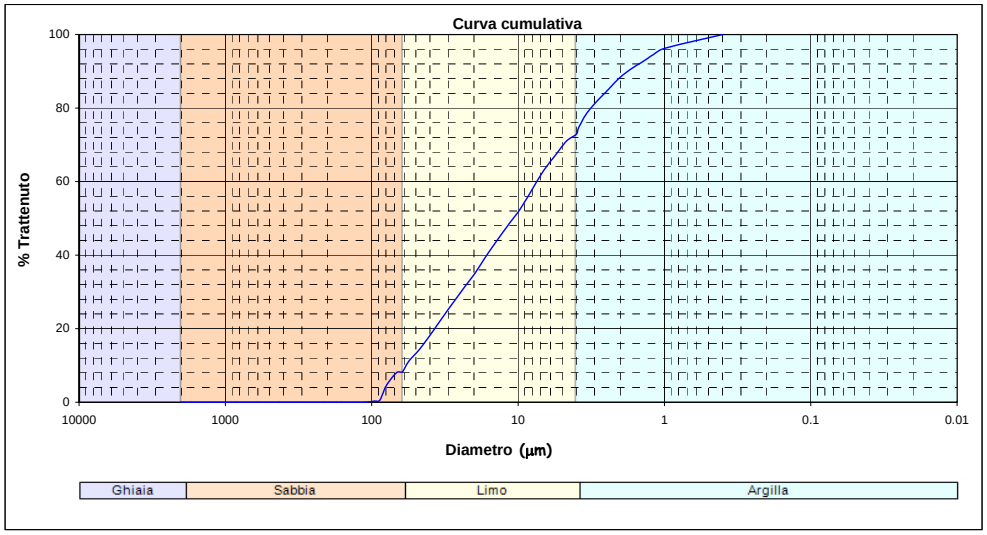
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.32%	0.32%
88.39	3.5		
88.39	3.5	0.30%	0.62%
87	3.523		
87	3.523	3.75%	4.37%
73	3.776		
73	3.776	3.70%	8.07%
62.5	4		
62.5	4	0.24%	8.31%
61	4.035		
61	4.035	2.79%	11.09%
51	4.293		
51	4.293	3.37%	14.47%
43	4.54		
43	4.54	4.03%	18.50%
36	4.796		
36	4.796	4.38%	22.88%
30	5.059		
30	5.059	4.44%	27.32%
25	5.322		
25	5.322	4.24%	31.56%
21	5.573		
21	5.573	3.75%	35.31%
18	5.796		
18	5.796	4.50%	39.80%
15	6.059		
15	6.059	4.50%	44.30%
12.5	6.322		
12.5	6.322	4.26%	48.56%
10.5	6.573		
10.5	6.573	3.79%	52.35%
9	6.796		
9	6.796	4.64%	56.99%
7.5	7.059		
7.5	7.059	5.80%	62.79%
6	7.381		
6	7.381	4.62%	67.41%
5	7.644		
5	7.644	3.69%	71.09%
4.3	7.861		
4.3	7.861	1.76%	72.85%
4	7.966		
4	7.966	1.76%	74.62%
3.7	8.078		
3.7	8.078	3.91%	78.53%
3.1	8.334		
3.1	8.334	3.57%	82.09%
2.6	8.587		
2.6	8.587	3.06%	85.15%
2.2	8.828		
2.2	8.828	3.24%	88.39%
1.8	9.118		
1.8	9.118	2.53%	90.92%
1.5	9.381		
1.5	9.381	1.73%	92.66%
1.3	9.587		
1.3	9.587	1.76%	94.42%
1.1	9.828		
1.1	9.828	1.78%	96.20%
0.9	10.118		
< 0,900	> 10,118	3.80%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Istituto Superiore per la Protezione e la Ricerca Ambientale

Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 58**
Livello (cm)	**(150-175)**
Peso totale (g)	30.8
Frazione > 63 μm (%)	6.5
Frazione < 63 μm (%)	93.5

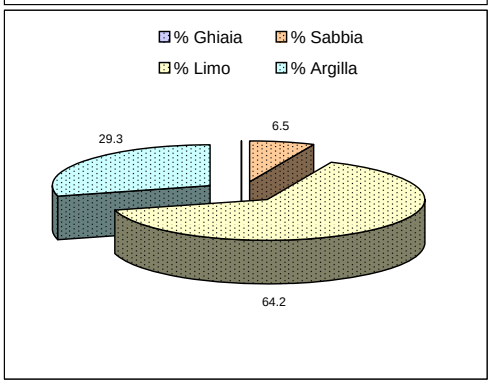
Frazione grossolana (> 63 μm) =	**6.5**
% Ghiaia	**% Sabbia**
0.0	**6.5**

Frazione pelitica (< 63 μm) =	**93.5**
% Limo	**% Argilla**
64.2	**29.3**

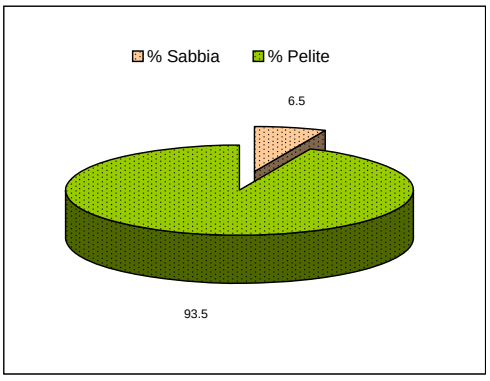
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.796
Deviazione Standard	1.958
Asimmetria (Skewness)	0.007
Appuntimento (Kurtosis)	0.857
Mediana (Φ)	6.828
Moda (Φ)	7.500

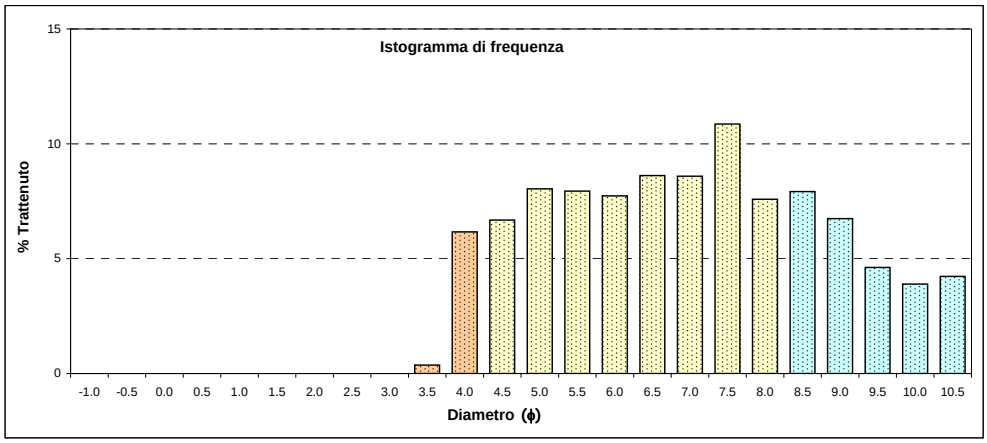
Percentili (Φ)	
5	3.885
16	4.716
25	5.299
50	6.828
75	8.222
84	8.845
95	9.997

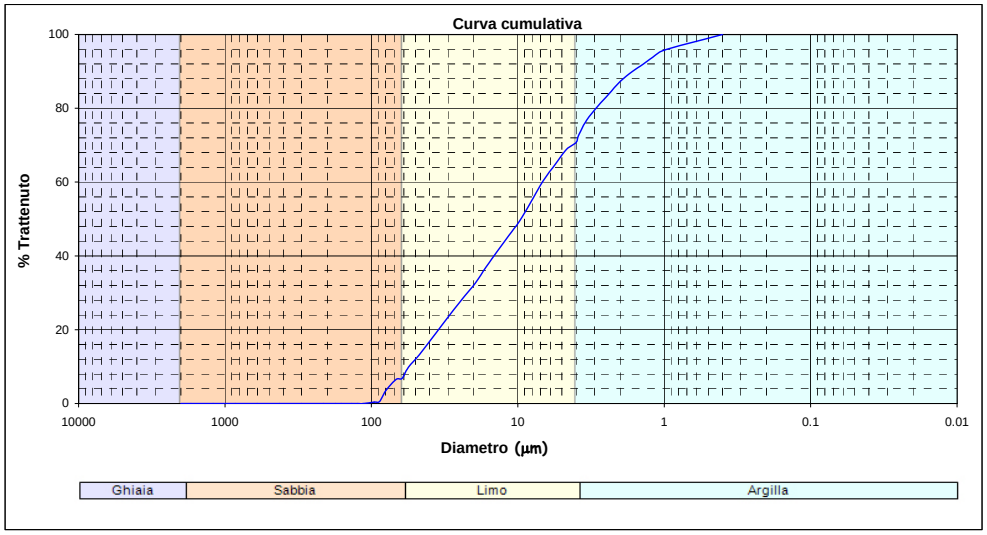
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.37%	0.37%
88.39	3.5		
88.39	3.5	0.20%	0.57%
87	3.523		
87	3.523	2.86%	3.43%
73	3.776		
73	3.776	3.11%	6.54%
62.5	4		
62.5	4	0.27%	6.81%
61	4.035		
61	4.035	2.98%	9.79%
51	4.293		
51	4.293	3.43%	13.22%
43	4.54		
43	4.54	3.93%	17.15%
36	4.796		
36	4.796	4.11%	21.26%
30	5.059		
30	5.059	4.07%	25.33%
25	5.322		
25	5.322	3.87%	29.20%
21	5.573		
21	5.573	3.47%	32.67%
18	5.796		
18	5.796	4.26%	36.93%
15	6.059		
15	6.059	4.38%	41.31%
12.5	6.322		
12.5	6.322	4.24%	45.55%
10.5	6.573		
10.5	6.573	3.83%	49.38%
9	6.796		
9	6.796	4.76%	54.14%
7.5	7.059		
7.5	7.059	6.03%	60.17%
6	7.381		
6	7.381	4.83%	65.00%
5	7.644		
5	7.644	3.87%	68.87%
4.3	7.861		
4.3	7.861	1.86%	70.73%
4	7.966		
4	7.966	1.86%	72.59%
3.7	8.078		
3.7	8.078	4.14%	76.72%
3.1	8.334		
3.1	8.334	3.79%	80.51%
2.6	8.587		
2.6	8.587	3.27%	83.78%
2.2	8.828		
2.2	8.828	3.48%	87.26%
1.8	9.118		
1.8	9.118	2.74%	90.00%
1.5	9.381		
1.5	9.381	1.88%	91.88%
1.3	9.587		
1.3	9.587	1.93%	93.81%
1.1	9.828		
1.1	9.828	1.96%	95.77%
0.9	10.118		
< 0,900	> 10,118	4.23%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 58**
Livello (cm)	**(175-200)**
Peso totale (g)	48.2
Frazione > 63 μm (%)	30.9
Frazione < 63 μm (%)	69.1

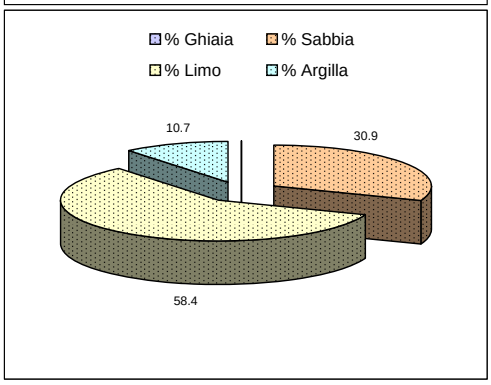
Frazione grossolana (> 63 μm) =	**30.9**
% Ghiaia	**% Sabbia**
0.0	**30.9**

Frazione pelitica (< 63 μm) =	**69.1**
% Limo	**% Argilla**
58.4	**10.7**

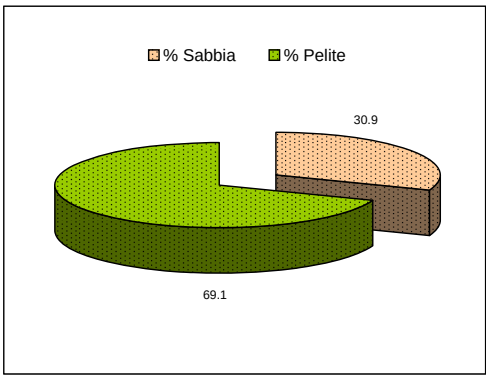
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.214
Deviazione Standard	2.099
Asimmetria (Skewness)	0.080
Appuntimento (Kurtosis)	1.023
Mediana (Φ)	5.166
Moda (Φ)	4.000

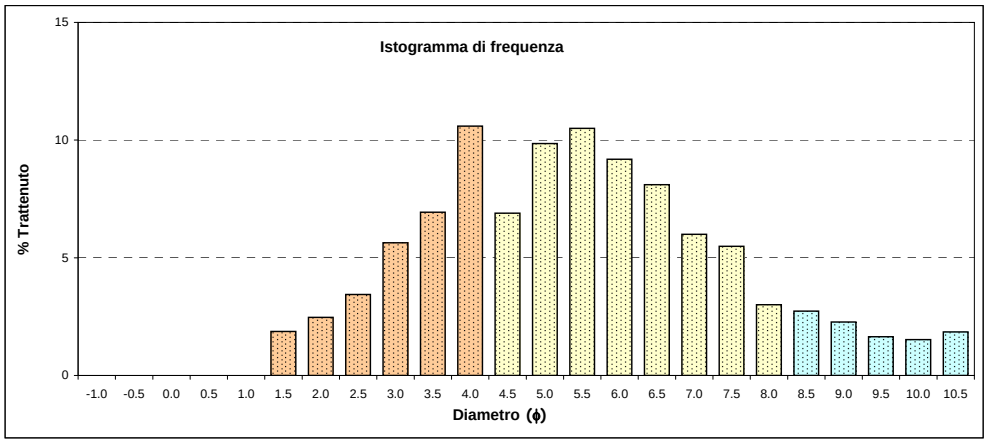
Percentili (Φ)	
5	2.084
16	3.174
25	3.719
50	5.166
75	6.538
84	7.302
95	9.124

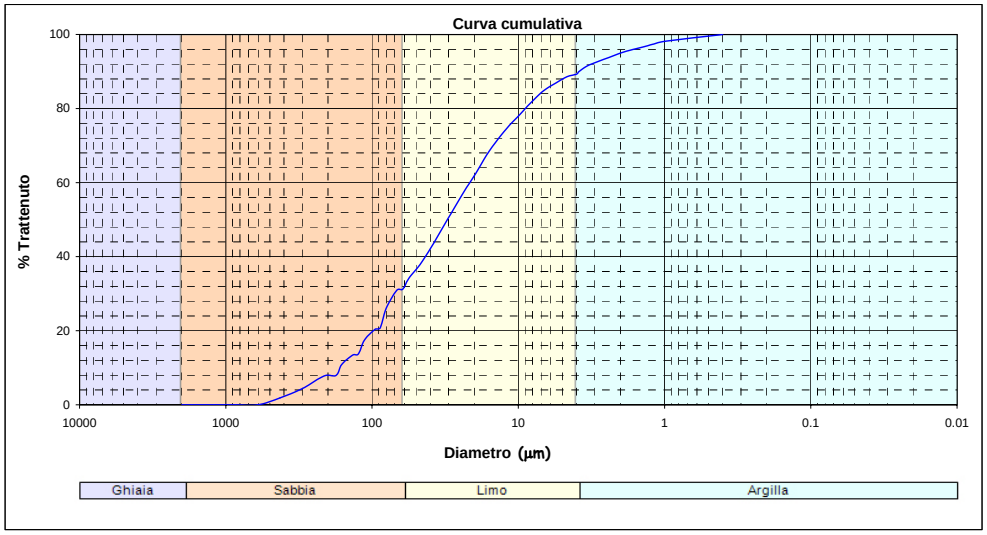
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.87%	1.87%
353.55	1.5		
353.55	1.5	2.47%	4.33%
250	2		
250	2	3.44%	7.78%
176.78	2.5		
176.78	2.5	0.18%	7.95%
175	2.515		
175	2.515	2.94%	10.89%
147	2.766		
147	2.766	2.52%	13.41%
125	3		
125	3	0.35%	13.76%
123	3.023		
123	3.023	3.67%	17.43%
103	3.279		
103	3.279	2.92%	20.35%
88.39	3.5		
88.39	3.5	0.47%	20.82%
87	3.523		
87	3.523	5.30%	26.12%
73	3.776		
73	3.776	4.82%	30.94%
62.5	4		
62.5	4	0.24%	31.19%
61	4.035		
61	4.035	2.94%	34.13%
51	4.293		
51	4.293	3.71%	37.84%
43	4.54		
43	4.54	4.63%	42.47%
36	4.796		
36	4.796	5.22%	47.69%
30	5.059		
30	5.059	5.40%	53.09%
25	5.322		
25	5.322	5.10%	58.19%
21	5.573		
21	5.573	4.34%	62.53%
18	5.796		
18	5.796	4.84%	67.37%
15	6.059		
15	6.059	4.39%	71.76%
12.5	6.322		
12.5	6.322	3.72%	75.48%
10.5	6.573		
10.5	6.573	2.92%	78.40%
9	6.796		
9	6.796	3.08%	81.48%
7.5	7.059		
7.5	7.059	3.24%	84.73%
6	7.381		
6	7.381	2.24%	86.97%
5	7.644		
5	7.644	1.60%	88.57%
4.3	7.861		
4.3	7.861	0.70%	89.27%
4	7.966		
4	7.966	0.70%	89.97%
3.7	8.078		
3.7	8.078	1.45%	91.43%
3.1	8.334		
3.1	8.334	1.28%	92.70%
2.6	8.587		
2.6	8.587	1.09%	93.79%
2.2	8.828		
2.2	8.828	1.18%	94.98%
1.8	9.118		
1.8	9.118	0.96%	95.94%
1.5	9.381		
1.5	9.381	0.69%	96.62%
1.3	9.587		
1.3	9.587	0.74%	97.36%
1.1	9.828		
1.1	9.828	0.79%	98.15%
0.9	10.118		
< 0,900	> 10,118	1.85%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 59
Livello (cm)	(0-25)
Peso totale (g)	21.3
Frazione > 63 μm (%)	5.8
Frazione < 63 μm (%)	94.2

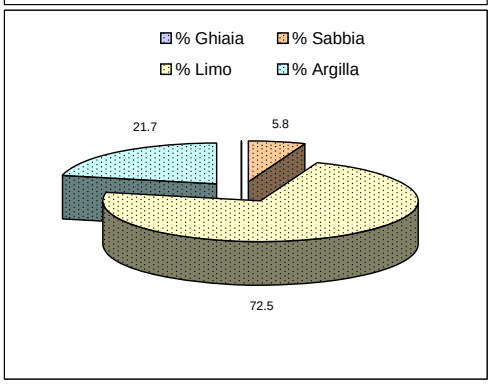
Frazione grossolana (> 63 μm) = 5.8	
% Ghiaia	% Sabbia
0.0	5.8

Frazione pelitica (< 63 μm) = 94.2	
% Limo	% Argilla
72.5	21.7

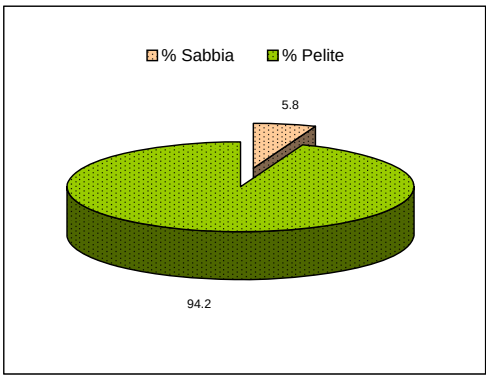
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.645
Deviazione Standard	1.738
Asimmetria (Skewness)	0.134
Appuntimento (Kurtosis)	1.066
Mediana (Φ)	6.483
Moda (Φ)	6.500

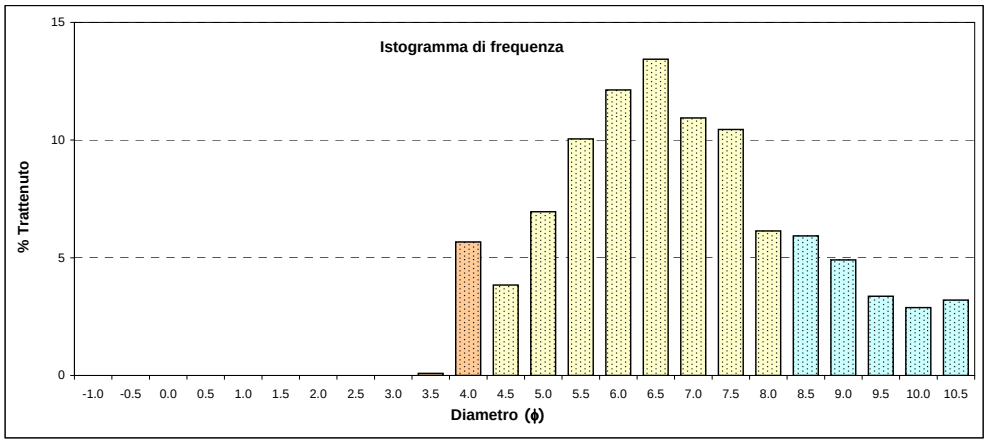
Percentili (Φ)	
5	3.931
16	5.019
25	5.493
50	6.483
75	7.737
84	8.433
95	9.768

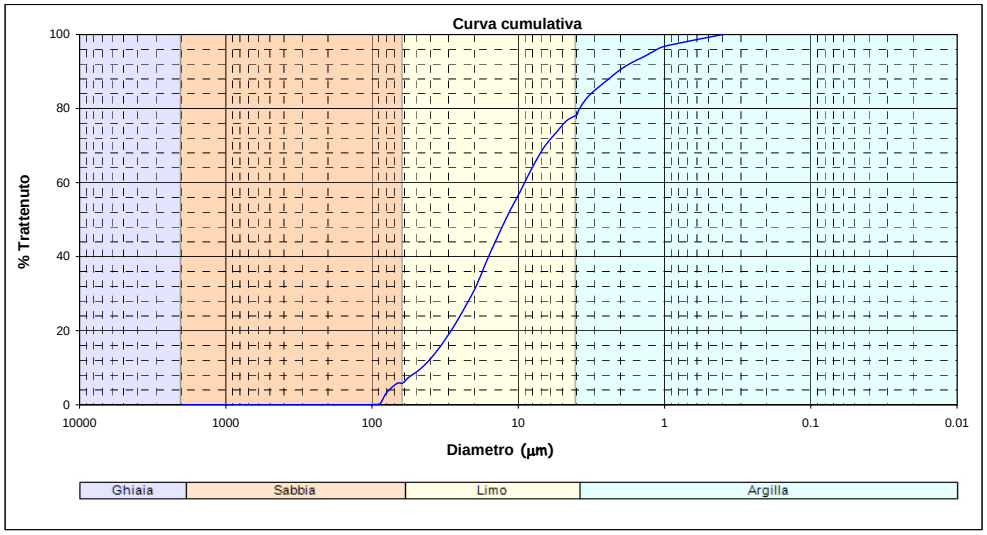
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.09%	0.09%
88.39	3.5		
88.39	3.5	0.25%	0.34%
87	3.523		
87	3.523	2.82%	3.16%
73	3.776		
73	3.776	2.60%	5.76%
62.5	4		
62.5	4	0.11%	5.87%
61	4.035		
61	4.035	1.55%	7.42%
51	4.293		
51	4.293	2.17%	9.60%
43	4.54		
43	4.54	3.04%	12.64%
36	4.796		
36	4.796	3.92%	16.56%
30	5.059		
30	5.059	4.74%	21.30%
25	5.322		
25	5.322	5.31%	26.61%
21	5.573		
21	5.573	5.28%	31.89%
18	5.796		
18	5.796	6.85%	38.74%
15	6.059		
15	6.059	7.00%	45.74%
12.5	6.322		
12.5	6.322	6.43%	52.17%
10.5	6.573		
10.5	6.573	5.27%	57.44%
9	6.796		
9	6.796	5.67%	63.11%
7.5	7.059		
7.5	7.059	6.11%	69.22%
6	7.381		
6	7.381	4.35%	73.57%
5	7.644		
5	7.644	3.22%	76.78%
4.3	7.861		
4.3	7.861	1.46%	78.25%
4	7.966		
4	7.966	1.46%	79.71%
3.7	8.078		
3.7	8.078	3.13%	82.84%
3.1	8.334		
3.1	8.334	2.80%	85.64%
2.6	8.587		
2.6	8.587	2.38%	88.02%
2.2	8.828		
2.2	8.828	2.53%	90.55%
1.8	9.118		
1.8	9.118	1.99%	92.54%
1.5	9.381		
1.5	9.381	1.38%	93.92%
1.3	9.587		
1.3	9.587	1.42%	95.34%
1.1	9.828		
1.1	9.828	1.46%	96.80%
0.9	10.118		
< 0,900	> 10,118	3.20%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 59
Livello (cm)	(25-50)
Peso totale (g)	17.3
Frazione > 63 μm (%)	7.9
Frazione < 63 μm (%)	92.1

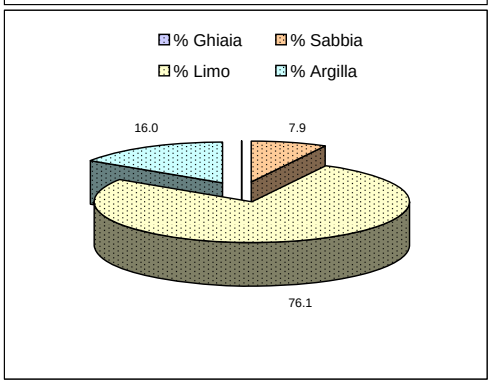
Frazione grossolana (> 63 μm) = 7.9	
% Ghiaia	% Sabbia
0.0	7.9

Frazione pelitica (< 63 μm) = 92.1	
% Limo	% Argilla
76.1	16.0

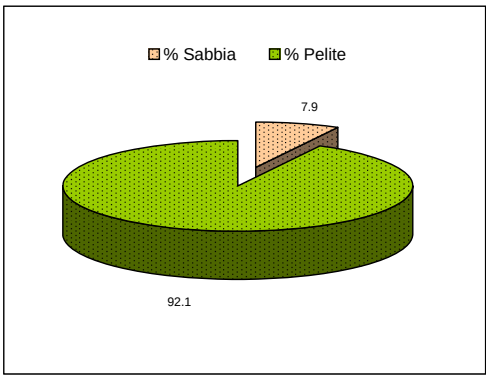
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.157
Deviazione Standard	1.716
Asimmetria (Skewness)	0.217
Appuntimento (Kurtosis)	1.072
Mediana (Φ)	5.951
Moda (Φ)	5.500

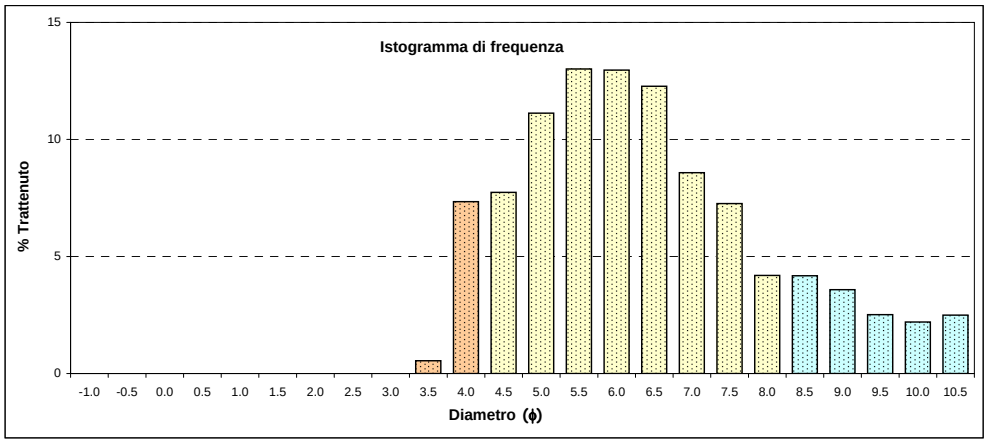
Percentili (Φ)	
5	3.818
16	4.556
25	4.976
50	5.951
75	7.157
84	7.963
95	9.523

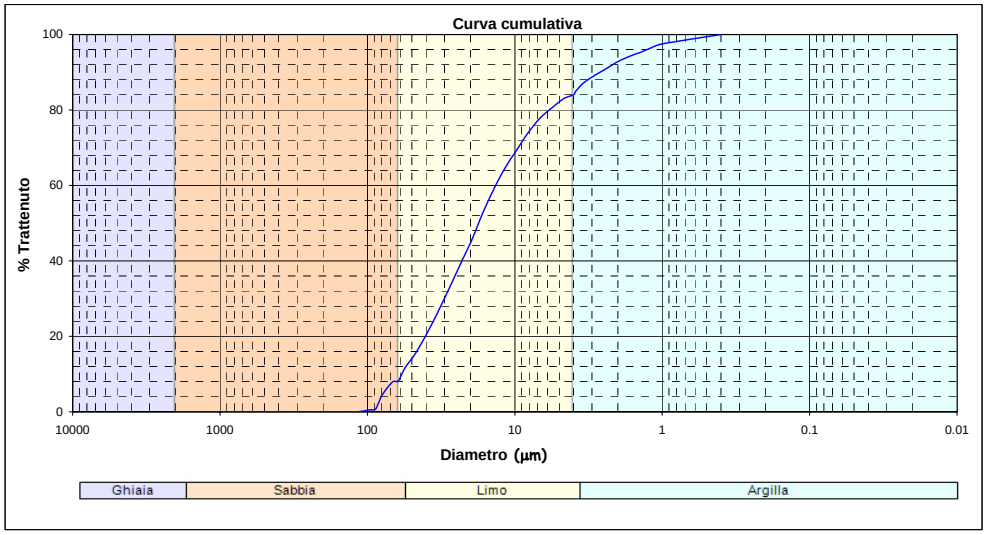
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.07%	0.07%
103	3.279		
103	3.279	0.48%	0.55%
88.39	3.5		
88.39	3.5	0.26%	0.81%
87	3.523		
87	3.523	3.46%	4.27%
73	3.776		
73	3.776	3.62%	7.89%
62.5	4		
62.5	4	0.28%	8.17%
61	4.035		
61	4.035	3.33%	11.50%
51	4.293		
51	4.293	4.13%	15.63%
43	4.54		
43	4.54	5.16%	20.79%
36	4.796		
36	4.796	5.97%	26.76%
30	5.059		
30	5.059	6.48%	33.23%
25	5.322		
25	5.322	6.53%	39.77%
21	5.573		
21	5.573	5.93%	45.70%
18	5.796		
18	5.796	7.03%	52.73%
15	6.059		
15	6.059	6.62%	59.35%
12.5	6.322		
12.5	6.322	5.65%	65.00%
10.5	6.573		
10.5	6.573	4.30%	69.31%
9	6.796		
9	6.796	4.28%	73.58%
7.5	7.059		
7.5	7.059	4.30%	77.88%
6	7.381		
6	7.381	2.96%	80.84%
5	7.644		
5	7.644	2.18%	83.03%
4.3	7.861		
4.3	7.861	1.00%	84.03%
4	7.966		
4	7.966	1.00%	85.03%
3.7	8.078		
3.7	8.078	2.19%	87.22%
3.1	8.334		
3.1	8.334	1.99%	89.21%
2.6	8.587		
2.6	8.587	1.72%	90.93%
2.2	8.828		
2.2	8.828	1.86%	92.79%
1.8	9.118		
1.8	9.118	1.48%	94.27%
1.5	9.381		
1.5	9.381	1.04%	95.31%
1.3	9.587		
1.3	9.587	1.08%	96.39%
1.1	9.828		
1.1	9.828	1.12%	97.51%
0.9	10.118		
< 0,900	> 10,118	2.49%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 59**
Livello (cm)	**(50-75)**
Peso totale (g)	18.3
Frazione > 63 μm (%)	6.2
Frazione < 63 μm (%)	93.8

Frazione grossolana (> 63 μm) = 6.2

% Ghiaia	% Sabbia
0.0	6.2

Frazione pelitica (< 63 μm) = 93.8

% Limo	% Argilla
75.1	18.7

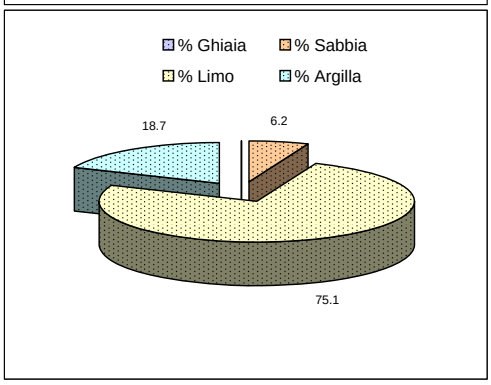
Parametri statistici
(Folk & Ward***)

Media (Φ)	6.422
Deviazione Standard	1.715
Asimmetria (Skewness)	0.206
Appuntimento (Kurtosis)	1.080
Mediana (Φ)	6.193
Moda (Φ)	6.000

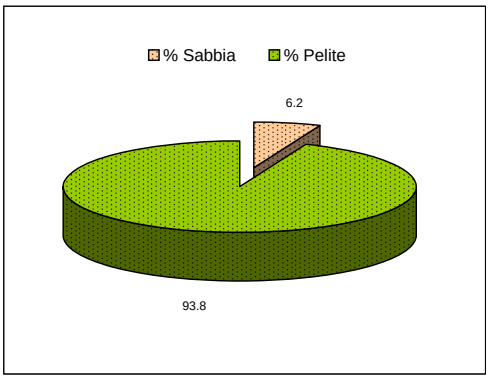
Percentili (Φ)

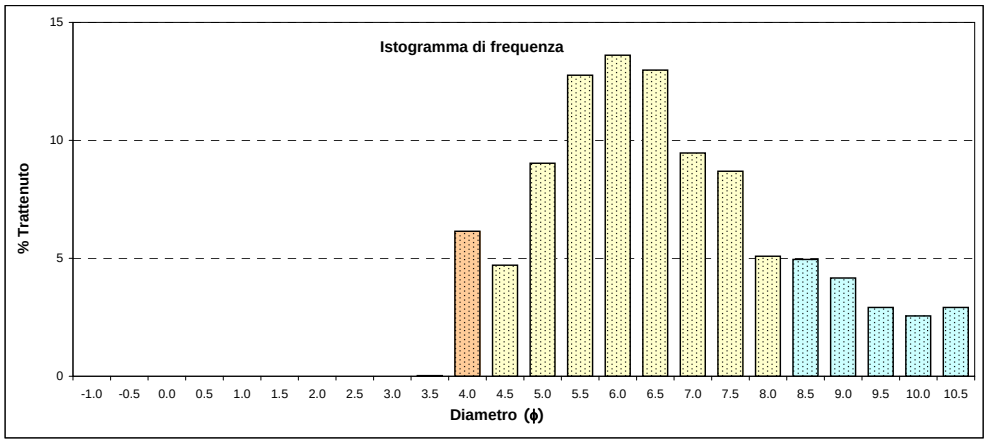
5	3.905
16	4.854
25	5.273
50	6.193
75	7.463
84	8.220
95	9.673

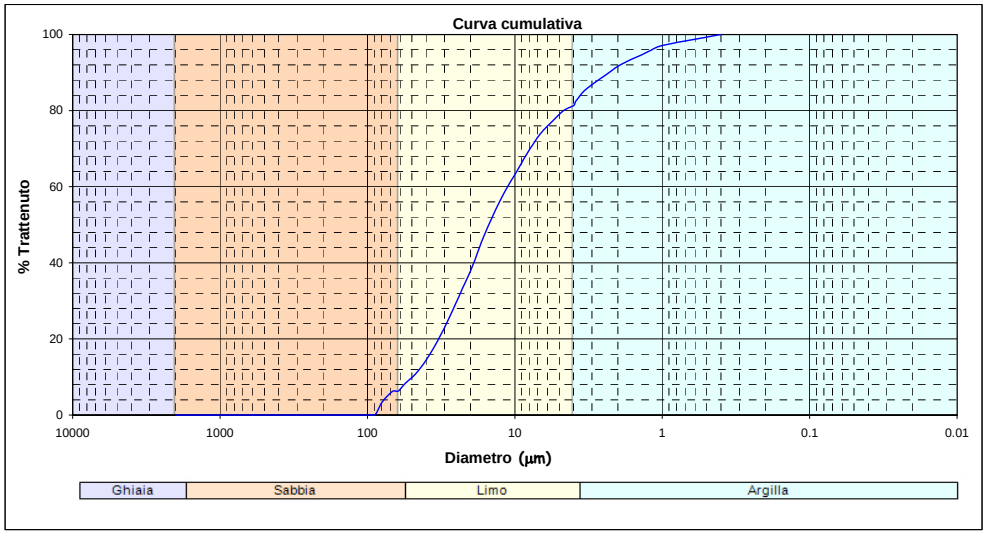
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.03%	0.03%
88.39	3.5		
88.39	3.5	0.26%	0.28%
87	3.523		
87	3.523	3.02%	3.30%
73	3.776		
73	3.776	2.87%	6.17%
62.5	4		
62.5	4	0.13%	6.30%
61	4.035		
61	4.035	1.87%	8.18%
51	4.293		
51	4.293	2.70%	10.88%
43	4.54		
43	4.54	3.90%	14.78%
36	4.796		
36	4.796	5.13%	19.91%
30	5.059		
30	5.059	6.15%	26.06%
25	5.322		
25	5.322	6.61%	32.67%
21	5.573		
21	5.573	6.19%	38.86%
18	5.796		
18	5.796	7.42%	46.28%
15	6.059		
15	6.059	6.99%	53.27%
12.5	6.322		
12.5	6.322	5.98%	59.26%
10.5	6.573		
10.5	6.573	4.65%	63.90%
9	6.796		
9	6.796	4.82%	68.72%
7.5	7.059		
7.5	7.059	5.09%	73.81%
6	7.381		
6	7.381	3.60%	77.41%
5	7.644		
5	7.644	2.67%	80.07%
4.3	7.861		
4.3	7.861	1.21%	81.28%
4	7.966		
4	7.966	1.21%	82.50%
3.7	8.078		
3.7	8.078	2.61%	85.10%
3.1	8.334		
3.1	8.334	2.34%	87.45%
2.6	8.587		
2.6	8.587	2.01%	89.46%
2.2	8.828		
2.2	8.828	2.16%	91.61%
1.8	9.118		
1.8	9.118	1.72%	93.33%
1.5	9.381		
1.5	9.381	1.20%	94.53%
1.3	9.587		
1.3	9.587	1.25%	95.78%
1.1	9.828		
1.1	9.828	1.30%	97.09%
0.9	10.118		
< 0,900	> 10,118	2.91%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 59
Livello (cm)	(75-100)
Peso totale (g)	41.0
Frazione > 63 μm (%)	17.2
Frazione < 63 μm (%)	82.8

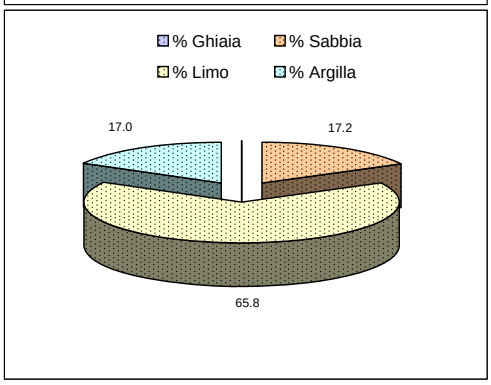
Frazione grossolana (> 63 μm) = 17.2	
% Ghiaia	% Sabbia
0.0	17.2

Frazione pelitica (< 63 μm) = 82.8	
% Limo	% Argilla
65.8	17.0

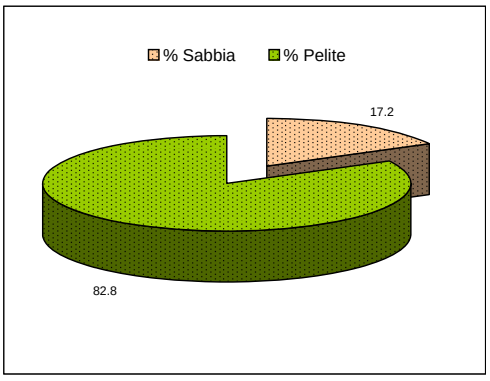
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.944
Deviazione Standard	2.075
Asimmetria (Skewness)	0.079
Appuntimento (Kurtosis)	1.043
Mediana (Φ)	5.851
Moda (Φ)	5.500

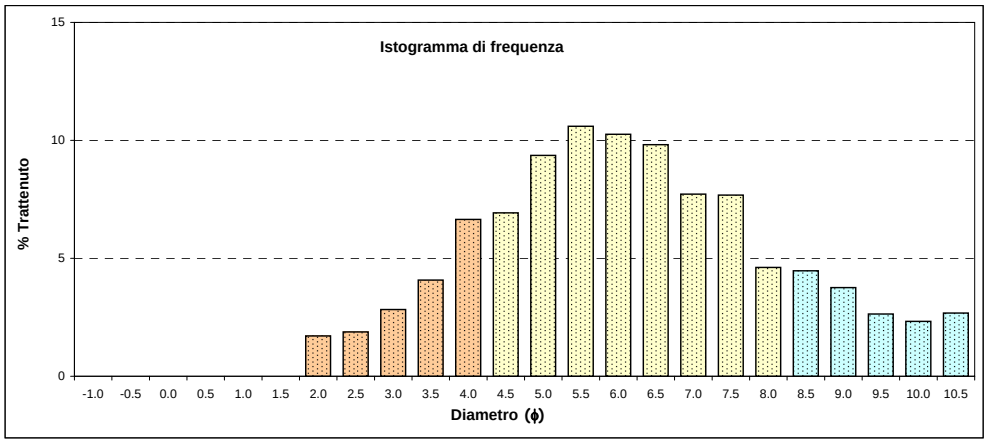
Percentili (Φ)	
5	2.739
16	3.916
25	4.590
50	5.851
75	7.281
84	8.066
95	9.589

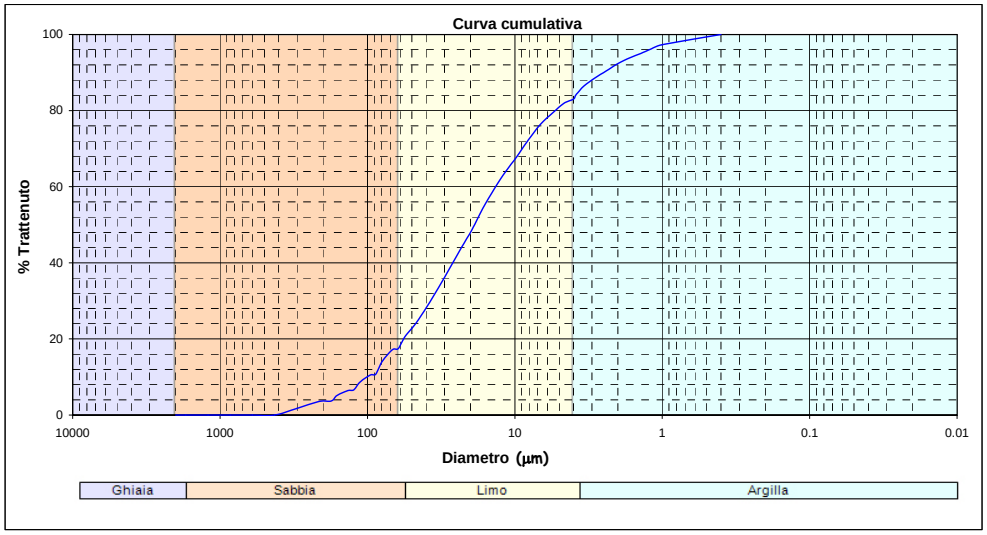
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.71%	1.71%
250	2		
250	2	1.88%	3.59%
176.78	2.5		
176.78	2.5	0.09%	3.68%
175	2.515		
175	2.515	1.47%	5.15%
147	2.766		
147	2.766	1.27%	6.42%
125	3		
125	3	0.16%	6.58%
123	3.023		
123	3.023	2.00%	8.58%
103	3.279		
103	3.279	1.92%	10.50%
88.39	3.5		
88.39	3.5	0.24%	10.75%
87	3.523		
87	3.523	3.18%	13.92%
73	3.776		
73	3.776	3.23%	17.15%
62.5	4		
62.5	4	0.28%	17.43%
61	4.035		
61	4.035	3.04%	20.48%
51	4.293		
51	4.293	3.60%	24.08%
43	4.54		
43	4.54	4.38%	28.46%
36	4.796		
36	4.796	4.98%	33.44%
30	5.059		
30	5.059	5.32%	38.76%
25	5.322		
25	5.322	5.28%	44.03%
21	5.573		
21	5.573	4.72%	48.75%
18	5.796		
18	5.796	5.53%	54.29%
15	6.059		
15	6.059	5.23%	59.52%
12.5	6.322		
12.5	6.322	4.58%	64.10%
10.5	6.573		
10.5	6.573	3.70%	67.80%
9	6.796		
9	6.796	4.02%	71.82%
7.5	7.059		
7.5	7.059	4.45%	76.27%
6	7.381		
6	7.381	3.23%	79.50%
5	7.644		
5	7.644	2.42%	81.92%
4.3	7.861		
4.3	7.861	1.10%	83.02%
4	7.966		
4	7.966	1.10%	84.12%
3.7	8.078		
3.7	8.078	2.36%	86.48%
3.1	8.334		
3.1	8.334	2.11%	88.59%
2.6	8.587		
2.6	8.587	1.81%	90.40%
2.2	8.828		
2.2	8.828	1.95%	92.35%
1.8	9.118		
1.8	9.118	1.55%	93.91%
1.5	9.381		
1.5	9.381	1.09%	94.99%
1.3	9.587		
1.3	9.587	1.14%	96.13%
1.1	9.828		
1.1	9.828	1.19%	97.32%
0.9	10.118		
< 0,900	> 10,118	2.68%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 59**
Livello (cm)	**(100-125)**
Peso totale (g)	35.6
Frazione > 63 μm (%)	17.7
Frazione < 63 μm (%)	82.3

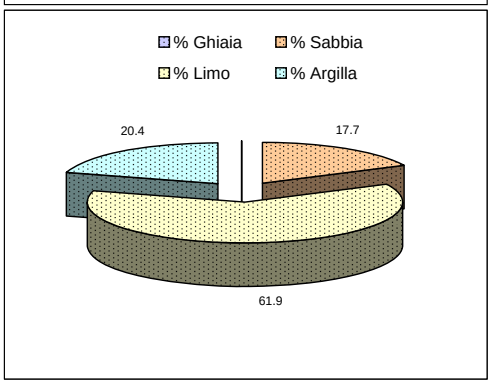
Frazione grossolana (> 63 μm) =	**17.7**
% Ghiaia	**% Sabbia**
0.0	**17.7**

Frazione pelitica (< 63 μm) =	**82.3**
% Limo	**% Argilla**
61.9	**20.4**

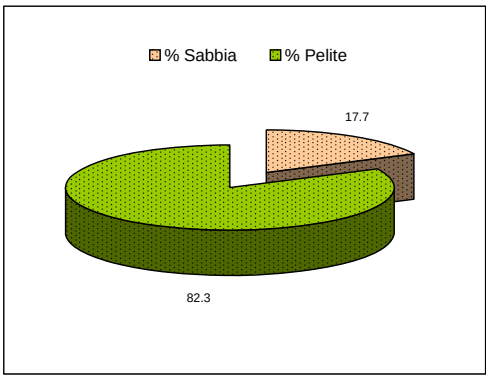
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.098
Deviazione Standard	2.225
Asimmetria (Skewness)	0.011
Appuntimento (Kurtosis)	1.007
Mediana (Φ)	6.086
Moda (Φ)	6.500

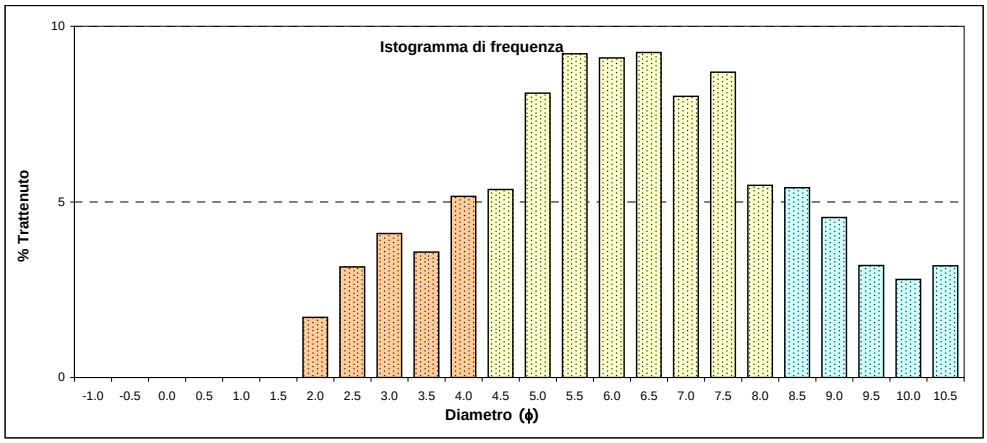
Percentili (Φ)	
5	2.515
16	3.848
25	4.667
50	6.086
75	7.613
84	8.359
95	9.755

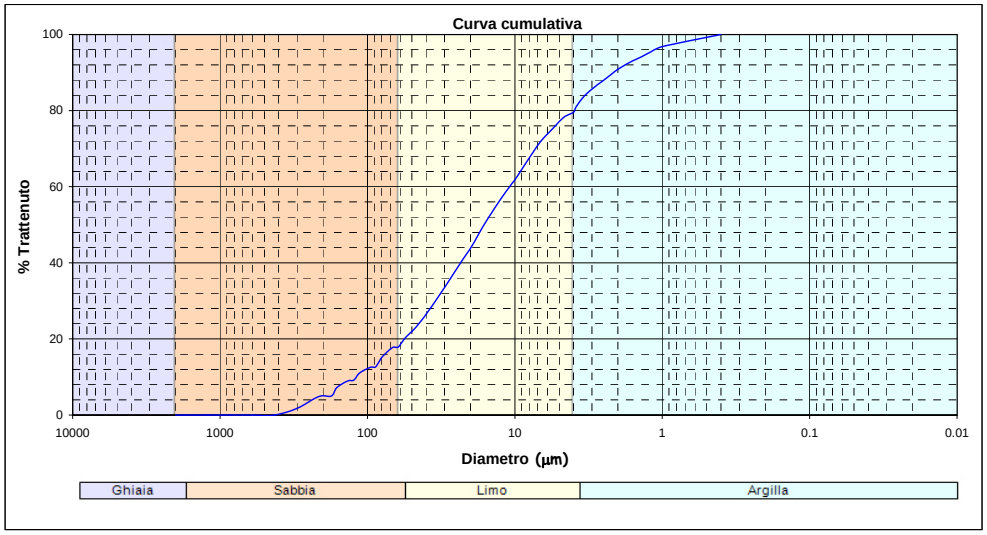
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.71%	1.71%
250	2		
250	2	3.15%	4.86%
176.78	2.5		
176.78	2.5	0.14%	5.00%
175	2.515		
175	2.515	2.22%	7.22%
147	2.766		
147	2.766	1.74%	8.96%
125	3		
125	3	0.19%	9.15%
123	3.023		
123	3.023	1.92%	11.07%
103	3.279		
103	3.279	1.46%	12.53%
88.39	3.5		
88.39	3.5	0.19%	12.72%
87	3.523		
87	3.523	2.41%	15.13%
73	3.776		
73	3.776	2.56%	17.69%
62.5	4		
62.5	4	0.17%	17.86%
61	4.035		
61	4.035	2.24%	20.10%
51	4.293		
51	4.293	2.94%	23.04%
43	4.54		
43	4.54	3.76%	26.80%
36	4.796		
36	4.796	4.34%	31.14%
30	5.059		
30	5.059	4.63%	35.76%
25	5.322		
25	5.322	4.59%	40.35%
21	5.573		
21	5.573	4.14%	44.49%
18	5.796		
18	5.796	4.96%	49.45%
15	6.059		
15	6.059	4.84%	54.29%
12.5	6.322		
12.5	6.322	4.41%	58.71%
10.5	6.573		
10.5	6.573	3.73%	62.43%
9	6.796		
9	6.796	4.28%	66.71%
7.5	7.059		
7.5	7.059	4.97%	71.68%
6	7.381		
6	7.381	3.73%	75.40%
5	7.644		
5	7.644	2.84%	78.25%
4.3	7.861		
4.3	7.861	1.31%	79.56%
4	7.966		
4	7.966	1.31%	80.88%
3.7	8.078		
3.7	8.078	2.84%	83.72%
3.1	8.334		
3.1	8.334	2.56%	86.28%
2.6	8.587		
2.6	8.587	2.20%	88.48%
2.2	8.828		
2.2	8.828	2.36%	90.84%
1.8	9.118		
1.8	9.118	1.88%	92.72%
1.5	9.381		
1.5	9.381	1.31%	94.03%
1.3	9.587		
1.3	9.587	1.37%	95.39%
1.1	9.828		
1.1	9.828	1.42%	96.82%
0.9	10.118		
< 0,900	> 10,118	3.18%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 59
Livello (cm)	(125-150)
Peso totale (g)	66.2
Frazione > 63 μm (%)	95.2
Frazione < 63 μm (%)	4.8

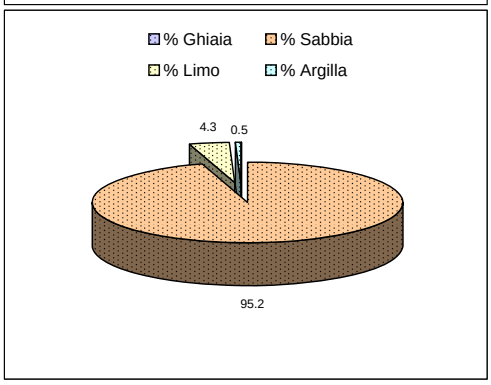
Frazione grossolana (> 63 μm) = 95.2	
% Ghiaia	% Sabbia
0.0	95.2

Frazione pelitica (< 63 μm) = 4.8	
% Limo	% Argilla
4.3	0.5

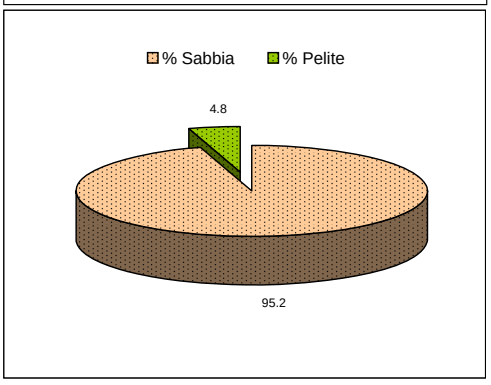
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.110
Deviazione Standard	0.786
Asimmetria (Skewness)	0.314
Appuntimento (Kurtosis)	1.305
Mediana (Φ)	1.990
Moda (Φ)	2.000

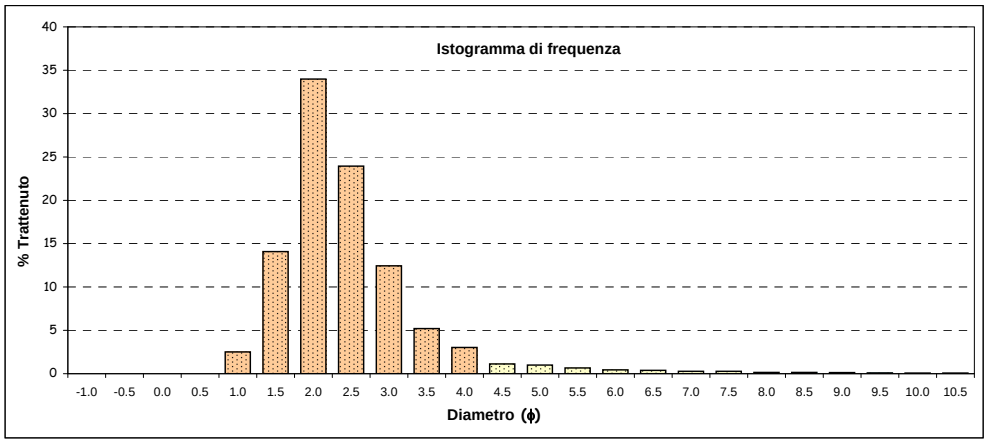
Percentili (Φ)	
5	1.077
16	1.475
25	1.609
50	1.990
75	2.517
84	2.865
95	3.968

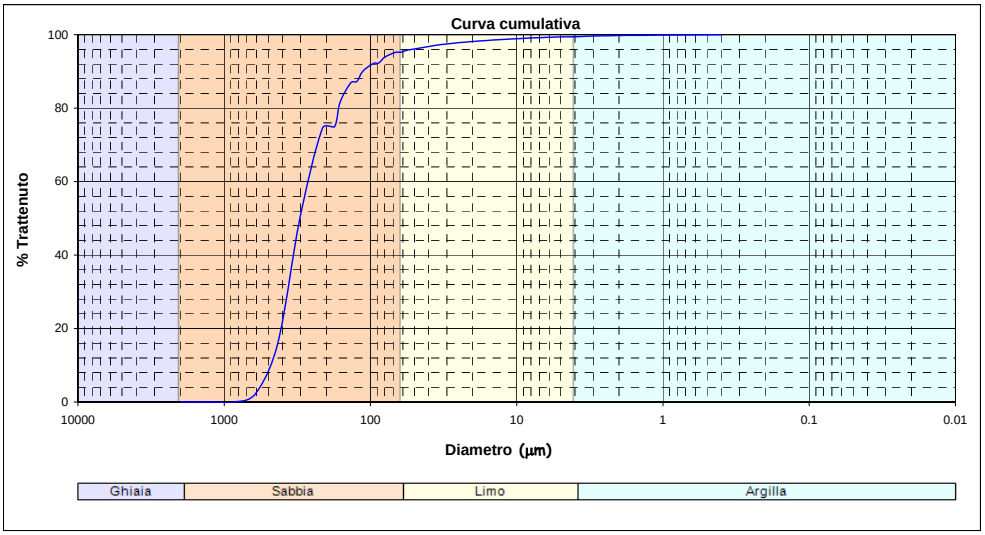
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	2.52%	2.52%
500	1		
500	1	14.08%	16.59%
353.55	1.5		
353.55	1.5	33.98%	50.58%
250	2		
250	2	23.93%	74.51%
176.78	2.5		
176.78	2.5	0.43%	74.93%
175	2.515		
175	2.515	6.71%	81.65%
147	2.766		
147	2.766	5.30%	86.95%
125	3		
125	3	0.28%	87.22%
123	3.023		
123	3.023	2.80%	90.03%
103	3.279		
103	3.279	2.12%	92.15%
88.39	3.5		
88.39	3.5	0.14%	92.29%
87	3.523		
87	3.523	1.56%	93.85%
73	3.776		
73	3.776	1.33%	95.18%
62.5	4		
62.5	4	0.05%	95.23%
61	4.035		
61	4.035	0.53%	95.77%
51	4.293		
51	4.293	0.54%	96.31%
43	4.54		
43	4.54	0.53%	96.84%
36	4.796		
36	4.796	0.46%	97.30%
30	5.059		
30	5.059	0.37%	97.67%
25	5.322		
25	5.322	0.29%	97.95%
21	5.573		
21	5.573	0.22%	98.17%
18	5.796		
18	5.796	0.23%	98.40%
15	6.059		
15	6.059	0.21%	98.61%
12.5	6.322		
12.5	6.322	0.17%	98.78%
10.5	6.573		
10.5	6.573	0.14%	98.92%
9	6.796		
9	6.796	0.15%	99.07%
7.5	7.059		
7.5	7.059	0.16%	99.22%
6	7.381		
6	7.381	0.11%	99.33%
5	7.644		
5	7.644	0.08%	99.42%
4.3	7.861		
4.3	7.861	0.04%	99.45%
4	7.966		
4	7.966	0.04%	99.49%
3.7	8.078		
3.7	8.078	0.08%	99.57%
3.1	8.334		
3.1	8.334	0.07%	99.64%
2.6	8.587		
2.6	8.587	0.06%	99.70%
2.2	8.828		
2.2	8.828	0.06%	99.76%
1.8	9.118		
1.8	9.118	0.05%	99.81%
1.5	9.381		
1.5	9.381	0.03%	99.85%
1.3	9.587		
1.3	9.587	0.04%	99.88%
1.1	9.828		
1.1	9.828	0.04%	99.92%
0.9	10.118		
< 0,900	> 10,118	0.08%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 59**
Livello (cm)	**(150-175)**
Peso totale (g)	102.0
Frazione > 63 μm (%)	97.2
Frazione < 63 μm (%)	2.8

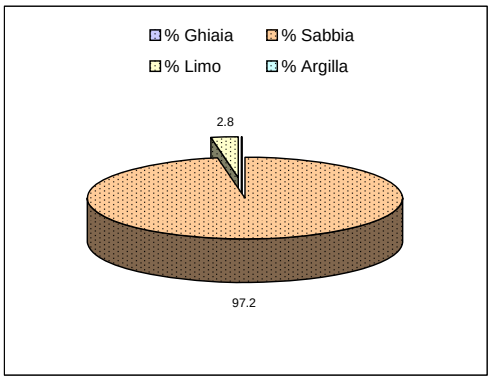
Frazione grossolana (> 63 μm) =	**97.2**
% Ghiaia	**% Sabbia**
0.0	**97.2**

Frazione pelitica (< 63 μm) =	**2.8**
% Limo	**% Argilla**
2.8	**0.0**

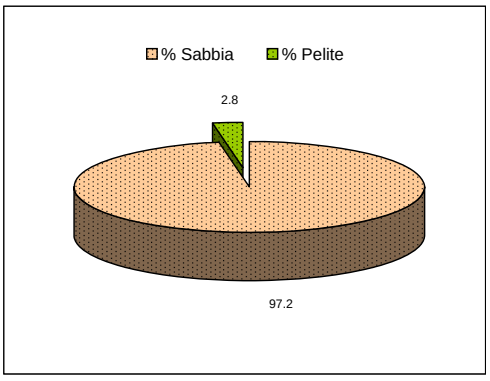
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.929
Deviazione Standard	0.642
Asimmetria (Skewness)	0.156
Appuntimento (Kurtosis)	1.238
Mediana (Φ)	1.902
Moda (Φ)	2.000

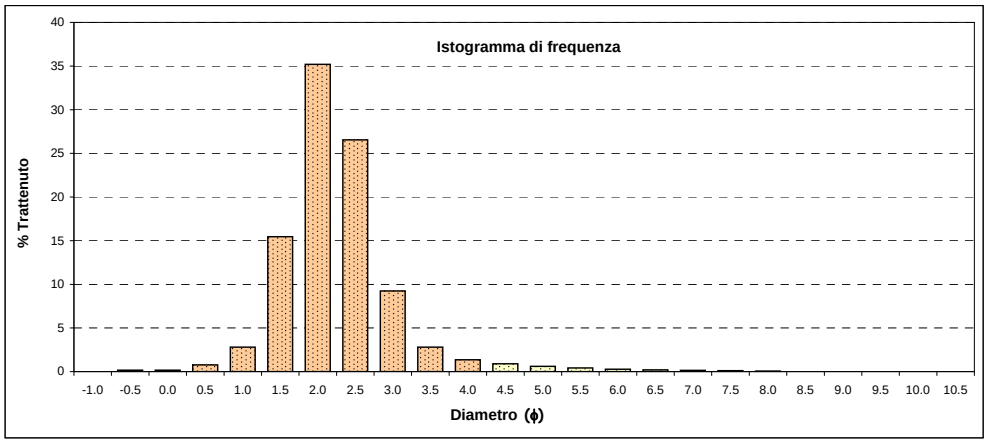
Percentili (Φ)	
5	1.026
16	1.360
25	1.561
50	1.902
75	2.326
84	2.525
95	3.340

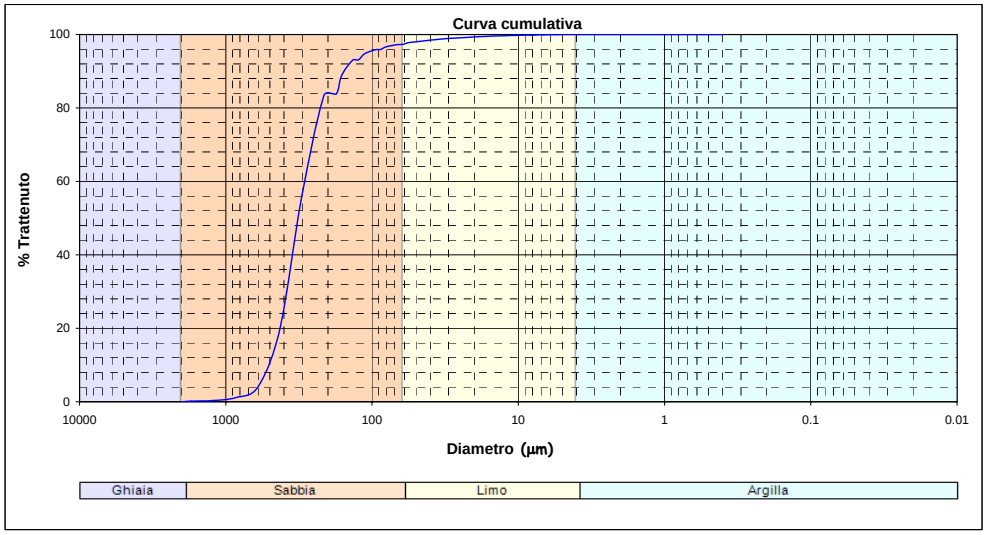
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.17%	0.18%
1414.21	-0.5		
1414.21	-0.5	0.17%	0.35%
1000	0		
1000	0	0.76%	1.14%
707.11	0.5		
707.11	0.5	2.80%	4.02%
500	1		
500	1	15.45%	19.92%
353.55	1.5		
353.55	1.5	35.20%	56.13%
250	2		
250	2	26.55%	83.43%
176.78	2.5		
176.78	2.5	0.32%	83.76%
175	2.515		
175	2.515	5.00%	88.90%
147	2.766		
147	2.766	3.92%	92.94%
125	3		
125	3	0.15%	93.09%
123	3.023		
123	3.023	1.53%	94.67%
103	3.279		
103	3.279	1.12%	95.82%
88.39	3.5		
88.39	3.5	0.07%	95.89%
87	3.523		
87	3.523	0.74%	96.65%
73	3.776		
73	3.776	0.55%	97.22%
62.5	4		
62.5	4	0.07%	97.29%
61	4.035		
61	4.035	0.46%	97.77%
51	4.293		
51	4.293	0.37%	98.15%
43	4.54		
43	4.54	0.32%	98.48%
36	4.796		
36	4.796	0.28%	98.76%
30	5.059		
30	5.059	0.23%	99.00%
25	5.322		
25	5.322	0.18%	99.19%
21	5.573		
21	5.573	0.14%	99.33%
18	5.796		
18	5.796	0.14%	99.48%
15	6.059		
15	6.059	0.12%	99.60%
12.5	6.322		
12.5	6.322	0.09%	99.69%
10.5	6.573		
10.5	6.573	0.07%	99.76%
9	6.796		
9	6.796	0.07%	99.83%
7.5	7.059		
7.5	7.059	0.07%	99.90%
6	7.381		
6	7.381	0.05%	99.95%
5	7.644		
5	7.644	0.03%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 59**
Livello (cm)	**(175-200)**
Peso totale (g)	70.3
Frazione > 63 μm (%)	84.6
Frazione < 63 μm (%)	15.4

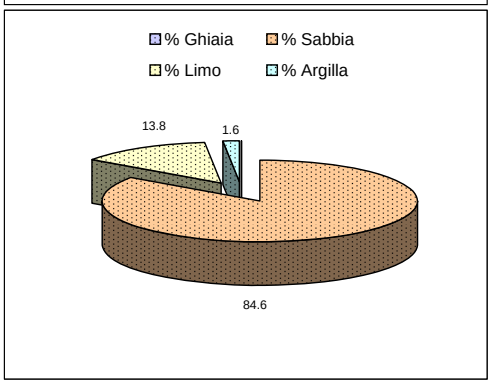
Frazione grossolana (> 63 μm) =	**84.6**
% Ghiaia	**% Sabbia**
0.0	**84.6**

Frazione pelitica (< 63 μm) =	**15.4**
% Limo	**% Argilla**
13.8	**1.6**

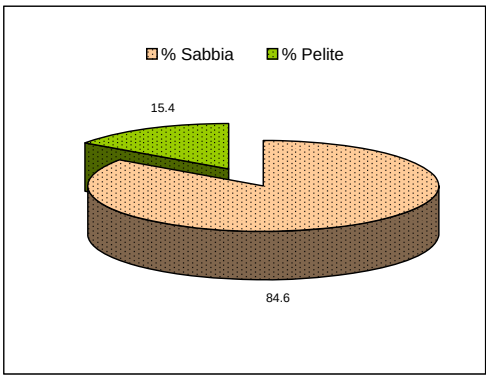
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.643
Deviazione Standard	1.370
Asimmetria (Skewness)	0.410
Appuntimento (Kurtosis)	1.360
Mediana (Φ)	2.392
Moda (Φ)	2.000

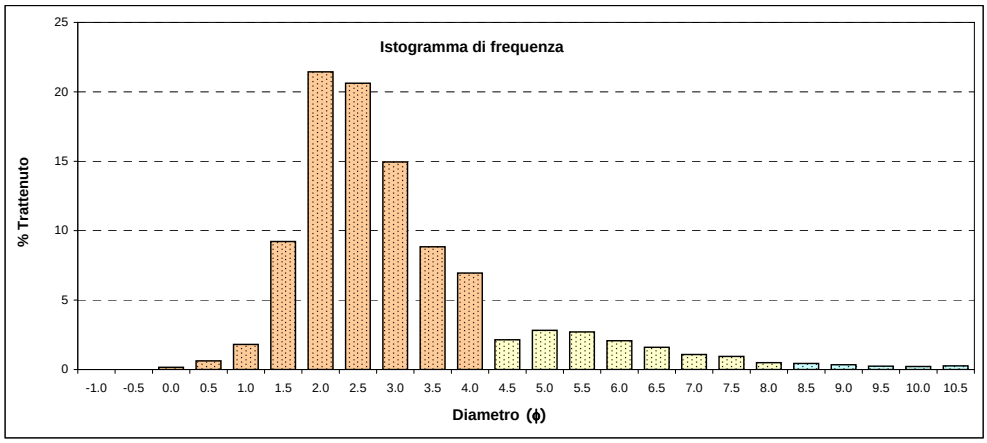
Percentili (Φ)	
5	1.115
16	1.585
25	1.787
50	2.392
75	3.334
84	3.953
95	6.249

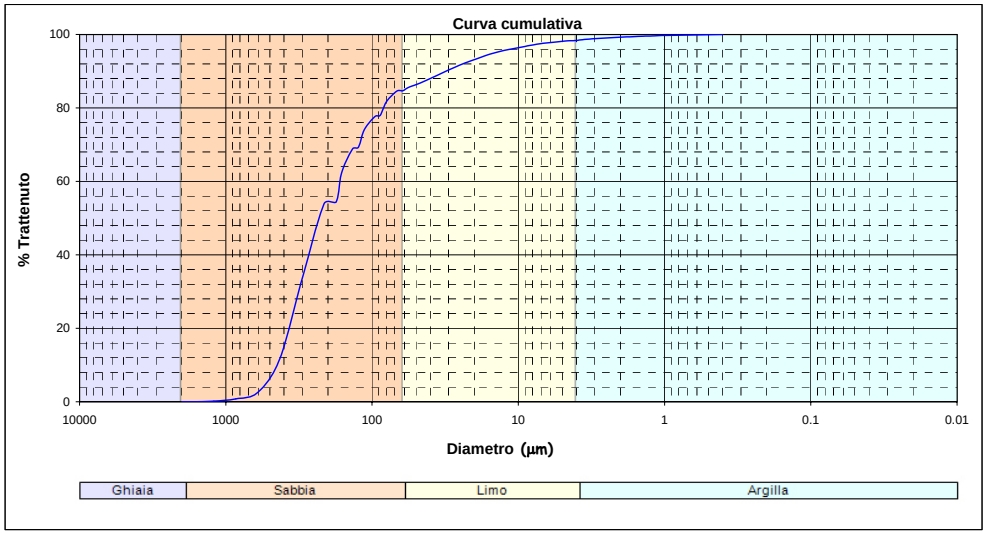
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.16%	0.16%
1000	0		
1000	0	0.63%	0.78%
707.11	0.5		
707.11	0.5	1.81%	2.59%
500	1		
500	1	9.22%	11.80%
353.55	1.5		
353.55	1.5	21.43%	33.24%
250	2		
250	2	20.62%	53.86%
176.78	2.5		
176.78	2.5	0.51%	54.37%
175	2.515		
175	2.515	8.06%	62.43%
147	2.766		
147	2.766	6.37%	68.80%
125	3		
125	3	0.47%	69.28%
123	3.023		
123	3.023	4.78%	74.06%
103	3.279		
103	3.279	3.59%	77.65%
88.39	3.5		
88.39	3.5	0.34%	77.98%
87	3.523		
87	3.523	3.61%	81.60%
73	3.776		
73	3.776	2.99%	84.59%
62.5	4		
62.5	4	0.08%	84.67%
61	4.035		
61	4.035	0.93%	85.60%
51	4.293		
51	4.293	1.13%	86.73%
43	4.54		
43	4.54	1.36%	88.09%
36	4.796		
36	4.796	1.47%	89.56%
30	5.059		
30	5.059	1.44%	91.00%
25	5.322		
25	5.322	1.28%	92.27%
21	5.573		
21	5.573	1.02%	93.29%
18	5.796		
18	5.796	1.05%	94.34%
15	6.059		
15	6.059	0.89%	95.23%
12.5	6.322		
12.5	6.322	0.71%	95.94%
10.5	6.573		
10.5	6.573	0.54%	96.48%
9	6.796		
9	6.796	0.55%	97.03%
7.5	7.059		
7.5	7.059	0.56%	97.59%
6	7.381		
6	7.381	0.38%	97.97%
5	7.644		
5	7.644	0.27%	98.24%
4.3	7.861		
4.3	7.861	0.12%	98.36%
4	7.966		
4	7.966	0.12%	98.47%
3.7	8.078		
3.7	8.078	0.23%	98.71%
3.1	8.334		
3.1	8.334	0.20%	98.91%
2.6	8.587		
2.6	8.587	0.17%	99.08%
2.2	8.828		
2.2	8.828	0.18%	99.26%
1.8	9.118		
1.8	9.118	0.15%	99.41%
1.5	9.381		
1.5	9.381	0.10%	99.51%
1.3	9.587		
1.3	9.587	0.11%	99.62%
1.1	9.828		
1.1	9.828	0.12%	99.73%
0.9	10.118		
< 0,900	> 10,118	0.27%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 59
Livello (cm)	(200-225)
Peso totale (g)	78.4
Frazione > 63 µm (%)	77.9
Frazione < 63 µm (%)	22.1

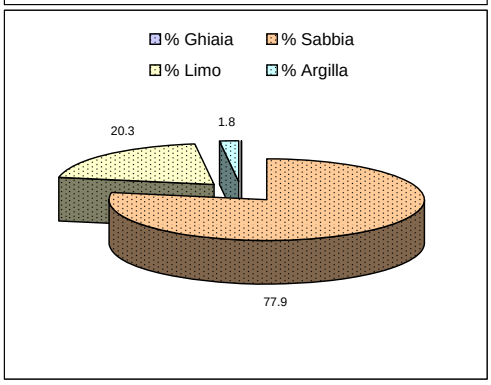
Frazione grossolana (> 63 µm) = 77.9	
% Ghiaia	% Sabbia
0.0	77.9

Frazione pelitica (< 63 µm) = 22.1	
% Limo	% Argilla
20.3	1.8

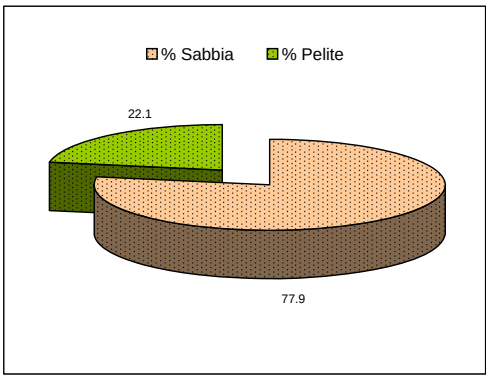
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.131
Deviazione Standard	1.478
Asimmetria (Skewness)	0.223
Appuntimento (Kurtosis)	1.160
Mediana (Φ)	2.999
Moda (Φ)	3.000

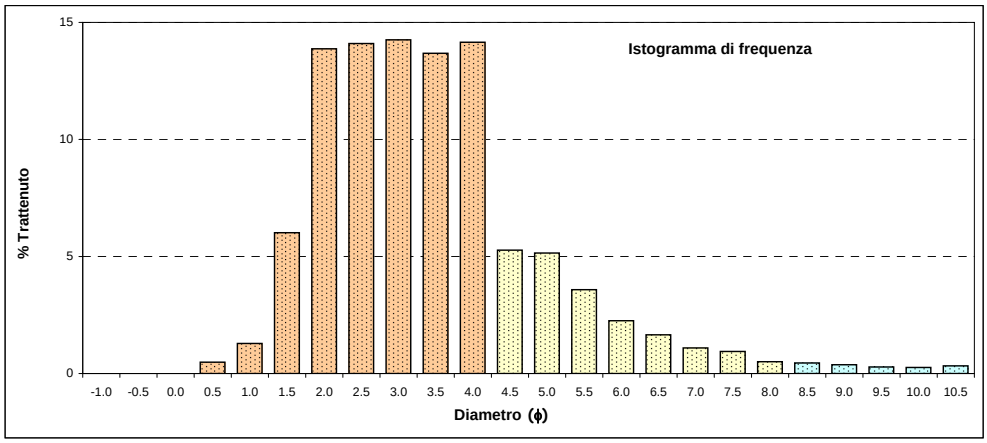
Percentili (Φ)	
5	1.247
16	1.775
25	2.104
50	2.999
75	3.893
84	4.618
95	6.312

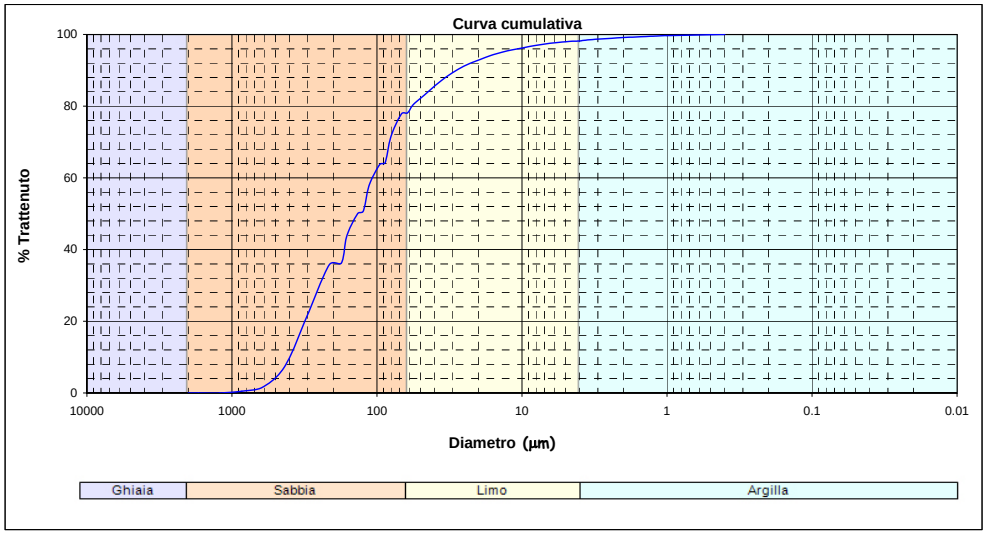
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.48%	0.48%
707.11	0.5		
707.11	0.5	1.29%	1.77%
500	1		
500	1	6.02%	7.79%
353.55	1.5		
353.55	1.5	13.87%	21.66%
250	2		
250	2	14.10%	35.76%
176.78	2.5		
176.78	2.5	0.49%	36.25%
175	2.515		
175	2.515	7.71%	43.96%
147	2.766		
147	2.766	6.06%	50.02%
125	3		
125	3	0.72%	50.74%
123	3.023		
123	3.023	7.31%	58.05%
103	3.279		
103	3.279	5.65%	63.70%
88.39	3.5		
88.39	3.5	0.65%	64.35%
87	3.523		
87	3.523	7.25%	71.61%
73	3.776		
73	3.776	6.25%	77.85%
62.5	4		
62.5	4	0.22%	78.08%
61	4.035		
61	4.035	2.43%	80.50%
51	4.293		
51	4.293	2.62%	83.12%
43	4.54		
43	4.54	2.70%	85.82%
36	4.796		
36	4.796	2.45%	88.27%
30	5.059		
30	5.059	2.02%	90.29%
25	5.322		
25	5.322	1.56%	91.85%
21	5.573		
21	5.573	1.14%	92.99%
18	5.796		
18	5.796	1.12%	94.11%
15	6.059		
15	6.059	0.92%	95.03%
12.5	6.322		
12.5	6.322	0.73%	95.76%
10.5	6.573		
10.5	6.573	0.54%	96.31%
9	6.796		
9	6.796	0.55%	96.86%
7.5	7.059		
7.5	7.059	0.56%	97.42%
6	7.381		
6	7.381	0.38%	97.80%
5	7.644		
5	7.644	0.27%	98.07%
4.3	7.861		
4.3	7.861	0.12%	98.19%
4	7.966		
4	7.966	0.12%	98.30%
3.7	8.078		
3.7	8.078	0.24%	98.54%
3.1	8.334		
3.1	8.334	0.21%	98.76%
2.6	8.587		
2.6	8.587	0.18%	98.94%
2.2	8.828		
2.2	8.828	0.20%	99.13%
1.8	9.118		
1.8	9.118	0.16%	99.30%
1.5	9.381		
1.5	9.381	0.12%	99.41%
1.3	9.587		
1.3	9.587	0.13%	99.54%
1.1	9.828		
1.1	9.828	0.14%	99.67%
0.9	10.118		
< 0,900	> 10,118	0.33%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 60
Livello (cm)	(0-25)
Peso totale (g)	23.4
Frazione > 63 μm (%)	5.7
Frazione < 63 μm (%)	94.3

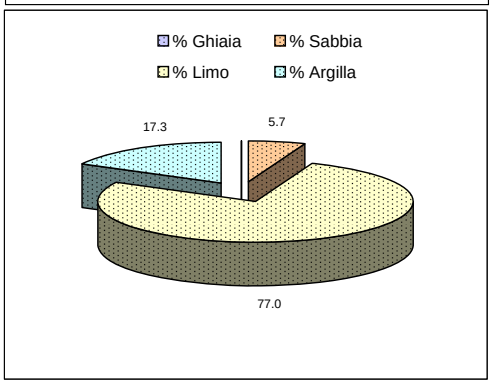
Frazione grossolana (> 63 μm) = 5.7	
% Ghiaia	% Sabbia
0.0	5.7

Frazione pelitica (< 63 μm) = 94.3	
% Limo	% Argilla
77.0	17.3

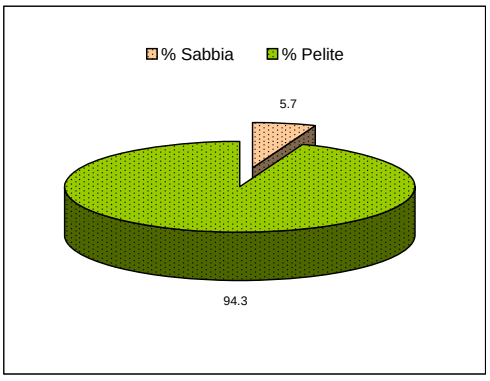
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.352
Deviazione Standard	1.675
Asimmetria (Skewness)	0.228
Appuntimento (Kurtosis)	1.117
Mediana (Φ)	6.112
Moda (Φ)	6.000

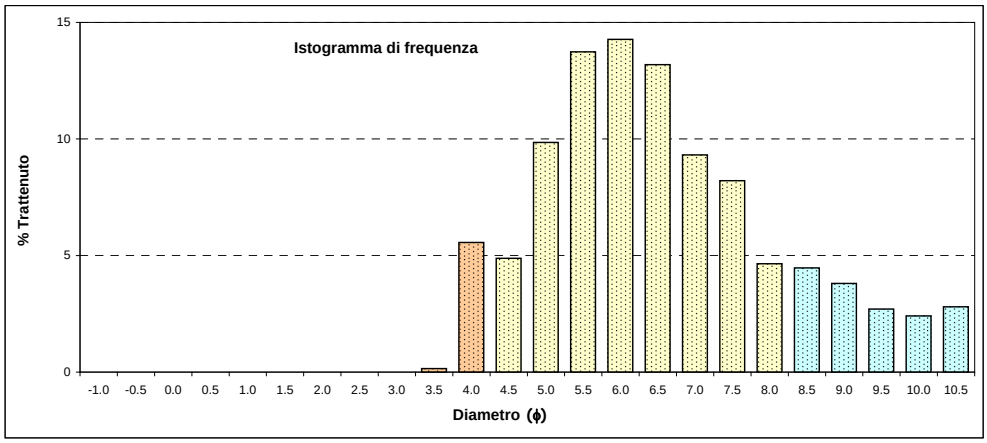
Percentili (Φ)	
5	3.935
16	4.846
25	5.234
50	6.112
75	7.322
84	8.098
95	9.629

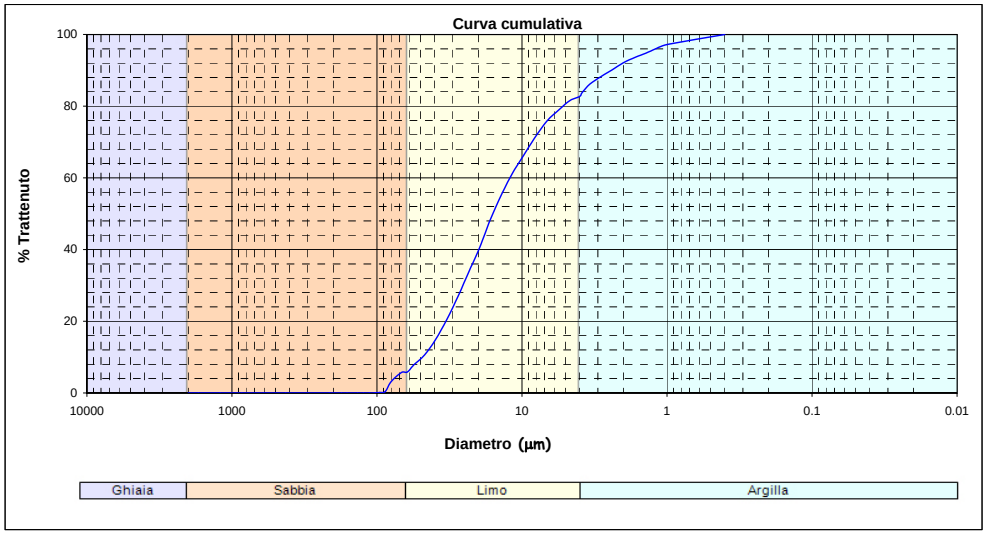
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.02%	0.02%
103	3.279		
103	3.279	0.13%	0.15%
88.39	3.5		
88.39	3.5	0.24%	0.39%
87	3.523		
87	3.523	2.73%	3.12%
73	3.776		
73	3.776	2.59%	5.71%
62.5	4		
62.5	4	0.12%	5.83%
61	4.035		
61	4.035	1.88%	7.72%
51	4.293		
51	4.293	2.88%	10.59%
43	4.54		
43	4.54	4.25%	14.84%
36	4.796		
36	4.796	5.60%	20.44%
30	5.059		
30	5.059	6.66%	27.10%
25	5.322		
25	5.322	7.08%	34.18%
21	5.573		
21	5.573	6.55%	40.73%
18	5.796		
18	5.796	7.72%	48.45%
15	6.059		
15	6.059	7.16%	55.61%
12.5	6.322		
12.5	6.322	6.03%	61.64%
10.5	6.573		
10.5	6.573	4.61%	66.25%
9	6.796		
9	6.796	4.70%	70.95%
7.5	7.059		
7.5	7.059	4.85%	75.80%
6	7.381		
6	7.381	3.36%	79.16%
5	7.644		
5	7.644	2.45%	81.60%
4.3	7.861		
4.3	7.861	1.10%	82.71%
4	7.966		
4	7.966	1.10%	83.81%
3.7	8.078		
3.7	8.078	2.35%	86.16%
3.1	8.334		
3.1	8.334	2.12%	88.28%
2.6	8.587		
2.6	8.587	1.83%	90.10%
2.2	8.828		
2.2	8.828	1.97%	92.08%
1.8	9.118		
1.8	9.118	1.59%	93.67%
1.5	9.381		
1.5	9.381	1.12%	94.78%
1.3	9.587		
1.3	9.587	1.18%	95.96%
1.1	9.828		
1.1	9.828	1.24%	97.20%
0.9	10.118		
< 0,900	> 10,118	2.80%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 60**
Livello (cm)	**(25-50)**
Peso totale (g)	25.9
Frazione > 63 μm (%)	5.8
Frazione < 63 μm (%)	94.2

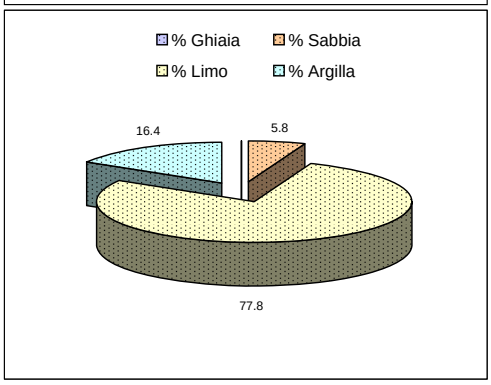
Frazione grossolana (> 63 μm) = 5.8	
% Ghiaia	**% Sabbia**
0.0	**5.8**

Frazione pelitica (< 63 μm) = 94.2	
% Limo	**% Argilla**
77.8	**16.4**

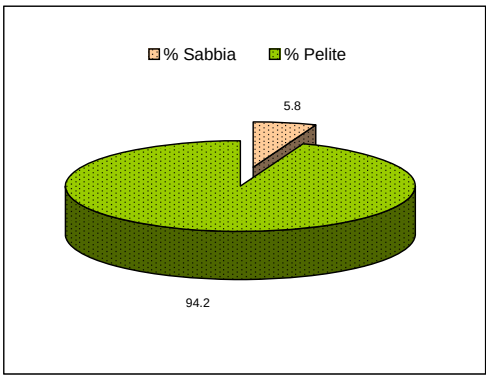
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.282
Deviazione Standard	1.662
Asimmetria (Skewness)	0.212
Appuntimento (Kurtosis)	1.109
Mediana (Φ)	6.079
Moda (Φ)	6.000

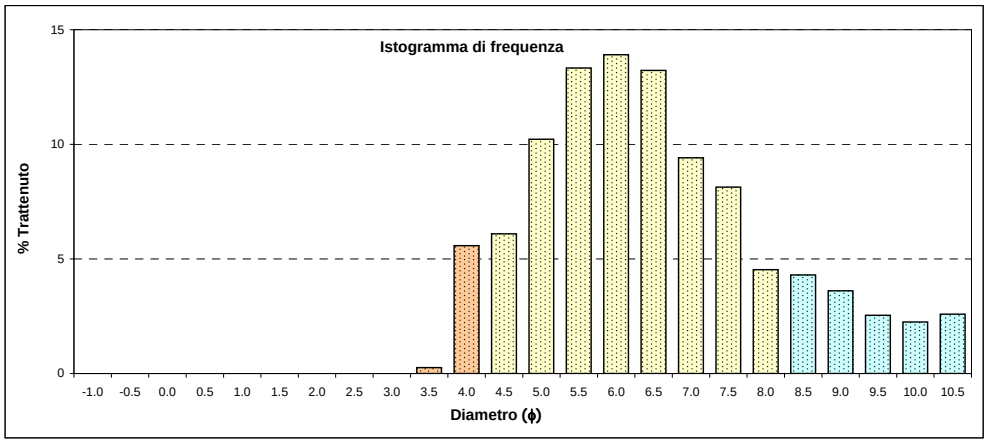
Percentili (Φ)	
5	3.928
16	4.765
25	5.168
50	6.079
75	7.248
84	8.003
95	9.554

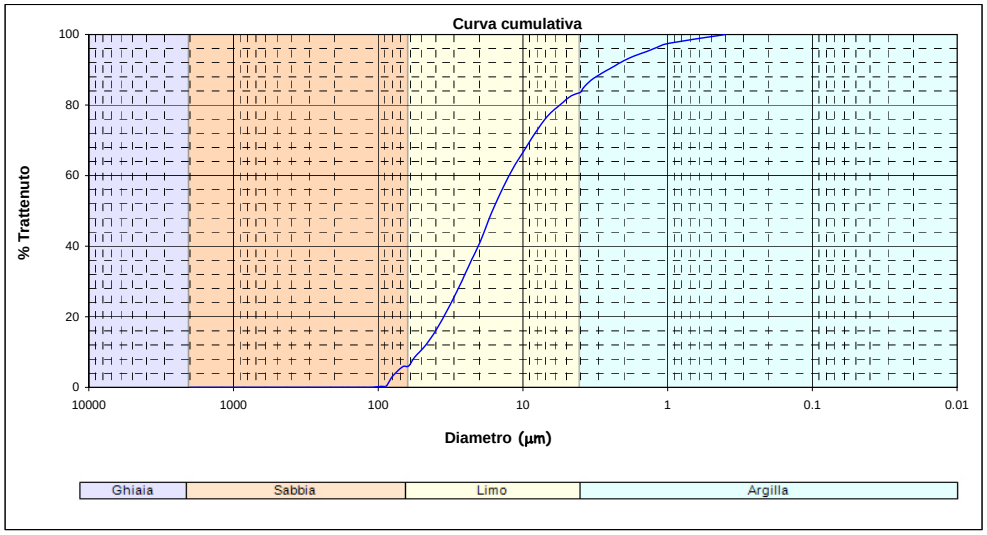
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.26%	0.26%
88.39	3.5		
88.39	3.5	0.21%	0.47%
87	3.523		
87	3.523	2.63%	3.10%
73	3.776		
73	3.776	2.74%	5.84%
62.5	4		
62.5	4	0.19%	6.03%
61	4.035		
61	4.035	2.52%	8.55%
51	4.293		
51	4.293	3.39%	11.94%
43	4.54		
43	4.54	4.57%	16.50%
36	4.796		
36	4.796	5.66%	22.17%
30	5.059		
30	5.059	6.50%	28.67%
25	5.322		
25	5.322	6.83%	35.49%
21	5.573		
21	5.573	6.34%	41.83%
18	5.796		
18	5.796	7.57%	49.41%
15	6.059		
15	6.059	7.13%	56.54%
12.5	6.322		
12.5	6.322	6.09%	62.63%
10.5	6.573		
10.5	6.573	4.68%	67.31%
9	6.796		
9	6.796	4.74%	72.04%
7.5	7.059		
7.5	7.059	4.83%	76.87%
6	7.381		
6	7.381	3.31%	80.18%
5	7.644		
5	7.644	2.39%	82.57%
4.3	7.861		
4.3	7.861	1.07%	83.64%
4	7.966		
4	7.966	1.07%	84.71%
3.7	8.078		
3.7	8.078	2.27%	86.98%
3.1	8.334		
3.1	8.334	2.03%	89.01%
2.6	8.587		
2.6	8.587	1.74%	90.75%
2.2	8.828		
2.2	8.828	1.87%	92.62%
1.8	9.118		
1.8	9.118	1.49%	94.11%
1.5	9.381		
1.5	9.381	1.05%	95.16%
1.3	9.587		
1.3	9.587	1.10%	96.26%
1.1	9.828		
1.1	9.828	1.15%	97.41%
0.9	10.118		
< 0,900	> 10,118	2.59%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 60
Livello (cm)	(50-75)
Peso totale (g)	31.3
Frazione > 63 μm (%)	4.7
Frazione < 63 μm (%)	95.3

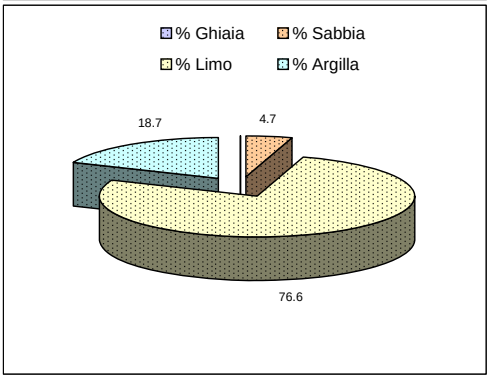
Frazione grossolana (> 63 μm) = 4.7	
% Ghiaia	% Sabbia
0.0	4.7

Frazione pelitica (< 63 μm) = 95.3	
% Limo	% Argilla
76.6	18.7

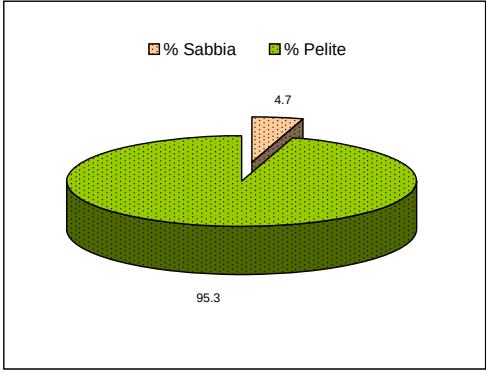
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.453
Deviazione Standard	1.677
Asimmetria (Skewness)	0.210
Appuntimento (Kurtosis)	1.077
Mediana (Φ)	6.235
Moda (Φ)	6.000

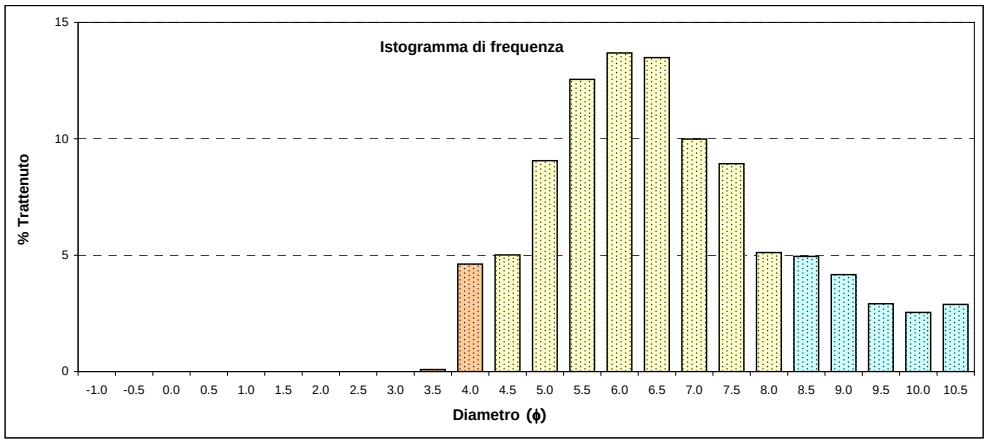
Percentili (Φ)	
5	4.052
16	4.909
25	5.328
50	6.235
75	7.464
84	8.215
95	9.665

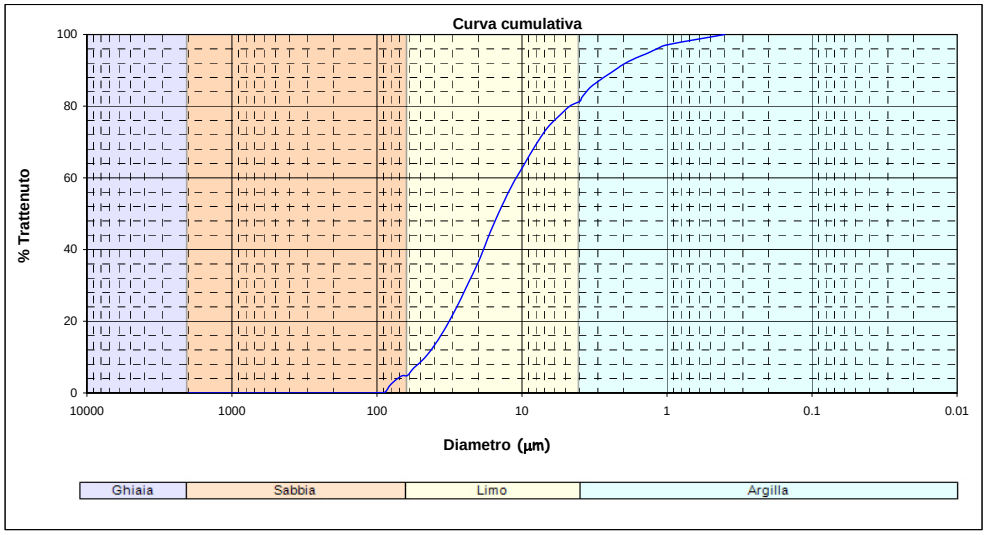
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.09%	0.09%
88.39	3.5		
88.39	3.5	0.17%	0.26%
87	3.523		
87	3.523	2.17%	2.44%
73	3.776		
73	3.776	2.27%	4.71%
62.5	4		
62.5	4	0.15%	4.86%
61	4.035		
61	4.035	2.03%	6.89%
51	4.293		
51	4.293	2.84%	9.72%
43	4.54		
43	4.54	3.97%	13.69%
36	4.796		
36	4.796	5.09%	18.78%
30	5.059		
30	5.059	6.04%	24.82%
25	5.322		
25	5.322	6.51%	31.34%
21	5.573		
21	5.573	6.17%	37.50%
18	5.796		
18	5.796	7.52%	45.02%
15	6.059		
15	6.059	7.21%	52.23%
12.5	6.322		
12.5	6.322	6.28%	58.51%
10.5	6.573		
10.5	6.573	4.92%	63.42%
9	6.796		
9	6.796	5.07%	68.50%
7.5	7.059		
7.5	7.059	5.27%	73.76%
6	7.381		
6	7.381	3.66%	77.42%
5	7.644		
5	7.644	2.68%	80.11%
4.3	7.861		
4.3	7.861	1.22%	81.32%
4	7.966		
4	7.966	1.22%	82.54%
3.7	8.078		
3.7	8.078	2.61%	85.15%
3.1	8.334		
3.1	8.334	2.34%	87.49%
2.6	8.587		
2.6	8.587	2.01%	89.50%
2.2	8.828		
2.2	8.828	2.16%	91.66%
1.8	9.118		
1.8	9.118	1.72%	93.38%
1.5	9.381		
1.5	9.381	1.20%	94.57%
1.3	9.587		
1.3	9.587	1.25%	95.82%
1.1	9.828		
1.1	9.828	1.30%	97.11%
0.9	10.118		
< 0,900	> 10,118	2.89%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 60
Livello (cm)	(75-100)
Peso totale (g)	30.2
Frazione > 63 μm (%)	4.0
Frazione < 63 μm (%)	96.0

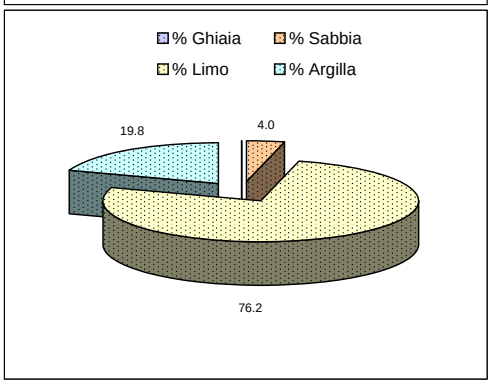
Frazione grossolana (> 63 μm) = 4.0	
% Ghiaia	% Sabbia
0.0	4.0

Frazione pelitica (< 63 μm) = 96.0	
% Limo	% Argilla
76.2	19.8

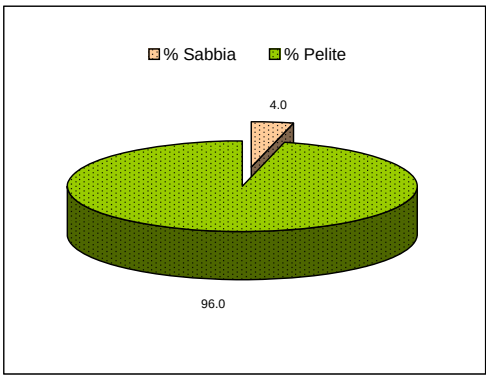
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.569
Deviazione Standard	1.649
Asimmetria (Skewness)	0.214
Appuntimento (Kurtosis)	1.068
Mediana (Φ)	6.339
Moda (Φ)	6.500

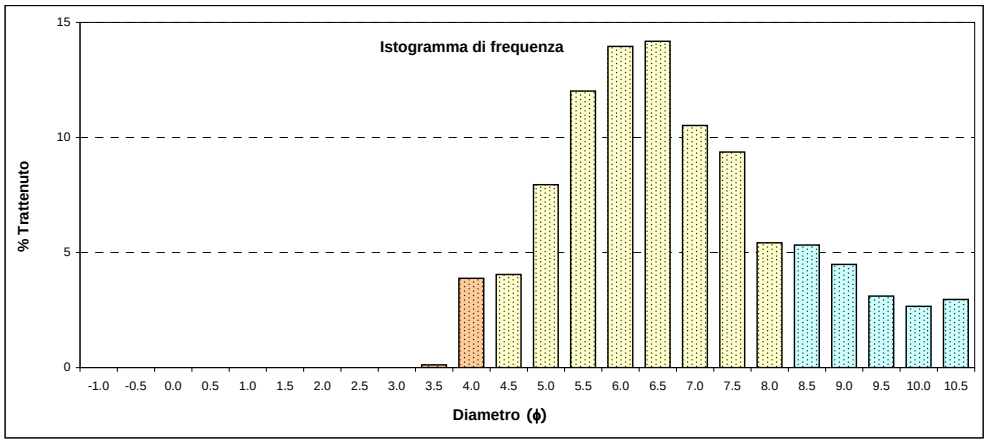
Percentili (Φ)	
5	4.172
16	5.059
25	5.449
50	6.339
75	7.568
84	8.308
95	9.696

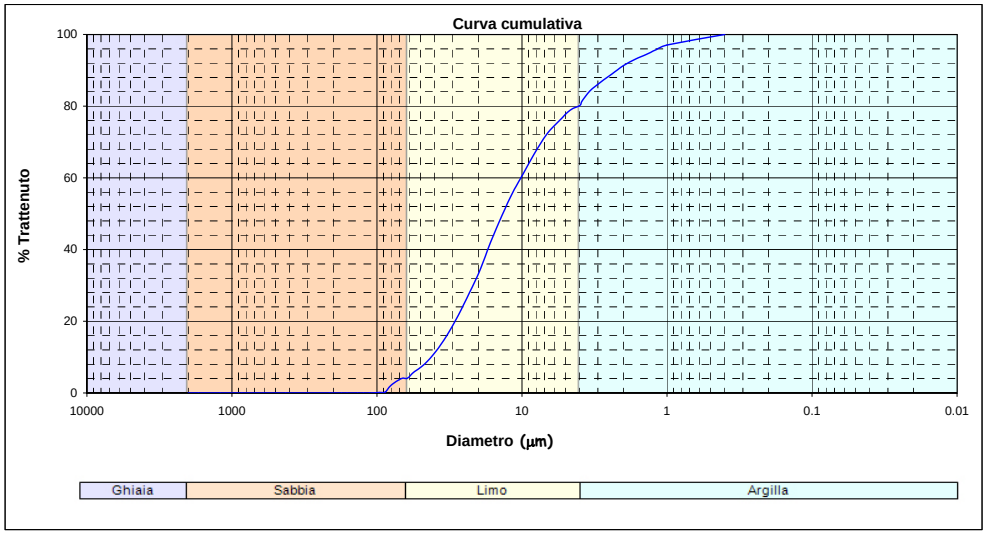
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.12%	0.12%
88.39	3.5		
88.39	3.5	0.15%	0.27%
87	3.523		
87	3.523	1.85%	2.12%
73	3.776		
73	3.776	1.87%	4.00%
62.5	4		
62.5	4	0.12%	4.11%
61	4.035		
61	4.035	1.61%	5.72%
51	4.293		
51	4.293	2.33%	8.05%
43	4.54		
43	4.54	3.39%	11.44%
36	4.796		
36	4.796	4.56%	15.99%
30	5.059		
30	5.059	5.66%	21.66%
25	5.322		
25	5.322	6.35%	28.01%
21	5.573		
21	5.573	6.20%	34.22%
18	5.796		
18	5.796	7.75%	41.97%
15	6.059		
15	6.059	7.56%	49.52%
12.5	6.322		
12.5	6.322	6.62%	56.15%
10.5	6.573		
10.5	6.573	5.19%	61.33%
9	6.796		
9	6.796	5.34%	66.67%
7.5	7.059		
7.5	7.059	5.52%	72.19%
6	7.381		
6	7.381	3.85%	76.04%
5	7.644		
5	7.644	2.83%	78.87%
4.3	7.861		
4.3	7.861	1.29%	80.17%
4	7.966		
4	7.966	1.29%	81.46%
3.7	8.078		
3.7	8.078	2.80%	84.26%
3.1	8.334		
3.1	8.334	2.53%	86.78%
2.6	8.587		
2.6	8.587	2.17%	88.95%
2.2	8.828		
2.2	8.828	2.32%	91.27%
1.8	9.118		
1.8	9.118	1.83%	93.11%
1.5	9.381		
1.5	9.381	1.27%	94.38%
1.3	9.587		
1.3	9.587	1.31%	95.69%
1.1	9.828		
1.1	9.828	1.35%	97.04%
0.9	10.118		
< 0,900	> 10,118	2.96%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 61
Livello (cm)	(0-25)
Peso totale (g)	41.7
Frazione > 63 μm (%)	6.4
Frazione < 63 μm (%)	93.6

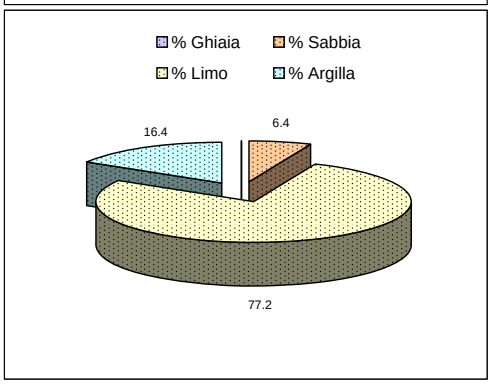
Frazione grossolana (> 63 μm) = 6.4	
% Ghiaia	% Sabbia
0.0	6.4

Frazione pelitica (< 63 μm) = 93.6	
% Limo	% Argilla
77.2	16.4

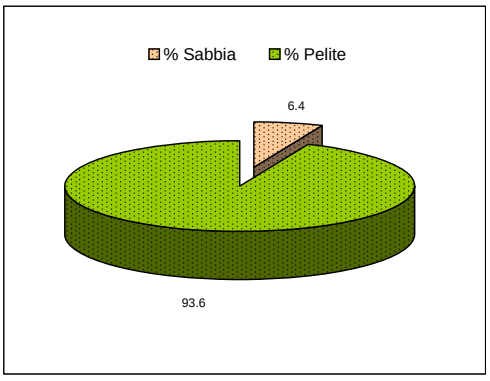
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.300
Deviazione Standard	1.656
Asimmetria (Skewness)	0.197
Appuntimento (Kurtosis)	1.106
Mediana (Φ)	6.106
Moda (Φ)	6.000

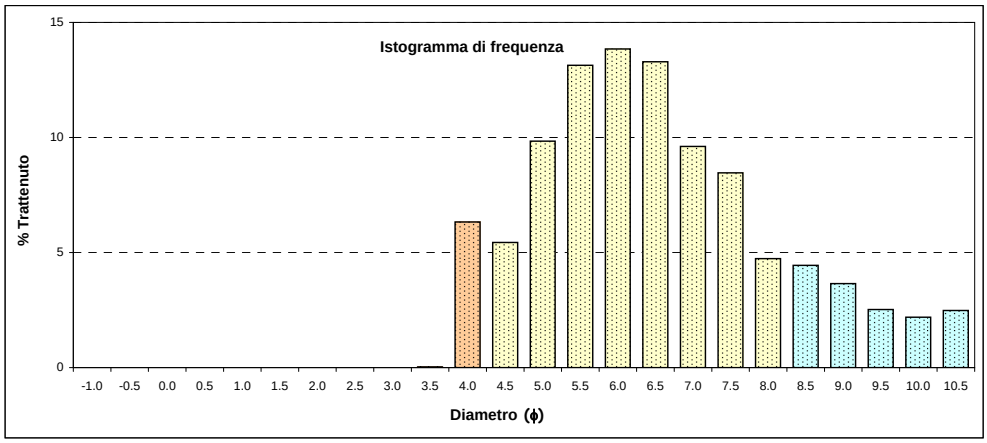
Percentili (Φ)	
5	3.895
16	4.787
25	5.192
50	6.106
75	7.275
84	8.005
95	9.518

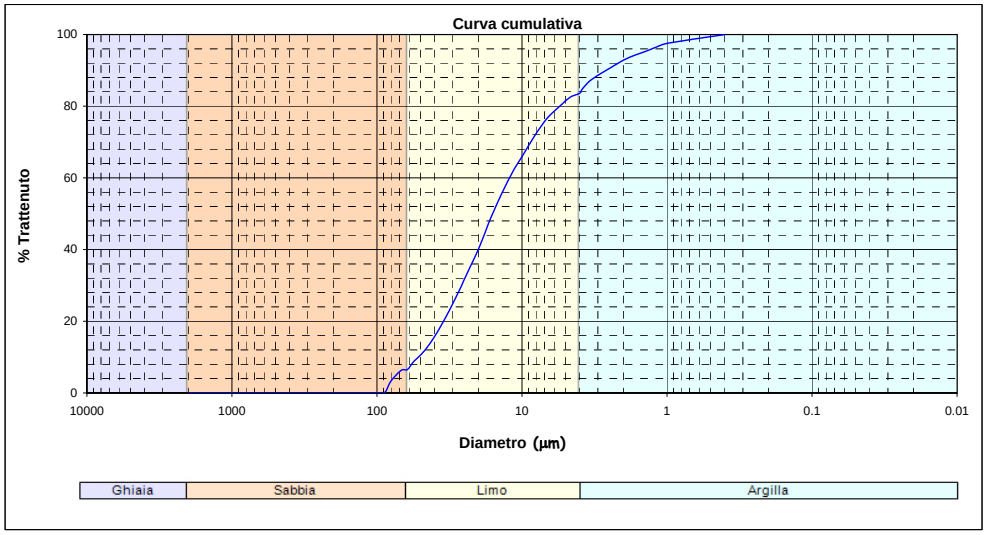
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.02%	0.02%
88.39	3.5		
88.39	3.5	0.26%	0.28%
87	3.523		
87	3.523	3.06%	3.34%
73	3.776		
73	3.776	3.01%	6.35%
62.5	4		
62.5	4	0.15%	6.50%
61	4.035		
61	4.035	2.18%	8.68%
51	4.293		
51	4.293	3.11%	11.79%
43	4.54		
43	4.54	4.34%	16.14%
36	4.796		
36	4.796	5.50%	21.63%
30	5.059		
30	5.059	6.39%	28.02%
25	5.322		
25	5.322	6.75%	34.77%
21	5.573		
21	5.573	6.29%	41.06%
18	5.796		
18	5.796	7.56%	48.62%
15	6.059		
15	6.059	7.15%	55.77%
12.5	6.322		
12.5	6.322	6.14%	61.91%
10.5	6.573		
10.5	6.573	4.75%	66.65%
9	6.796		
9	6.796	4.86%	71.51%
7.5	7.059		
7.5	7.059	5.01%	76.52%
6	7.381		
6	7.381	3.45%	79.98%
5	7.644		
5	7.644	2.50%	82.48%
4.3	7.861		
4.3	7.861	1.12%	83.60%
4	7.966		
4	7.966	1.12%	84.71%
3.7	8.078		
3.7	8.078	2.36%	87.07%
3.1	8.334		
3.1	8.334	2.09%	89.16%
2.6	8.587		
2.6	8.587	1.77%	90.93%
2.2	8.828		
2.2	8.828	1.88%	92.81%
1.8	9.118		
1.8	9.118	1.49%	94.30%
1.5	9.381		
1.5	9.381	1.03%	95.33%
1.3	9.587		
1.3	9.587	1.07%	96.41%
1.1	9.828		
1.1	9.828	1.11%	97.52%
0.9	10.118		
< 0,900	> 10,118	2.48%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 61**
Livello (cm)	**(25-50)**
Peso totale (g)	52.7
Frazione > 63 μm (%)	6.8
Frazione < 63 μm (%)	93.2

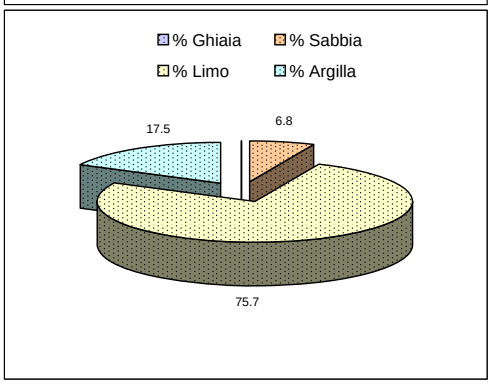
Frazione grossolana (> 63 μm) =	**6.8**
% Ghiaia	**% Sabbia**
0.0	**6.8**

Frazione pelitica (< 63 μm) =	**93.2**
% Limo	**% Argilla**
75.7	**17.5**

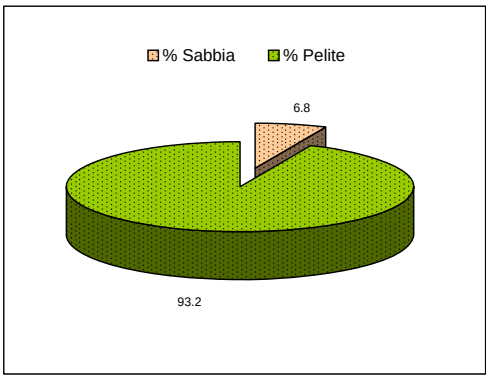
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.333
Deviazione Standard	1.714
Asimmetria (Skewness)	0.188
Appuntimento (Kurtosis)	1.073
Mediana (Φ)	6.145
Moda (Φ)	6.000

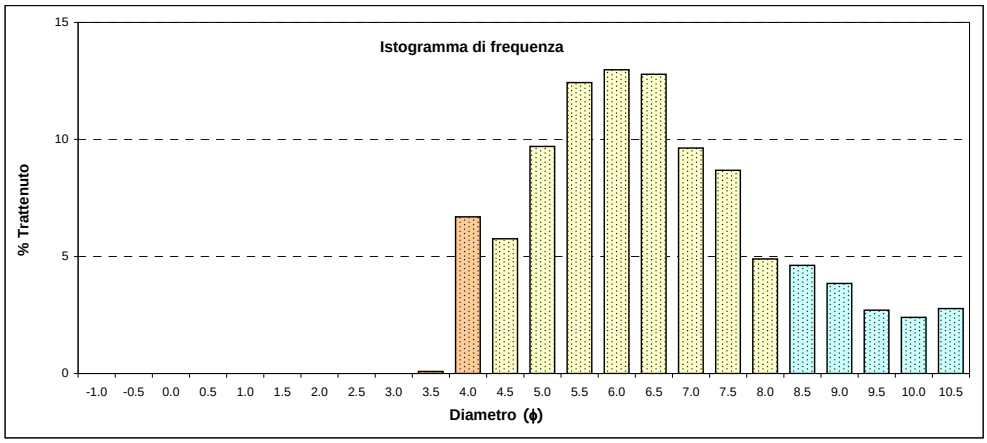
Percentili (Φ)	
5	3.871
16	4.740
25	5.173
50	6.145
75	7.368
84	8.113
95	9.620

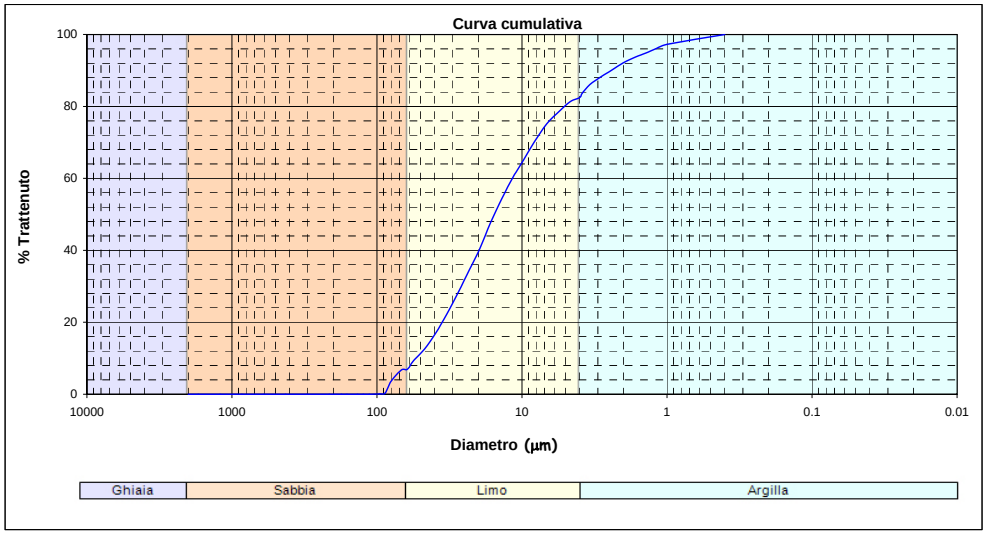
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.09%	0.09%
88.39	3.5		
88.39	3.5	0.27%	0.36%
87	3.523		
87	3.523	3.23%	3.59%
73	3.776		
73	3.776	3.19%	6.78%
62.5	4		
62.5	4	0.18%	6.96%
61	4.035		
61	4.035	2.36%	9.31%
51	4.293		
51	4.293	3.22%	12.53%
43	4.54		
43	4.54	4.35%	16.88%
36	4.796		
36	4.796	5.35%	22.23%
30	5.059		
30	5.059	6.09%	28.32%
25	5.322		
25	5.322	6.34%	34.66%
21	5.573		
21	5.573	5.88%	40.54%
18	5.796		
18	5.796	7.10%	47.64%
15	6.059		
15	6.059	6.82%	54.46%
12.5	6.322		
12.5	6.322	5.97%	60.43%
10.5	6.573		
10.5	6.573	4.72%	65.15%
9	6.796		
9	6.796	4.91%	70.06%
7.5	7.059		
7.5	7.059	5.13%	75.19%
6	7.381		
6	7.381	3.56%	78.75%
5	7.644		
5	7.644	2.58%	81.33%
4.3	7.861		
4.3	7.861	1.16%	82.49%
4	7.966		
4	7.966	1.16%	83.64%
3.7	8.078		
3.7	8.078	2.45%	86.09%
3.1	8.334		
3.1	8.334	2.18%	88.27%
2.6	8.587		
2.6	8.587	1.86%	90.13%
2.2	8.828		
2.2	8.828	1.99%	92.12%
1.8	9.118		
1.8	9.118	1.59%	93.71%
1.5	9.381		
1.5	9.381	1.12%	94.83%
1.3	9.587		
1.3	9.587	1.17%	96.00%
1.1	9.828		
1.1	9.828	1.23%	97.23%
0.9	10.118		
< 0,900	> 10,118	2.77%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 61**
Livello (cm)	**(50-75)**
Peso totale (g)	44.9
Frazione > 63 μm (%)	7.4
Frazione < 63 μm (%)	92.6

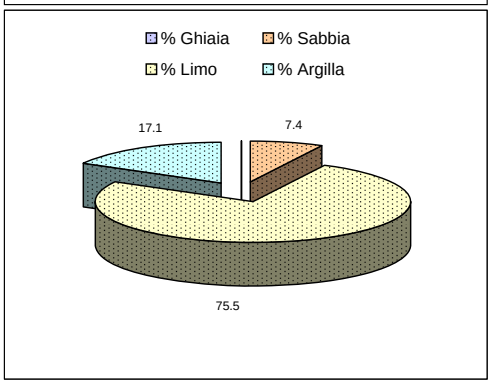
Frazione grossolana (> 63 μm) = 7.4	
% Ghiaia	**% Sabbia**
0.0	**7.4**

Frazione pelitica (< 63 μm) = 92.6	
% Limo	**% Argilla**
75.5	**17.1**

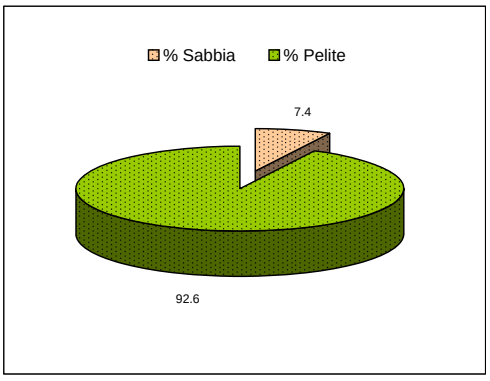
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.275
Deviazione Standard	1.723
Asimmetria (Skewness)	0.186
Appuntimento (Kurtosis)	1.065
Mediana (Φ)	6.094
Moda (Φ)	6.000

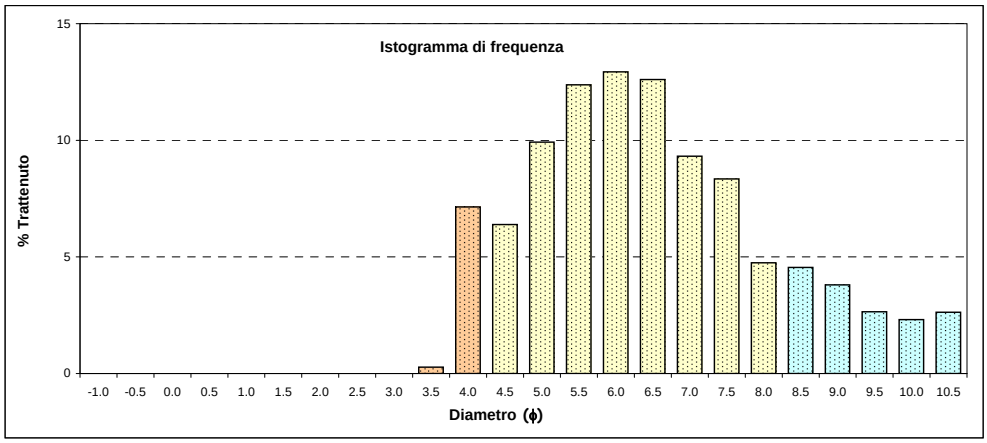
Percentili (Φ)	
5	3.838
16	4.658
25	5.110
50	6.094
75	7.318
84	8.072
95	9.575

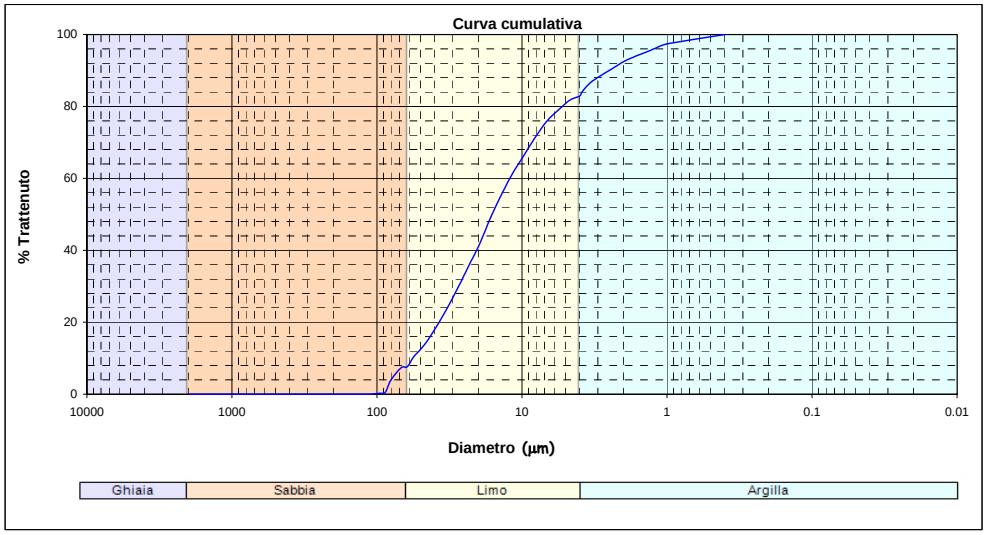
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.28%	0.28%
88.39	3.5		
88.39	3.5	0.28%	0.55%
87	3.523		
87	3.523	3.44%	4.00%
73	3.776		
73	3.776	3.42%	7.42%
62.5	4		
62.5	4	0.22%	7.64%
61	4.035		
61	4.035	2.69%	10.33%
51	4.293		
51	4.293	3.48%	13.81%
43	4.54		
43	4.54	4.51%	18.32%
36	4.796		
36	4.796	5.41%	23.73%
30	5.059		
30	5.059	6.07%	29.79%
25	5.322		
25	5.322	6.31%	36.10%
21	5.573		
21	5.573	5.86%	41.97%
18	5.796		
18	5.796	7.07%	49.04%
15	6.059		
15	6.059	6.75%	55.79%
12.5	6.322		
12.5	6.322	5.85%	61.64%
10.5	6.573		
10.5	6.573	4.58%	66.22%
9	6.796		
9	6.796	4.74%	70.96%
7.5	7.059		
7.5	7.059	4.92%	75.88%
6	7.381		
6	7.381	3.42%	79.30%
5	7.644		
5	7.644	2.50%	81.80%
4.3	7.861		
4.3	7.861	1.13%	82.93%
4	7.966		
4	7.966	1.13%	84.06%
3.7	8.078		
3.7	8.078	2.40%	86.46%
3.1	8.334		
3.1	8.334	2.15%	88.61%
2.6	8.587		
2.6	8.587	1.84%	90.45%
2.2	8.828		
2.2	8.828	1.96%	92.41%
1.8	9.118		
1.8	9.118	1.56%	93.97%
1.5	9.381		
1.5	9.381	1.09%	95.06%
1.3	9.587		
1.3	9.587	1.13%	96.19%
1.1	9.828		
1.1	9.828	1.18%	97.37%
0.9	10.118		
< 0,900	> 10,118	2.63%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 61
Livello (cm)	(75-100)
Peso totale (g)	27.5
Frazione > 63 μm (%)	4.9
Frazione < 63 μm (%)	95.1

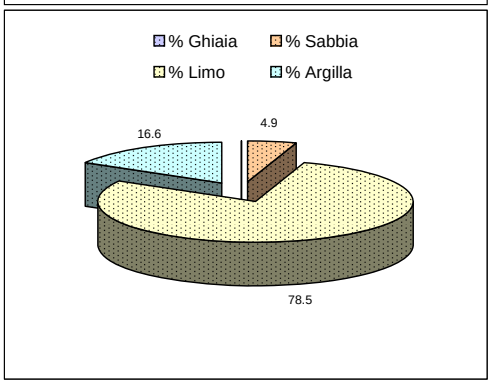
Frazione grossolana (> 63 μm) = 4.9	
% Ghiaia	% Sabbia
0.0	4.9

Frazione pelitica (< 63 μm) = 95.1	
% Limo	% Argilla
78.5	16.6

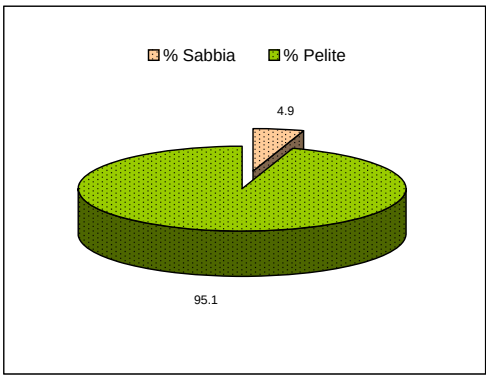
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.295
Deviazione Standard	1.647
Asimmetria (Skewness)	0.242
Appuntimento (Kurtosis)	1.107
Mediana (Φ)	6.057
Moda (Φ)	6.000

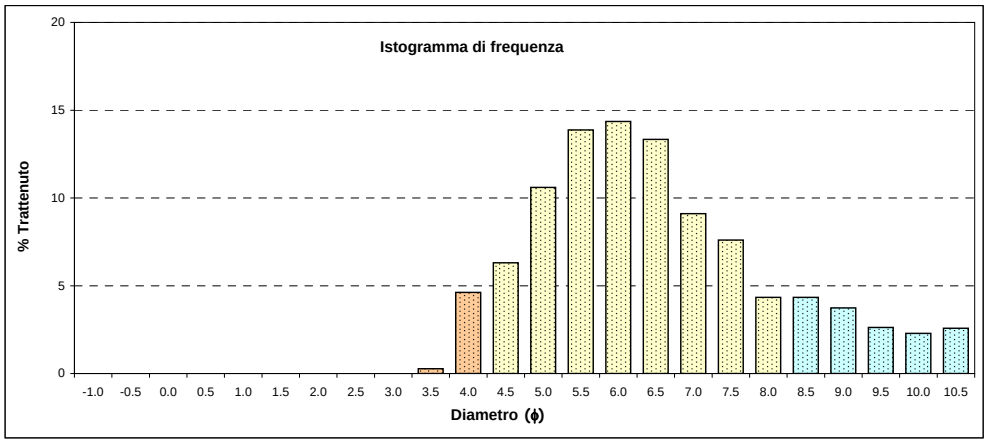
Percentili (Φ)	
5	4.018
16	4.799
25	5.177
50	6.057
75	7.229
84	8.030
95	9.559

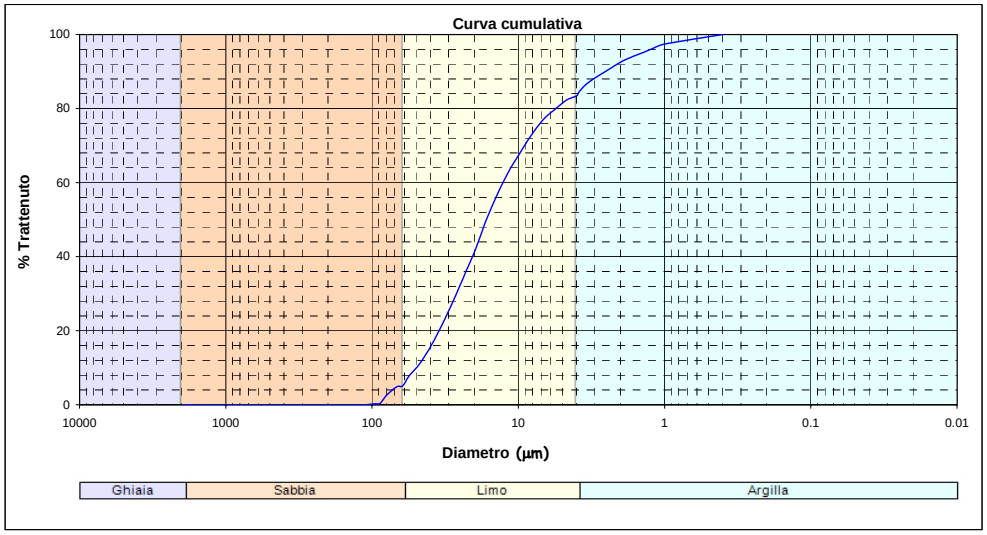
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.28%	0.28%
88.39	3.5		
88.39	3.5	0.15%	0.42%
87	3.523		
87	3.523	2.10%	2.53%
73	3.776		
73	3.776	2.37%	4.90%
62.5	4		
62.5	4	0.21%	5.10%
61	4.035		
61	4.035	2.61%	7.71%
51	4.293		
51	4.293	3.50%	11.21%
43	4.54		
43	4.54	4.72%	15.93%
36	4.796		
36	4.796	5.88%	21.81%
30	5.059		
30	5.059	6.77%	28.59%
25	5.322		
25	5.322	7.11%	35.69%
21	5.573		
21	5.573	6.57%	42.26%
18	5.796		
18	5.796	7.79%	50.05%
15	6.059		
15	6.059	7.25%	57.29%
12.5	6.322		
12.5	6.322	6.09%	63.38%
10.5	6.573		
10.5	6.573	4.58%	67.97%
9	6.796		
9	6.796	4.52%	72.49%
7.5	7.059		
7.5	7.059	4.51%	77.01%
6	7.381		
6	7.381	3.09%	80.09%
5	7.644		
5	7.644	2.27%	82.36%
4.3	7.861		
4.3	7.861	1.04%	83.40%
4	7.966		
4	7.966	1.04%	84.44%
3.7	8.078		
3.7	8.078	2.27%	86.71%
3.1	8.334		
3.1	8.334	2.07%	88.78%
2.6	8.587		
2.6	8.587	1.80%	90.57%
2.2	8.828		
2.2	8.828	1.94%	92.51%
1.8	9.118		
1.8	9.118	1.55%	94.06%
1.5	9.381		
1.5	9.381	1.08%	95.14%
1.3	9.587		
1.3	9.587	1.12%	96.26%
1.1	9.828		
1.1	9.828	1.16%	97.42%
0.9	10.118		
< 0,900	> 10,118	2.58%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 61**
Livello (cm)	**(100-125)**
Peso totale (g)	43.6
Frazione > 63 μm (%)	3.8
Frazione < 63 μm (%)	96.2

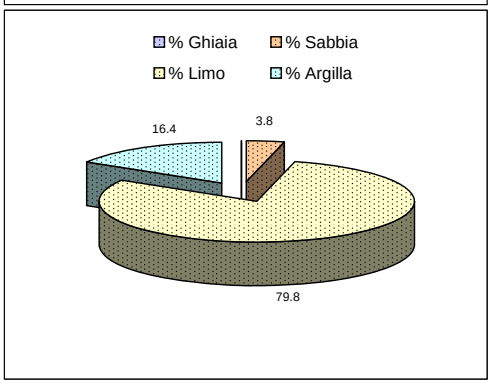
Frazione grossolana (> 63 μm) =	**3.8**
% Ghiaia	**% Sabbia**
0.0	**3.8**

Frazione pelitica (< 63 μm) =	**96.2**
% Limo	**% Argilla**
79.8	**16.4**

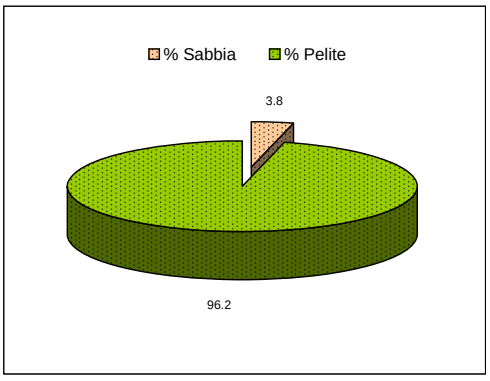
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.326
Deviazione Standard	1.599
Asimmetria (Skewness)	0.225
Appuntimento (Kurtosis)	1.063
Mediana (Φ)	6.125
Moda (Φ)	6.000

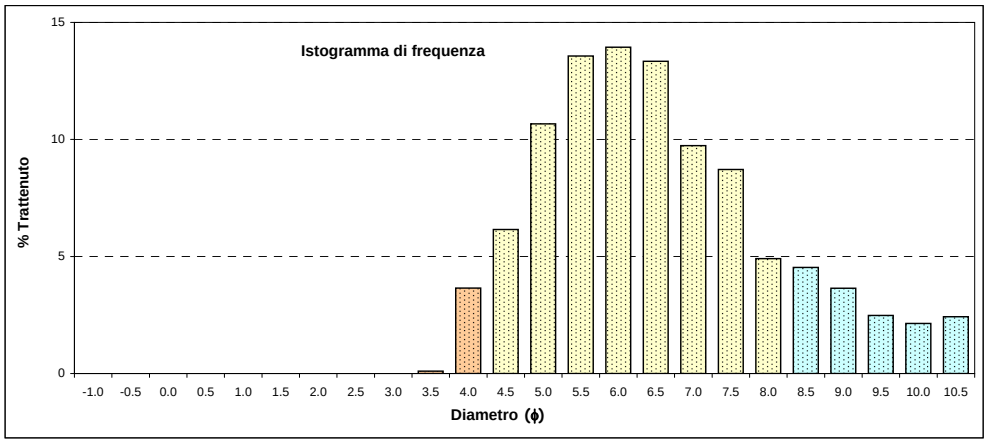
Percentili (Φ)	
5	4.141
16	4.851
25	5.228
50	6.125
75	7.293
84	8.002
95	9.496

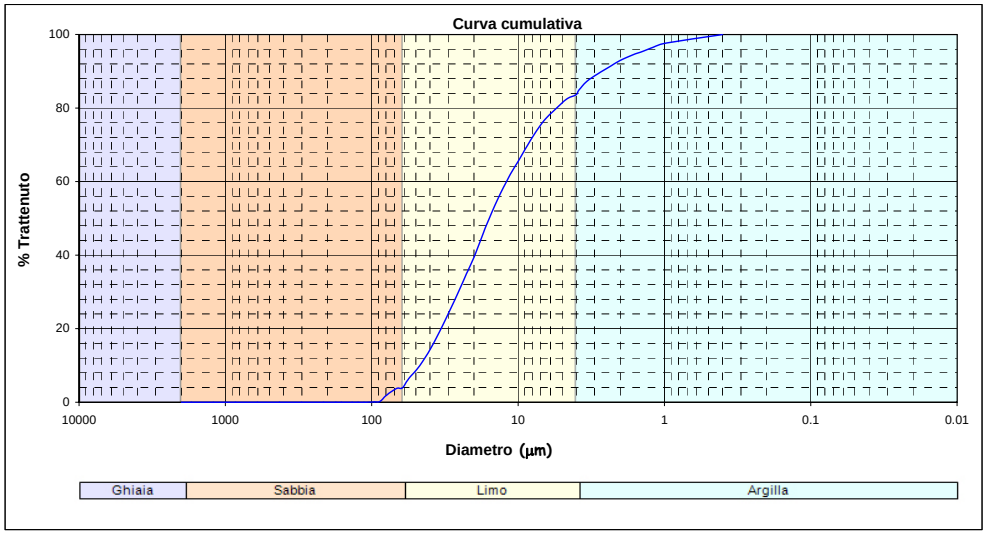
LIMO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.10%	0.10%
88.39	3.5		
88.39	3.5	0.11%	0.21%
87	3.523		
87	3.523	1.57%	1.78%
73	3.776		
73	3.776	1.97%	3.75%
62.5	4		
62.5	4	0.18%	3.93%
61	4.035		
61	4.035	2.49%	6.42%
51	4.293		
51	4.293	3.49%	9.91%
43	4.54		
43	4.54	4.77%	14.68%
36	4.796		
36	4.796	5.89%	20.57%
30	5.059		
30	5.059	6.67%	27.24%
25	5.322		
25	5.322	6.90%	34.14%
21	5.573		
21	5.573	6.36%	40.49%
18	5.796		
18	5.796	7.59%	48.08%
15	6.059		
15	6.059	7.17%	55.25%
12.5	6.322		
12.5	6.322	6.17%	61.41%
10.5	6.573		
10.5	6.573	4.80%	66.21%
9	6.796		
9	6.796	4.94%	71.15%
7.5	7.059		
7.5	7.059	5.14%	76.29%
6	7.381		
6	7.381	3.57%	79.87%
5	7.644		
5	7.644	2.60%	82.46%
4.3	7.861		
4.3	7.861	1.16%	83.62%
4	7.966		
4	7.966	1.16%	84.77%
3.7	8.078		
3.7	8.078	2.42%	87.19%
3.1	8.334		
3.1	8.334	2.12%	89.31%
2.6	8.587		
2.6	8.587	1.78%	91.08%
2.2	8.828		
2.2	8.828	1.87%	92.95%
1.8	9.118		
1.8	9.118	1.47%	94.42%
1.5	9.381		
1.5	9.381	1.01%	95.43%
1.3	9.587		
1.3	9.587	1.05%	96.48%
1.1	9.828		
1.1	9.828	1.09%	97.57%
0.9	10.118		
< 0,900	> 10,118	2.43%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 61
Livello (cm)	(125-150)
Peso totale (g)	26.8
Frazione > 63 μm (%)	4.6
Frazione < 63 μm (%)	95.4

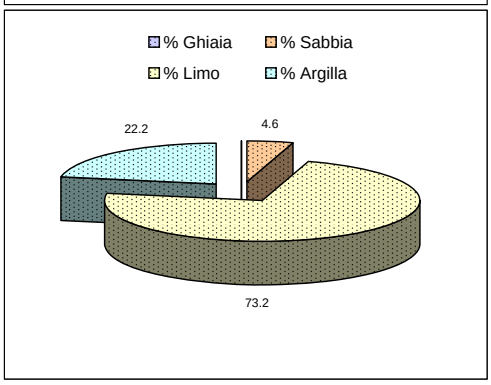
Frazione grossolana (> 63 μm) = 4.6	
% Ghiaia	% Sabbia
0.0	4.6

Frazione pelitica (< 63 μm) = 95.4	
% Limo	% Argilla
73.2	22.2

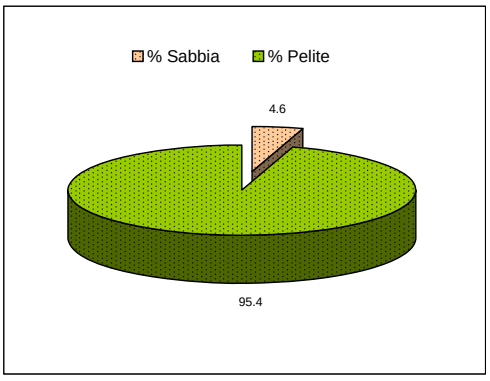
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.602
Deviazione Standard	1.759
Asimmetria (Skewness)	0.181
Appuntimento (Kurtosis)	0.986
Mediana (Φ)	6.397
Moda (Φ)	6.000

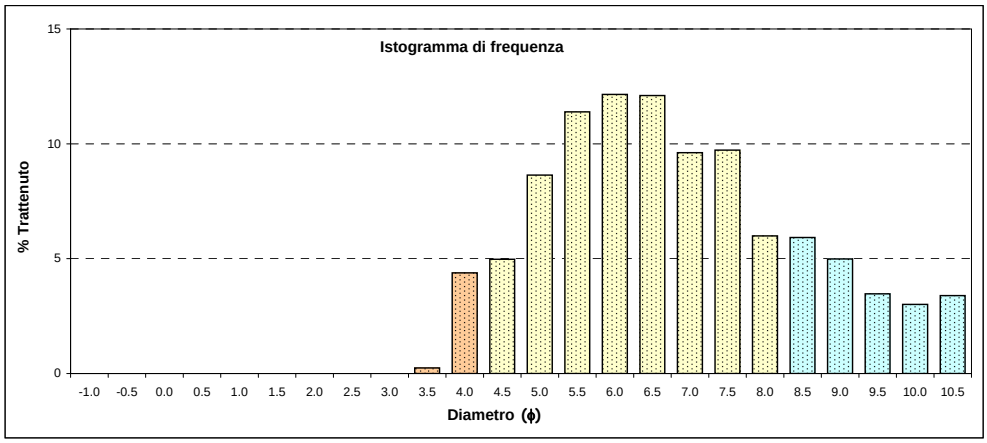
Percentili (Φ)	
5	4.061
16	4.930
25	5.371
50	6.397
75	7.763
84	8.478
95	9.815

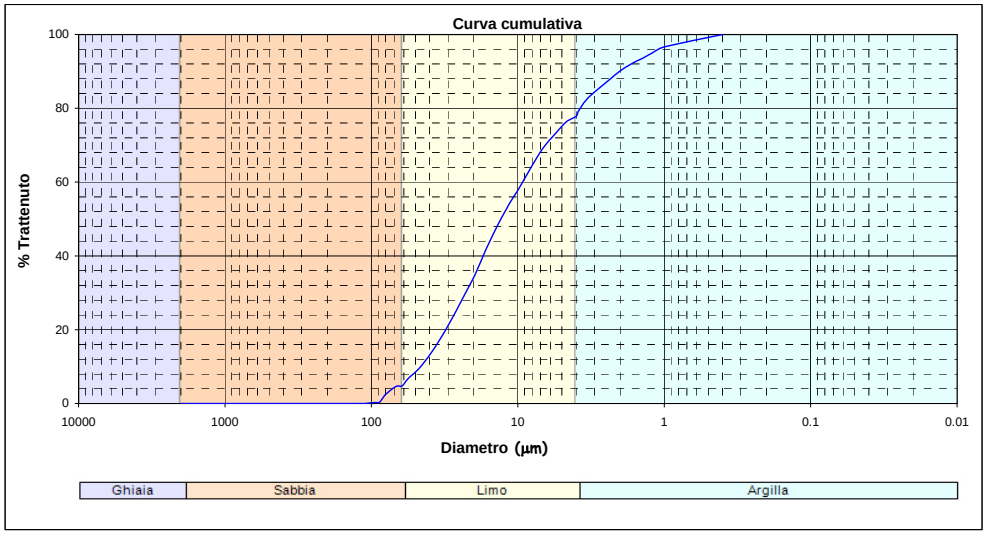
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.02%	0.02%
103	3.279		
103	3.279	0.23%	0.25%
88.39	3.5		
88.39	3.5	0.16%	0.41%
87	3.523		
87	3.523	2.07%	2.48%
73	3.776		
73	3.776	2.15%	4.63%
62.5	4		
62.5	4	0.15%	4.78%
61	4.035		
61	4.035	2.02%	6.80%
51	4.293		
51	4.293	2.80%	9.60%
43	4.54		
43	4.54	3.84%	13.44%
36	4.796		
36	4.796	4.80%	18.24%
30	5.059		
30	5.059	5.54%	23.78%
25	5.322		
25	5.322	5.85%	29.63%
21	5.573		
21	5.573	5.49%	35.12%
18	5.796		
18	5.796	6.67%	41.78%
15	6.059		
15	6.059	6.43%	48.21%
12.5	6.322		
12.5	6.322	5.68%	53.89%
10.5	6.573		
10.5	6.573	4.59%	58.48%
9	6.796		
9	6.796	5.02%	63.50%
7.5	7.059		
7.5	7.059	5.61%	69.11%
6	7.381		
6	7.381	4.12%	73.23%
5	7.644		
5	7.644	3.12%	76.35%
4.3	7.861		
4.3	7.861	1.44%	77.79%
4	7.966		
4	7.966	1.44%	79.22%
3.7	8.078		
3.7	8.078	3.11%	82.34%
3.1	8.334		
3.1	8.334	2.81%	85.14%
2.6	8.587		
2.6	8.587	2.41%	87.55%
2.2	8.828		
2.2	8.828	2.58%	90.13%
1.8	9.118		
1.8	9.118	2.05%	92.18%
1.5	9.381		
1.5	9.381	1.42%	93.60%
1.3	9.587		
1.3	9.587	1.48%	95.08%
1.1	9.828		
1.1	9.828	1.53%	96.61%
0.9	10.118		
< 0,900	> 10,118	3.39%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 61**
Livello (cm)	**(150-175)**
Peso totale (g)	37.4
Frazione > 63 μm (%)	6.8
Frazione < 63 μm (%)	93.2

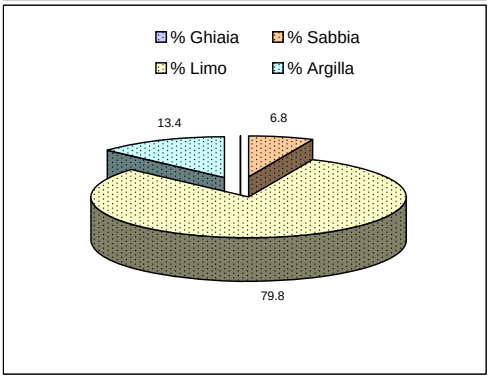
Frazione grossolana (> 63 μm) =	**6.8**
% Ghiaia	**% Sabbia**
0.0	**6.8**

Frazione pelitica (< 63 μm) =	**93.2**
% Limo	**% Argilla**
79.8	**13.4**

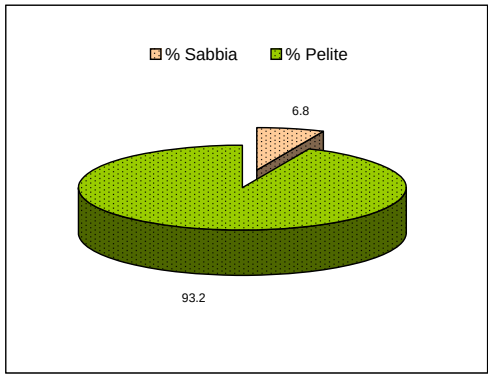
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.073
Deviazione Standard	1.588
Asimmetria (Skewness)	0.195
Appuntimento (Kurtosis)	1.043
Mediana (Φ)	5.907
Moda (Φ)	5.500

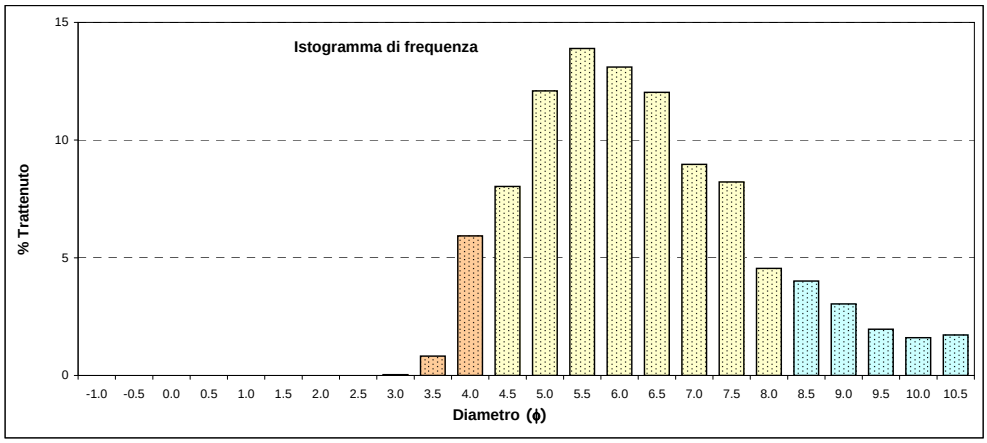
Percentili (Φ)	
5	3.864
16	4.590
25	4.977
50	5.907
75	7.066
84	7.720
95	9.179

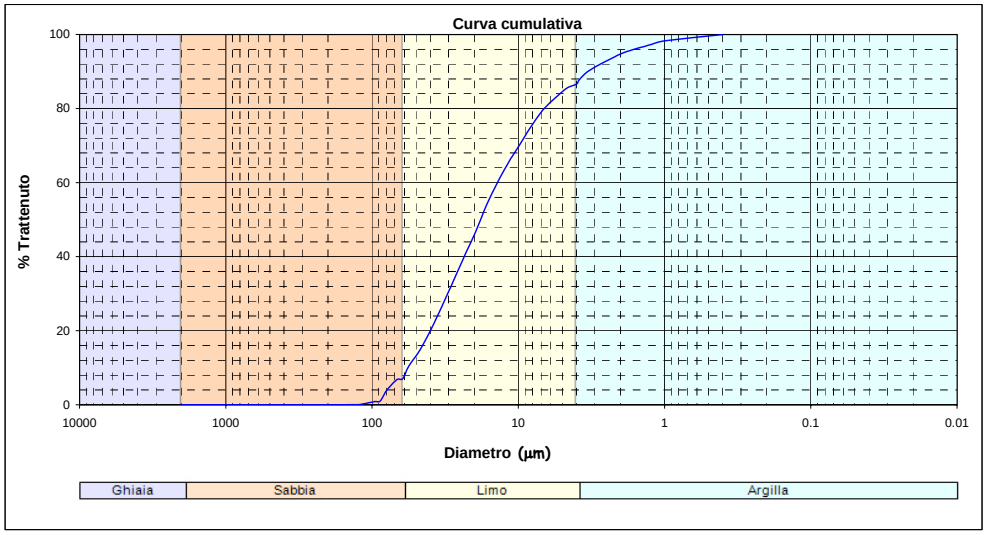
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.03%	0.03%
125	3		
125	3	0.00%	0.04%
123	3.023		
123	3.023	0.27%	0.30%
103	3.279		
103	3.279	0.55%	0.85%
88.39	3.5		
88.39	3.5	0.20%	1.05%
87	3.523		
87	3.523	2.70%	3.75%
73	3.776		
73	3.776	3.03%	6.78%
62.5	4		
62.5	4	0.27%	7.06%
61	4.035		
61	4.035	3.39%	10.45%
51	4.293		
51	4.293	4.37%	14.81%
43	4.54		
43	4.54	5.58%	20.39%
36	4.796		
36	4.796	6.50%	26.90%
30	5.059		
30	5.059	6.99%	33.89%
25	5.322		
25	5.322	6.90%	40.79%
21	5.573		
21	5.573	6.09%	46.89%
18	5.796		
18	5.796	7.01%	53.89%
15	6.059		
15	6.059	6.48%	60.37%
12.5	6.322		
12.5	6.322	5.55%	65.92%
10.5	6.573		
10.5	6.573	4.37%	70.29%
9	6.796		
9	6.796	4.60%	74.89%
7.5	7.059		
7.5	7.059	4.85%	79.74%
6	7.381		
6	7.381	3.37%	83.11%
5	7.644		
5	7.644	2.42%	85.53%
4.3	7.861		
4.3	7.861	1.06%	86.59%
4	7.966		
4	7.966	1.06%	87.65%
3.7	8.078		
3.7	8.078	2.17%	89.82%
3.1	8.334		
3.1	8.334	1.85%	91.67%
2.6	8.587		
2.6	8.587	1.51%	93.17%
2.2	8.828		
2.2	8.828	1.54%	94.71%
1.8	9.118		
1.8	9.118	1.17%	95.88%
1.5	9.381		
1.5	9.381	0.79%	96.67%
1.3	9.587		
1.3	9.587	0.80%	97.47%
1.1	9.828		
1.1	9.828	0.81%	98.28%
0.9	10.118		
< 0,900	> 10,118	1.72%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 61
Livello (cm)	(175-200)
Peso totale (g)	37.8
Frazione > 63 μm (%)	8.5
Frazione < 63 μm (%)	91.5

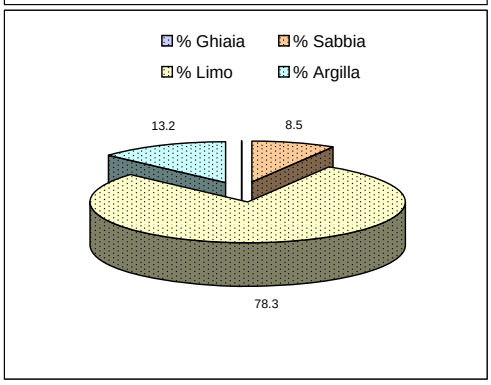
Frazione grossolana (> 63 μm) = 8.5	
% Ghiaia	% Sabbia
0.0	8.5

Frazione pelitica (< 63 μm) = 91.5	
% Limo	% Argilla
78.3	13.2

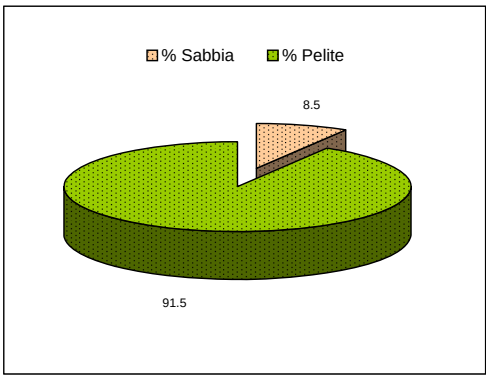
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.007
Deviazione Standard	1.619
Asimmetria (Skewness)	0.199
Appuntimento (Kurtosis)	1.032
Mediana (Φ)	5.838
Moda (Φ)	5.500

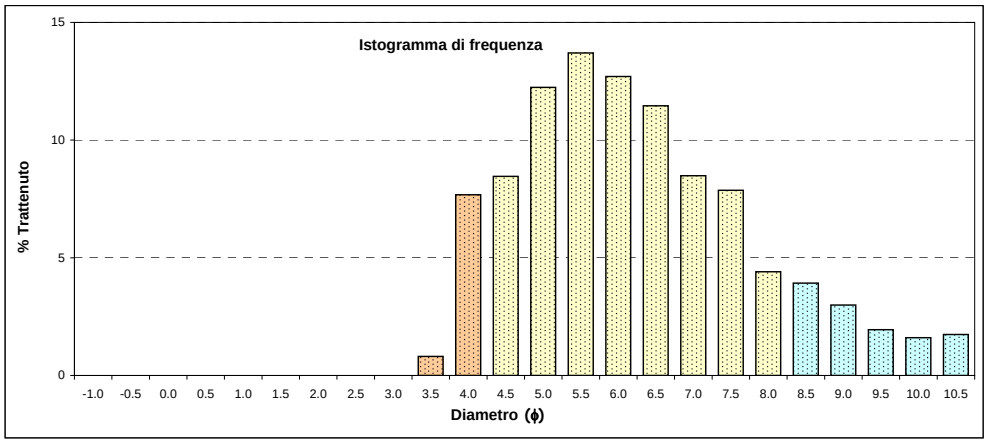
Percentili (Φ)	
5	3.793
16	4.485
25	4.885
50	5.838
75	7.025
84	7.698
95	9.180

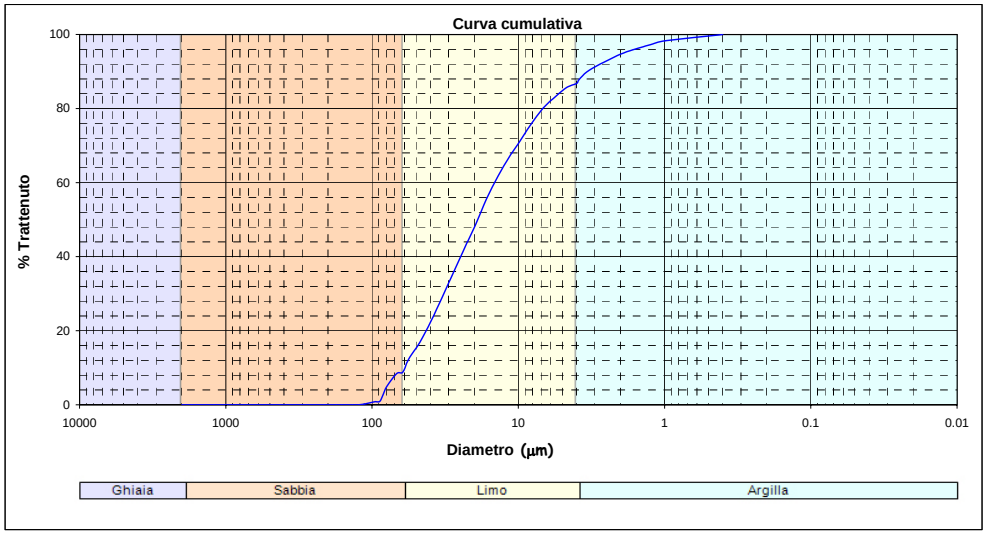
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.22%	0.22%
103	3.279		
103	3.279	0.59%	0.81%
88.39	3.5		
88.39	3.5	0.28%	1.09%
87	3.523		
87	3.523	3.61%	4.69%
73	3.776		
73	3.776	3.79%	8.49%
62.5	4		
62.5	4	0.30%	8.79%
61	4.035		
61	4.035	3.61%	12.40%
51	4.293		
51	4.293	4.55%	16.94%
43	4.54		
43	4.54	5.70%	22.65%
36	4.796		
36	4.796	6.54%	29.18%
30	5.059		
30	5.059	6.93%	36.11%
25	5.322		
25	5.322	6.77%	42.88%
21	5.573		
21	5.573	5.94%	48.82%
18	5.796		
18	5.796	6.77%	55.58%
15	6.059		
15	6.059	6.19%	61.78%
12.5	6.322		
12.5	6.322	5.26%	67.04%
10.5	6.573		
10.5	6.573	4.13%	71.17%
9	6.796		
9	6.796	4.35%	75.52%
7.5	7.059		
7.5	7.059	4.63%	80.15%
6	7.381		
6	7.381	3.24%	83.39%
5	7.644		
5	7.644	2.34%	85.73%
4.3	7.861		
4.3	7.861	1.03%	86.76%
4	7.966		
4	7.966	1.03%	87.79%
3.7	8.078		
3.7	8.078	2.11%	89.90%
3.1	8.334		
3.1	8.334	1.81%	91.71%
2.6	8.587		
2.6	8.587	1.48%	93.19%
2.2	8.828		
2.2	8.828	1.52%	94.71%
1.8	9.118		
1.8	9.118	1.16%	95.87%
1.5	9.381		
1.5	9.381	0.79%	96.65%
1.3	9.587		
1.3	9.587	0.80%	97.45%
1.1	9.828		
1.1	9.828	0.81%	98.26%
0.9	10.118		
< 0,900	> 10,118	1.74%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 62**
Livello (cm)	**(0-25)**
Peso totale (g)	167.8
Frazione > 63 µm (%)	98.6
Frazione < 63 µm (%)	1.4

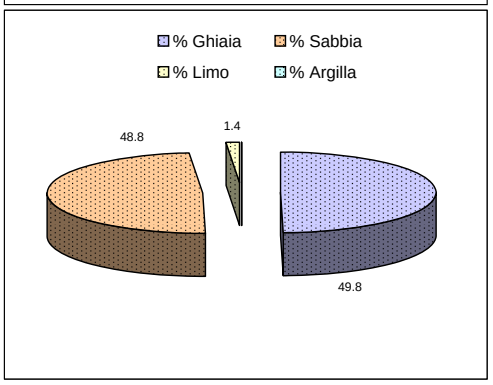
Frazione grossolana (> 63 µm) =	**98.6**
% Ghiaia	**% Sabbia**
49.8	**48.8**

Frazione pelitica (< 63 µm) =	**1.4**
% Limo	**% Argilla**
1.4	**0.0**

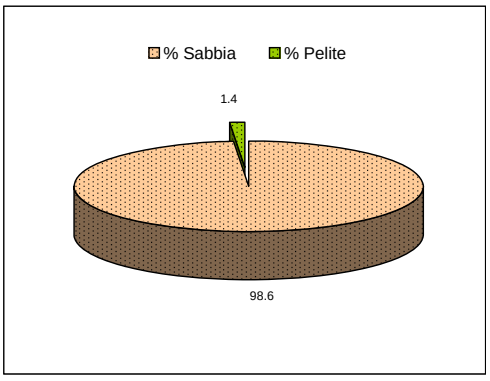
Parametri statistici (Folk & Ward***)	
Media (Φ)	-0.495
Deviazione Standard	1.507
Asimmetria (Skewness)	0.214
Appuntimento (Kurtosis)	0.672
Mediana (Φ)	-0.988
Moda (Φ)	-1.000

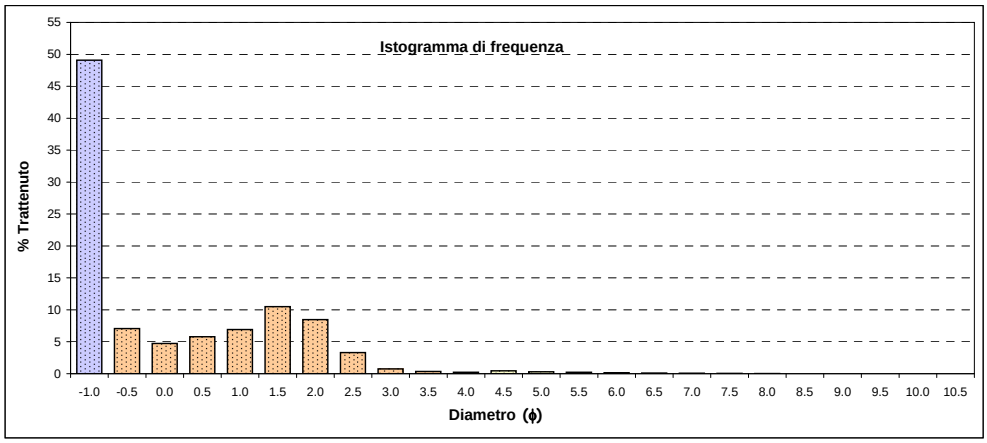
Percentili (Φ)	
5	-2.263
16	-1.926
25	-1.678
50	-0.988
75	1.014
84	1.429
95	2.148

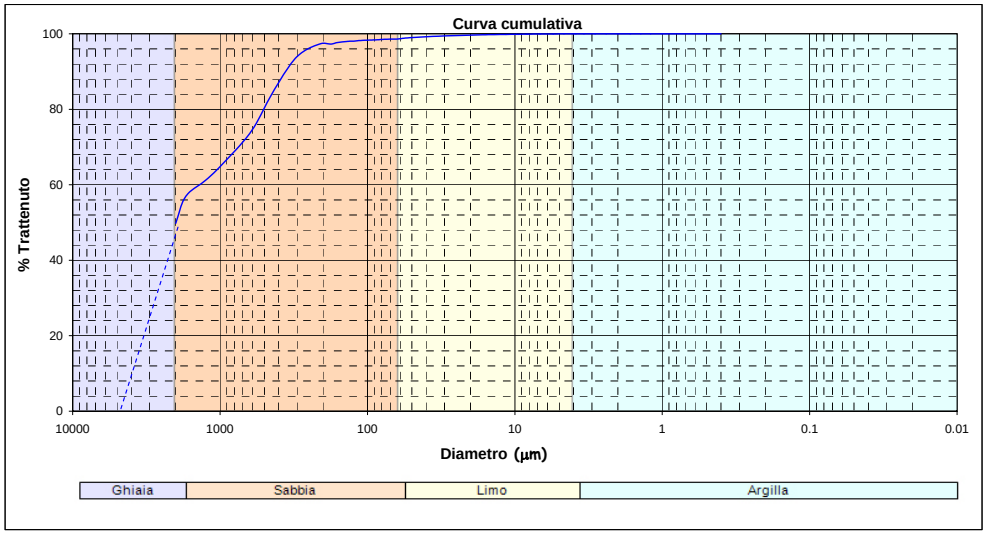
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	49.09%	49.79%
2000	-1	7.08%	56.97%
1414.21	-0.5		
1414.21	-0.5	4.73%	61.77%
1000	0		
1000	0	5.79%	67.64%
707.11	0.5		
707.11	0.5	6.91%	74.64%
500	1		
500	1	10.51%	85.30%
353.55	1.5		
353.55	1.5	8.46%	93.88%
250	2		
250	2	3.31%	97.24%
176.78	2.5		
176.78	2.5	0.03%	97.27%
175	2.515		
175	2.515	0.41%	97.69%
147	2.766		
147	2.766	0.32%	98.02%
125	3		
125	3	0.02%	98.04%
123	3.023		
123	3.023	0.19%	98.23%
103	3.279		
103	3.279	0.14%	98.36%
88.39	3.5		
88.39	3.5	0.01%	98.38%
87	3.523		
87	3.523	0.12%	98.50%
73	3.776		
73	3.776	0.09%	98.59%
62.5	4		
62.5	4	0.04%	98.63%
61	4.035		
61	4.035	0.24%	98.87%
51	4.293		
51	4.293	0.19%	99.06%
43	4.54		
43	4.54	0.17%	99.23%
36	4.796		
36	4.796	0.14%	99.37%
30	5.059		
30	5.059	0.12%	99.49%
25	5.322		
25	5.322	0.10%	99.59%
21	5.573		
21	5.573	0.07%	99.66%
18	5.796		
18	5.796	0.07%	99.73%
15	6.059		
15	6.059	0.06%	99.80%
12.5	6.322		
12.5	6.322	0.05%	99.84%
10.5	6.573		
10.5	6.573	0.04%	99.88%
9	6.796		
9	6.796	0.04%	99.92%
7.5	7.059		
7.5	7.059	0.04%	99.95%
6	7.381		
6	7.381	0.02%	99.98%
5	7.644		
5	7.644	0.02%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 62**
Livello (cm)	**(25-50)**
Peso totale (g)	103.8
Frazione > 63 μm (%)	98.9
Frazione < 63 μm (%)	1.1

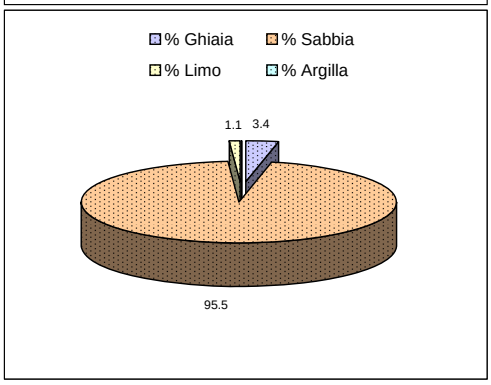
Frazione grossolana (> 63 μm) = 98.9	
% Ghiaia	**% Sabbia**
3.4	**95.5**

Frazione pelitica (< 63 μm) = 1.1	
% Limo	**% Argilla**
1.1	**0.0**

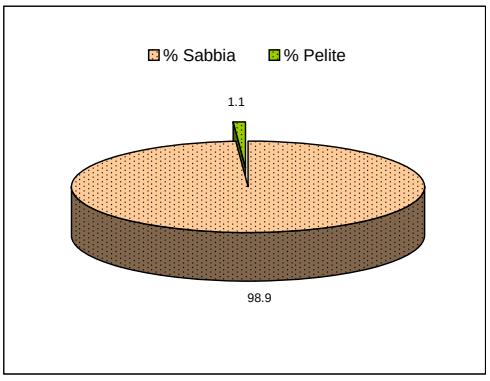
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.843
Deviazione Standard	0.691
Asimmetria (Skewness)	-0.259
Appuntimento (Kurtosis)	1.566
Mediana (Φ)	1.900
Moda (Φ)	2.500

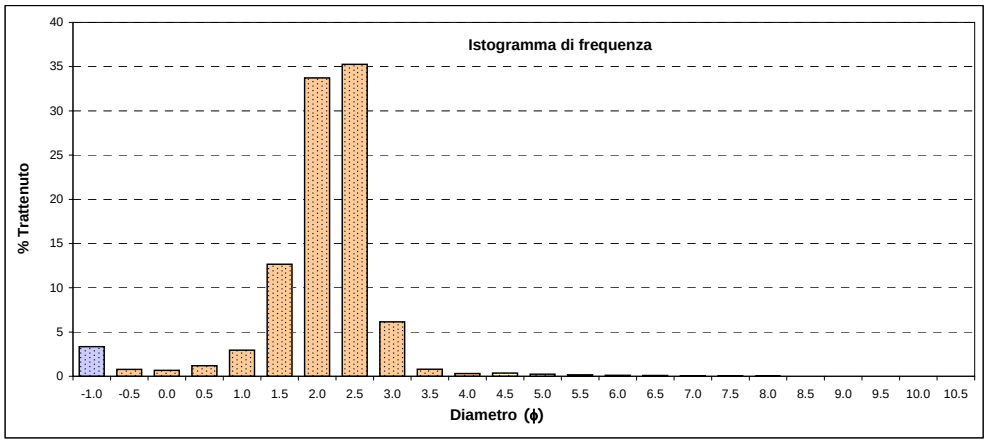
Percentili (Φ)	
5	0.055
16	1.250
25	1.540
50	1.900
75	2.246
84	2.378
95	2.753

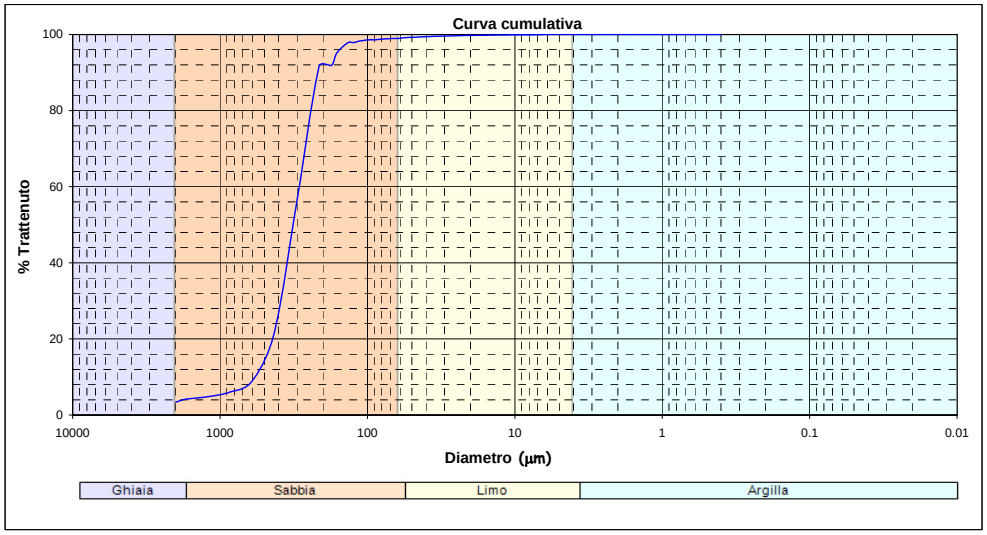
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	3.35%	3.39%
2000	-1	0.77%	4.17%
1414.21	-0.5		
1414.21	-0.5	0.67%	4.85%
1000	0		
1000	0	1.20%	6.06%
707.11	0.5		
707.11	0.5	2.95%	9.04%
500	1		
500	1	12.67%	21.84%
353.55	1.5		
353.55	1.5	33.72%	55.93%
250	2		
250	2	35.26%	91.58%
176.78	2.5		
176.78	2.5	0.21%	91.79%
175	2.515		
175	2.515	3.33%	95.16%
147	2.766		
147	2.766	2.62%	97.80%
125	3		
125	3	0.04%	97.84%
123	3.023		
123	3.023	0.44%	98.29%
103	3.279		
103	3.279	0.32%	98.61%
88.39	3.5		
88.39	3.5	0.02%	98.63%
87	3.523		
87	3.523	0.17%	98.80%
73	3.776		
73	3.776	0.13%	98.93%
62.5	4		
62.5	4	0.03%	98.96%
61	4.035		
61	4.035	0.18%	99.14%
51	4.293		
51	4.293	0.14%	99.29%
43	4.54		
43	4.54	0.13%	99.41%
36	4.796		
36	4.796	0.11%	99.52%
30	5.059		
30	5.059	0.09%	99.62%
25	5.322		
25	5.322	0.07%	99.69%
21	5.573		
21	5.573	0.05%	99.74%
18	5.796		
18	5.796	0.05%	99.80%
15	6.059		
15	6.059	0.05%	99.84%
12.5	6.322		
12.5	6.322	0.04%	99.88%
10.5	6.573		
10.5	6.573	0.03%	99.91%
9	6.796		
9	6.796	0.03%	99.94%
7.5	7.059		
7.5	7.059	0.03%	99.96%
6	7.381		
6	7.381	0.02%	99.98%
5	7.644		
5	7.644	0.01%	99.99%
4.3	7.861		
4.3	7.861	0.01%	100.00%
4	7.966		
4	7.966	0.00%	100.00%
3.7	8.078		
3.7	8.078	0.00%	100.00%
3.1	8.334		
3.1	8.334	0.00%	100.00%
2.6	8.587		
2.6	8.587	0.00%	100.00%
2.2	8.828		
2.2	8.828	0.00%	100.00%
1.8	9.118		
1.8	9.118	0.00%	100.00%
1.5	9.381		
1.5	9.381	0.00%	100.00%
1.3	9.587		
1.3	9.587	0.00%	100.00%
1.1	9.828		
1.1	9.828	0.00%	100.00%
0.9	10.118		
< 0,900	> 10,118	0.00%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 62**
Livello (cm)	**(50-75)**
Peso totale (g)	89.7
Frazione > 63 μm (%)	95.1
Frazione < 63 μm (%)	4.9

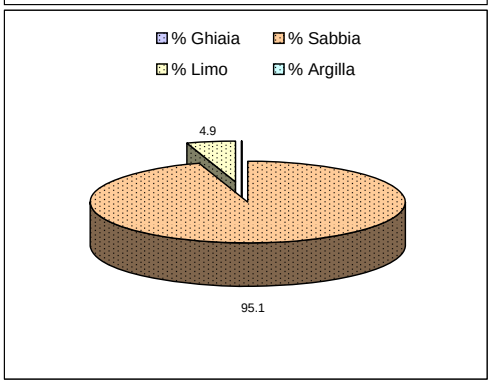
Frazione grossolana (> 63 μm) = 95.1	
% Ghiaia	**% Sabbia**
0.0	**95.1**

Frazione pelitica (< 63 μm) = 4.9	
% Limo	**% Argilla**
4.9	**0.0**

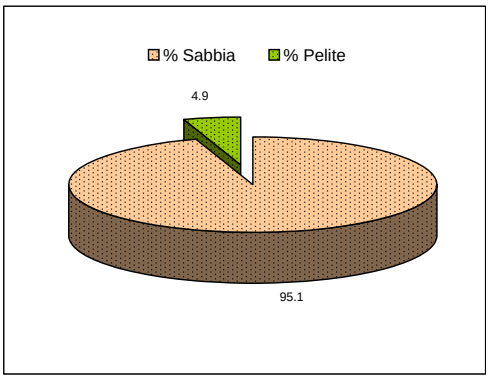
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.259
Deviazione Standard	0.596
Asimmetria (Skewness)	0.234
Appuntimento (Kurtosis)	1.994
Mediana (Φ)	2.236
Moda (Φ)	2.500

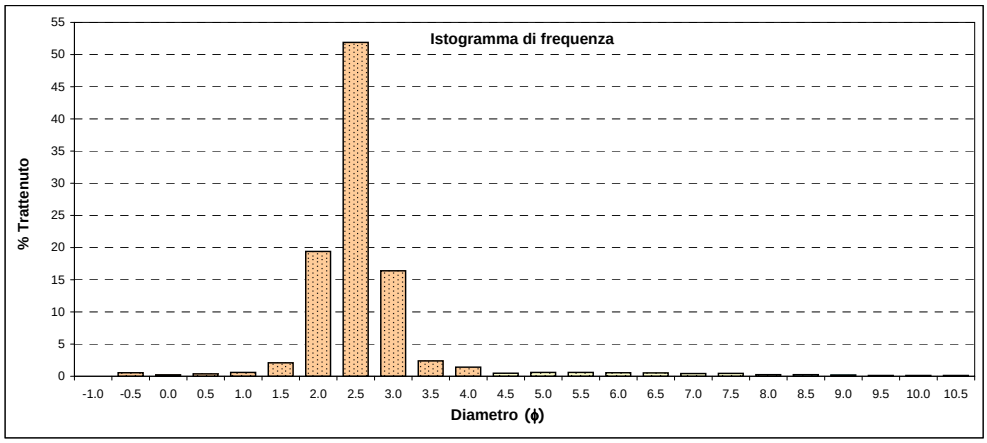
Percentili (Φ)	
5	1.526
16	1.793
25	2.014
50	2.236
75	2.498
84	2.749
95	3.881

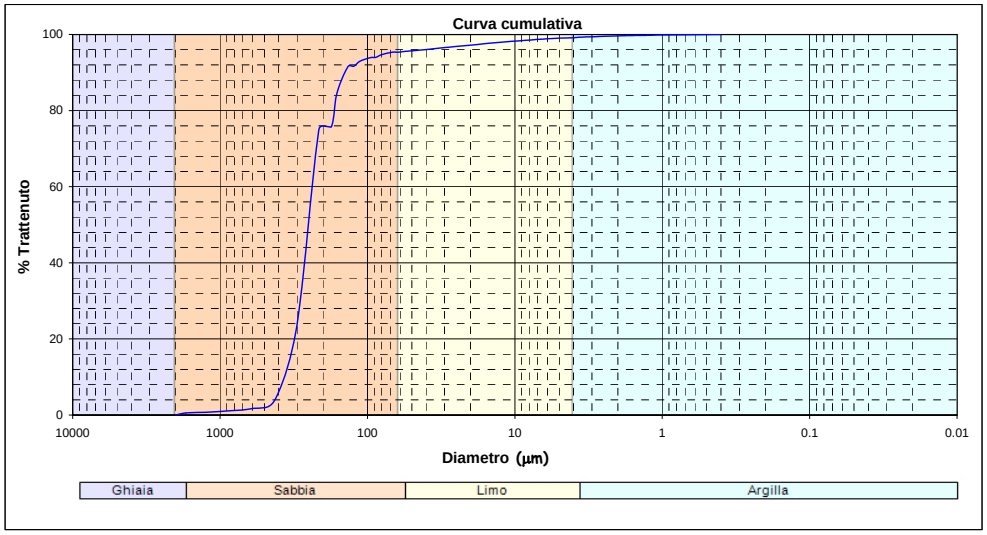
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.55%	0.55%
1414.21	-0.5		
1414.21	-0.5	0.21%	0.76%
1000	0		
1000	0	0.38%	1.14%
707.11	0.5		
707.11	0.5	0.60%	1.74%
500	1		
500	1	2.10%	3.83%
353.55	1.5		
353.55	1.5	19.40%	23.24%
250	2		
250	2	51.89%	75.13%
176.78	2.5		
176.78	2.5	0.56%	75.69%
175	2.515		
175	2.515	8.86%	84.56%
147	2.766		
147	2.766	6.96%	91.52%
125	3		
125	3	0.13%	91.65%
123	3.023		
123	3.023	1.29%	92.94%
103	3.279		
103	3.279	0.96%	93.90%
88.39	3.5		
88.39	3.5	0.07%	93.97%
87	3.523		
87	3.523	0.73%	94.70%
73	3.776		
73	3.776	0.61%	95.31%
62.5	4		
62.5	4	0.02%	95.33%
61	4.035		
61	4.035	0.20%	95.53%
51	4.293		
51	4.293	0.24%	95.78%
43	4.54		
43	4.54	0.28%	96.06%
36	4.796		
36	4.796	0.31%	96.36%
30	5.059		
30	5.059	0.31%	96.67%
25	5.322		
25	5.322	0.29%	96.97%
21	5.573		
21	5.573	0.26%	97.23%
18	5.796		
18	5.796	0.30%	97.52%
15	6.059		
15	6.059	0.28%	97.80%
12.5	6.322		
12.5	6.322	0.25%	98.05%
10.5	6.573		
10.5	6.573	0.21%	98.26%
9	6.796		
9	6.796	0.23%	98.49%
7.5	7.059		
7.5	7.059	0.26%	98.74%
6	7.381		
6	7.381	0.19%	98.93%
5	7.644		
5	7.644	0.14%	99.07%
4.3	7.861		
4.3	7.861	0.06%	99.13%
4	7.966		
4	7.966	0.06%	99.19%
3.7	8.078		
3.7	8.078	0.13%	99.32%
3.1	8.334		
3.1	8.334	0.11%	99.43%
2.6	8.587		
2.6	8.587	0.09%	99.52%
2.2	8.828		
2.2	8.828	0.10%	99.62%
1.8	9.118		
1.8	9.118	0.08%	99.70%
1.5	9.381		
1.5	9.381	0.05%	99.75%
1.3	9.587		
1.3	9.587	0.06%	99.81%
1.1	9.828		
1.1	9.828	0.06%	99.87%
0.9	10.118		
< 0,900	> 10,118	0.13%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 62
Livello (cm)	(75-100)
Peso totale (g)	
Frazione > 63 μm (%)	40.8
Frazione < 63 μm (%)	59.2

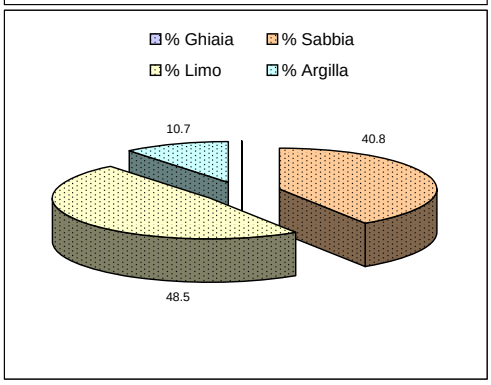
Frazione grossolana (> 63 μm) = 40.8	
% Ghiaia	% Sabbia
0.0	40.8

Frazione pelitica (< 63 μm) = 59.2	
% Limo	% Argilla
48.5	10.7

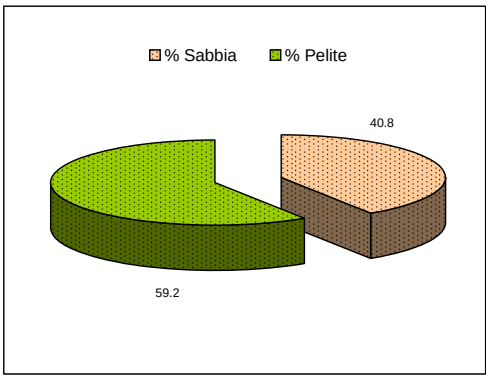
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.831
Deviazione Standard	2.319
Asimmetria (Skewness)	0.100
Appuntimento (Kurtosis)	0.828
Mediana (Φ)	4.794
Moda (Φ)	2.500

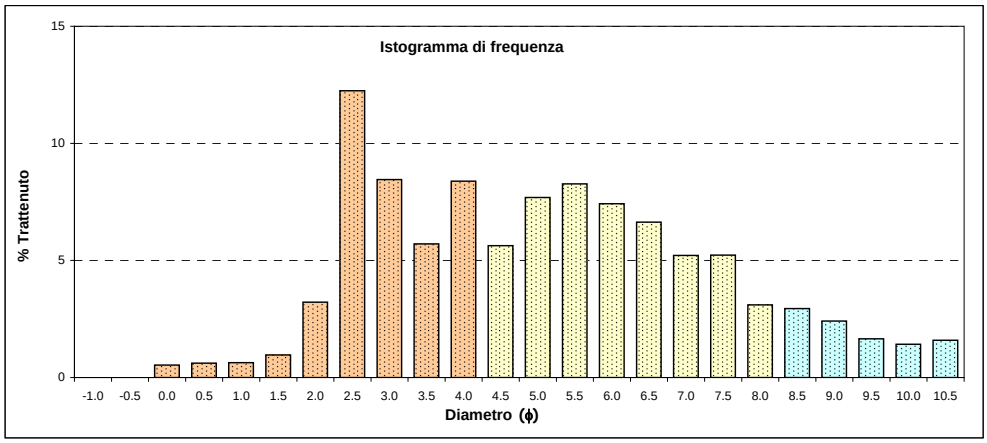
Percentili (Φ)	
5	1.830
16	2.396
25	2.886
50	4.794
75	6.452
84	7.304
95	9.036

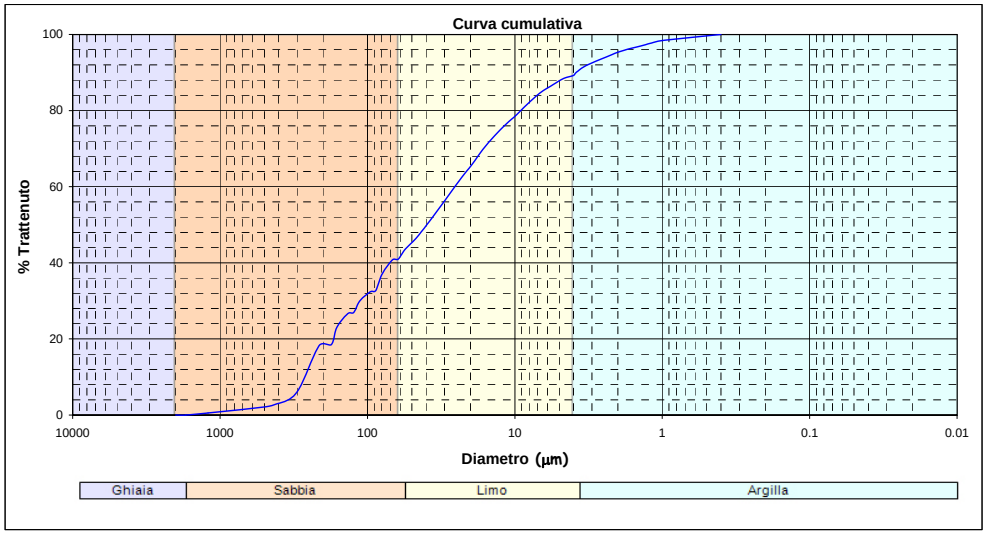
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.53%	0.53%
1000	0		
1000	0	0.62%	1.15%
707.11	0.5		
707.11	0.5	0.64%	1.79%
500	1		
500	1	0.96%	2.75%
353.55	1.5		
353.55	1.5	3.22%	5.97%
250	2		
250	2	12.25%	18.22%
176.78	2.5		
176.78	2.5	0.29%	18.51%
175	2.515		
175	2.515	4.57%	23.08%
147	2.766		
147	2.766	3.59%	26.67%
125	3		
125	3	0.30%	26.97%
123	3.023		
123	3.023	2.96%	29.93%
103	3.279		
103	3.279	2.45%	32.38%
88.39	3.5		
88.39	3.5	0.35%	32.73%
87	3.523		
87	3.523	4.15%	36.88%
73	3.776		
73	3.776	3.89%	40.77%
62.5	4		
62.5	4	0.21%	40.97%
61	4.035		
61	4.035	2.44%	43.41%
51	4.293		
51	4.293	2.99%	46.40%
43	4.54		
43	4.54	3.63%	50.03%
36	4.796		
36	4.796	4.05%	54.08%
30	5.059		
30	5.059	4.21%	58.30%
25	5.322		
25	5.322	4.06%	62.35%
21	5.573		
21	5.573	3.50%	65.85%
18	5.796		
18	5.796	3.92%	69.78%
15	6.059		
15	6.059	3.57%	73.34%
12.5	6.322		
12.5	6.322	3.07%	76.41%
10.5	6.573		
10.5	6.573	2.48%	78.90%
9	6.796		
9	6.796	2.73%	81.63%
7.5	7.059		
7.5	7.059	3.03%	84.66%
6	7.381		
6	7.381	2.19%	86.86%
5	7.644		
5	7.644	1.63%	88.49%
4.3	7.861		
4.3	7.861	0.74%	89.22%
4	7.966		
4	7.966	0.74%	89.96%
3.7	8.078		
3.7	8.078	1.56%	91.52%
3.1	8.334		
3.1	8.334	1.39%	92.91%
2.6	8.587		
2.6	8.587	1.17%	94.08%
2.2	8.828		
2.2	8.828	1.24%	95.33%
1.8	9.118		
1.8	9.118	0.98%	96.30%
1.5	9.381		
1.5	9.381	0.68%	96.98%
1.3	9.587		
1.3	9.587	0.70%	97.68%
1.1	9.828		
1.1	9.828	0.72%	98.40%
0.9	10.118		
< 0,900	> 10,118	1.60%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(0-25)
Peso totale (g)	26.4
Frazione > 63 μm (%)	8.9
Frazione < 63 μm (%)	91.1

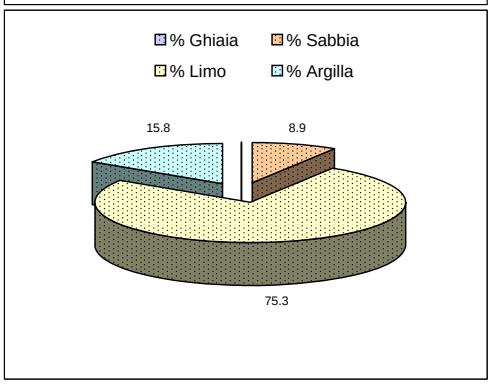
Frazione grossolana (> 63 μm) = 8.9	
% Ghiaia	% Sabbia
0.0	8.9

Frazione pelitica (< 63 μm) = 91.1	
% Limo	% Argilla
75.3	15.8

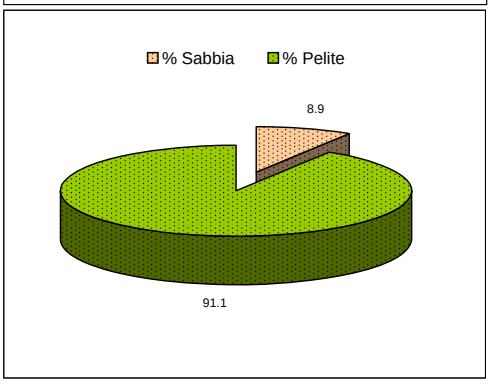
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.177
Deviazione Standard	1.736
Asimmetria (Skewness)	0.177
Appuntimento (Kurtosis)	1.128
Mediana (Φ)	5.995
Moda (Φ)	6.000

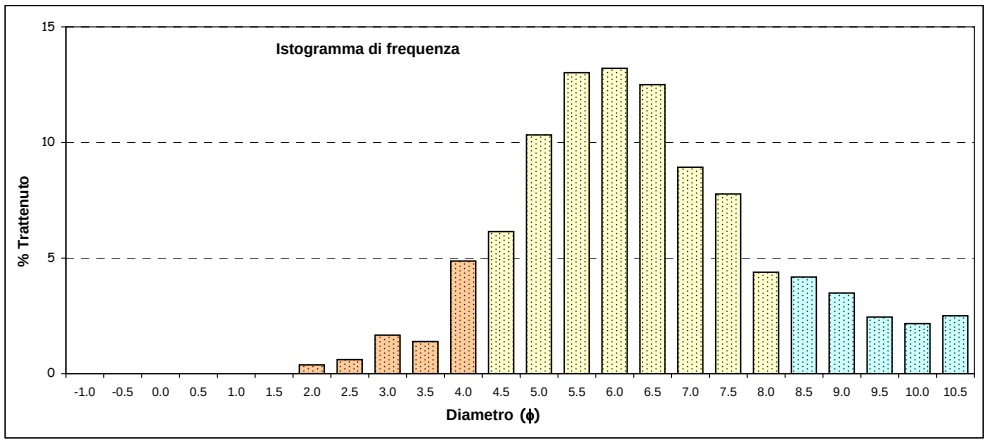
Percentili (Φ)	
5	3.607
16	4.588
25	5.039
50	5.995
75	7.187
84	7.948
95	9.516

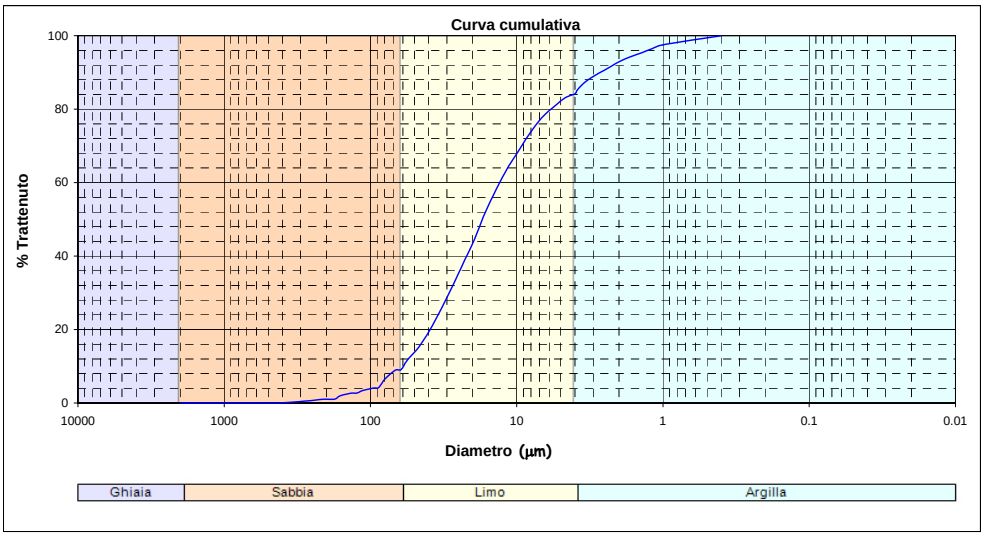
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.38%	0.38%
250	2		
250	2	0.61%	0.99%
176.78	2.5		
176.78	2.5	0.06%	1.04%
175	2.515		
175	2.515	0.90%	1.95%
147	2.766		
147	2.766	0.71%	2.65%
125	3		
125	3	0.07%	2.72%
123	3.023		
123	3.023	0.66%	3.38%
103	3.279		
103	3.279	0.66%	4.05%
88.39	3.5		
88.39	3.5	0.17%	4.22%
87	3.523		
87	3.523	2.24%	6.45%
73	3.776		
73	3.776	2.46%	8.92%
62.5	4		
62.5	4	0.19%	9.10%
61	4.035		
61	4.035	2.52%	11.62%
51	4.293		
51	4.293	3.44%	15.06%
43	4.54		
43	4.54	4.64%	19.70%
36	4.796		
36	4.796	5.69%	25.39%
30	5.059		
30	5.059	6.41%	31.81%
25	5.322		
25	5.322	6.61%	38.41%
21	5.573		
21	5.573	6.04%	44.46%
18	5.796		
18	5.796	7.16%	51.62%
15	6.059		
15	6.059	6.74%	58.36%
12.5	6.322		
12.5	6.322	5.76%	64.12%
10.5	6.573		
10.5	6.573	4.44%	68.56%
9	6.796		
9	6.796	4.49%	73.05%
7.5	7.059		
7.5	7.059	4.60%	77.65%
6	7.381		
6	7.381	3.17%	80.82%
5	7.644		
5	7.644	2.31%	83.13%
4.3	7.861		
4.3	7.861	1.04%	84.17%
4	7.966		
4	7.966	1.04%	85.21%
3.7	8.078		
3.7	8.078	2.21%	87.42%
3.1	8.334		
3.1	8.334	1.97%	89.39%
2.6	8.587		
2.6	8.587	1.68%	91.07%
2.2	8.828		
2.2	8.828	1.80%	92.88%
1.8	9.118		
1.8	9.118	1.44%	94.32%
1.5	9.381		
1.5	9.381	1.01%	95.33%
1.3	9.587		
1.3	9.587	1.06%	96.39%
1.1	9.828		
1.1	9.828	1.11%	97.50%
0.9	10.118		
< 0,900	> 10,118	2.50%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(25-50)
Peso totale (g)	28.8
Frazione > 63 µm (%)	6.9
Frazione < 63 µm (%)	93.1

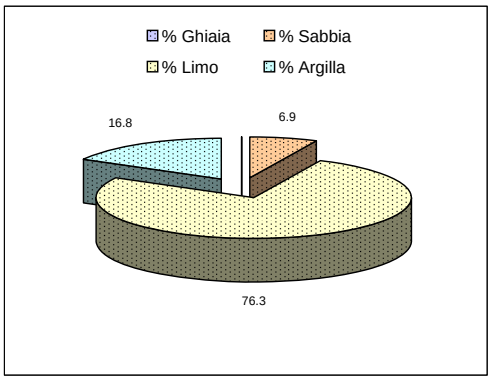
Frazione grossolana (> 63 µm) = 6.9	
% Ghiaia	% Sabbia
0.0	6.9

Frazione pelitica (< 63 µm) = 93.1	
% Limo	% Argilla
76.3	16.8

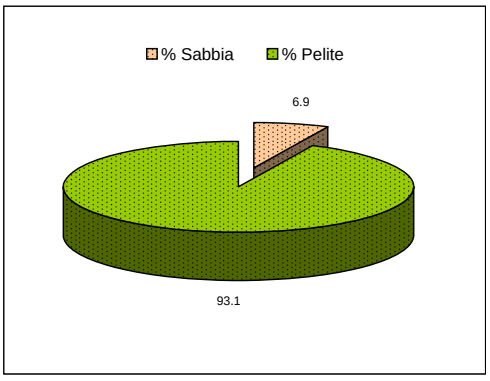
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.287
Deviazione Standard	1.696
Asimmetria (Skewness)	0.188
Appuntimento (Kurtosis)	1.079
Mediana (Φ)	6.104
Moda (Φ)	6.000

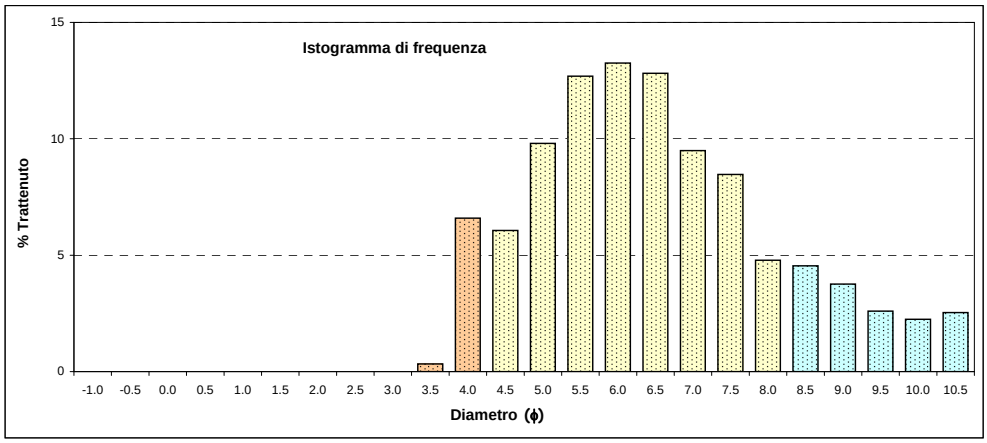
Percentili (Φ)	
5	3.859
16	4.710
25	5.147
50	6.104
75	7.307
84	8.048
95	9.544

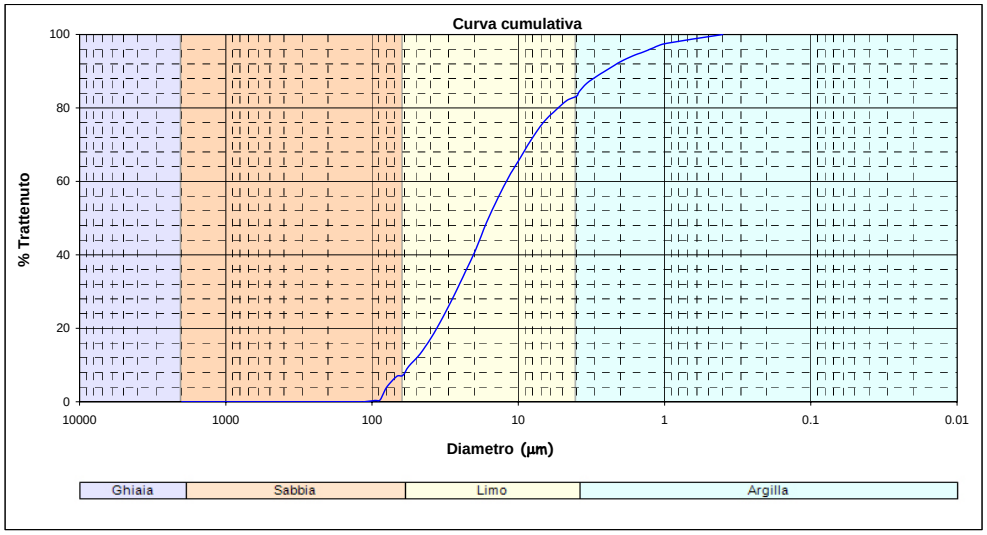
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.33%	0.33%
88.39	3.5		
88.39	3.5	0.25%	0.59%
87	3.523		
87	3.523	3.19%	3.77%
73	3.776		
73	3.776	3.15%	6.92%
62.5	4		
62.5	4	0.21%	7.13%
61	4.035		
61	4.035	2.54%	9.68%
51	4.293		
51	4.293	3.31%	12.99%
43	4.54		
43	4.54	4.39%	17.38%
36	4.796		
36	4.796	5.41%	22.79%
30	5.059		
30	5.059	6.19%	28.99%
25	5.322		
25	5.322	6.50%	35.48%
21	5.573		
21	5.573	6.03%	41.51%
18	5.796		
18	5.796	7.23%	48.74%
15	6.059		
15	6.059	6.86%	55.60%
12.5	6.322		
12.5	6.322	5.95%	61.55%
10.5	6.573		
10.5	6.573	4.67%	66.22%
9	6.796		
9	6.796	4.83%	71.04%
7.5	7.059		
7.5	7.059	5.01%	76.05%
6	7.381		
6	7.381	3.47%	79.51%
5	7.644		
5	7.644	2.52%	82.04%
4.3	7.861		
4.3	7.861	1.13%	83.17%
4	7.966		
4	7.966	1.13%	84.30%
3.7	8.078		
3.7	8.078	2.41%	86.71%
3.1	8.334		
3.1	8.334	2.14%	88.85%
2.6	8.587		
2.6	8.587	1.82%	90.67%
2.2	8.828		
2.2	8.828	1.94%	92.61%
1.8	9.118		
1.8	9.118	1.54%	94.14%
1.5	9.381		
1.5	9.381	1.07%	95.21%
1.3	9.587		
1.3	9.587	1.11%	96.32%
1.1	9.828		
1.1	9.828	1.15%	97.46%
0.9	10.118		
< 0,900	> 10,118	2.54%	100.00%

ISPRA
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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(50-75)
Peso totale (g)	37.5
Frazione > 63 μm (%)	6.8
Frazione < 63 μm (%)	93.2

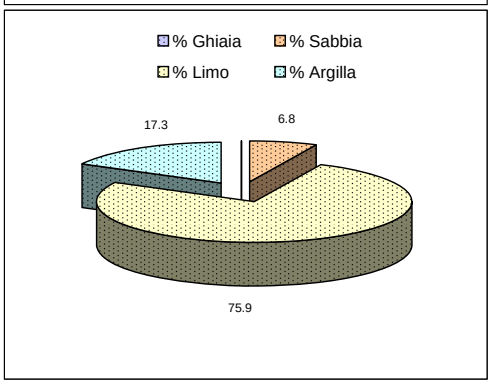
Frazione grossolana (> 63 μm) = 6.8	
% Ghiaia	% Sabbia
0.0	6.8

Frazione pelitica (< 63 μm) = 93.2	
% Limo	% Argilla
75.9	17.3

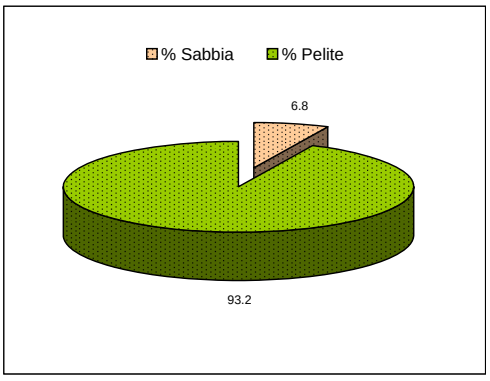
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.315
Deviazione Standard	1.707
Asimmetria (Skewness)	0.195
Appuntimento (Kurtosis)	1.068
Mediana (Φ)	6.115
Moda (Φ)	6.000

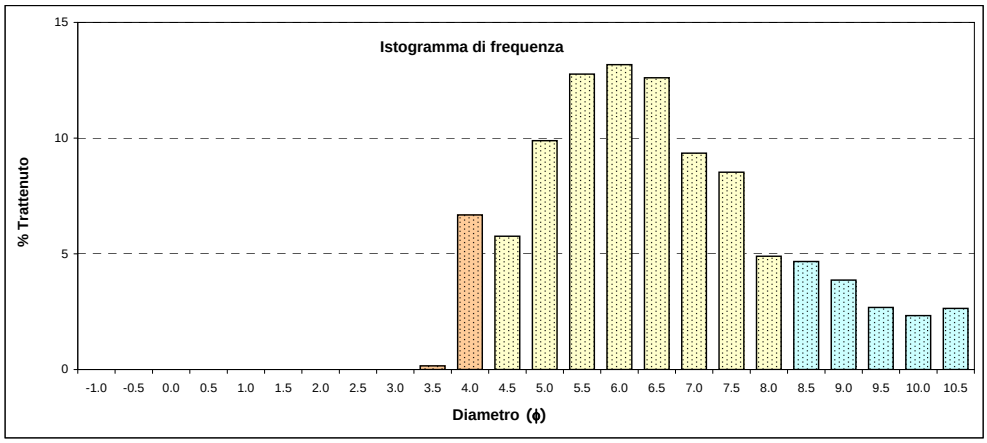
Percentili (Φ)	
5	3.865
16	4.732
25	5.159
50	6.115
75	7.352
84	8.096
95	9.582

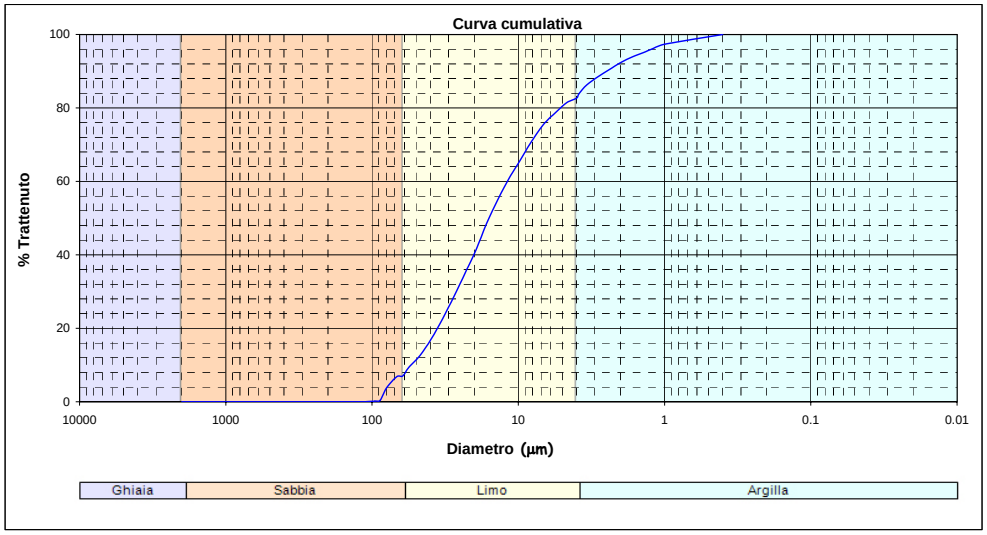
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.16%	0.16%
88.39	3.5		
88.39	3.5	0.27%	0.43%
87	3.523		
87	3.523	3.24%	3.68%
73	3.776		
73	3.776	3.16%	6.84%
62.5	4		
62.5	4	0.17%	7.02%
61	4.035		
61	4.035	2.35%	9.36%
51	4.293		
51	4.293	3.24%	12.60%
43	4.54		
43	4.54	4.42%	17.02%
36	4.796		
36	4.796	5.47%	22.50%
30	5.059		
30	5.059	6.25%	28.75%
25	5.322		
25	5.322	6.51%	35.26%
21	5.573		
21	5.573	6.01%	41.27%
18	5.796		
18	5.796	7.17%	48.44%
15	6.059		
15	6.059	6.77%	55.21%
12.5	6.322		
12.5	6.322	5.84%	61.05%
10.5	6.573		
10.5	6.573	4.58%	65.63%
9	6.796		
9	6.796	4.77%	70.40%
7.5	7.059		
7.5	7.059	5.01%	75.41%
6	7.381		
6	7.381	3.51%	78.92%
5	7.644		
5	7.644	2.57%	81.49%
4.3	7.861		
4.3	7.861	1.16%	82.65%
4	7.966		
4	7.966	1.16%	83.81%
3.7	8.078		
3.7	8.078	2.47%	86.28%
3.1	8.334		
3.1	8.334	2.20%	88.48%
2.6	8.587		
2.6	8.587	1.87%	90.35%
2.2	8.828		
2.2	8.828	1.99%	92.35%
1.8	9.118		
1.8	9.118	1.58%	93.93%
1.5	9.381		
1.5	9.381	1.10%	95.03%
1.3	9.587		
1.3	9.587	1.14%	96.17%
1.1	9.828		
1.1	9.828	1.19%	97.36%
0.9	10.118		
< 0,900	> 10,118	2.64%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(75-100)
Peso totale (g)	21.8
Frazione > 63 µm (%)	6.4
Frazione < 63 µm (%)	93.6

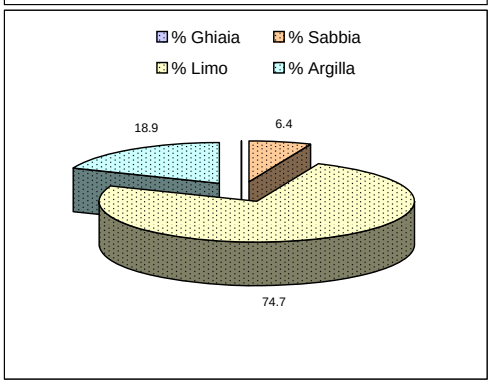
Frazione grossolana (> 63 µm) = 6.4	
% Ghiaia	% Sabbia
0.0	6.4

Frazione pelitica (< 63 µm) = 93.6	
% Limo	% Argilla
74.7	18.9

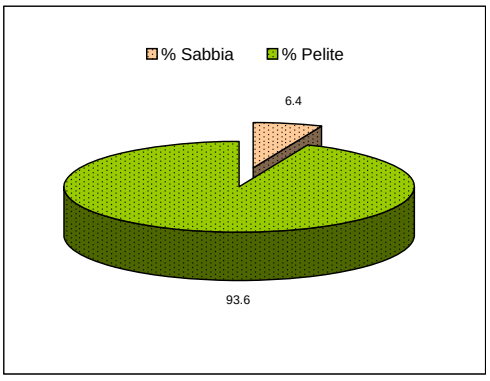
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.433
Deviazione Standard	1.722
Asimmetria (Skewness)	0.188
Appuntimento (Kurtosis)	1.069
Mediana (Φ)	6.223
Moda (Φ)	6.000

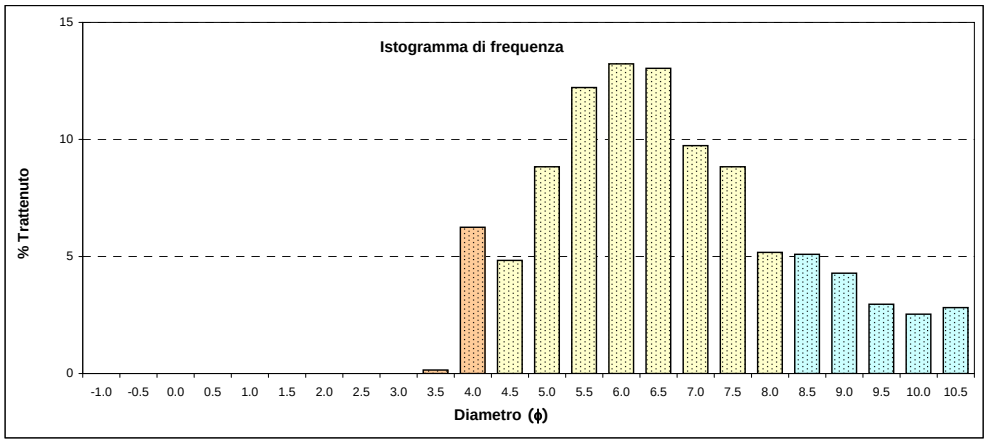
Percentili (Φ)	
5	3.888
16	4.840
25	5.276
50	6.223
75	7.485
84	8.235
95	9.651

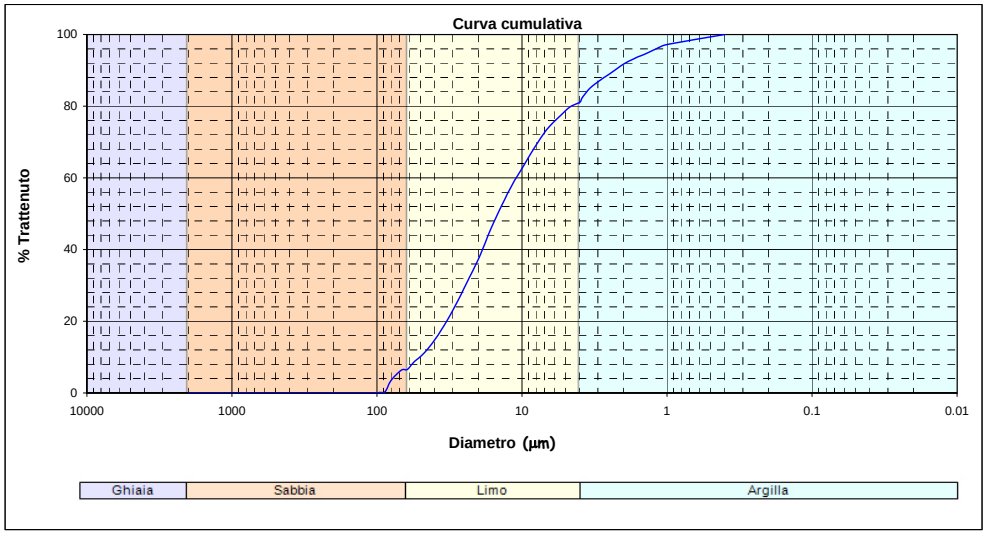
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.15%	0.15%
88.39	3.5		
88.39	3.5	0.26%	0.42%
87	3.523		
87	3.523	3.08%	3.50%
73	3.776		
73	3.776	2.90%	6.40%
62.5	4		
62.5	4	0.15%	6.55%
61	4.035		
61	4.035	1.95%	8.50%
51	4.293		
51	4.293	2.74%	11.24%
43	4.54		
43	4.54	3.86%	15.09%
36	4.796		
36	4.796	4.97%	20.07%
30	5.059		
30	5.059	5.89%	25.96%
25	5.322		
25	5.322	6.33%	32.29%
21	5.573		
21	5.573	5.97%	38.26%
18	5.796		
18	5.796	7.26%	45.52%
15	6.059		
15	6.059	6.96%	52.48%
12.5	6.322		
12.5	6.322	6.07%	58.55%
10.5	6.573		
10.5	6.573	4.78%	63.33%
9	6.796		
9	6.796	4.96%	68.29%
7.5	7.059		
7.5	7.059	5.19%	73.47%
6	7.381		
6	7.381	3.65%	77.12%
5	7.644		
5	7.644	2.70%	79.83%
4.3	7.861		
4.3	7.861	1.24%	81.06%
4	7.966		
4	7.966	1.24%	82.30%
3.7	8.078		
3.7	8.078	2.68%	84.98%
3.1	8.334		
3.1	8.334	2.42%	87.40%
2.6	8.587		
2.6	8.587	2.07%	89.47%
2.2	8.828		
2.2	8.828	2.21%	91.69%
1.8	9.118		
1.8	9.118	1.75%	93.44%
1.5	9.381		
1.5	9.381	1.21%	94.65%
1.3	9.587		
1.3	9.587	1.25%	95.90%
1.1	9.828		
1.1	9.828	1.29%	97.18%
0.9	10.118		
< 0,900	> 10,118	2.82%	100.00%

ISPRA
Istituto Superiore per la Protezione e la Ricerca Ambientale

Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(100-125)
Peso totale (g)	33.7
Frazione > 63 μm (%)	6.3
Frazione < 63 μm (%)	93.7

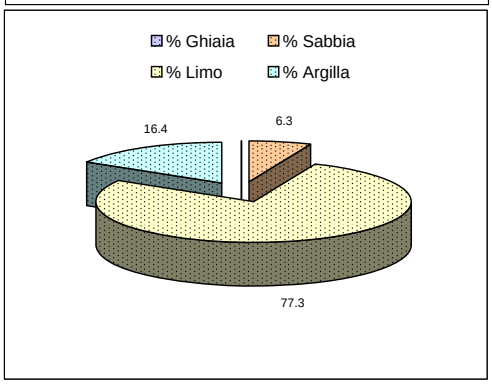
Frazione grossolana (> 63 μm) = 6.3	
% Ghiaia	% Sabbia
0.0	6.3

Frazione pelitica (< 63 μm) = 93.7	
% Limo	% Argilla
77.3	16.4

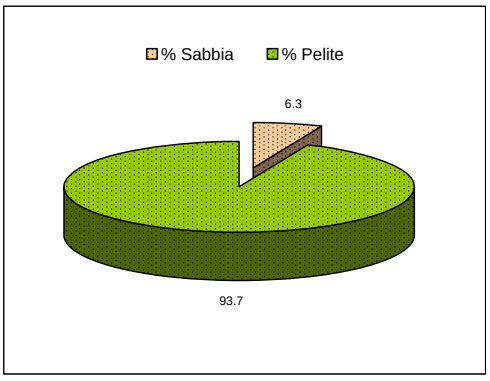
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.261
Deviazione Standard	1.672
Asimmetria (Skewness)	0.202
Appuntimento (Kurtosis)	1.068
Mediana (Φ)	6.065
Moda (Φ)	6.000

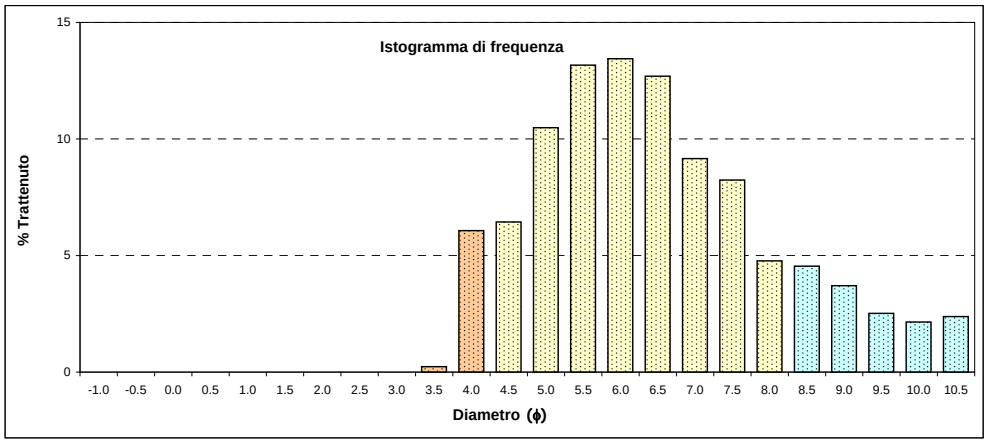
Percentili (Φ)	
5	3.898
16	4.711
25	5.126
50	6.065
75	7.271
84	8.008
95	9.490

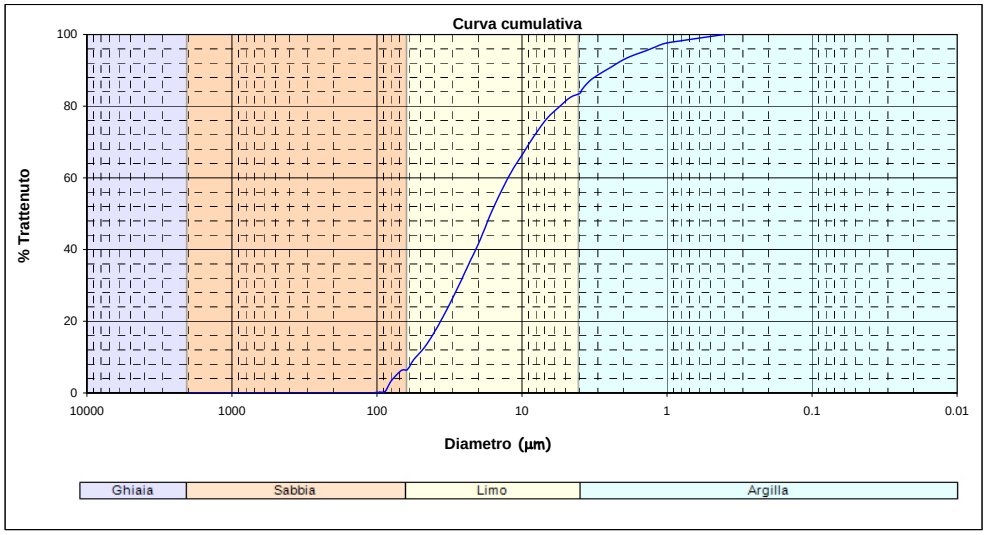
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.23%	0.23%
88.39	3.5		
88.39	3.5	0.22%	0.46%
87	3.523		
87	3.523	2.87%	3.32%
73	3.776		
73	3.776	2.98%	6.30%
62.5	4		
62.5	4	0.21%	6.51%
61	4.035		
61	4.035	2.67%	9.18%
51	4.293		
51	4.293	3.56%	12.74%
43	4.54		
43	4.54	4.73%	17.48%
36	4.796		
36	4.796	5.75%	23.23%
30	5.059		
30	5.059	6.48%	29.70%
25	5.322		
25	5.322	6.69%	36.39%
21	5.573		
21	5.573	6.14%	42.54%
18	5.796		
18	5.796	7.30%	49.83%
15	6.059		
15	6.059	6.85%	56.68%
12.5	6.322		
12.5	6.322	5.85%	62.53%
10.5	6.573		
10.5	6.573	4.52%	67.05%
9	6.796		
9	6.796	4.64%	71.69%
7.5	7.059		
7.5	7.059	4.84%	76.53%
6	7.381		
6	7.381	3.40%	79.93%
5	7.644		
5	7.644	2.50%	82.43%
4.3	7.861		
4.3	7.861	1.13%	83.56%
4	7.966		
4	7.966	1.13%	84.70%
3.7	8.078		
3.7	8.078	2.41%	87.10%
3.1	8.334		
3.1	8.334	2.14%	89.24%
2.6	8.587		
2.6	8.587	1.81%	91.04%
2.2	8.828		
2.2	8.828	1.90%	92.95%
1.8	9.118		
1.8	9.118	1.49%	94.44%
1.5	9.381		
1.5	9.381	1.03%	95.47%
1.3	9.587		
1.3	9.587	1.06%	96.53%
1.1	9.828		
1.1	9.828	1.09%	97.61%
0.9	10.118		
< 0,900	> 10,118	2.39%	100.00%

ISPRA
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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 63**
Livello (cm)	**(125-150)**
Peso totale (g)	22.9
Frazione > 63 μm (%)	6.7
Frazione < 63 μm (%)	93.3

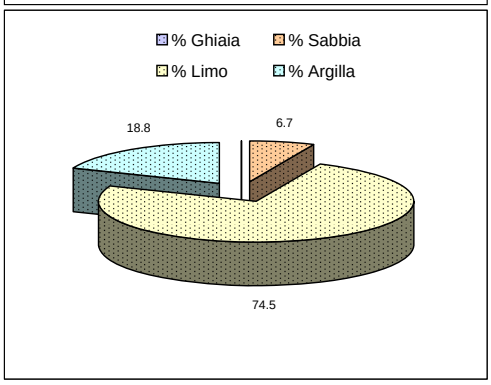
Frazione grossolana (> 63 μm) =	**6.7**
% Ghiaia	**% Sabbia**
0.0	**6.7**

Frazione pelitica (< 63 μm) =	**93.3**
% Limo	**% Argilla**
74.5	**18.8**

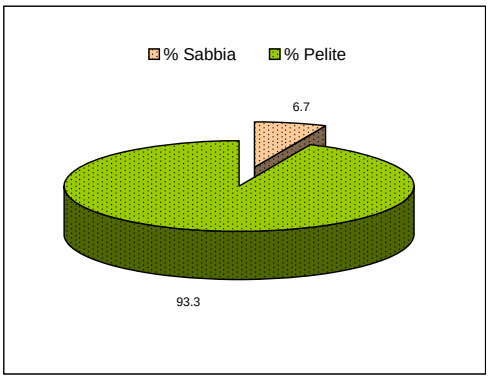
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.397
Deviazione Standard	1.739
Asimmetria (Skewness)	0.190
Appuntimento (Kurtosis)	1.045
Mediana (Φ)	6.189
Moda (Φ)	6.000

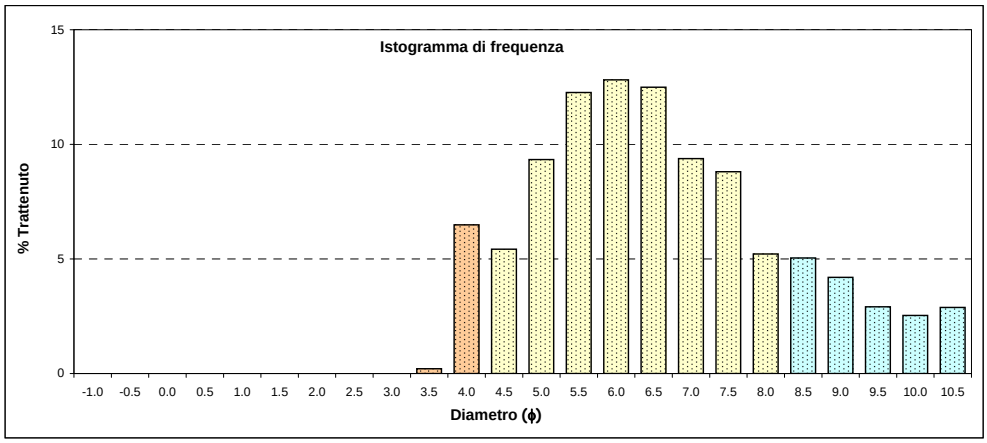
Percentili (Φ)	
5	3.871
16	4.778
25	5.209
50	6.189
75	7.480
84	8.223
95	9.665

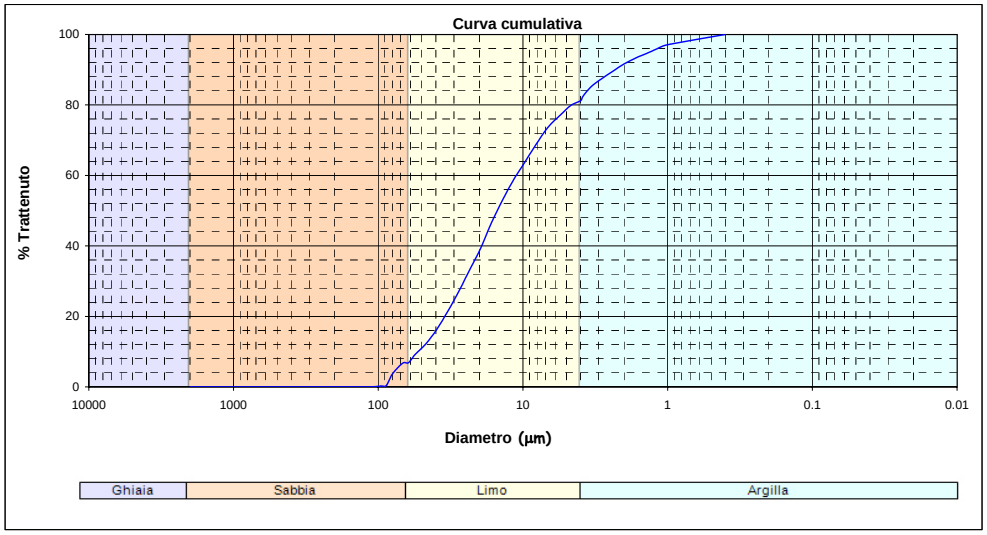
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.21%	0.21%
88.39	3.5		
88.39	3.5	0.26%	0.47%
87	3.523		
87	3.523	3.17%	3.64%
73	3.776		
73	3.776	3.05%	6.70%
62.5	4		
62.5	4	0.17%	6.87%
61	4.035		
61	4.035	2.22%	9.09%
51	4.293		
51	4.293	3.03%	12.12%
43	4.54		
43	4.54	4.14%	16.26%
36	4.796		
36	4.796	5.19%	21.46%
30	5.059		
30	5.059	5.99%	27.45%
25	5.322		
25	5.322	6.27%	33.72%
21	5.573		
21	5.573	5.82%	39.54%
18	5.796		
18	5.796	7.00%	46.53%
15	6.059		
15	6.059	6.68%	53.21%
12.5	6.322		
12.5	6.322	5.81%	59.03%
10.5	6.573		
10.5	6.573	4.58%	63.60%
9	6.796		
9	6.796	4.80%	68.41%
7.5	7.059		
7.5	7.059	5.14%	73.54%
6	7.381		
6	7.381	3.67%	77.21%
5	7.644		
5	7.644	2.73%	79.94%
4.3	7.861		
4.3	7.861	1.24%	81.19%
4	7.966		
4	7.966	1.24%	82.43%
3.7	8.078		
3.7	8.078	2.66%	85.09%
3.1	8.334		
3.1	8.334	2.38%	87.47%
2.6	8.587		
2.6	8.587	2.03%	89.50%
2.2	8.828		
2.2	8.828	2.16%	91.67%
1.8	9.118		
1.8	9.118	1.72%	93.38%
1.5	9.381		
1.5	9.381	1.19%	94.58%
1.3	9.587		
1.3	9.587	1.24%	95.82%
1.1	9.828		
1.1	9.828	1.29%	97.11%
0.9	10.118		
< 0,900	> 10,118	2.89%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(150-175)
Peso totale (g)	25.2
Frazione > 63 μm (%)	6.3
Frazione < 63 μm (%)	93.7

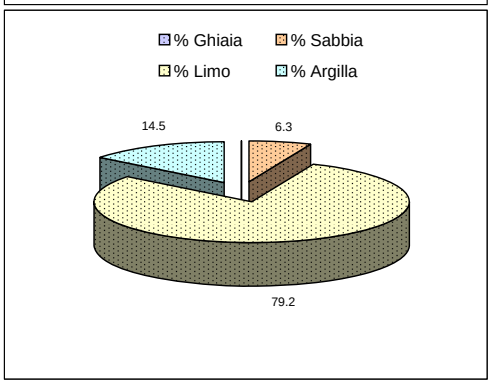
Frazione grossolana (> 63 μm) = 6.3	
% Ghiaia	% Sabbia
0.0	6.3

Frazione pelitica (< 63 μm) = 93.7	
% Limo	% Argilla
79.2	14.5

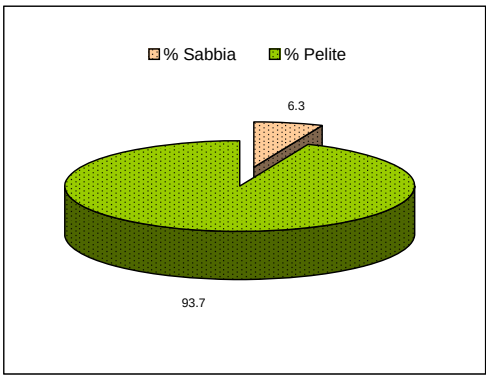
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.109
Deviazione Standard	1.625
Asimmetria (Skewness)	0.225
Appuntimento (Kurtosis)	1.029
Mediana (Φ)	5.903
Moda (Φ)	5.500

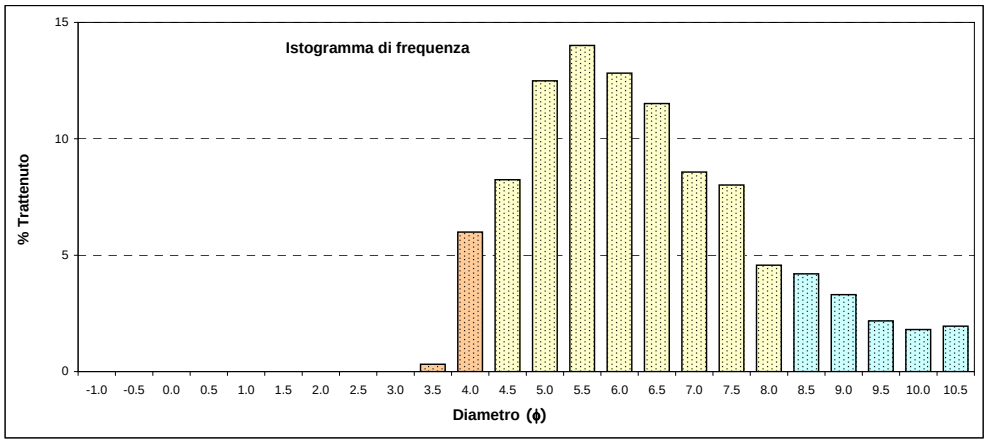
Percentili (Φ)	
5	3.901
16	4.599
25	4.973
50	5.903
75	7.124
84	7.824
95	9.304

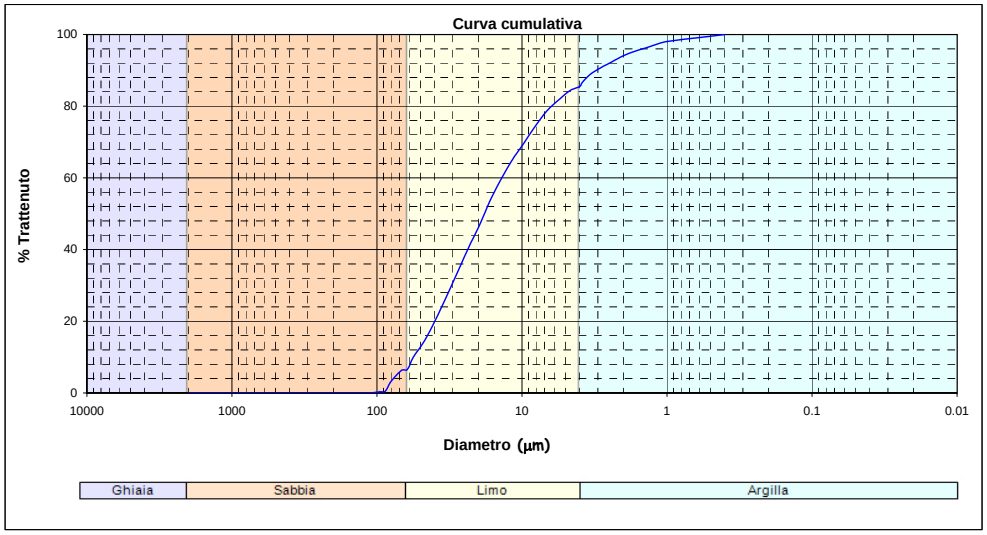
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.31%	0.31%
88.39	3.5		
88.39	3.5	0.19%	0.51%
87	3.523		
87	3.523	2.70%	3.20%
73	3.776		
73	3.776	3.11%	6.31%
62.5	4		
62.5	4	0.27%	6.58%
61	4.035		
61	4.035	3.46%	10.04%
51	4.293		
51	4.293	4.52%	14.55%
43	4.54		
43	4.54	5.79%	20.34%
36	4.796		
36	4.796	6.70%	27.05%
30	5.059		
30	5.059	7.11%	34.15%
25	5.322		
25	5.322	6.90%	41.05%
21	5.573		
21	5.573	6.01%	47.06%
18	5.796		
18	5.796	6.81%	53.87%
15	6.059		
15	6.059	6.22%	60.10%
12.5	6.322		
12.5	6.322	5.29%	65.39%
10.5	6.573		
10.5	6.573	4.16%	69.55%
9	6.796		
9	6.796	4.41%	73.96%
7.5	7.059		
7.5	7.059	4.70%	78.66%
6	7.381		
6	7.381	3.31%	81.98%
5	7.644		
5	7.644	2.42%	84.39%
4.3	7.861		
4.3	7.861	1.08%	85.47%
4	7.966		
4	7.966	1.08%	86.55%
3.7	8.078		
3.7	8.078	2.25%	88.80%
3.1	8.334		
3.1	8.334	1.95%	90.75%
2.6	8.587		
2.6	8.587	1.62%	92.38%
2.2	8.828		
2.2	8.828	1.68%	94.06%
1.8	9.118		
1.8	9.118	1.30%	95.35%
1.5	9.381		
1.5	9.381	0.88%	96.24%
1.3	9.587		
1.3	9.587	0.90%	97.14%
1.1	9.828		
1.1	9.828	0.91%	98.05%
0.9	10.118		
< 0,900	> 10,118	1.95%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(175-200)
Peso totale (g)	18.8
Frazione > 63 μm (%)	6.8
Frazione < 63 μm (%)	93.2

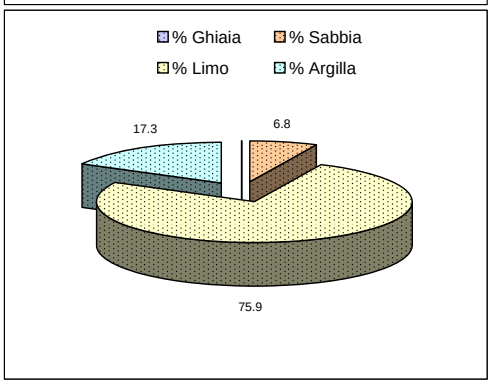
Frazione grossolana (> 63 μm) = 6.8	
% Ghiaia	% Sabbia
0.0	6.8

Frazione pelitica (< 63 μm) = 93.2	
% Limo	% Argilla
75.9	17.3

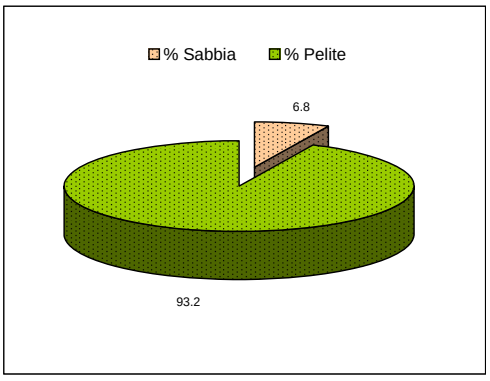
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.270
Deviazione Standard	1.702
Asimmetria (Skewness)	0.189
Appuntimento (Kurtosis)	0.991
Mediana (Φ)	6.079
Moda (Φ)	5.500

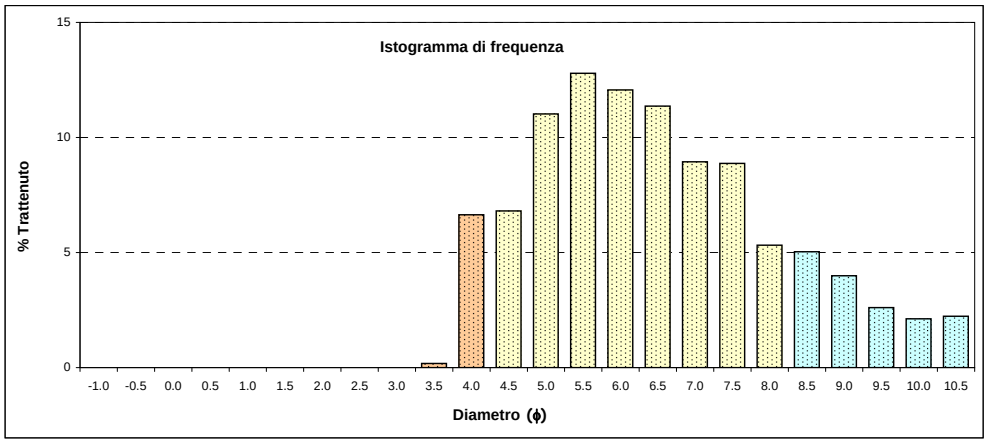
Percentili (Φ)	
5	3.870
16	4.654
25	5.072
50	6.079
75	7.383
84	8.077
95	9.456

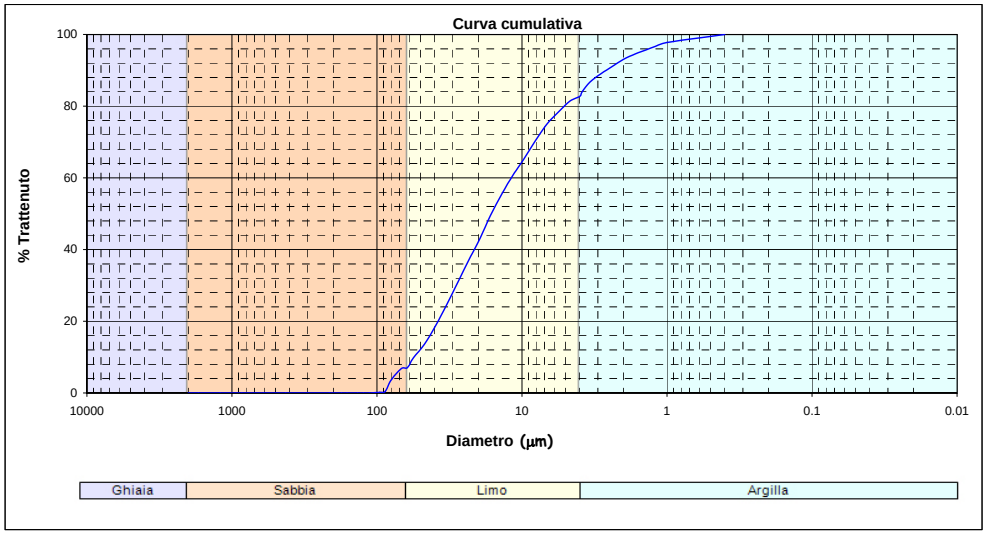
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.18%	0.18%
88.39	3.5		
88.39	3.5	0.25%	0.44%
87	3.523		
87	3.523	3.15%	3.58%
73	3.776		
73	3.776	3.24%	6.83%
62.5	4		
62.5	4	0.21%	7.03%
61	4.035		
61	4.035	2.80%	9.83%
51	4.293		
51	4.293	3.80%	13.63%
43	4.54		
43	4.54	5.04%	18.68%
36	4.796		
36	4.796	5.98%	24.65%
30	5.059		
30	5.059	6.45%	31.10%
25	5.322		
25	5.322	6.34%	37.45%
21	5.573		
21	5.573	5.59%	43.04%
18	5.796		
18	5.796	6.47%	49.51%
15	6.059		
15	6.059	6.06%	55.57%
12.5	6.322		
12.5	6.322	5.30%	60.87%
10.5	6.573		
10.5	6.573	4.28%	65.15%
9	6.796		
9	6.796	4.66%	69.81%
7.5	7.059		
7.5	7.059	5.15%	74.96%
6	7.381		
6	7.381	3.73%	78.69%
5	7.644		
5	7.644	2.79%	81.48%
4.3	7.861		
4.3	7.861	1.27%	82.74%
4	7.966		
4	7.966	1.27%	84.01%
3.7	8.078		
3.7	8.078	2.68%	86.69%
3.1	8.334		
3.1	8.334	2.35%	89.05%
2.6	8.587		
2.6	8.587	1.96%	91.01%
2.2	8.828		
2.2	8.828	2.03%	93.04%
1.8	9.118		
1.8	9.118	1.56%	94.60%
1.5	9.381		
1.5	9.381	1.05%	95.65%
1.3	9.587		
1.3	9.587	1.06%	96.71%
1.1	9.828		
1.1	9.828	1.06%	97.77%
0.9	10.118		
< 0,900	> 10,118	2.23%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(200-225)
Peso totale (g)	26.7
Frazione > 63 μm (%)	6.7
Frazione < 63 μm (%)	93.3

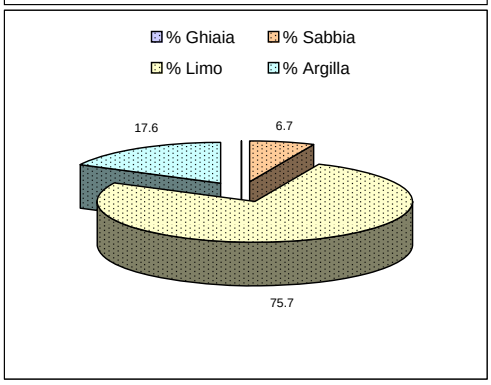
Frazione grossolana (> 63 μm) = 6.7	
% Ghiaia	% Sabbia
0.0	6.7

Frazione pelitica (< 63 μm) = 93.3	
% Limo	% Argilla
75.7	17.6

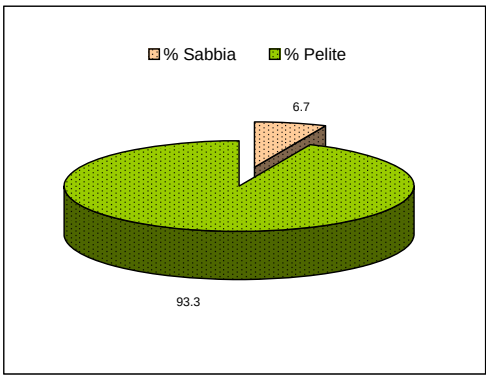
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.298
Deviazione Standard	1.718
Asimmetria (Skewness)	0.191
Appuntimento (Kurtosis)	1.006
Mediana (Φ)	6.104
Moda (Φ)	5.500

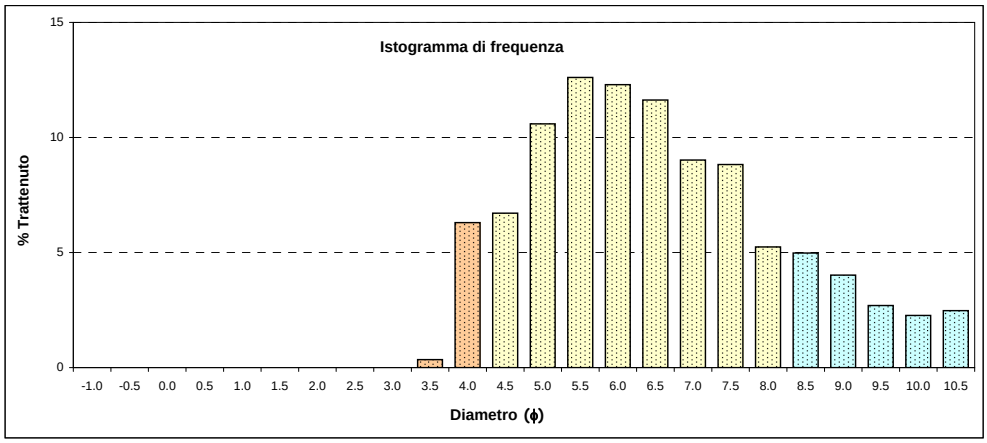
Percentili (Φ)	
5	3.876
16	4.674
25	5.100
50	6.104
75	7.405
84	8.117
95	9.536

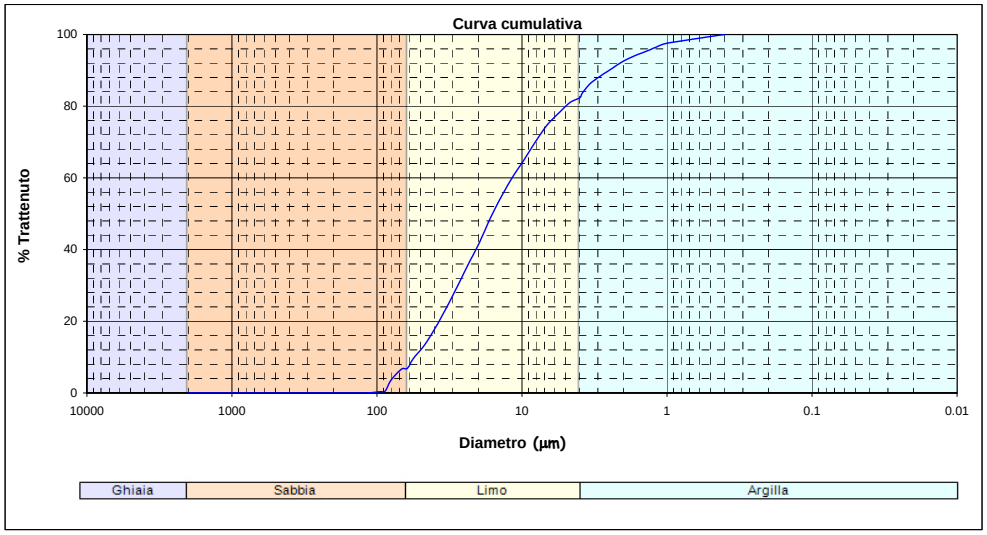
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.03%	0.03%
103	3.279		
103	3.279	0.32%	0.35%
88.39	3.5		
88.39	3.5	0.24%	0.58%
87	3.523		
87	3.523	2.98%	3.57%
73	3.776		
73	3.776	3.08%	6.65%
62.5	4		
62.5	4	0.22%	6.87%
61	4.035		
61	4.035	2.79%	9.66%
51	4.293		
51	4.293	3.70%	13.36%
43	4.54		
43	4.54	4.84%	18.20%
36	4.796		
36	4.796	5.75%	23.95%
30	5.059		
30	5.059	6.29%	30.24%
25	5.322		
25	5.322	6.32%	36.56%
21	5.573		
21	5.573	5.67%	42.23%
18	5.796		
18	5.796	6.63%	48.86%
15	6.059		
15	6.059	6.22%	55.07%
12.5	6.322		
12.5	6.322	5.41%	60.48%
10.5	6.573		
10.5	6.573	4.33%	64.82%
9	6.796		
9	6.796	4.68%	69.50%
7.5	7.059		
7.5	7.059	5.13%	74.63%
6	7.381		
6	7.381	3.70%	78.32%
5	7.644		
5	7.644	2.75%	81.08%
4.3	7.861		
4.3	7.861	1.25%	82.32%
4	7.966		
4	7.966	1.25%	83.57%
3.7	8.078		
3.7	8.078	2.64%	86.21%
3.1	8.334		
3.1	8.334	2.33%	88.55%
2.6	8.587		
2.6	8.587	1.96%	90.51%
2.2	8.828		
2.2	8.828	2.06%	92.56%
1.8	9.118		
1.8	9.118	1.60%	94.16%
1.5	9.381		
1.5	9.381	1.10%	95.26%
1.3	9.587		
1.3	9.587	1.12%	96.38%
1.1	9.828		
1.1	9.828	1.14%	97.52%
0.9	10.118		
< 0,900	> 10,118	2.48%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(225-250)
Peso totale (g)	20.1
Frazione > 63 µm (%)	6.6
Frazione < 63 µm (%)	93.4

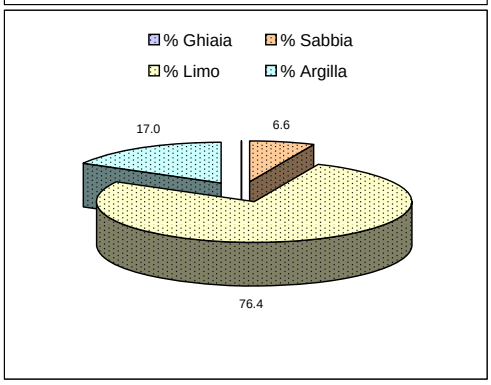
Frazione grossolana (> 63 µm) = 6.6	
% Ghiaia	% Sabbia
0.0	6.6

Frazione pelitica (< 63 µm) = 93.4	
% Limo	% Argilla
76.4	17.0

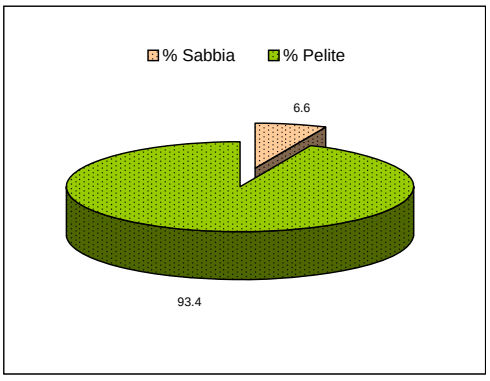
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.315
Deviazione Standard	1.665
Asimmetria (Skewness)	0.166
Appuntimento (Kurtosis)	1.022
Mediana (Φ)	6.150
Moda (Φ)	5.500

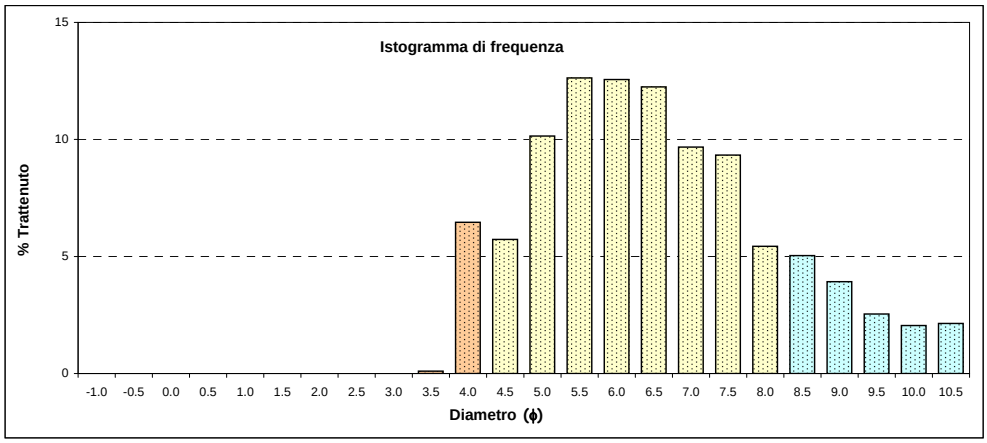
Percentili (Φ)	
5	3.882
16	4.746
25	5.161
50	6.150
75	7.382
84	8.050
95	9.421

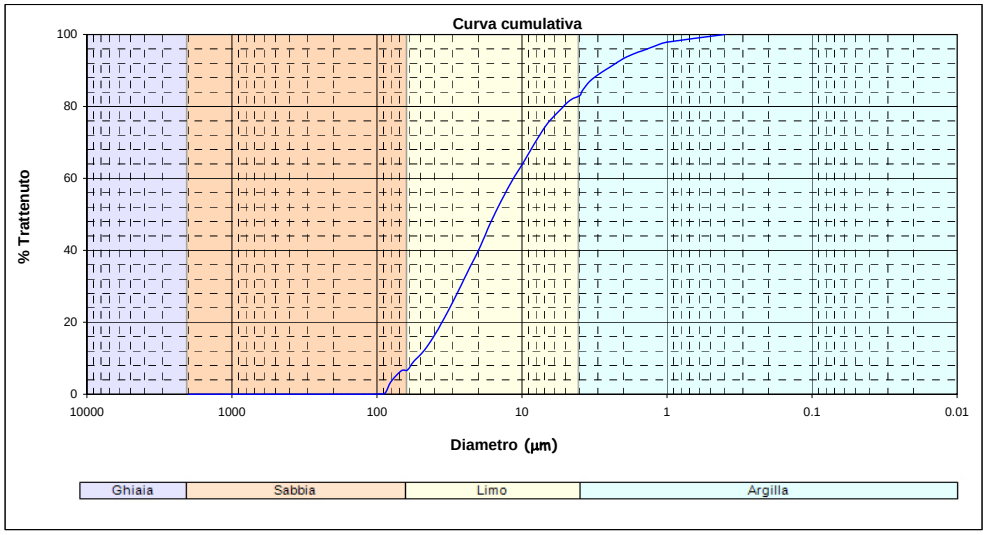
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.00%	0.00%
103	3.279		
103	3.279	0.10%	0.10%
88.39	3.5		
88.39	3.5	0.27%	0.37%
87	3.523		
87	3.523	3.13%	3.50%
73	3.776		
73	3.776	3.06%	6.56%
62.5	4		
62.5	4	0.16%	6.72%
61	4.035		
61	4.035	2.29%	9.01%
51	4.293		
51	4.293	3.28%	12.29%
43	4.54		
43	4.54	4.54%	16.83%
36	4.796		
36	4.796	5.61%	22.43%
30	5.059		
30	5.059	6.27%	28.70%
25	5.322		
25	5.322	6.36%	35.06%
21	5.573		
21	5.573	5.75%	40.82%
18	5.796		
18	5.796	6.81%	47.62%
15	6.059		
15	6.059	6.50%	54.12%
12.5	6.322		
12.5	6.322	5.75%	59.87%
10.5	6.573		
10.5	6.573	4.65%	64.52%
9	6.796		
9	6.796	5.02%	69.54%
7.5	7.059		
7.5	7.059	5.45%	74.99%
6	7.381		
6	7.381	3.89%	78.87%
5	7.644		
5	7.644	2.86%	81.74%
4.3	7.861		
4.3	7.861	1.29%	83.02%
4	7.966		
4	7.966	1.29%	84.31%
3.7	8.078		
3.7	8.078	2.69%	87.00%
3.1	8.334		
3.1	8.334	2.34%	89.35%
2.6	8.587		
2.6	8.587	1.94%	91.28%
2.2	8.828		
2.2	8.828	1.99%	93.27%
1.8	9.118		
1.8	9.118	1.52%	94.79%
1.5	9.381		
1.5	9.381	1.02%	95.81%
1.3	9.587		
1.3	9.587	1.02%	96.84%
1.1	9.828		
1.1	9.828	1.02%	97.86%
0.9	10.118		
< 0,900	> 10,118	2.14%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 63
Livello (cm)	(250-275)
Peso totale (g)	28.5
Frazione > 63 μm (%)	8.9
Frazione < 63 μm (%)	91.1

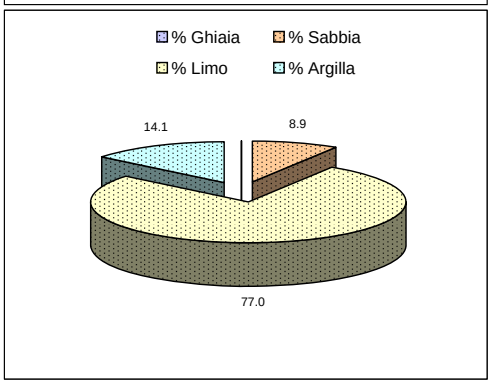
Frazione grossolana (> 63 μm) = 8.9	
% Ghiaia	% Sabbia
0.0	8.9

Frazione pelitica (< 63 μm) = 91.1	
% Limo	% Argilla
77.0	14.1

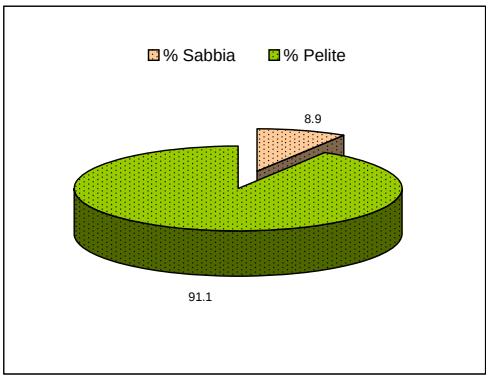
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.094
Deviazione Standard	1.644
Asimmetria (Skewness)	0.157
Appuntimento (Kurtosis)	1.013
Mediana (Φ)	5.963
Moda (Φ)	5.500

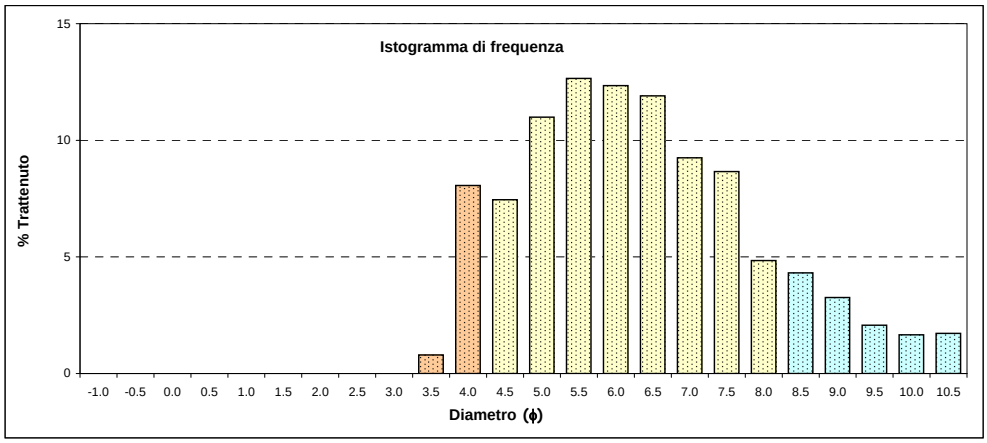
Percentili (Φ)	
5	3.775
16	4.519
25	4.951
50	5.963
75	7.149
84	7.800
95	9.210

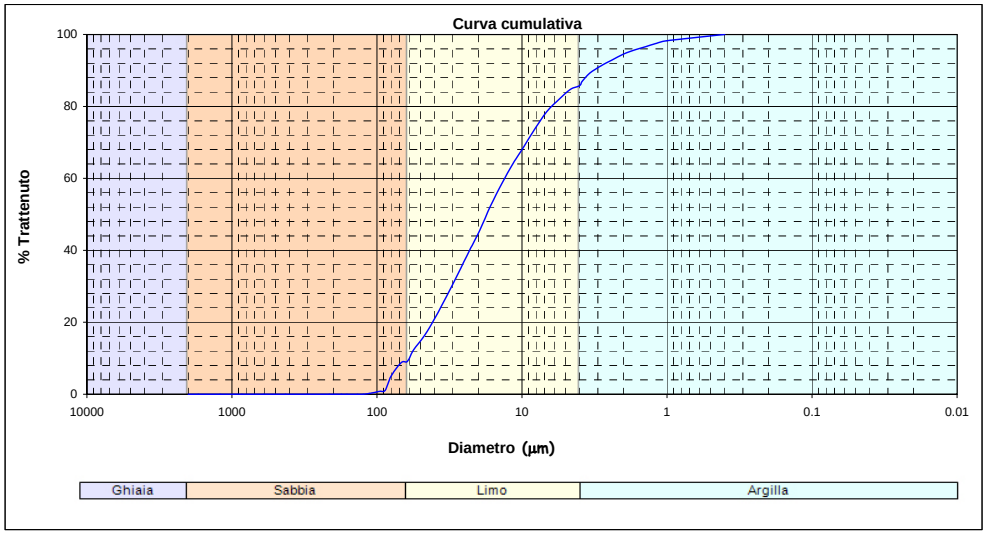
LIMO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.00%	0.00%
176.78	2.5		
176.78	2.5	0.00%	0.00%
175	2.515		
175	2.515	0.00%	0.00%
147	2.766		
147	2.766	0.00%	0.00%
125	3		
125	3	0.00%	0.00%
123	3.023		
123	3.023	0.23%	0.23%
103	3.279		
103	3.279	0.56%	0.80%
88.39	3.5		
88.39	3.5	0.32%	1.11%
87	3.523		
87	3.523	3.89%	5.01%
73	3.776		
73	3.776	3.85%	8.86%
62.5	4		
62.5	4	0.26%	9.12%
61	4.035		
61	4.035	3.17%	12.29%
51	4.293		
51	4.293	4.02%	16.31%
43	4.54		
43	4.54	5.09%	21.40%
36	4.796		
36	4.796	5.90%	27.30%
30	5.059		
30	5.059	6.34%	33.64%
25	5.322		
25	5.322	6.31%	39.96%
21	5.573		
21	5.573	5.67%	45.62%
18	5.796		
18	5.796	6.68%	52.30%
15	6.059		
15	6.059	6.34%	58.63%
12.5	6.322		
12.5	6.322	5.57%	64.20%
10.5	6.573		
10.5	6.573	4.47%	68.67%
9	6.796		
9	6.796	4.78%	73.45%
7.5	7.059		
7.5	7.059	5.10%	78.55%
6	7.381		
6	7.381	3.56%	82.11%
5	7.644		
5	7.644	2.58%	84.69%
4.3	7.861		
4.3	7.861	1.13%	85.83%
4	7.966		
4	7.966	1.13%	86.96%
3.7	8.078		
3.7	8.078	2.33%	89.29%
3.1	8.334		
3.1	8.334	1.99%	91.28%
2.6	8.587		
2.6	8.587	1.62%	92.90%
2.2	8.828		
2.2	8.828	1.64%	94.54%
1.8	9.118		
1.8	9.118	1.24%	95.78%
1.5	9.381		
1.5	9.381	0.83%	96.62%
1.3	9.587		
1.3	9.587	0.83%	97.45%
1.1	9.828		
1.1	9.828	0.83%	98.27%
0.9	10.118		
< 0,900	> 10,118	1.73%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 63**
Livello (cm)	**(275-300)**
Peso totale (g)	19.4
Frazione > 63 μm (%)	18.0
Frazione < 63 μm (%)	82.0

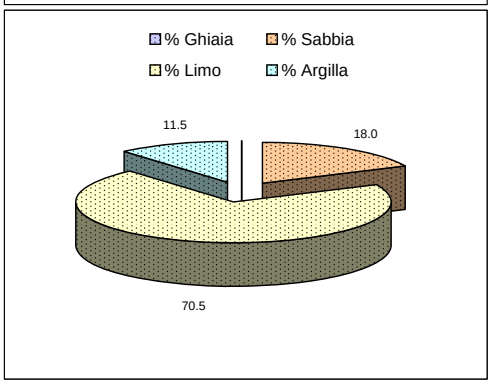
Frazione grossolana (> 63 μm) =	**18.0**
% Ghiaia	**% Sabbia**
0.0	**18.0**

Frazione pelitica (< 63 μm) =	**82.0**
% Limo	**% Argilla**
70.5	**11.5**

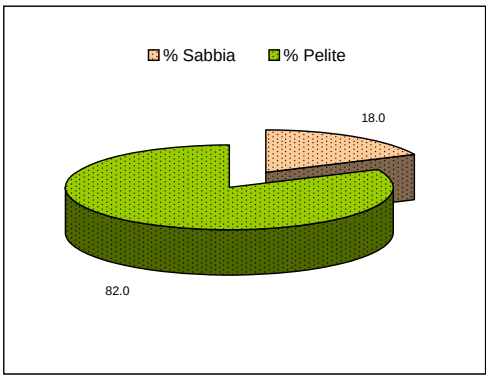
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.597
Deviazione Standard	1.891
Asimmetria (Skewness)	0.109
Appuntimento (Kurtosis)	1.149
Mediana (Φ)	5.459
Moda (Φ)	5.000

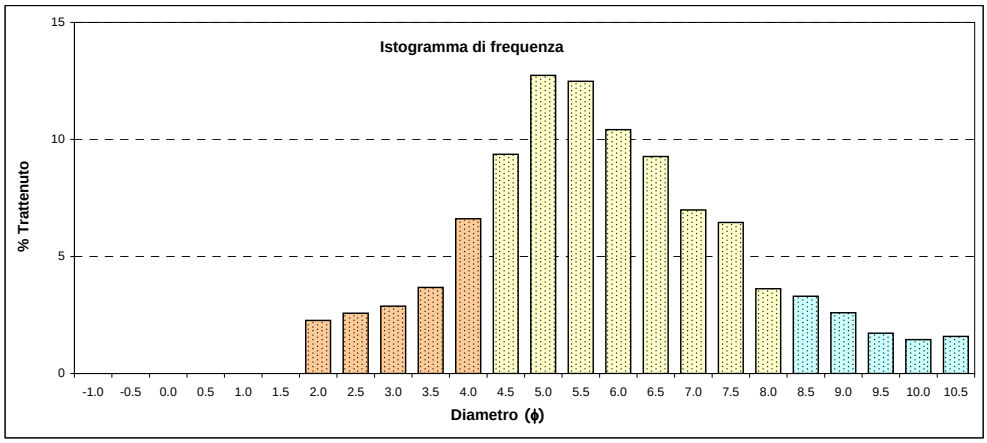
Percentili (Φ)	
5	2.524
16	3.865
25	4.418
50	5.459
75	6.749
84	7.468
95	9.060

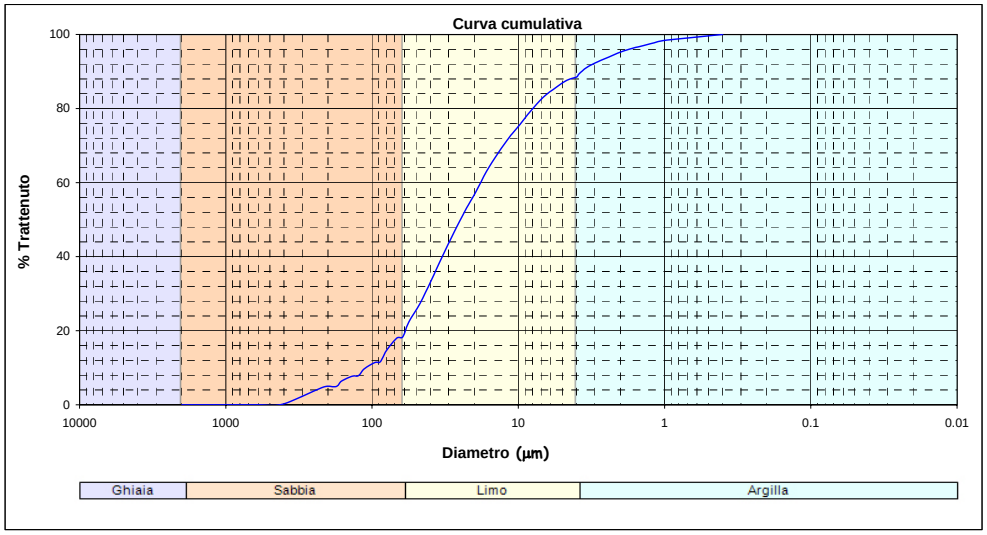
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.27%	2.27%
250	2		
250	2	2.58%	4.84%
176.78	2.5		
176.78	2.5	0.10%	4.94%
175	2.515		
175	2.515	1.50%	6.44%
147	2.766		
147	2.766	1.28%	7.72%
125	3		
125	3	0.16%	7.88%
123	3.023		
123	3.023	1.82%	9.70%
103	3.279		
103	3.279	1.70%	11.40%
88.39	3.5		
88.39	3.5	0.21%	11.61%
87	3.523		
87	3.523	2.95%	14.56%
73	3.776		
73	3.776	3.45%	18.01%
62.5	4		
62.5	4	0.33%	18.33%
61	4.035		
61	4.035	4.01%	22.34%
51	4.293		
51	4.293	5.03%	27.37%
43	4.54		
43	4.54	6.11%	33.48%
36	4.796		
36	4.796	6.62%	40.10%
30	5.059		
30	5.059	6.54%	46.64%
25	5.322		
25	5.322	5.95%	52.59%
21	5.573		
21	5.573	4.95%	57.54%
18	5.796		
18	5.796	5.47%	63.01%
15	6.059		
15	6.059	4.99%	68.00%
12.5	6.322		
12.5	6.322	4.28%	72.28%
10.5	6.573		
10.5	6.573	3.39%	75.67%
9	6.796		
9	6.796	3.59%	79.26%
7.5	7.059		
7.5	7.059	3.80%	83.07%
6	7.381		
6	7.381	2.65%	85.72%
5	7.644		
5	7.644	1.92%	87.64%
4.3	7.861		
4.3	7.861	0.85%	88.49%
4	7.966		
4	7.966	0.85%	89.35%
3.7	8.078		
3.7	8.078	1.77%	91.11%
3.1	8.334		
3.1	8.334	1.53%	92.65%
2.6	8.587		
2.6	8.587	1.27%	93.92%
2.2	8.828		
2.2	8.828	1.32%	95.24%
1.8	9.118		
1.8	9.118	1.02%	96.27%
1.5	9.381		
1.5	9.381	0.70%	96.97%
1.3	9.587		
1.3	9.587	0.72%	97.68%
1.1	9.828		
1.1	9.828	0.73%	98.42%
0.9	10.118		
< 0,900	> 10,118	1.58%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 64
Livello (cm)	(0-25)
Peso totale (g)	23.0
Frazione > 63 μm (%)	5.6
Frazione < 63 μm (%)	94.4

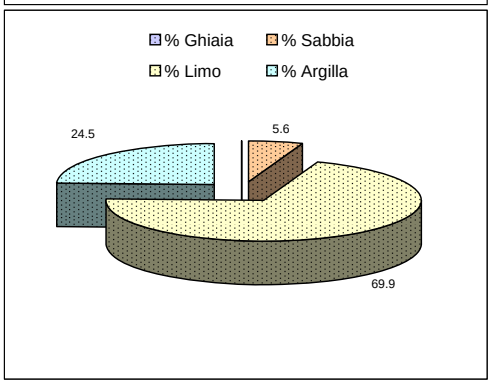
Frazione grossolana (> 63 μm) = 5.6	
% Ghiaia	% Sabbia
0.0	5.6

Frazione pelitica (< 63 μm) = 94.4	
% Limo	% Argilla
69.9	24.5

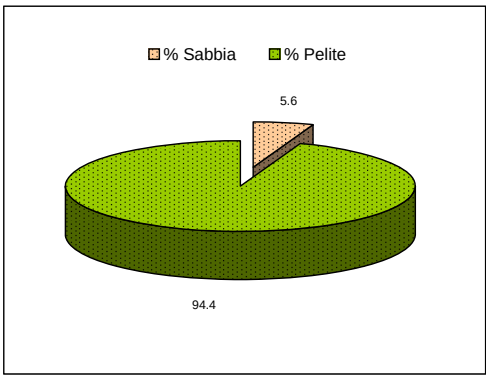
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.773
Deviazione Standard	1.796
Asimmetria (Skewness)	0.115
Appuntimento (Kurtosis)	1.050
Mediana (Φ)	6.610
Moda (Φ)	6.500

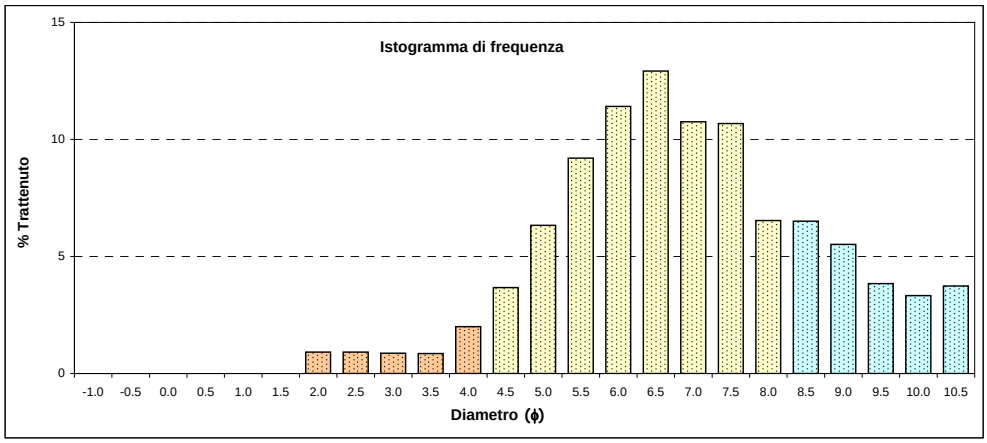
Percentili (Φ)	
5	3.881
16	5.084
25	5.584
50	6.610
75	7.932
84	8.624
95	9.897

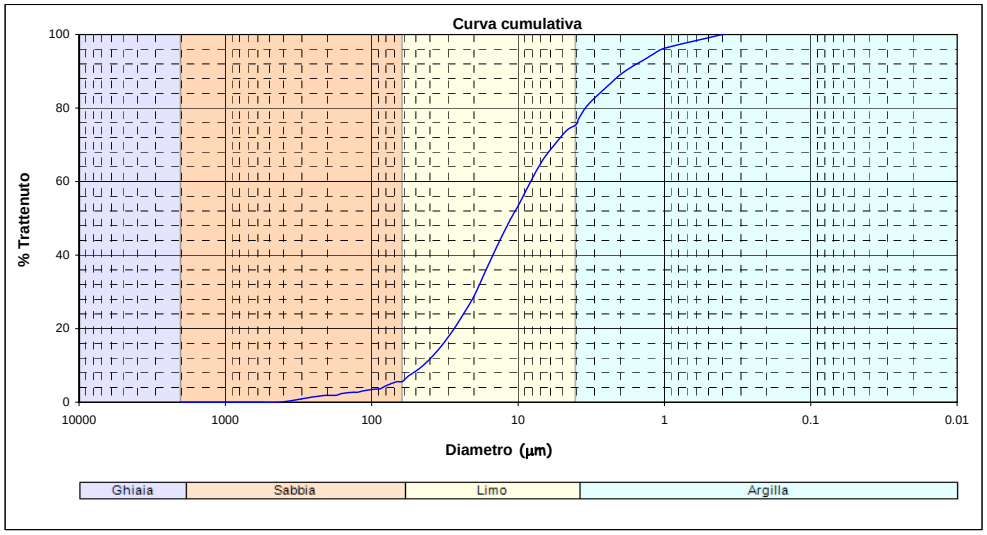
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.91%	0.91%
250	2		
250	2	0.91%	1.83%
176.78	2.5		
176.78	2.5	0.03%	1.86%
175	2.515		
175	2.515	0.47%	2.33%
147	2.766		
147	2.766	0.37%	2.70%
125	3		
125	3	0.04%	2.74%
123	3.023		
123	3.023	0.38%	3.12%
103	3.279		
103	3.279	0.44%	3.55%
88.39	3.5		
88.39	3.5	0.05%	3.60%
87	3.523		
87	3.523	0.86%	4.46%
73	3.776		
73	3.776	1.10%	5.56%
62.5	4		
62.5	4	0.12%	5.68%
61	4.035		
61	4.035	1.51%	7.19%
51	4.293		
51	4.293	2.04%	9.23%
43	4.54		
43	4.54	2.78%	12.01%
36	4.796		
36	4.796	3.55%	15.56%
30	5.059		
30	5.059	4.32%	19.87%
25	5.322		
25	5.322	4.89%	24.76%
21	5.573		
21	5.573	4.93%	29.69%
18	5.796		
18	5.796	6.48%	36.17%
15	6.059		
15	6.059	6.70%	42.87%
12.5	6.322		
12.5	6.322	6.22%	49.09%
10.5	6.573		
10.5	6.573	5.14%	54.23%
9	6.796		
9	6.796	5.62%	59.85%
7.5	7.059		
7.5	7.059	6.18%	66.03%
6	7.381		
6	7.381	4.50%	70.53%
5	7.644		
5	7.644	3.40%	73.93%
4.3	7.861		
4.3	7.861	1.57%	75.50%
4	7.966		
4	7.966	1.57%	77.06%
3.7	8.078		
3.7	8.078	3.41%	80.48%
3.1	8.334		
3.1	8.334	3.09%	83.57%
2.6	8.587		
2.6	8.587	2.66%	86.23%
2.2	8.828		
2.2	8.828	2.85%	89.09%
1.8	9.118		
1.8	9.118	2.27%	91.35%
1.5	9.381		
1.5	9.381	1.58%	92.93%
1.3	9.587		
1.3	9.587	1.64%	94.56%
1.1	9.828		
1.1	9.828	1.69%	96.26%
0.9	10.118		
< 0,900	> 10,118	3.74%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 64**
Livello (cm)	**(25-50)**
Peso totale (g)	27.7
Frazione > 63 μm (%)	12.7
Frazione < 63 μm (%)	87.3

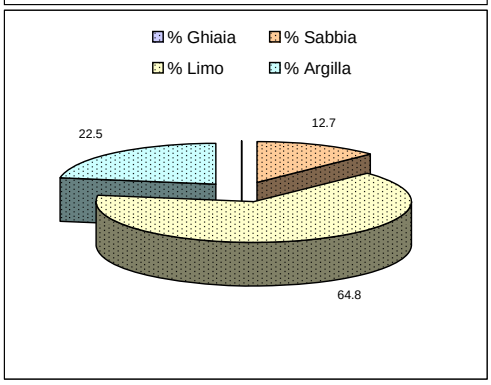
Frazione grossolana (> 63 μm) = 12.7	
% Ghiaia	**% Sabbia**
0.0	**12.7**

Frazione pelitica (< 63 μm) = 87.3	
% Limo	**% Argilla**
64.8	**22.5**

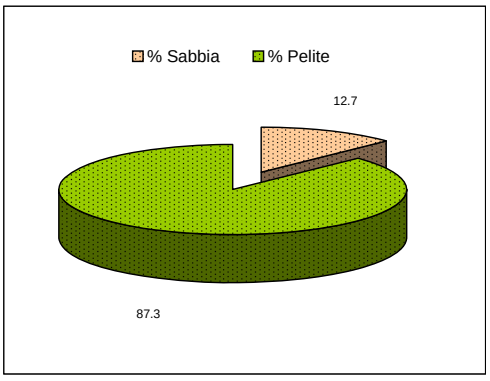
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.486
Deviazione Standard	2.089
Asimmetria (Skewness)	0.000
Appuntimento (Kurtosis)	1.174
Mediana (Φ)	6.405
Moda (Φ)	6.500

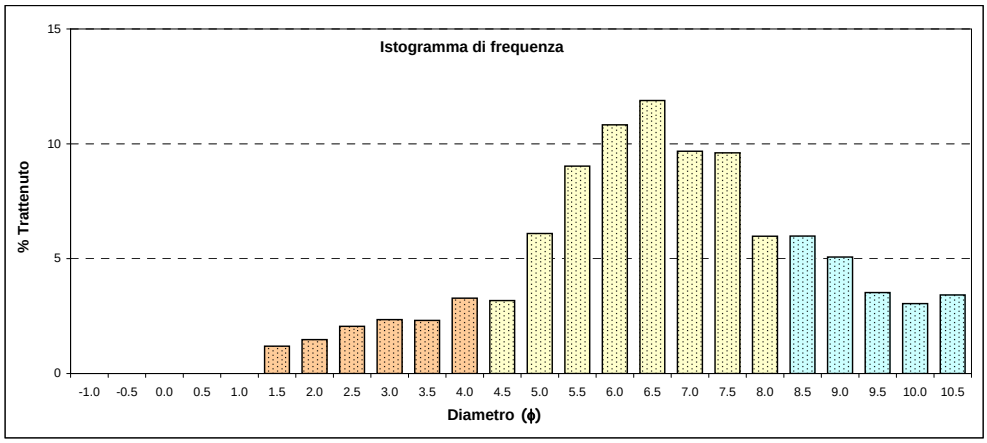
Percentili (Φ)	
5	2.550
16	4.553
25	5.243
50	6.405
75	7.782
84	8.499
95	9.824

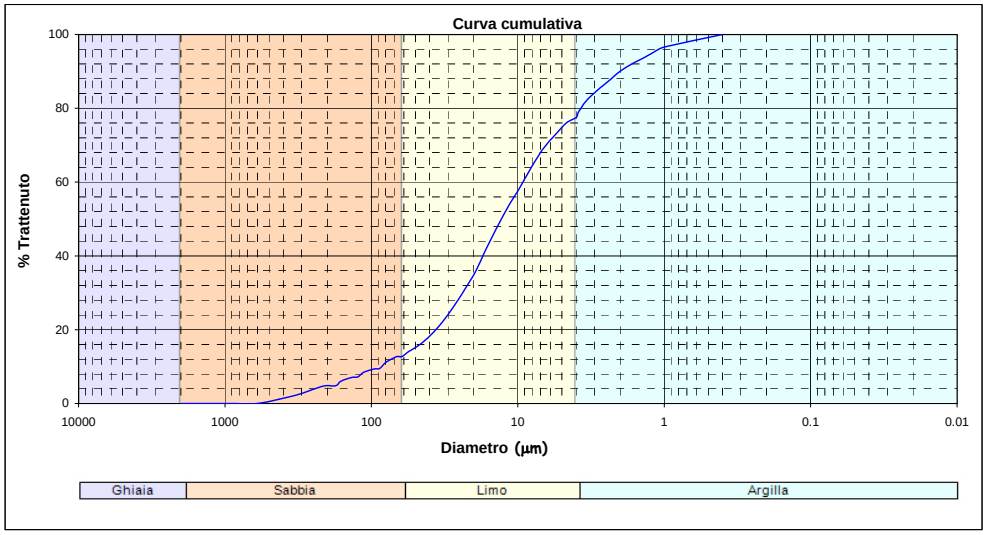
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.19%	1.19%
353.55	1.5		
353.55	1.5	1.48%	2.67%
250	2		
250	2	2.06%	4.73%
176.78	2.5		
176.78	2.5	0.08%	4.81%
175	2.515		
175	2.515	1.27%	6.08%
147	2.766		
147	2.766	1.00%	7.08%
125	3		
125	3	0.13%	7.20%
123	3.023		
123	3.023	1.26%	8.46%
103	3.279		
103	3.279	0.92%	9.39%
88.39	3.5		
88.39	3.5	0.13%	9.51%
87	3.523		
87	3.523	1.57%	11.08%
73	3.776		
73	3.776	1.59%	12.67%
62.5	4		
62.5	4	0.09%	12.76%
61	4.035		
61	4.035	1.26%	14.02%
51	4.293		
51	4.293	1.83%	15.85%
43	4.54		
43	4.54	2.63%	18.48%
36	4.796		
36	4.796	3.47%	21.95%
30	5.059		
30	5.059	4.26%	26.20%
25	5.322		
25	5.322	4.77%	30.98%
21	5.573		
21	5.573	4.73%	35.70%
18	5.796		
18	5.796	6.10%	41.80%
15	6.059		
15	6.059	6.20%	48.00%
12.5	6.322		
12.5	6.322	5.68%	53.69%
10.5	6.573		
10.5	6.573	4.65%	58.34%
9	6.796		
9	6.796	5.03%	63.37%
7.5	7.059		
7.5	7.059	5.54%	68.91%
6	7.381		
6	7.381	4.07%	72.98%
5	7.644		
5	7.644	3.10%	76.07%
4.3	7.861		
4.3	7.861	1.44%	77.51%
4	7.966		
4	7.966	1.44%	78.95%
3.7	8.078		
3.7	8.078	3.14%	82.09%
3.1	8.334		
3.1	8.334	2.85%	84.94%
2.6	8.587		
2.6	8.587	2.45%	87.39%
2.2	8.828		
2.2	8.828	2.62%	90.01%
1.8	9.118		
1.8	9.118	2.08%	92.09%
1.5	9.381		
1.5	9.381	1.44%	93.53%
1.3	9.587		
1.3	9.587	1.50%	95.03%
1.1	9.828		
1.1	9.828	1.55%	96.58%
0.9	10.118		
< 0,900	> 10,118	3.42%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 64
Livello (cm)	(50-75)
Peso totale (g)	26.4
Frazione > 63 μm (%)	14.1
Frazione < 63 μm (%)	85.9

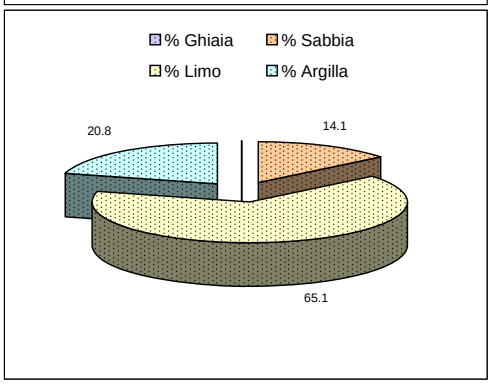
Frazione grossolana (> 63 μm) = 14.1	
% Ghiaia	% Sabbia
0.0	14.1

Frazione pelitica (< 63 μm) = 85.9	
% Limo	% Argilla
65.1	20.8

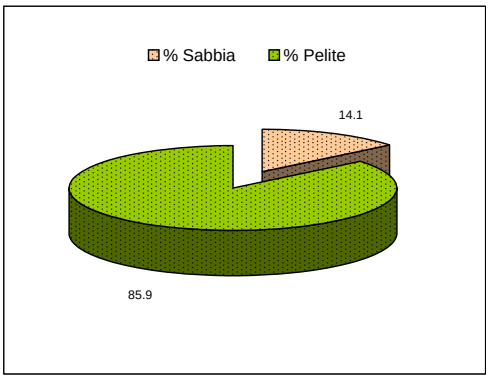
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.278
Deviazione Standard	2.186
Asimmetria (Skewness)	0.015
Appuntimento (Kurtosis)	1.158
Mediana (Φ)	6.166
Moda (Φ)	6.000

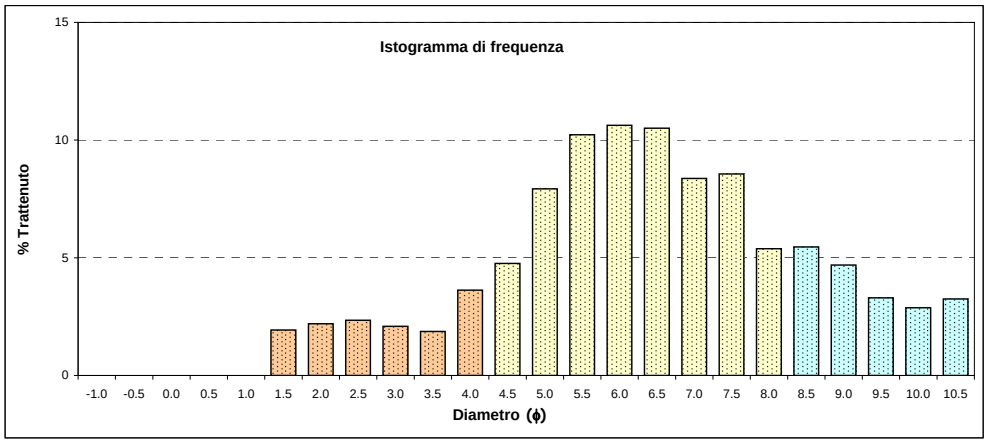
Percentili (Φ)	
5	2.166
16	4.267
25	4.948
50	6.166
75	7.641
84	8.400
95	9.776

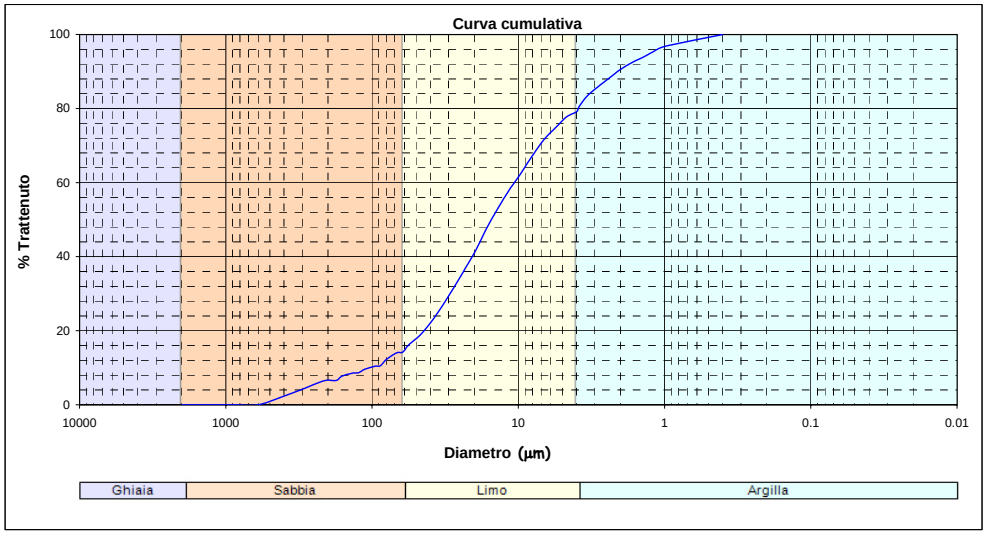
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.93%	1.93%
353.55	1.5		
353.55	1.5	2.20%	4.13%
250	2		
250	2	2.35%	6.48%
176.78	2.5		
176.78	2.5	0.07%	6.55%
175	2.515		
175	2.515	1.13%	7.68%
147	2.766		
147	2.766	0.89%	8.56%
125	3		
125	3	0.09%	8.65%
123	3.023		
123	3.023	0.91%	9.57%
103	3.279		
103	3.279	0.87%	10.43%
88.39	3.5		
88.39	3.5	0.12%	10.55%
87	3.523		
87	3.523	1.66%	12.21%
73	3.776		
73	3.776	1.85%	14.06%
62.5	4		
62.5	4	0.16%	14.22%
61	4.035		
61	4.035	1.97%	16.19%
51	4.293		
51	4.293	2.63%	18.82%
43	4.54		
43	4.54	3.54%	22.36%
36	4.796		
36	4.796	4.39%	26.75%
30	5.059		
30	5.059	5.01%	31.75%
25	5.322		
25	5.322	5.22%	36.97%
21	5.573		
21	5.573	4.82%	41.79%
18	5.796		
18	5.796	5.80%	47.60%
15	6.059		
15	6.059	5.58%	53.18%
12.5	6.322		
12.5	6.322	4.93%	58.10%
10.5	6.573		
10.5	6.573	3.99%	62.10%
9	6.796		
9	6.796	4.38%	66.48%
7.5	7.059		
7.5	7.059	4.92%	71.39%
6	7.381		
6	7.381	3.64%	75.04%
5	7.644		
5	7.644	2.78%	77.82%
4.3	7.861		
4.3	7.861	1.30%	79.12%
4	7.966		
4	7.966	1.30%	80.42%
3.7	8.078		
3.7	8.078	2.85%	83.27%
3.1	8.334		
3.1	8.334	2.61%	85.88%
2.6	8.587		
2.6	8.587	2.26%	88.14%
2.2	8.828		
2.2	8.828	2.44%	90.57%
1.8	9.118		
1.8	9.118	1.94%	92.52%
1.5	9.381		
1.5	9.381	1.36%	93.88%
1.3	9.587		
1.3	9.587	1.41%	95.29%
1.1	9.828		
1.1	9.828	1.46%	96.75%
0.9	10.118		
< 0,900	> 10,118	3.25%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 64**
Livello (cm)	**(75-100)**
Peso totale (g)	56.4
Frazione > 63 μm (%)	37.5
Frazione < 63 μm (%)	62.5

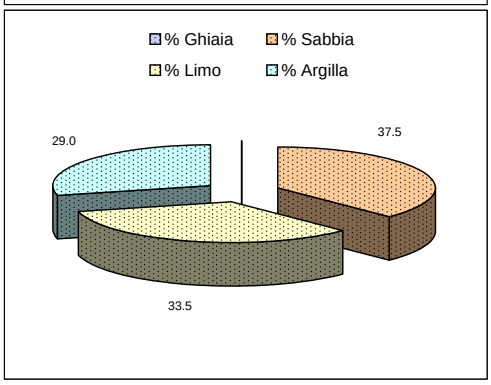
Frazione grossolana (> 63 μm) =	**37.5**
% Ghiaia	**% Sabbia**
0.0	**37.5**

Frazione pelitica (< 63 μm) =	**62.5**
% Limo	**% Argilla**
33.5	**29.0**

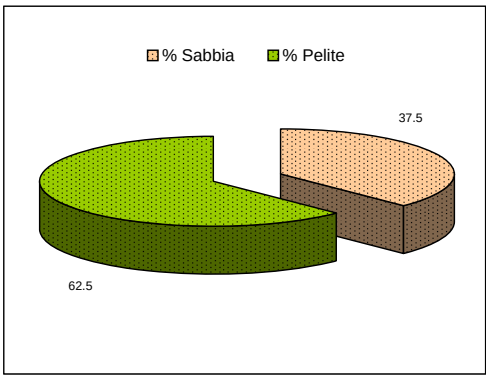
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.277
Deviazione Standard	3.770
Asimmetria (Skewness)	-0.343
Appuntimento (Kurtosis)	0.688
Mediana (Φ)	6.364
Moda (Φ)	7.500

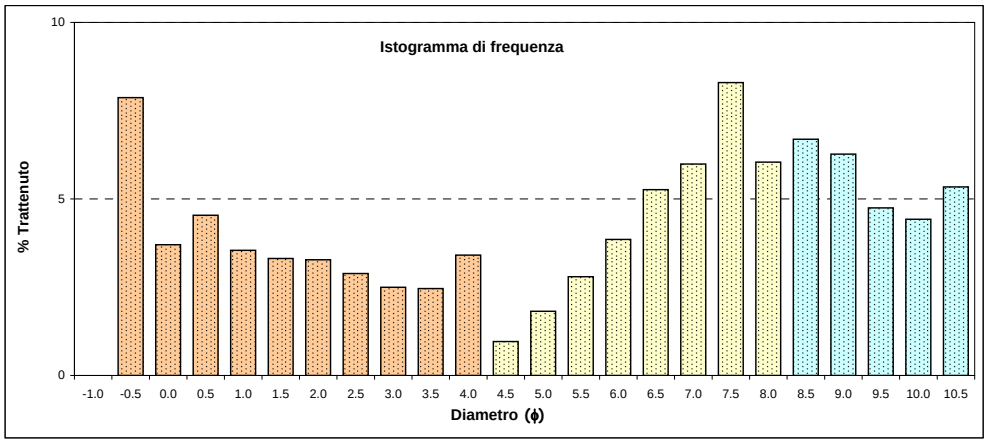
Percentili (Φ)	
5	-0.703
16	0.485
25	1.788
50	6.364
75	8.258
84	8.981
95	10.159

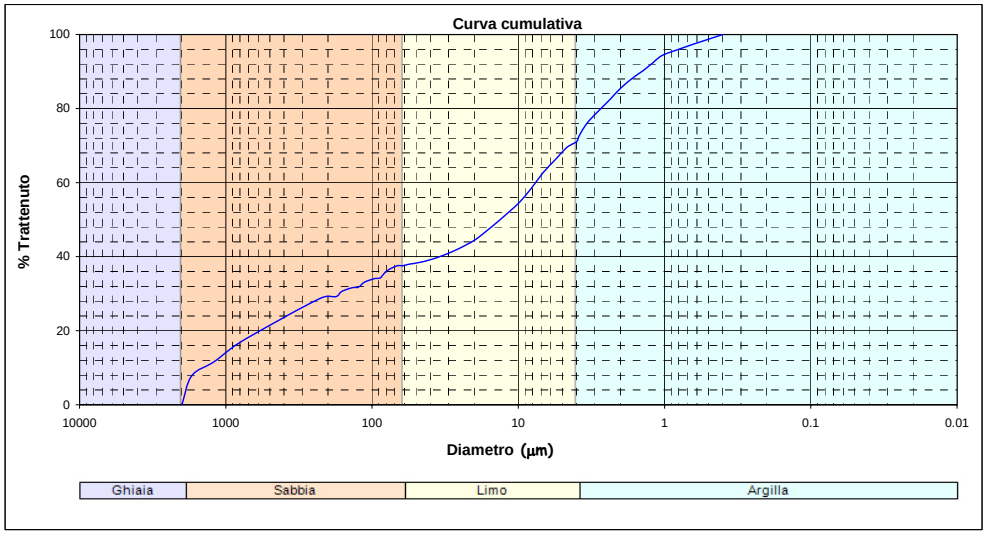
LOAM
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	7.87%	7.87%
1414.21	-0.5		
1414.21	-0.5	3.70%	11.57%
1000	0		
1000	0	4.54%	16.11%
707.11	0.5		
707.11	0.5	3.54%	19.66%
500	1		
500	1	3.31%	22.97%
353.55	1.5		
353.55	1.5	3.28%	26.25%
250	2		
250	2	2.89%	29.14%
176.78	2.5		
176.78	2.5	0.09%	29.23%
175	2.515		
175	2.515	1.35%	30.58%
147	2.766		
147	2.766	1.06%	31.64%
125	3		
125	3	0.13%	31.77%
123	3.023		
123	3.023	1.35%	33.12%
103	3.279		
103	3.279	0.98%	34.10%
88.39	3.5		
88.39	3.5	0.16%	34.27%
87	3.523		
87	3.523	1.78%	36.05%
73	3.776		
73	3.776	1.47%	37.51%
62.5	4		
62.5	4	0.03%	37.54%
61	4.035		
61	4.035	0.39%	37.93%
51	4.293		
51	4.293	0.54%	38.47%
43	4.54		
43	4.54	0.78%	39.25%
36	4.796		
36	4.796	1.03%	40.29%
30	5.059		
30	5.059	1.29%	41.58%
25	5.322		
25	5.322	1.51%	43.08%
21	5.573		
21	5.573	1.59%	44.68%
18	5.796		
18	5.796	2.26%	46.94%
15	6.059		
15	6.059	2.57%	49.51%
12.5	6.322		
12.5	6.322	2.69%	52.20%
10.5	6.573		
10.5	6.573	2.58%	54.78%
9	6.796		
9	6.796	3.41%	58.19%
7.5	7.059		
7.5	7.059	4.54%	62.73%
6	7.381		
6	7.381	3.75%	66.48%
5	7.644		
5	7.644	3.06%	69.54%
4.3	7.861		
4.3	7.861	1.49%	71.03%
4	7.966		
4	7.966	1.49%	72.53%
3.7	8.078		
3.7	8.078	3.43%	75.95%
3.1	8.334		
3.1	8.334	3.27%	79.22%
2.6	8.587		
2.6	8.587	2.95%	82.17%
2.2	8.828		
2.2	8.828	3.32%	85.49%
1.8	9.118		
1.8	9.118	2.76%	88.25%
1.5	9.381		
1.5	9.381	1.99%	90.24%
1.3	9.587		
1.3	9.587	2.14%	92.37%
1.1	9.828		
1.1	9.828	2.29%	94.66%
0.9	10.118		
< 0,900	> 10,118	5.34%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 64
Livello (cm)	(100-125)
Peso totale (g)	31.4
Frazione > 63 µm (%)	27.3
Frazione < 63 µm (%)	72.7

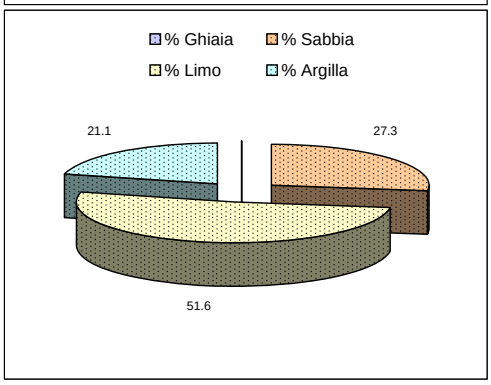
Frazione grossolana (> 63 µm) = 27.3	
% Ghiaia	% Sabbia
0.0	27.3

Frazione pelitica (< 63 µm) = 72.7	
% Limo	% Argilla
51.6	21.1

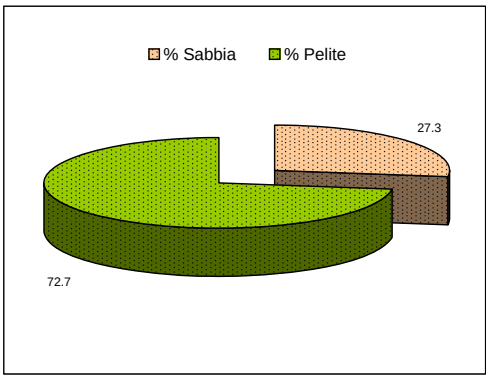
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.609
Deviazione Standard	2.837
Asimmetria (Skewness)	-0.185
Appuntimento (Kurtosis)	0.910
Mediana (Φ)	6.061
Moda (Φ)	6.500

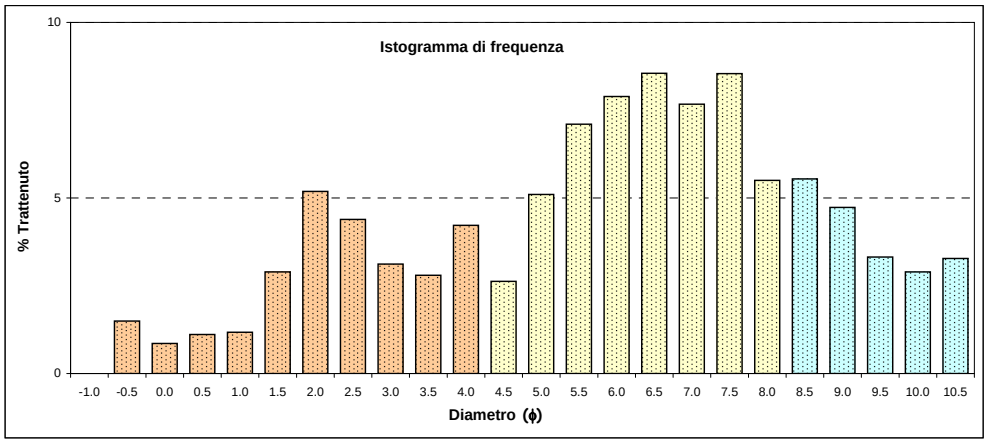
Percentili (Φ)	
5	1.053
16	2.355
25	3.732
50	6.061
75	7.663
84	8.412
95	9.783

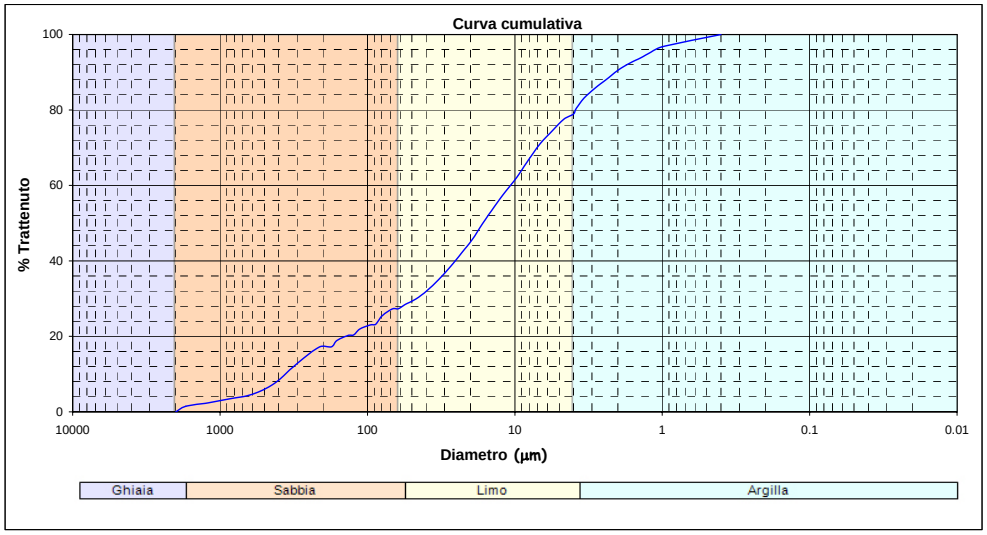
LOAM
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	1.50%	1.50%
1414.21	-0.5		
1414.21	-0.5	0.86%	2.35%
1000	0		
1000	0	1.11%	3.47%
707.11	0.5		
707.11	0.5	1.18%	4.65%
500	1		
500	1	2.90%	7.54%
353.55	1.5		
353.55	1.5	5.19%	12.73%
250	2		
250	2	4.39%	17.12%
176.78	2.5		
176.78	2.5	0.11%	17.23%
175	2.515		
175	2.515	1.69%	18.91%
147	2.766		
147	2.766	1.32%	20.24%
125	3		
125	3	0.15%	20.39%
123	3.023		
123	3.023	1.53%	21.92%
103	3.279		
103	3.279	1.12%	23.04%
88.39	3.5		
88.39	3.5	0.19%	23.23%
87	3.523		
87	3.523	2.11%	25.34%
73	3.776		
73	3.776	1.92%	27.26%
62.5	4		
62.5	4	0.07%	27.33%
61	4.035		
61	4.035	1.03%	28.35%
51	4.293		
51	4.293	1.53%	29.88%
43	4.54		
43	4.54	2.21%	32.10%
36	4.796		
36	4.796	2.88%	34.98%
30	5.059		
30	5.059	3.42%	38.40%
25	5.322		
25	5.322	3.68%	42.08%
21	5.573		
21	5.573	3.51%	45.58%
18	5.796		
18	5.796	4.38%	49.97%
15	6.059		
15	6.059	4.42%	54.39%
12.5	6.322		
12.5	6.322	4.13%	58.52%
10.5	6.573		
10.5	6.573	3.55%	62.07%
9	6.796		
9	6.796	4.13%	66.19%
7.5	7.059		
7.5	7.059	4.86%	71.05%
6	7.381		
6	7.381	3.69%	74.73%
5	7.644		
5	7.644	2.84%	77.58%
4.3	7.861		
4.3	7.861	1.33%	78.91%
4	7.966		
4	7.966	1.33%	80.23%
3.7	8.078		
3.7	8.078	2.90%	83.14%
3.1	8.334		
3.1	8.334	2.64%	85.78%
2.6	8.587		
2.6	8.587	2.28%	88.06%
2.2	8.828		
2.2	8.828	2.45%	90.51%
1.8	9.118		
1.8	9.118	1.95%	92.46%
1.5	9.381		
1.5	9.381	1.36%	93.83%
1.3	9.587		
1.3	9.587	1.42%	95.25%
1.1	9.828		
1.1	9.828	1.47%	96.72%
0.9	10.118		
< 0,900	> 10,118	3.28%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 64**
Livello (cm)	**(125-150)**
Peso totale (g)	104.1
Frazione > 63 μm (%)	96.5
Frazione < 63 μm (%)	3.5

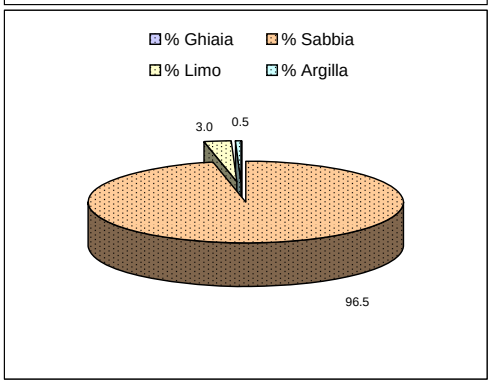
Frazione grossolana (> 63 μm) = 96.5	
% Ghiaia	**% Sabbia**
0.0	**96.5**

Frazione pelitica (< 63 μm) = 3.5	
% Limo	**% Argilla**
3.0	**0.5**

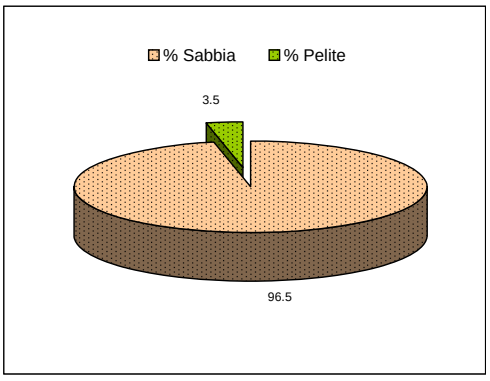
Parametri statistici (Folk & Ward***)	
Media (Φ)	1.962
Deviazione Standard	0.680
Asimmetria (Skewness)	0.191
Appuntimento (Kurtosis)	1.336
Mediana (Φ)	1.929
Moda (Φ)	2.000

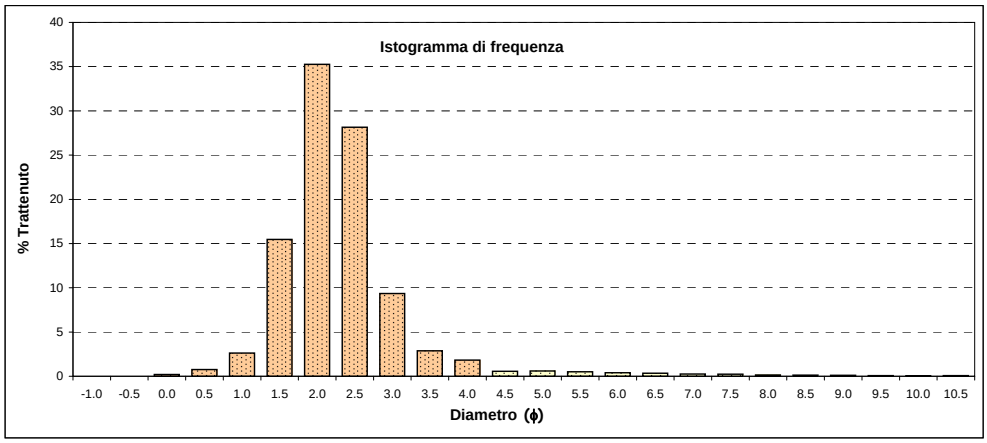
Percentili (Φ)	
5	1.039
16	1.386
25	1.573
50	1.929
75	2.349
84	2.571
95	3.570

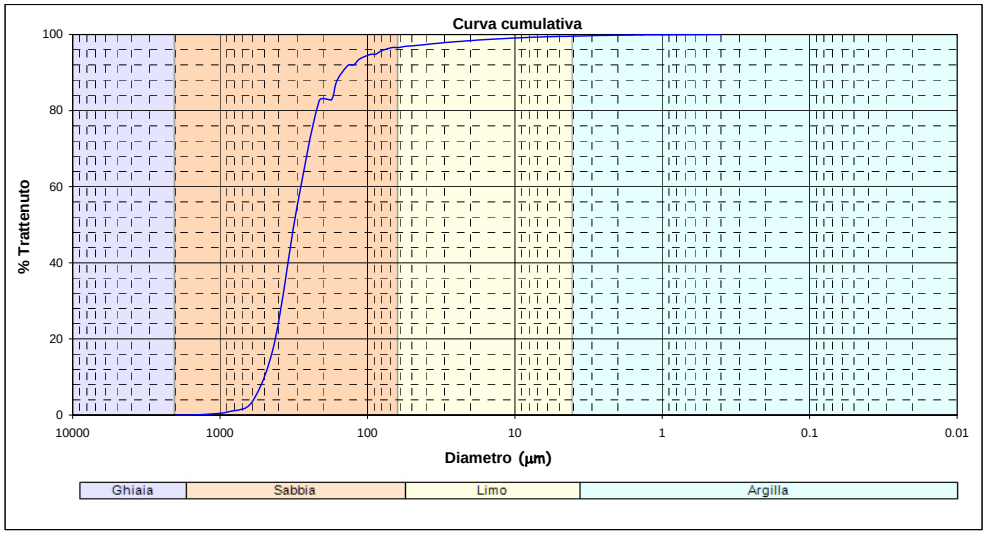
SABBIA
(Classificazione di Shepard**)



SABBIA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.20%	0.20%
1000	0		
1000	0	0.77%	0.97%
707.11	0.5		
707.11	0.5	2.62%	3.59%
500	1		
500	1	15.47%	19.06%
353.55	1.5		
353.55	1.5	35.26%	54.32%
250	2		
250	2	28.16%	82.48%
176.78	2.5		
176.78	2.5	0.32%	82.80%
175	2.515		
175	2.515	5.05%	87.84%
147	2.766		
147	2.766	3.99%	91.84%
125	3		
125	3	0.15%	91.99%
123	3.023		
123	3.023	1.56%	93.55%
103	3.279		
103	3.279	1.17%	94.72%
88.39	3.5		
88.39	3.5	0.09%	94.81%
87	3.523		
87	3.523	0.95%	95.76%
73	3.776		
73	3.776	0.78%	96.55%
62.5	4		
62.5	4	0.03%	96.57%
61	4.035		
61	4.035	0.26%	96.83%
51	4.293		
51	4.293	0.28%	97.10%
43	4.54		
43	4.54	0.30%	97.40%
36	4.796		
36	4.796	0.29%	97.69%
30	5.059		
30	5.059	0.27%	97.96%
25	5.322		
25	5.322	0.24%	98.20%
21	5.573		
21	5.573	0.19%	98.39%
18	5.796		
18	5.796	0.21%	98.59%
15	6.059		
15	6.059	0.18%	98.78%
12.5	6.322		
12.5	6.322	0.16%	98.94%
10.5	6.573		
10.5	6.573	0.12%	99.06%
9	6.796		
9	6.796	0.13%	99.19%
7.5	7.059		
7.5	7.059	0.14%	99.33%
6	7.381		
6	7.381	0.10%	99.43%
5	7.644		
5	7.644	0.07%	99.51%
4.3	7.861		
4.3	7.861	0.03%	99.54%
4	7.966		
4	7.966	0.03%	99.57%
3.7	8.078		
3.7	8.078	0.07%	99.64%
3.1	8.334		
3.1	8.334	0.06%	99.70%
2.6	8.587		
2.6	8.587	0.05%	99.74%
2.2	8.828		
2.2	8.828	0.05%	99.80%
1.8	9.118		
1.8	9.118	0.04%	99.84%
1.5	9.381		
1.5	9.381	0.03%	99.87%
1.3	9.587		
1.3	9.587	0.03%	99.90%
1.1	9.828		
1.1	9.828	0.03%	99.93%
0.9	10.118		
< 0,900	> 10,118	0.07%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 64**
Livello (cm)	**(150-175)**
Peso totale (g)	159.0
Frazione > 63 μm (%)	91.6
Frazione < 63 μm (%)	8.4

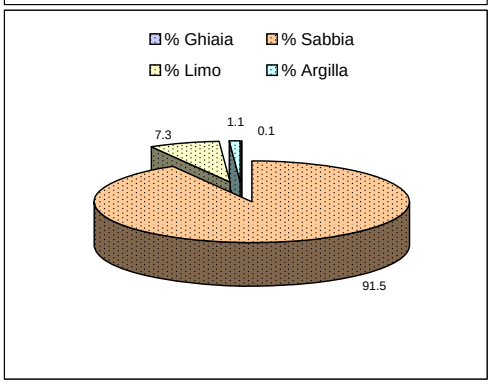
Frazione grossolana (> 63 μm) = 91.6	
% Ghiaia	**% Sabbia**
0.1	**91.5**

Frazione pelitica (< 63 μm) = 8.4	
% Limo	**% Argilla**
7.3	**1.1**

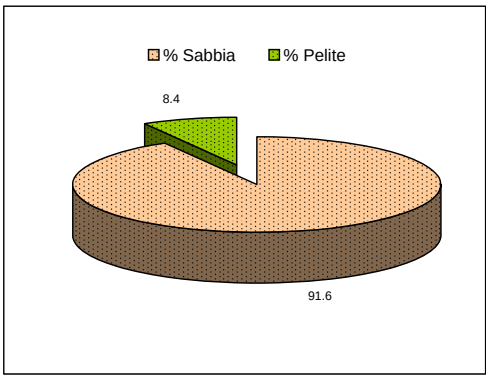
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.171
Deviazione Standard	1.142
Asimmetria (Skewness)	0.379
Appuntimento (Kurtosis)	1.706
Mediana (Φ)	2.027
Moda (Φ)	2.000

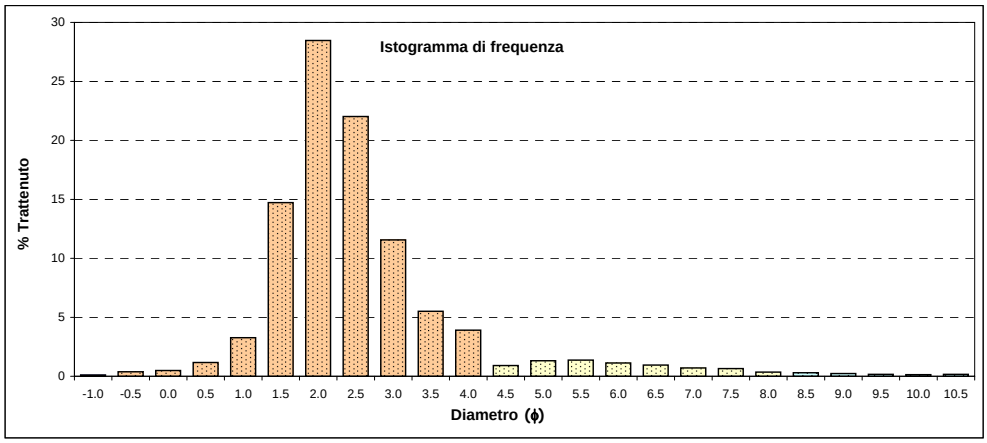
Percentili (Φ)	
5	0.926
16	1.341
25	1.574
50	2.027
75	2.669
84	3.145
95	5.486

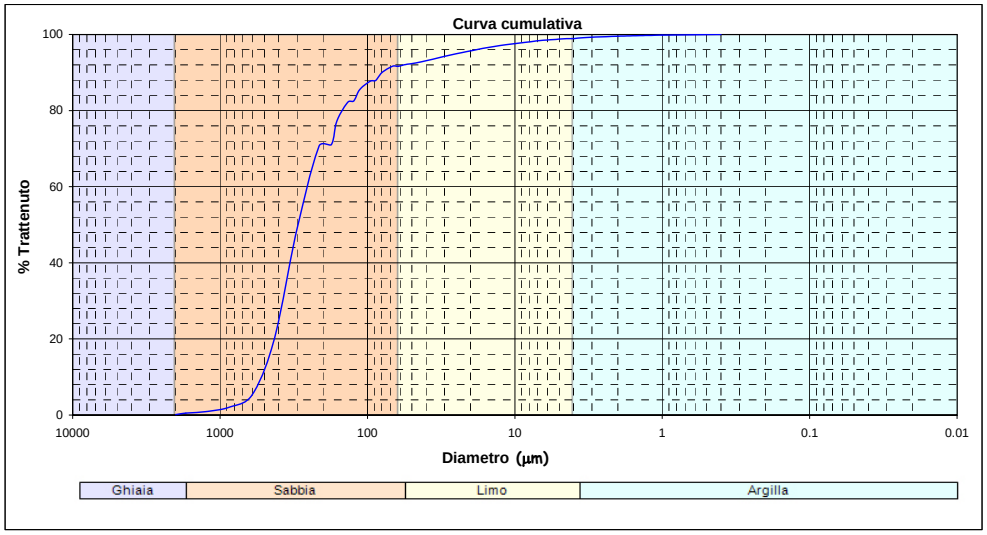
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.11%	0.11%
2000	-1	0.38%	0.49%
1414.21	-0.5		
1414.21	-0.5	0.48%	0.97%
1000	0		
1000	0	1.17%	2.14%
707.11	0.5		
707.11	0.5	3.27%	5.41%
500	1		
500	1	14.73%	20.14%
353.55	1.5		
353.55	1.5	28.47%	48.61%
250	2		
250	2	22.03%	70.64%
176.78	2.5		
176.78	2.5	0.39%	71.03%
175	2.515		
175	2.515	6.24%	77.28%
147	2.766		
147	2.766	4.93%	82.20%
125	3		
125	3	0.30%	82.50%
123	3.023		
123	3.023	3.00%	85.50%
103	3.279		
103	3.279	2.21%	87.72%
88.39	3.5		
88.39	3.5	0.20%	87.91%
87	3.523		
87	3.523	2.05%	89.96%
73	3.776		
73	3.776	1.65%	91.62%
62.5	4		
62.5	4	0.03%	91.65%
61	4.035		
61	4.035	0.39%	92.04%
51	4.293		
51	4.293	0.50%	92.53%
43	4.54		
43	4.54	0.62%	93.15%
36	4.796		
36	4.796	0.70%	93.85%
30	5.059		
30	5.059	0.71%	94.56%
25	5.322		
25	5.322	0.65%	95.22%
21	5.573		
21	5.573	0.54%	95.76%
18	5.796		
18	5.796	0.59%	96.34%
15	6.059		
15	6.059	0.52%	96.86%
12.5	6.322		
12.5	6.322	0.43%	97.30%
10.5	6.573		
10.5	6.573	0.34%	97.64%
9	6.796		
9	6.796	0.36%	98.00%
7.5	7.059		
7.5	7.059	0.39%	98.39%
6	7.381		
6	7.381	0.27%	98.65%
5	7.644		
5	7.644	0.19%	98.84%
4.3	7.861		
4.3	7.861	0.08%	98.93%
4	7.966		
4	7.966	0.08%	99.01%
3.7	8.078		
3.7	8.078	0.16%	99.17%
3.1	8.334		
3.1	8.334	0.14%	99.31%
2.6	8.587		
2.6	8.587	0.11%	99.42%
2.2	8.828		
2.2	8.828	0.12%	99.54%
1.8	9.118		
1.8	9.118	0.09%	99.63%
1.5	9.381		
1.5	9.381	0.06%	99.70%
1.3	9.587		
1.3	9.587	0.07%	99.76%
1.1	9.828		
1.1	9.828	0.07%	99.83%
0.9	10.118		
< 0,900	> 10,118	0.17%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 64**
Livello (cm)	**(175-200)**
Peso totale (g)	101.0
Frazione > 63 μm (%)	82.7
Frazione < 63 μm (%)	17.3

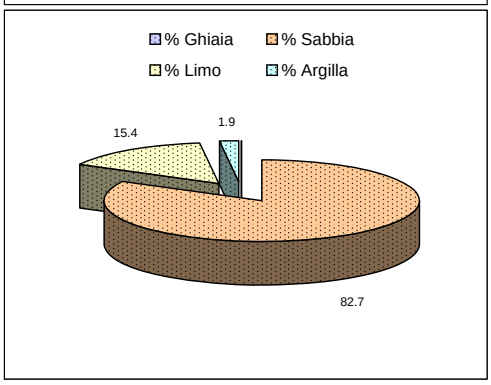
Frazione grossolana (> 63 μm) =	**82.7**
% Ghiaia	**% Sabbia**
0.0	**82.7**

Frazione pelitica (< 63 μm) =	**17.3**
% Limo	**% Argilla**
15.4	**1.9**

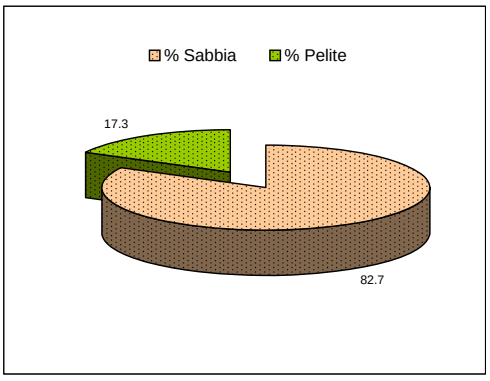
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.945
Deviazione Standard	1.402
Asimmetria (Skewness)	0.296
Appuntimento (Kurtosis)	1.321
Mediana (Φ)	2.791
Moda (Φ)	3.000

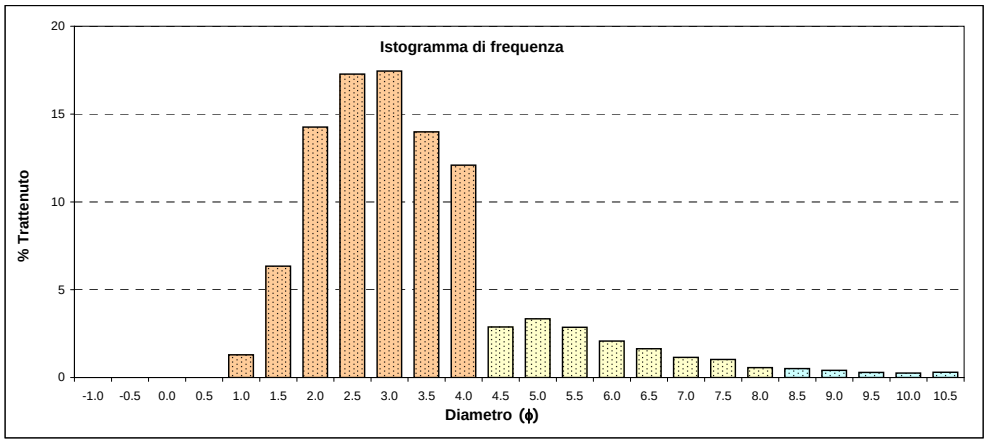
Percentili (Φ)	
5	1.271
16	1.772
25	2.078
50	2.791
75	3.669
84	4.272
95	6.399

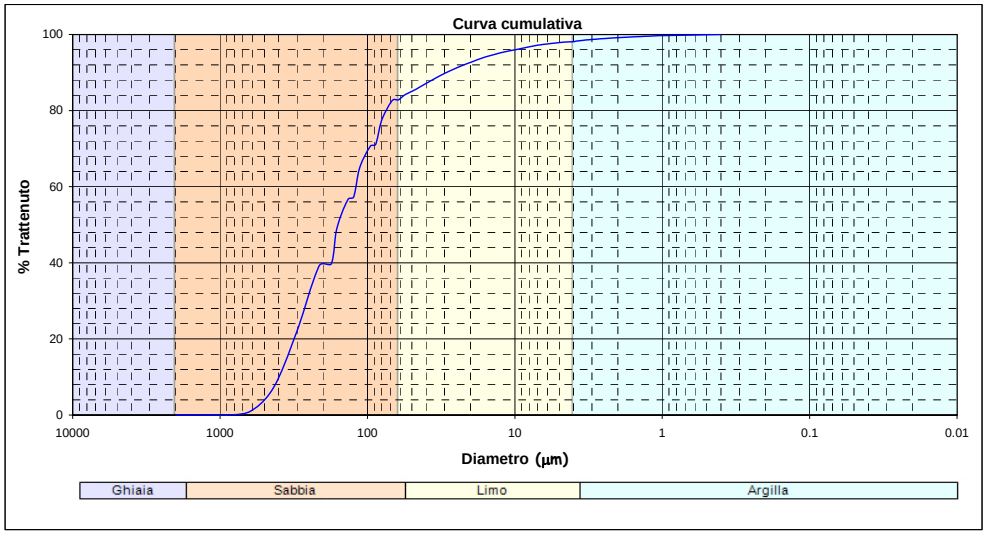
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	1.30%	1.30%
500	1		
500	1	6.34%	7.64%
353.55	1.5		
353.55	1.5	14.26%	21.89%
250	2		
250	2	17.28%	39.17%
176.78	2.5		
176.78	2.5	0.59%	39.76%
175	2.515		
175	2.515	9.38%	49.14%
147	2.766		
147	2.766	7.48%	56.62%
125	3		
125	3	0.75%	57.37%
123	3.023		
123	3.023	7.58%	64.95%
103	3.279		
103	3.279	5.65%	70.60%
88.39	3.5		
88.39	3.5	0.60%	71.21%
87	3.523		
87	3.523	6.35%	77.55%
73	3.776		
73	3.776	5.14%	82.70%
62.5	4		
62.5	4	0.12%	82.81%
61	4.035		
61	4.035	1.29%	84.10%
51	4.293		
51	4.293	1.48%	85.58%
43	4.54		
43	4.54	1.66%	87.24%
36	4.796		
36	4.796	1.68%	88.92%
30	5.059		
30	5.059	1.54%	90.46%
25	5.322		
25	5.322	1.31%	91.78%
21	5.573		
21	5.573	1.02%	92.80%
18	5.796		
18	5.796	1.06%	93.86%
15	6.059		
15	6.059	0.90%	94.76%
12.5	6.322		
12.5	6.322	0.73%	95.49%
10.5	6.573		
10.5	6.573	0.56%	96.06%
9	6.796		
9	6.796	0.58%	96.64%
7.5	7.059		
7.5	7.059	0.61%	97.25%
6	7.381		
6	7.381	0.42%	97.67%
5	7.644		
5	7.644	0.30%	97.97%
4.3	7.861		
4.3	7.861	0.13%	98.10%
4	7.966		
4	7.966	0.13%	98.23%
3.7	8.078		
3.7	8.078	0.27%	98.50%
3.1	8.334		
3.1	8.334	0.24%	98.74%
2.6	8.587		
2.6	8.587	0.20%	98.94%
2.2	8.828		
2.2	8.828	0.21%	99.15%
1.8	9.118		
1.8	9.118	0.17%	99.32%
1.5	9.381		
1.5	9.381	0.12%	99.44%
1.3	9.587		
1.3	9.587	0.13%	99.56%
1.1	9.828		
1.1	9.828	0.13%	99.70%
0.9	10.118		
< 0,900	> 10,118	0.30%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 65
Livello (cm)	(0-25)
Peso totale (g)	21.9
Frazione > 63 μm (%)	9.5
Frazione < 63 μm (%)	90.5

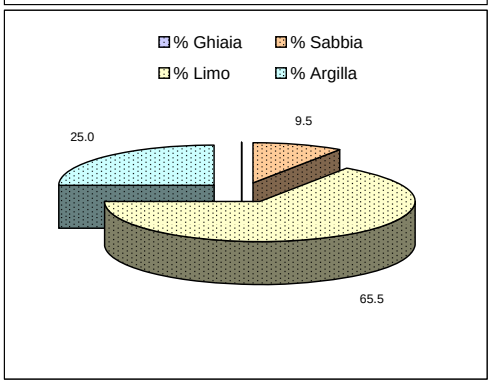
Frazione grossolana (> 63 μm) = 9.5	
% Ghiaia	% Sabbia
0.0	9.5

Frazione pelitica (< 63 μm) = 90.5	
% Limo	% Argilla
65.5	25.0

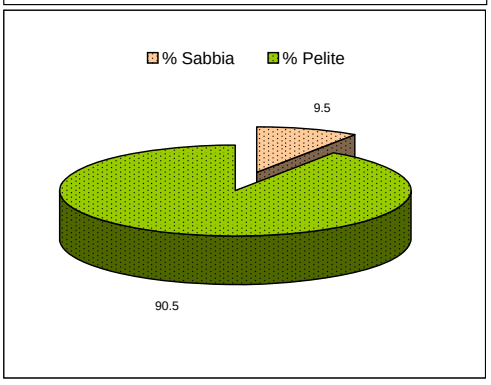
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.683
Deviazione Standard	1.950
Asimmetria (Skewness)	0.085
Appuntimento (Kurtosis)	1.000
Mediana (Φ)	6.570
Moda (Φ)	6.500

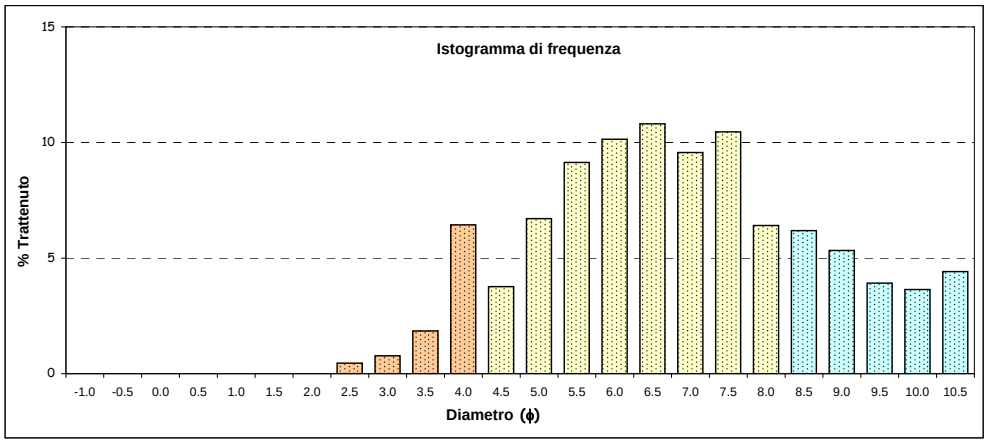
Percentili (Φ)	
5	3.644
16	4.774
25	5.352
50	6.570
75	7.967
84	8.706
95	10.022

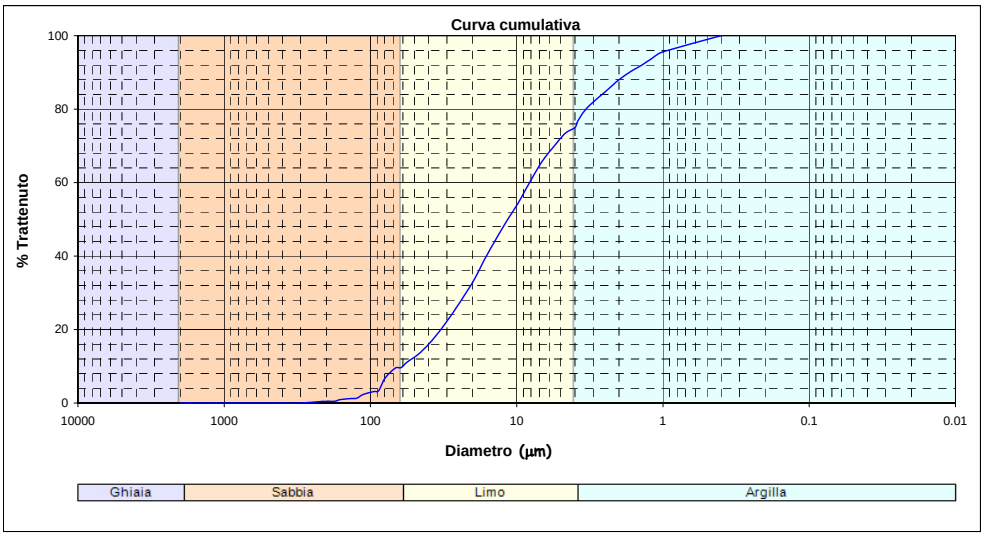
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	0.46%	0.46%
176.78	2.5		
176.78	2.5	0.03%	0.48%
175	2.515		
175	2.515	0.42%	0.90%
147	2.766		
147	2.766	0.33%	1.23%
125	3		
125	3	0.09%	1.33%
123	3.023		
123	3.023	0.92%	2.25%
103	3.279		
103	3.279	0.83%	3.08%
88.39	3.5		
88.39	3.5	0.29%	3.37%
87	3.523		
87	3.523	3.26%	6.63%
73	3.776		
73	3.776	2.89%	9.52%
62.5	4		
62.5	4	0.12%	9.64%
61	4.035		
61	4.035	1.52%	11.16%
51	4.293		
51	4.293	2.12%	13.28%
43	4.54		
43	4.54	2.95%	16.24%
36	4.796		
36	4.796	3.75%	19.99%
30	5.059		
30	5.059	4.41%	24.39%
25	5.322		
25	5.322	4.73%	29.13%
21	5.573		
21	5.573	4.51%	33.64%
18	5.796		
18	5.796	5.62%	39.27%
15	6.059		
15	6.059	5.62%	44.88%
12.5	6.322		
12.5	6.322	5.19%	50.07%
10.5	6.573		
10.5	6.573	4.43%	54.50%
9	6.796		
9	6.796	5.14%	59.64%
7.5	7.059		
7.5	7.059	6.00%	65.63%
6	7.381		
6	7.381	4.46%	70.10%
5	7.644		
5	7.644	3.36%	73.46%
4.3	7.861		
4.3	7.861	1.52%	74.98%
4	7.966		
4	7.966	1.52%	76.51%
3.7	8.078		
3.7	8.078	3.26%	79.76%
3.1	8.334		
3.1	8.334	2.93%	82.69%
2.6	8.587		
2.6	8.587	2.54%	85.24%
2.2	8.828		
2.2	8.828	2.79%	88.02%
1.8	9.118		
1.8	9.118	2.28%	90.31%
1.5	9.381		
1.5	9.381	1.63%	91.94%
1.3	9.587		
1.3	9.587	1.75%	93.70%
1.1	9.828		
1.1	9.828	1.89%	95.58%
0.9	10.118		
< 0,900	> 10,118	4.42%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 65**
Livello (cm)	**(25-50)**
Peso totale (g)	32.2
Frazione > 63 μm (%)	39.9
Frazione < 63 μm (%)	60.1

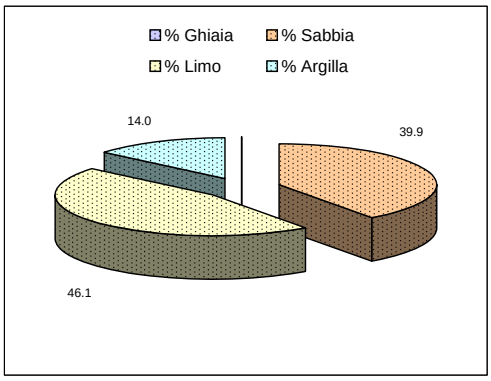
Frazione grossolana (> 63 μm) = 39.9	
% Ghiaia	**% Sabbia**
0.0	**39.9**

Frazione pelitica (< 63 μm) = 60.1	
% Limo	**% Argilla**
46.1	**14.0**

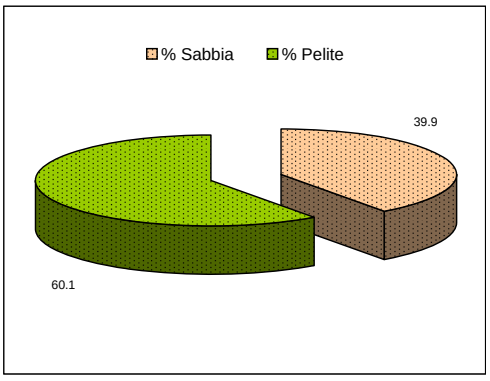
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.146
Deviazione Standard	2.384
Asimmetria (Skewness)	0.126
Appuntimento (Kurtosis)	0.792
Mediana (Φ)	5.046
Moda (Φ)	3.000

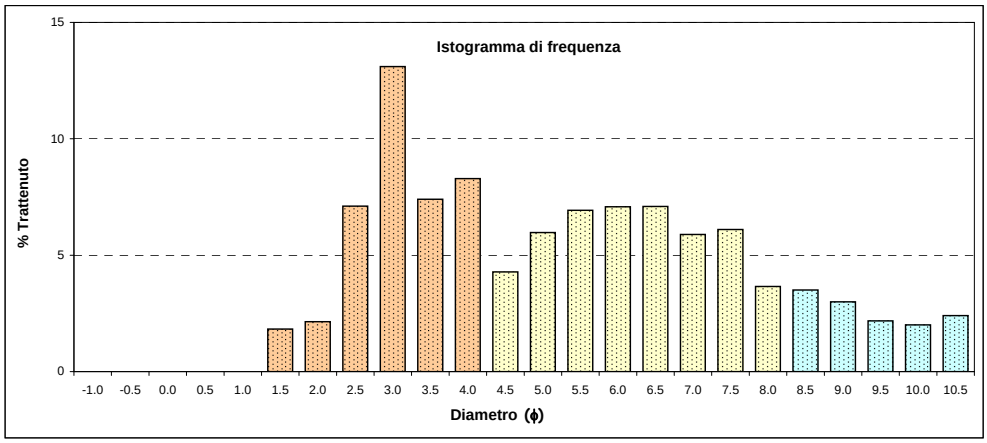
Percentili (Φ)	
5	2.062
16	2.668
25	3.049
50	5.046
75	6.873
84	7.725
95	9.451

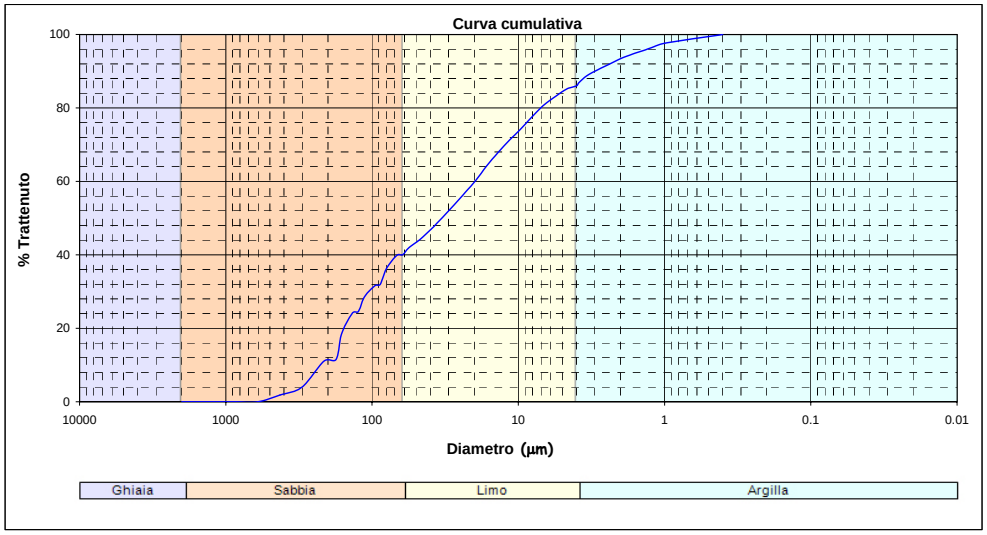
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	1.83%	1.83%
353.55	1.5		
353.55	1.5	2.14%	3.97%
250	2		
250	2	7.11%	11.09%
176.78	2.5		
176.78	2.5	0.45%	11.54%
175	2.515		
175	2.515	7.09%	18.62%
147	2.766		
147	2.766	5.57%	24.19%
125	3		
125	3	0.39%	24.58%
123	3.023		
123	3.023	3.91%	28.49%
103	3.279		
103	3.279	3.11%	31.60%
88.39	3.5		
88.39	3.5	0.37%	31.97%
87	3.523		
87	3.523	4.20%	36.17%
73	3.776		
73	3.776	3.72%	39.89%
62.5	4		
62.5	4	0.16%	40.05%
61	4.035		
61	4.035	1.85%	41.90%
51	4.293		
51	4.293	2.27%	44.17%
43	4.54		
43	4.54	2.79%	46.96%
36	4.796		
36	4.796	3.18%	50.15%
30	5.059		
30	5.059	3.44%	53.58%
25	5.322		
25	5.322	3.49%	57.08%
21	5.573		
21	5.573	3.21%	60.29%
18	5.796		
18	5.796	3.87%	64.16%
15	6.059		
15	6.059	3.74%	67.90%
12.5	6.322		
12.5	6.322	3.35%	71.25%
10.5	6.573		
10.5	6.573	2.77%	74.03%
9	6.796		
9	6.796	3.11%	77.14%
7.5	7.059		
7.5	7.059	3.53%	80.67%
6	7.381		
6	7.381	2.58%	83.25%
5	7.644		
5	7.644	1.92%	85.17%
4.3	7.861		
4.3	7.861	0.87%	86.03%
4	7.966		
4	7.966	0.87%	86.90%
3.7	8.078		
3.7	8.078	1.85%	88.75%
3.1	8.334		
3.1	8.334	1.66%	90.41%
2.6	8.587		
2.6	8.587	1.43%	91.84%
2.2	8.828		
2.2	8.828	1.56%	93.41%
1.8	9.118		
1.8	9.118	1.27%	94.68%
1.5	9.381		
1.5	9.381	0.91%	95.59%
1.3	9.587		
1.3	9.587	0.97%	96.56%
1.1	9.828		
1.1	9.828	1.04%	97.59%
0.9	10.118		
< 0,900	> 10,118	2.41%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 65**
Livello (cm)	**(50-75)**
Peso totale (g)	44.8
Frazione > 63 μm (%)	66.2
Frazione < 63 μm (%)	33.8

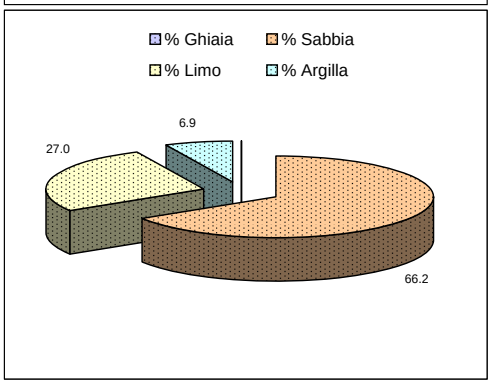
Frazione grossolana (> 63 μm) =	**66.2**
% Ghiaia	**% Sabbia**
0.0	**66.2**

Frazione pelitica (< 63 μm) =	**33.8**
% Limo	**% Argilla**
27.0	**6.9**

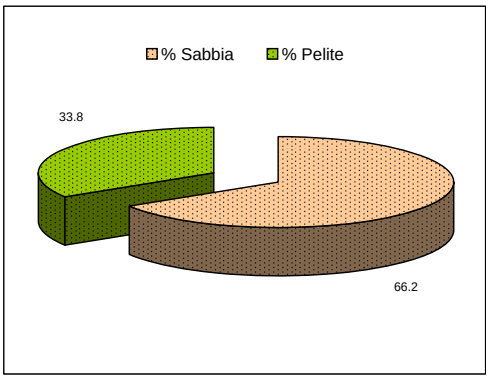
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.897
Deviazione Standard	2.044
Asimmetria (Skewness)	0.614
Appuntimento (Kurtosis)	0.982
Mediana (Φ)	3.063
Moda (Φ)	3.000

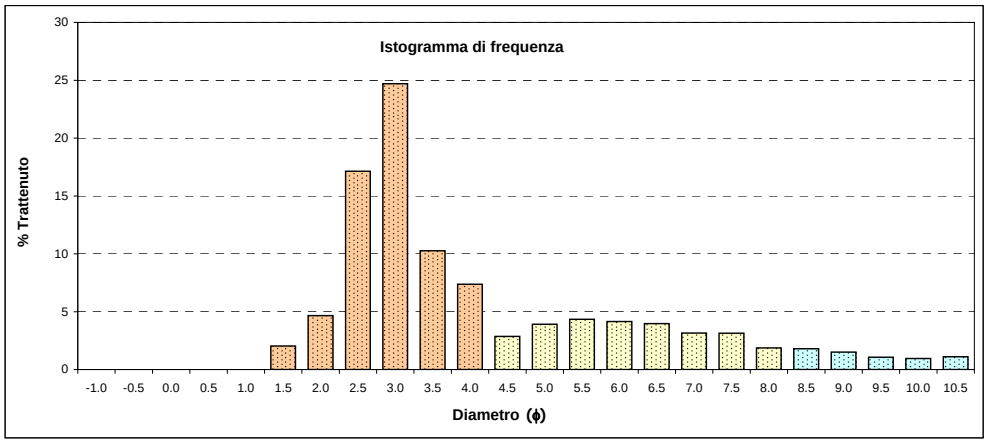
Percentili (Φ)	
5	1.797
16	2.250
25	2.520
50	3.063
75	5.305
84	6.380
95	8.474

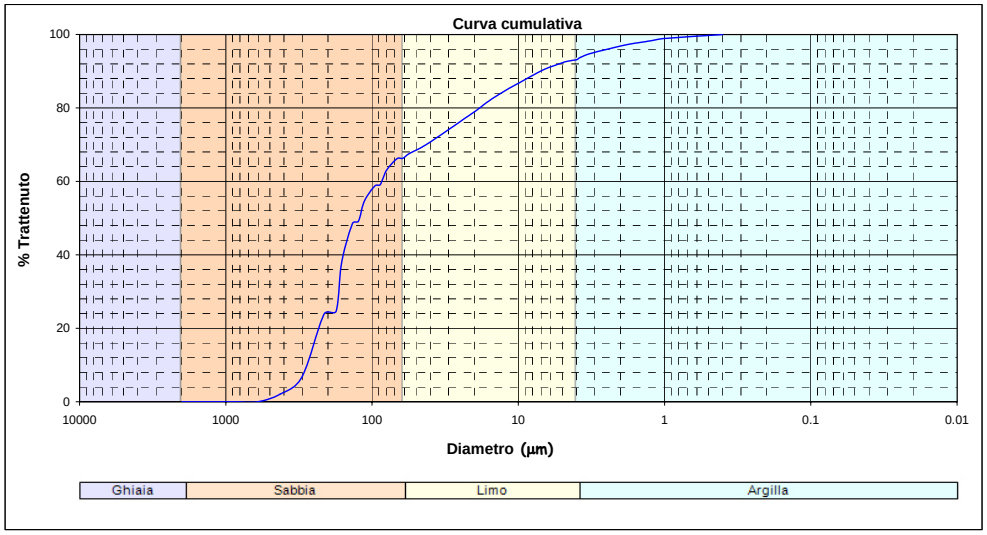
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	2.03%	2.03%
353.55	1.5		
353.55	1.5	4.67%	6.70%
250	2		
250	2	17.13%	23.83%
176.78	2.5		
176.78	2.5	0.85%	24.68%
175	2.515		
175	2.515	13.36%	38.04%
147	2.766		
147	2.766	10.50%	48.53%
125	3		
125	3	0.55%	49.09%
123	3.023		
123	3.023	5.52%	54.60%
103	3.279		
103	3.279	4.19%	58.79%
88.39	3.5		
88.39	3.5	0.34%	59.14%
87	3.523		
87	3.523	3.79%	62.93%
73	3.776		
73	3.776	3.23%	66.16%
62.5	4		
62.5	4	0.11%	66.27%
61	4.035		
61	4.035	1.25%	67.52%
51	4.293		
51	4.293	1.51%	69.03%
43	4.54		
43	4.54	1.84%	70.87%
36	4.796		
36	4.796	2.07%	72.94%
30	5.059		
30	5.059	2.19%	75.13%
25	5.322		
25	5.322	2.16%	77.28%
21	5.573		
21	5.573	1.92%	79.20%
18	5.796		
18	5.796	2.24%	81.44%
15	6.059		
15	6.059	2.11%	83.55%
12.5	6.322		
12.5	6.322	1.86%	85.40%
10.5	6.573		
10.5	6.573	1.51%	86.91%
9	6.796		
9	6.796	1.65%	88.56%
7.5	7.059		
7.5	7.059	1.82%	90.39%
6	7.381		
6	7.381	1.32%	91.70%
5	7.644		
5	7.644	0.98%	92.68%
4.3	7.861		
4.3	7.861	0.44%	93.12%
4	7.966		
4	7.966	0.44%	93.57%
3.7	8.078		
3.7	8.078	0.95%	94.51%
3.1	8.334		
3.1	8.334	0.85%	95.36%
2.6	8.587		
2.6	8.587	0.73%	96.09%
2.2	8.828		
2.2	8.828	0.78%	96.87%
1.8	9.118		
1.8	9.118	0.63%	97.50%
1.5	9.381		
1.5	9.381	0.44%	97.94%
1.3	9.587		
1.3	9.587	0.46%	98.40%
1.1	9.828		
1.1	9.828	0.49%	98.89%
0.9	10.118		
< 0,900	> 10,118	1.11%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 65**
Livello (cm)	**(75-100)**
Peso totale (g)	51.7
Frazione > 63 µm (%)	66.9
Frazione < 63 µm (%)	33.1

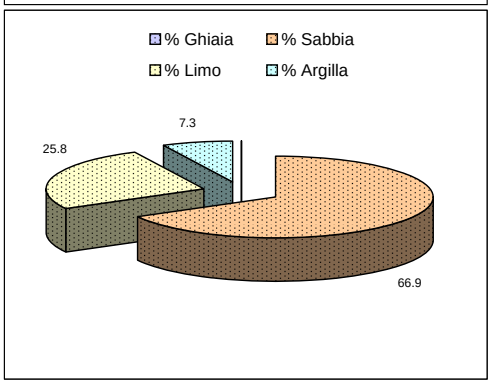
Frazione grossolana (> 63 µm) =	**66.9**
% Ghiaia	**% Sabbia**
0.0	**66.9**

Frazione pelitica (< 63 µm) =	**33.1**
% Limo	**% Argilla**
25.8	**7.3**

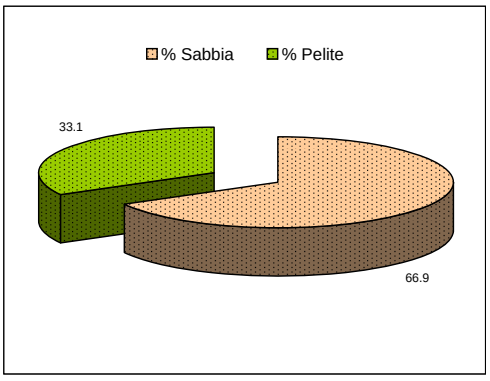
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.968
Deviazione Standard	2.125
Asimmetria (Skewness)	0.534
Appuntimento (Kurtosis)	1.009
Mediana (Φ)	3.212
Moda (Φ)	3.000

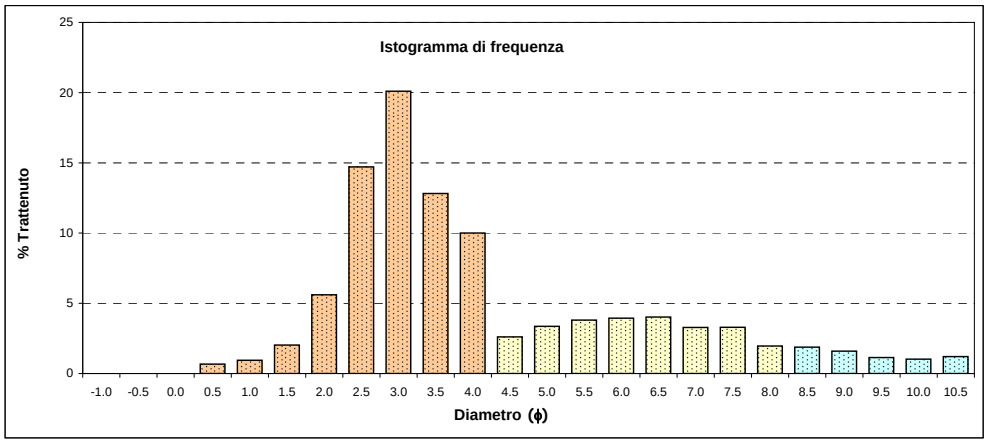
Percentili (Φ)	
5	1.605
16	2.208
25	2.522
50	3.212
75	5.352
84	6.484
95	8.573

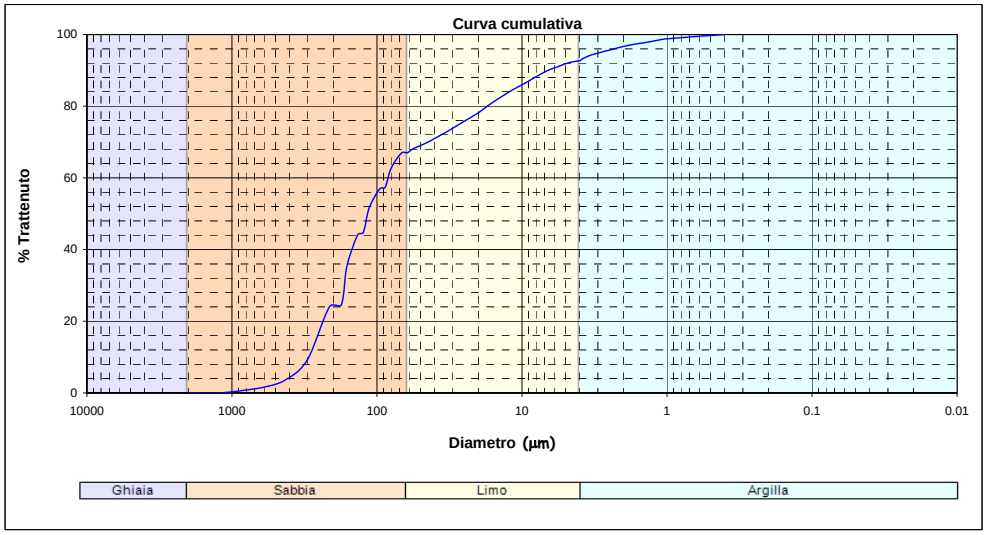
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.68%	0.68%
707.11	0.5		
707.11	0.5	0.95%	1.62%
500	1		
500	1	2.03%	3.65%
353.55	1.5		
353.55	1.5	5.61%	9.26%
250	2		
250	2	14.71%	23.97%
176.78	2.5		
176.78	2.5	0.68%	24.66%
175	2.515		
175	2.515	10.81%	35.47%
147	2.766		
147	2.766	8.61%	44.08%
125	3		
125	3	0.68%	44.76%
123	3.023		
123	3.023	6.93%	51.69%
103	3.279		
103	3.279	5.21%	56.90%
88.39	3.5		
88.39	3.5	0.50%	57.40%
87	3.523		
87	3.523	5.25%	62.64%
73	3.776		
73	3.776	4.26%	66.90%
62.5	4		
62.5	4	0.11%	67.01%
61	4.035		
61	4.035	1.16%	68.17%
51	4.293		
51	4.293	1.35%	69.51%
43	4.54		
43	4.54	1.59%	71.11%
36	4.796		
36	4.796	1.77%	72.87%
30	5.059		
30	5.059	1.88%	74.76%
25	5.322		
25	5.322	1.92%	76.67%
21	5.573		
21	5.573	1.78%	78.45%
18	5.796		
18	5.796	2.17%	80.62%
15	6.059		
15	6.059	2.12%	82.74%
12.5	6.322		
12.5	6.322	1.90%	84.64%
10.5	6.573		
10.5	6.573	1.56%	86.20%
9	6.796		
9	6.796	1.72%	87.92%
7.5	7.059		
7.5	7.059	1.91%	89.83%
6	7.381		
6	7.381	1.38%	91.21%
5	7.644		
5	7.644	1.03%	92.24%
4.3	7.861		
4.3	7.861	0.47%	92.70%
4	7.966		
4	7.966	0.47%	93.17%
3.7	8.078		
3.7	8.078	0.99%	94.16%
3.1	8.334		
3.1	8.334	0.89%	95.05%
2.6	8.587		
2.6	8.587	0.76%	95.81%
2.2	8.828		
2.2	8.828	0.83%	96.64%
1.8	9.118		
1.8	9.118	0.67%	97.30%
1.5	9.381		
1.5	9.381	0.47%	97.77%
1.3	9.587		
1.3	9.587	0.50%	98.27%
1.1	9.828		
1.1	9.828	0.53%	98.80%
0.9	10.118		
< 0,900	> 10,118	1.20%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 65**
Livello (cm)	**(100-125)**
Peso totale (g)	66.9
Frazione > 63 μm (%)	53.9
Frazione < 63 μm (%)	46.1

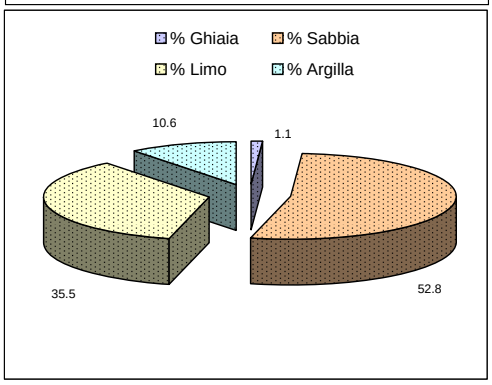
Frazione grossolana (> 63 μm) = 53.9	
% Ghiaia	**% Sabbia**
1.1	**52.8**

Frazione pelitica (< 63 μm) = 46.1	
% Limo	**% Argilla**
35.5	**10.6**

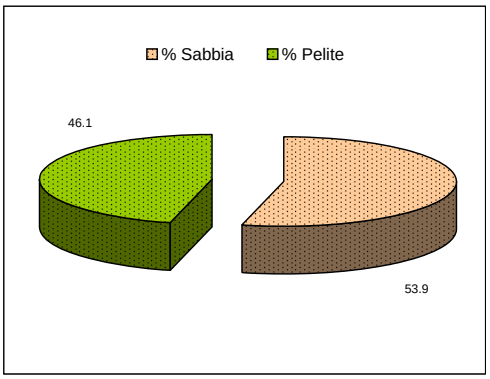
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.469
Deviazione Standard	2.389
Asimmetria (Skewness)	0.388
Appuntimento (Kurtosis)	0.882
Mediana (Φ)	3.788
Moda (Φ)	3.000

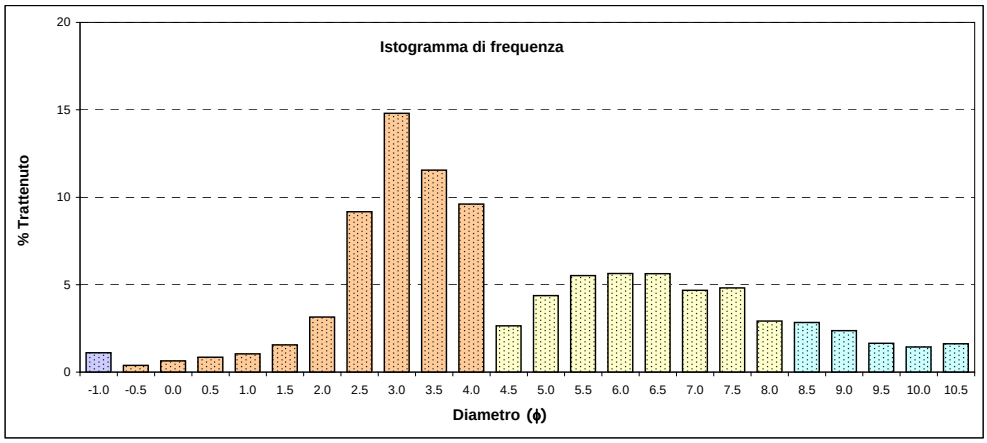
Percentili (Φ)	
5	1.290
16	2.381
25	2.718
50	3.788
75	6.321
84	7.240
95	9.042

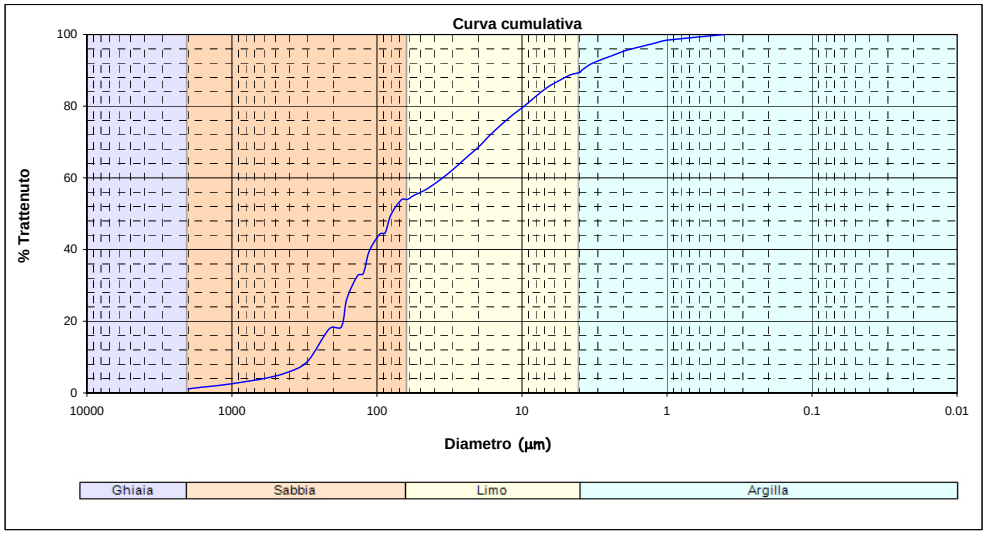
SABBIA LIMOSA
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	1.11%	1.11%
2000	-1	0.39%	1.49%
1414.21	-0.5		
1414.21	-0.5	0.64%	2.14%
1000	0		
1000	0	0.85%	2.99%
707.11	0.5		
707.11	0.5	1.05%	4.03%
500	1		
500	1	1.55%	5.59%
353.55	1.5		
353.55	1.5	3.15%	8.74%
250	2		
250	2	9.17%	17.91%
176.78	2.5		
176.78	2.5	0.51%	18.42%
175	2.515		
175	2.515	8.01%	26.43%
147	2.766		
147	2.766	6.29%	32.72%
125	3		
125	3	0.63%	33.34%
123	3.023		
123	3.023	6.25%	39.59%
103	3.279		
103	3.279	4.67%	44.26%
88.39	3.5		
88.39	3.5	0.47%	44.74%
87	3.523		
87	3.523	5.03%	49.77%
73	3.776		
73	3.776	4.11%	53.88%
62.5	4		
62.5	4	0.09%	53.96%
61	4.035		
61	4.035	1.09%	55.06%
51	4.293		
51	4.293	1.47%	56.52%
43	4.54		
43	4.54	1.97%	58.49%
36	4.796		
36	4.796	2.41%	60.90%
30	5.059		
30	5.059	2.72%	63.61%
25	5.322		
25	5.322	2.80%	66.41%
21	5.573		
21	5.573	2.57%	68.98%
18	5.796		
18	5.796	3.07%	72.05%
15	6.059		
15	6.059	2.96%	75.01%
12.5	6.322		
12.5	6.322	2.66%	77.68%
10.5	6.573		
10.5	6.573	2.21%	79.89%
9	6.796		
9	6.796	2.47%	82.36%
7.5	7.059		
7.5	7.059	2.78%	85.14%
6	7.381		
6	7.381	2.04%	87.18%
5	7.644		
5	7.644	1.53%	88.70%
4.3	7.861		
4.3	7.861	0.70%	89.40%
4	7.966		
4	7.966	0.70%	90.10%
3.7	8.078		
3.7	8.078	1.49%	91.59%
3.1	8.334		
3.1	8.334	1.34%	92.93%
2.6	8.587		
2.6	8.587	1.14%	94.07%
2.2	8.828		
2.2	8.828	1.22%	95.30%
1.8	9.118		
1.8	9.118	0.97%	96.27%
1.5	9.381		
1.5	9.381	0.68%	96.94%
1.3	9.587		
1.3	9.587	0.70%	97.65%
1.1	9.828		
1.1	9.828	0.73%	98.38%
0.9	10.118		
< 0,900	> 10,118	1.62%	100.00%

ISPRA
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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 65**
Livello (cm)	**(125-150)**
Peso totale (g)	63.4
Frazione > 63 μm (%)	10.6
Frazione < 63 μm (%)	89.4

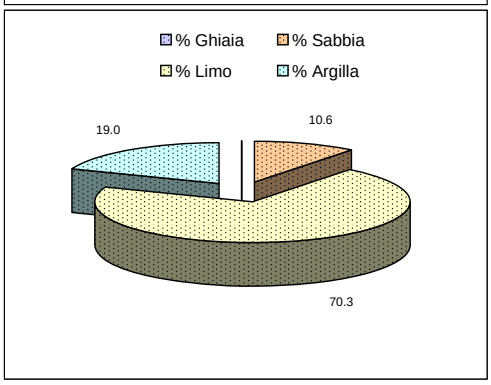
Frazione grossolana (> 63 μm) =	**10.6**
% Ghiaia	**% Sabbia**
0.0	**10.6**

Frazione pelitica (< 63 μm) =	**89.4**
% Limo	**% Argilla**
70.3	**19.0**

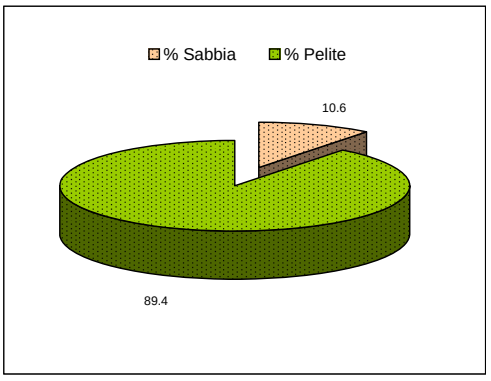
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.325
Deviazione Standard	1.892
Asimmetria (Skewness)	0.093
Appuntimento (Kurtosis)	1.076
Mediana (Φ)	6.185
Moda (Φ)	5.500

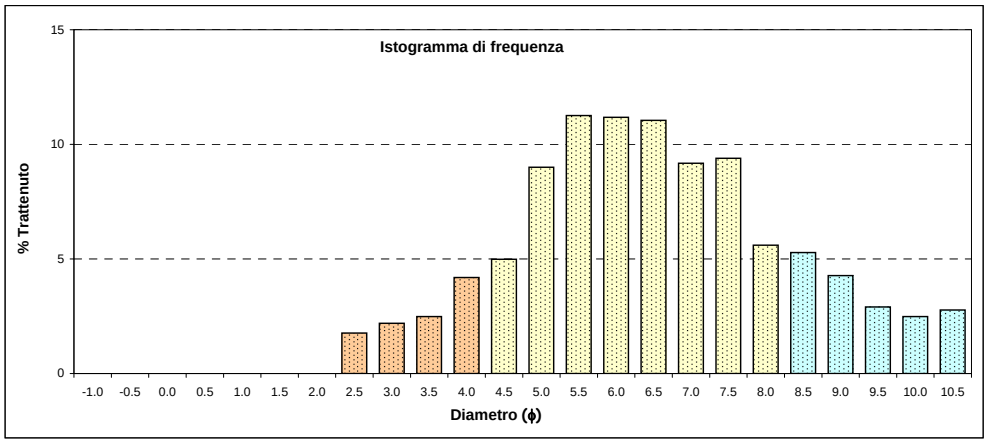
Percentili (Φ)	
5	3.201
16	4.561
25	5.075
50	6.185
75	7.526
84	8.229
95	9.635

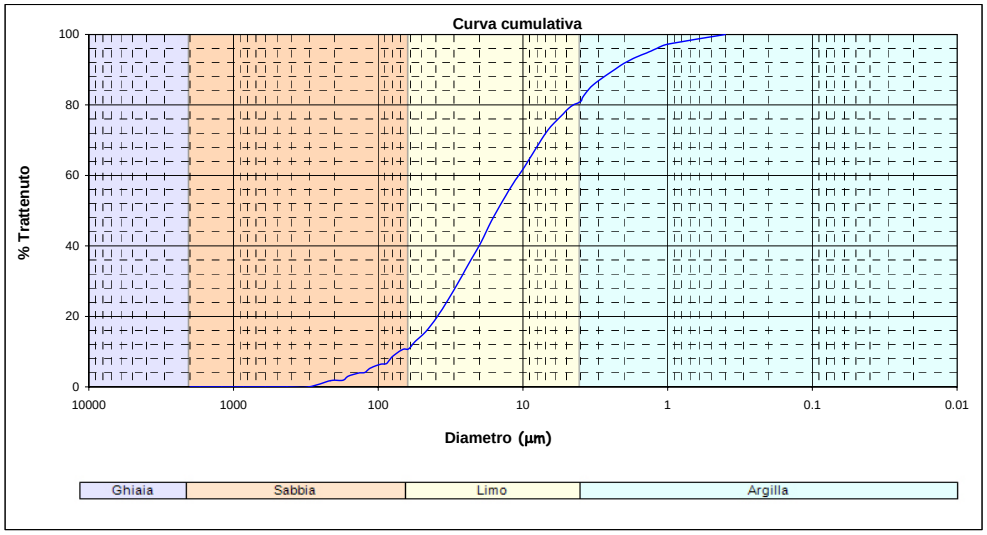
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.00%	0.00%
250	2		
250	2	1.77%	1.77%
176.78	2.5		
176.78	2.5	0.08%	1.84%
175	2.515		
175	2.515	1.19%	3.03%
147	2.766		
147	2.766	0.93%	3.96%
125	3		
125	3	0.12%	4.08%
123	3.023		
123	3.023	1.29%	5.37%
103	3.279		
103	3.279	1.08%	6.45%
88.39	3.5		
88.39	3.5	0.16%	6.61%
87	3.523		
87	3.523	1.97%	8.58%
73	3.776		
73	3.776	2.06%	10.64%
62.5	4		
62.5	4	0.14%	10.78%
61	4.035		
61	4.035	1.98%	12.76%
51	4.293		
51	4.293	2.87%	15.63%
43	4.54		
43	4.54	4.02%	19.65%
36	4.796		
36	4.796	4.99%	24.63%
30	5.059		
30	5.059	5.59%	30.22%
25	5.322		
25	5.322	5.67%	35.89%
21	5.573		
21	5.573	5.12%	41.01%
18	5.796		
18	5.796	6.06%	47.07%
15	6.059		
15	6.059	5.82%	52.90%
12.5	6.322		
12.5	6.322	5.22%	58.12%
10.5	6.573		
10.5	6.573	4.33%	62.45%
9	6.796		
9	6.796	4.84%	67.30%
7.5	7.059		
7.5	7.059	5.44%	72.73%
6	7.381		
6	7.381	3.95%	76.69%
5	7.644		
5	7.644	2.94%	79.63%
4.3	7.861		
4.3	7.861	1.33%	80.96%
4	7.966		
4	7.966	1.33%	82.29%
3.7	8.078		
3.7	8.078	2.81%	85.09%
3.1	8.334		
3.1	8.334	2.47%	87.57%
2.6	8.587		
2.6	8.587	2.08%	89.65%
2.2	8.828		
2.2	8.828	2.19%	91.84%
1.8	9.118		
1.8	9.118	1.72%	93.56%
1.5	9.381		
1.5	9.381	1.19%	94.74%
1.3	9.587		
1.3	9.587	1.22%	95.96%
1.1	9.828		
1.1	9.828	1.26%	97.23%
0.9	10.118		
< 0,900	> 10,118	2.77%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 65
Livello (cm)	(150-175)
Peso totale (g)	75.2
Frazione > 63 µm (%)	70.1
Frazione < 63 µm (%)	29.9

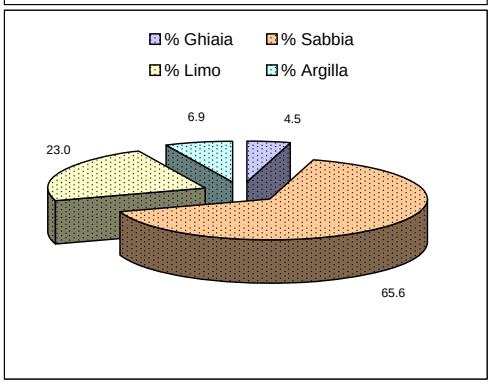
Frazione grossolana (> 63 µm) = 70.1	
% Ghiaia	% Sabbia
4.5	65.6

Frazione pelitica (< 63 µm) = 29.9	
% Limo	% Argilla
23.0	6.9

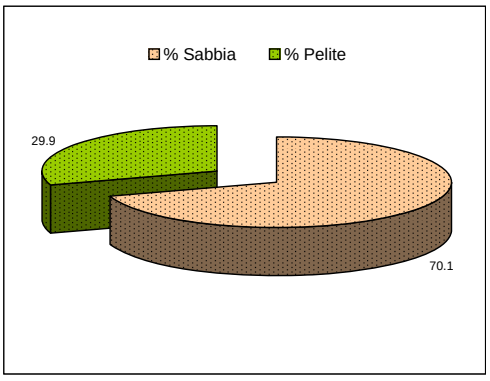
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.429
Deviazione Standard	2.685
Asimmetria (Skewness)	0.334
Appuntimento (Kurtosis)	1.154
Mediana (Φ)	2.698
Moda (Φ)	3.000

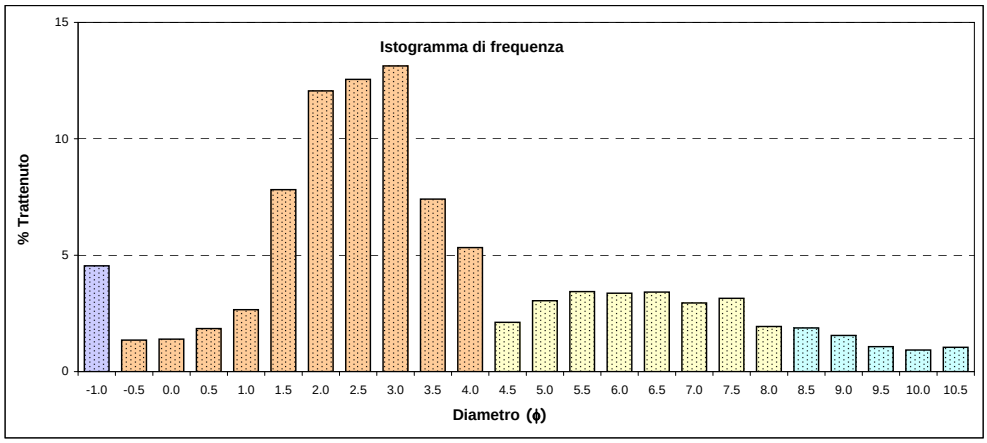
Percentili (Φ)	
5	-0.851
16	1.247
25	1.702
50	2.698
75	5.012
84	6.342
95	8.465

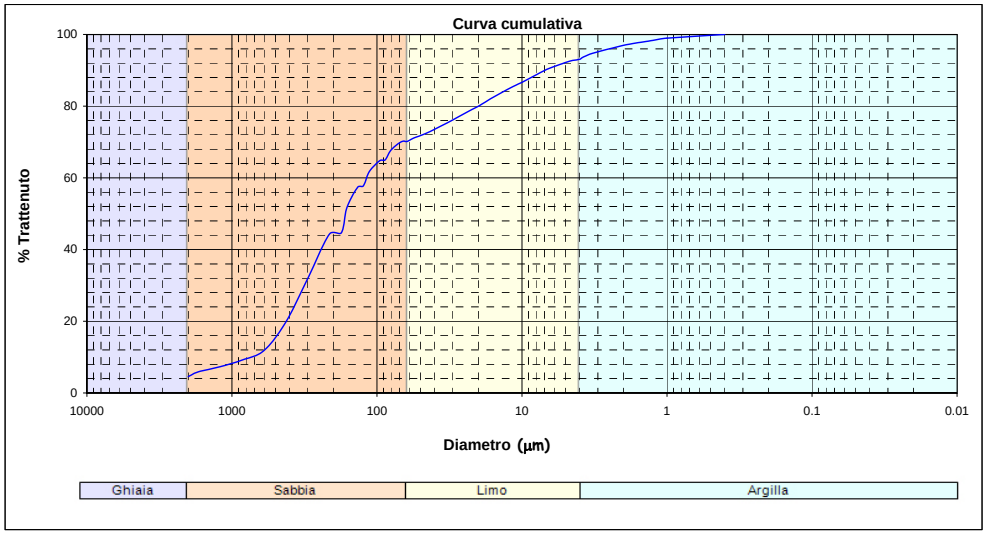
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	4.55%	4.55%
2000	-1	1.36%	5.90%
1414.21	-0.5		
1414.21	-0.5	1.40%	7.30%
1000	0		
1000	0	1.85%	9.15%
707.11	0.5		
707.11	0.5	2.66%	11.81%
500	1		
500	1	7.82%	19.62%
353.55	1.5		
353.55	1.5	12.06%	31.68%
250	2		
250	2	12.55%	44.24%
176.78	2.5		
176.78	2.5	0.45%	44.69%
175	2.515		
175	2.515	7.10%	51.79%
147	2.766		
147	2.766	5.58%	57.37%
125	3		
125	3	0.40%	57.77%
123	3.023		
123	3.023	3.99%	61.76%
103	3.279		
103	3.279	3.02%	64.78%
88.39	3.5		
88.39	3.5	0.25%	65.03%
87	3.523		
87	3.523	2.74%	67.77%
73	3.776		
73	3.776	2.34%	70.11%
62.5	4		
62.5	4	0.08%	70.18%
61	4.035		
61	4.035	0.91%	71.09%
51	4.293		
51	4.293	1.13%	72.22%
43	4.54		
43	4.54	1.42%	73.64%
36	4.796		
36	4.796	1.62%	75.27%
30	5.059		
30	5.059	1.73%	77.00%
25	5.322		
25	5.322	1.71%	78.71%
21	5.573		
21	5.573	1.54%	80.24%
18	5.796		
18	5.796	1.83%	82.07%
15	6.059		
15	6.059	1.79%	83.86%
12.5	6.322		
12.5	6.322	1.63%	85.49%
10.5	6.573		
10.5	6.573	1.38%	86.87%
9	6.796		
9	6.796	1.57%	88.44%
7.5	7.059		
7.5	7.059	1.81%	90.25%
6	7.381		
6	7.381	1.34%	91.59%
5	7.644		
5	7.644	1.01%	92.60%
4.3	7.861		
4.3	7.861	0.46%	93.07%
4	7.966		
4	7.966	0.46%	93.53%
3.7	8.078		
3.7	8.078	0.99%	94.52%
3.1	8.334		
3.1	8.334	0.88%	95.41%
2.6	8.587		
2.6	8.587	0.75%	96.16%
2.2	8.828		
2.2	8.828	0.80%	96.96%
1.8	9.118		
1.8	9.118	0.63%	97.59%
1.5	9.381		
1.5	9.381	0.44%	98.03%
1.3	9.587		
1.3	9.587	0.46%	98.48%
1.1	9.828		
1.1	9.828	0.47%	98.95%
0.9	10.118		
< 0,900	> 10,118	1.05%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 65**
Livello (cm)	**(175-200)**
Peso totale (g)	123.0
Frazione > 63 μm (%)	24.3
Frazione < 63 μm (%)	75.7

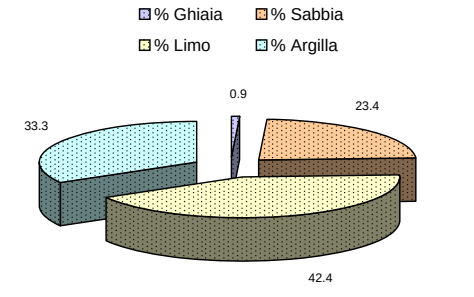
Frazione grossolana (> 63 μm) = 24.3	
% Ghiaia	**% Sabbia**
0.9	**23.4**

Frazione pelitica (< 63 μm) = 75.7	
% Limo	**% Argilla**
42.4	**33.3**

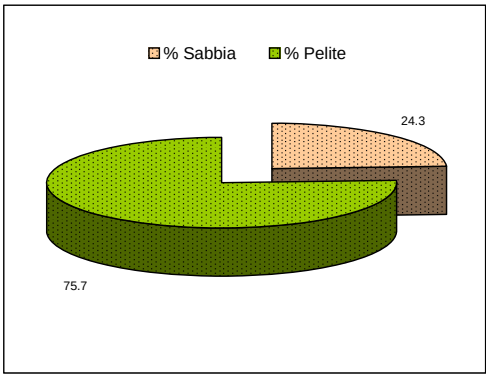
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.929
Deviazione Standard	3.243
Asimmetria (Skewness)	-0.355
Appuntimento (Kurtosis)	0.963
Mediana (Φ)	6.954
Moda (Φ)	7.500

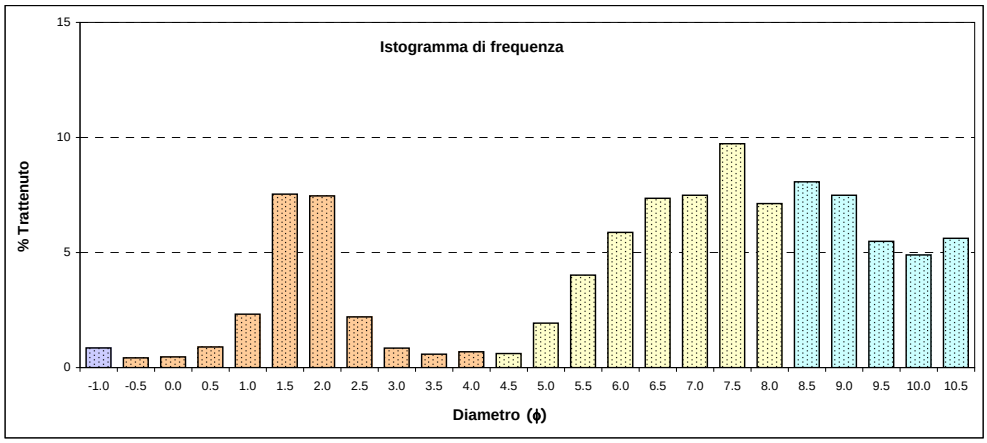
Percentili (Φ)	
5	1.002
16	1.714
25	4.574
50	6.954
75	8.485
84	9.118
95	10.191

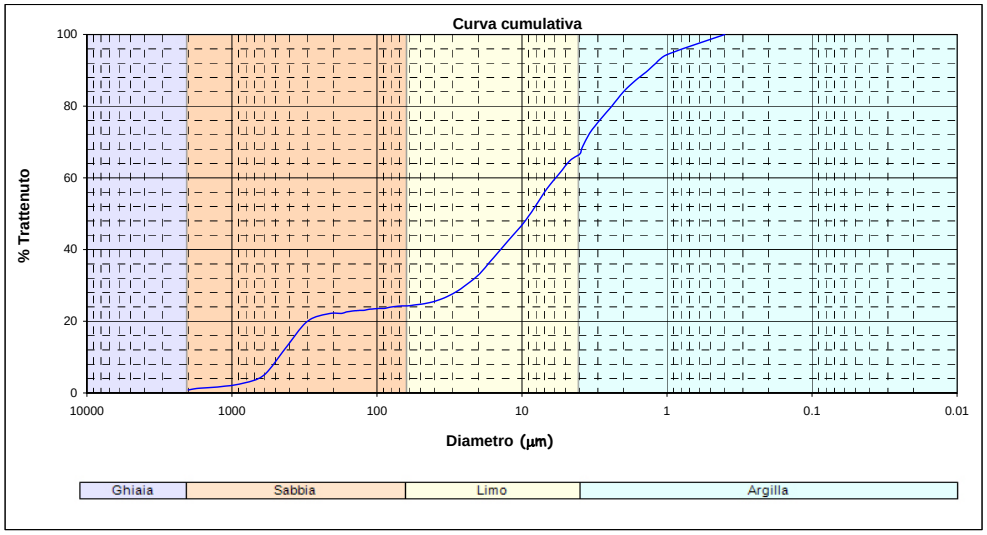
LOAM
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.85%	0.85%
2000	-1	0.42%	1.28%
1414.21	-0.5	0.46%	1.74%
1000	0	0.89%	2.63%
707.11	0.5	2.33%	4.96%
500	1	7.54%	12.49%
353.55	1.5	7.46%	19.96%
250	2	2.20%	22.16%
176.78	2.5	0.03%	22.19%
175	2.515	0.46%	22.64%
147	2.766	0.36%	23.00%
125	3	0.03%	23.04%
123	3.023	0.32%	23.36%
103	3.279	0.23%	23.59%
88.39	3.5	0.03%	23.62%
87	3.523	0.34%	23.96%
73	3.776	0.32%	24.28%
62.5	4	0.01%	24.29%
61	4.035	0.21%	24.50%
51	4.293	0.39%	24.89%
43	4.54	0.73%	25.62%
36	4.796	1.20%	26.83%
30	5.059	1.76%	28.59%
25	5.322	2.26%	30.85%
21	5.573	2.46%	33.31%
18	5.796	3.42%	36.73%
15	6.059	3.71%	40.43%
12.5	6.322	3.65%	44.08%
10.5	6.573	3.32%	47.40%
9	6.796	4.17%	51.57%
7.5	7.059	5.36%	56.93%
6	7.381	4.37%	61.30%
5	7.644	3.58%	64.88%
4.3	7.861	1.77%	66.66%
4	7.966	1.77%	68.43%
3.7	8.078	4.12%	72.55%
3.1	8.334	3.95%	76.50%
2.6	8.587	3.55%	80.05%
2.2	8.828	3.94%	83.99%
1.8	9.118	3.22%	87.21%
1.5	9.381	2.27%	89.48%
1.3	9.587	2.39%	91.87%
1.1	9.828	2.50%	94.38%
0.9	10.118	5.62%	100.00%
< 0,900	> 10,118		

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 66
Livello (cm)	sup
Peso totale (g)	21.5
Frazione > 63 μm (%)	22.5
Frazione < 63 μm (%)	77.5

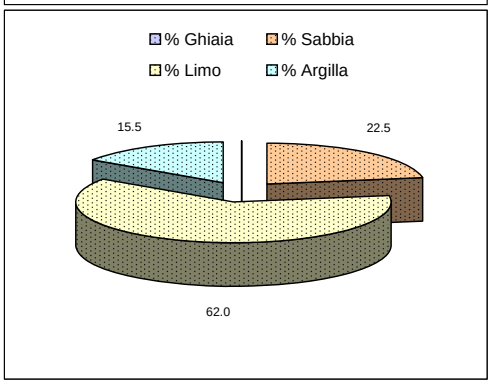
Frazione grossolana (> 63 μm) = 22.5	
% Ghiaia	% Sabbia
0.0	22.5

Frazione pelitica (< 63 μm) = 77.5	
% Limo	% Argilla
62.0	15.5

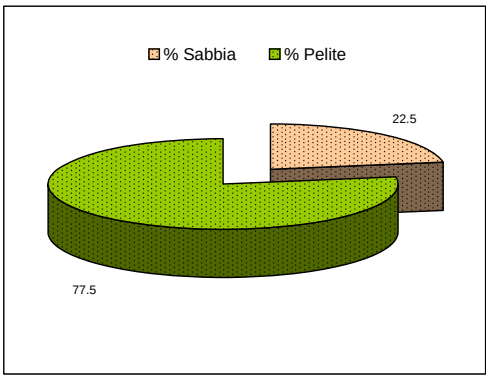
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.773
Deviazione Standard	2.075
Asimmetria (Skewness)	0.105
Appuntimento (Kurtosis)	0.984
Mediana (Φ)	5.666
Moda (Φ)	4.000

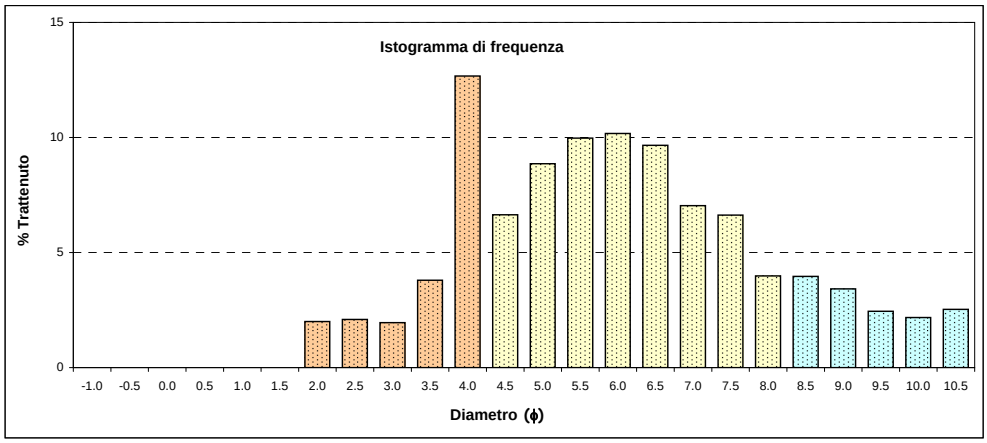
Percentili (Φ)	
5	2.710
16	3.742
25	4.231
50	5.666
75	7.070
84	7.910
95	9.525

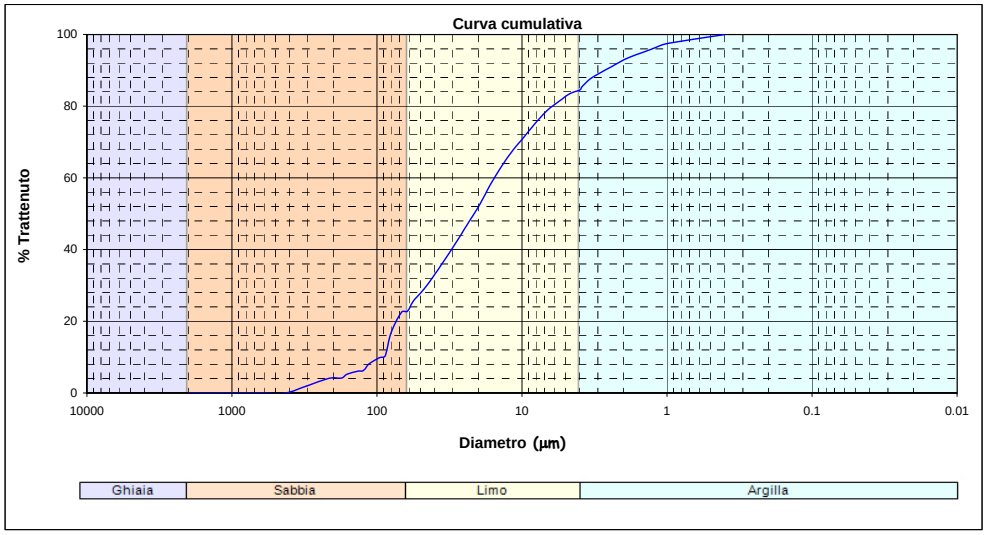
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.00%	2.00%
250	2		
250	2	2.10%	4.10%
176.78	2.5		
176.78	2.5	0.07%	4.16%
175	2.515		
175	2.515	1.06%	5.22%
147	2.766		
147	2.766	0.83%	6.05%
125	3		
125	3	0.19%	6.24%
123	3.023		
123	3.023	1.91%	8.15%
103	3.279		
103	3.279	1.70%	9.85%
88.39	3.5		
88.39	3.5	0.56%	10.41%
87	3.523		
87	3.523	6.38%	16.79%
73	3.776		
73	3.776	5.73%	22.52%
62.5	4		
62.5	4	0.24%	22.76%
61	4.035		
61	4.035	2.89%	25.65%
51	4.293		
51	4.293	3.50%	29.15%
43	4.54		
43	4.54	4.20%	33.35%
36	4.796		
36	4.796	4.66%	38.01%
30	5.059		
30	5.059	4.95%	42.96%
25	5.322		
25	5.322	5.02%	47.98%
21	5.573		
21	5.573	4.63%	52.61%
18	5.796		
18	5.796	5.54%	58.16%
15	6.059		
15	6.059	5.22%	63.37%
12.5	6.322		
12.5	6.322	4.44%	67.81%
10.5	6.573		
10.5	6.573	3.44%	71.25%
9	6.796		
9	6.796	3.59%	74.85%
7.5	7.059		
7.5	7.059	3.86%	78.70%
6	7.381		
6	7.381	2.77%	81.47%
5	7.644		
5	7.644	2.07%	83.55%
4.3	7.861		
4.3	7.861	0.95%	84.50%
4	7.966		
4	7.966	0.95%	85.46%
3.7	8.078		
3.7	8.078	2.08%	87.53%
3.1	8.334		
3.1	8.334	1.89%	89.42%
2.6	8.587		
2.6	8.587	1.64%	91.06%
2.2	8.828		
2.2	8.828	1.78%	92.85%
1.8	9.118		
1.8	9.118	1.44%	94.28%
1.5	9.381		
1.5	9.381	1.01%	95.29%
1.3	9.587		
1.3	9.587	1.06%	96.36%
1.1	9.828		
1.1	9.828	1.12%	97.47%
0.9	10.118		
< 0,900	> 10,118	2.53%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 67
Livello (cm)	sup
Peso totale (g)	23.8
Frazione > 63 μm (%)	14.7
Frazione < 63 μm (%)	85.3

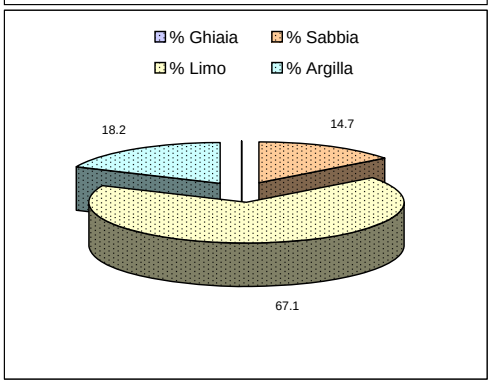
Frazione grossolana (> 63 μm) = 14.7	
% Ghiaia	% Sabbia
0.0	14.7

Frazione pelitica (< 63 μm) = 85.3	
% Limo	% Argilla
67.1	18.2

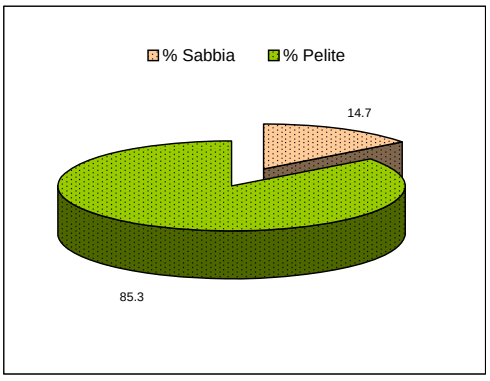
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.110
Deviazione Standard	2.073
Asimmetria (Skewness)	0.074
Appuntimento (Kurtosis)	1.132
Mediana (Φ)	5.986
Moda (Φ)	6.000

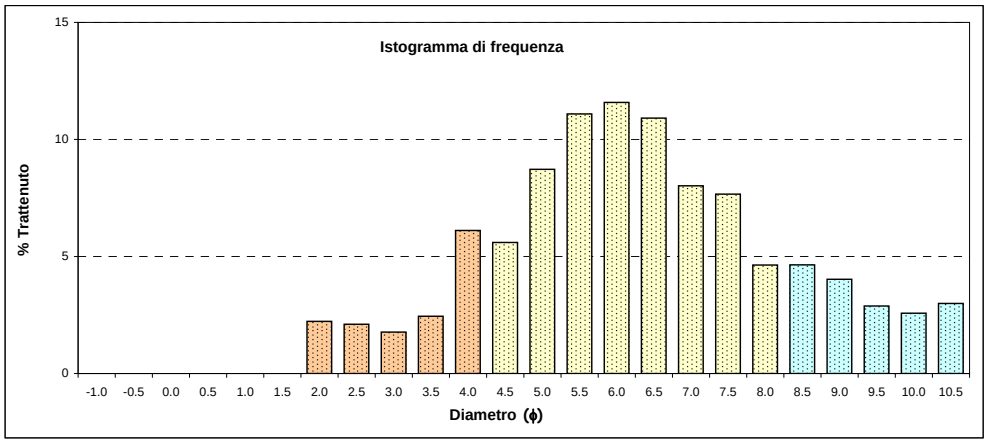
Percentili (Φ)	
5	2.669
16	4.154
25	4.837
50	5.986
75	7.378
84	8.190
95	9.692

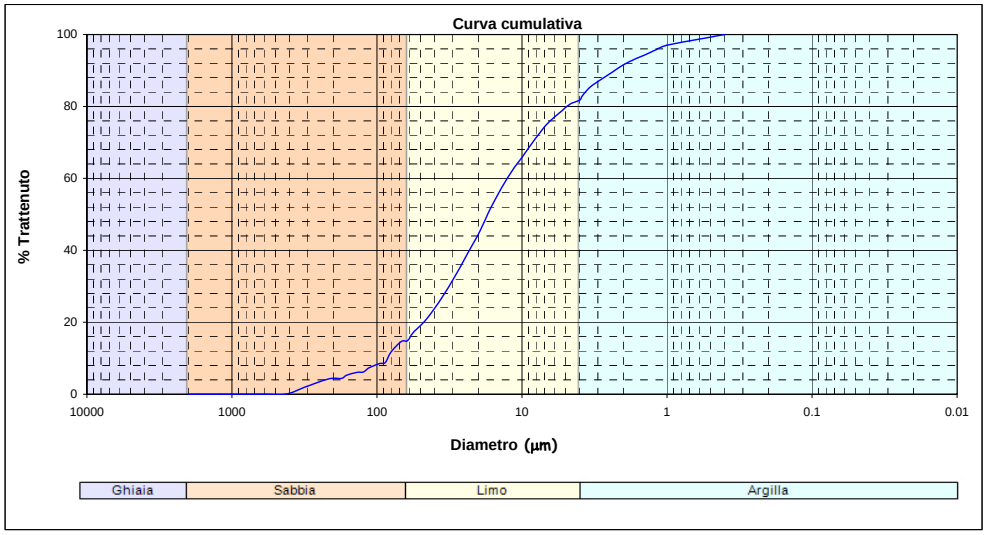
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.23%	2.23%
250	2		
250	2	2.10%	4.33%
176.78	2.5		
176.78	2.5	0.06%	4.39%
175	2.515		
175	2.515	0.96%	5.35%
147	2.766		
147	2.766	0.75%	6.10%
125	3		
125	3	0.10%	6.21%
123	3.023		
123	3.023	1.17%	7.38%
103	3.279		
103	3.279	1.17%	8.55%
88.39	3.5		
88.39	3.5	0.24%	8.79%
87	3.523		
87	3.523	2.96%	11.75%
73	3.776		
73	3.776	2.91%	14.66%
62.5	4		
62.5	4	0.20%	14.86%
61	4.035		
61	4.035	2.36%	17.22%
51	4.293		
51	4.293	3.03%	20.26%
43	4.54		
43	4.54	3.95%	24.20%
36	4.796		
36	4.796	4.77%	28.98%
30	5.059		
30	5.059	5.41%	34.39%
25	5.322		
25	5.322	5.67%	40.07%
21	5.573		
21	5.573	5.28%	45.34%
18	5.796		
18	5.796	6.30%	51.64%
15	6.059		
15	6.059	5.90%	57.54%
12.5	6.322		
12.5	6.322	5.02%	62.56%
10.5	6.573		
10.5	6.573	3.91%	66.46%
9	6.796		
9	6.796	4.11%	70.58%
7.5	7.059		
7.5	7.059	4.45%	75.03%
6	7.381		
6	7.381	3.21%	78.24%
5	7.644		
5	7.644	2.41%	80.66%
4.3	7.861		
4.3	7.861	1.11%	81.77%
4	7.966		
4	7.966	1.11%	82.88%
3.7	8.078		
3.7	8.078	2.43%	85.31%
3.1	8.334		
3.1	8.334	2.21%	87.52%
2.6	8.587		
2.6	8.587	1.93%	89.45%
2.2	8.828		
2.2	8.828	2.10%	91.54%
1.8	9.118		
1.8	9.118	1.69%	93.24%
1.5	9.381		
1.5	9.381	1.19%	94.43%
1.3	9.587		
1.3	9.587	1.26%	95.69%
1.1	9.828		
1.1	9.828	1.32%	97.01%
0.9	10.118		
< 0,900	> 10,118	2.99%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 68
Livello (cm)	(0-25)
Peso totale (g)	34.3
Frazione > 63 µm (%)	9.8
Frazione < 63 µm (%)	90.2

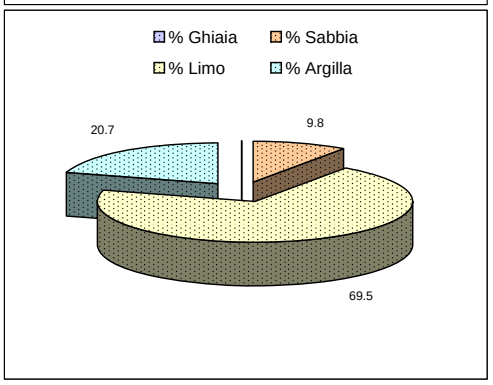
Frazione grossolana (> 63 µm) = 9.8	
% Ghiaia	% Sabbia
0.0	9.8

Frazione pelitica (< 63 µm) = 90.2	
% Limo	% Argilla
69.5	20.7

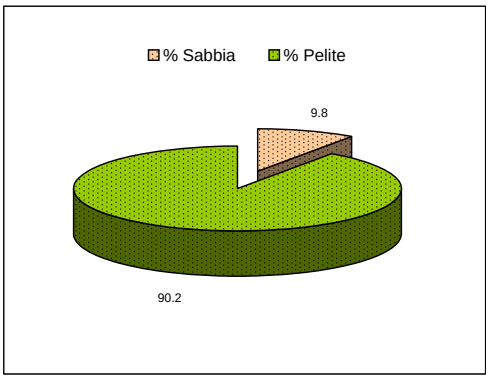
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.429
Deviazione Standard	1.929
Asimmetria (Skewness)	0.103
Appuntimento (Kurtosis)	1.094
Mediana (Φ)	6.273
Moda (Φ)	6.500

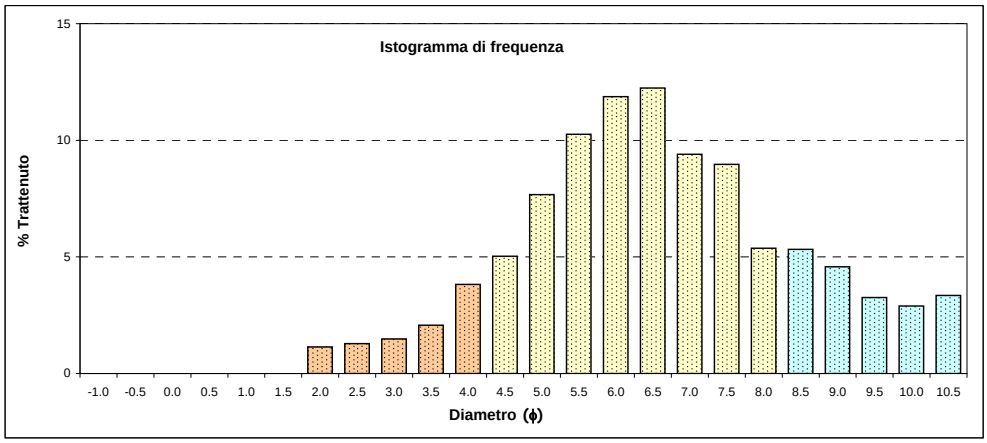
Percentili (Φ)	
5	3.285
16	4.622
25	5.188
50	6.273
75	7.627
84	8.391
95	9.797

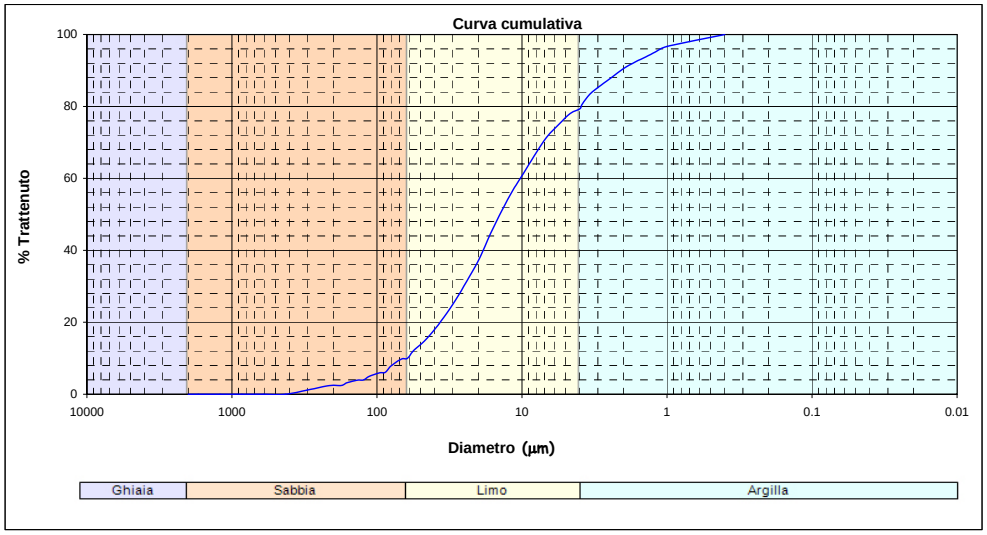
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.14%	1.14%
250	2		
250	2	1.28%	2.42%
176.78	2.5		
176.78	2.5	0.05%	2.47%
175	2.515		
175	2.515	0.76%	3.22%
147	2.766		
147	2.766	0.68%	3.90%
125	3		
125	3	0.08%	3.98%
123	3.023		
123	3.023	1.00%	4.97%
103	3.279		
103	3.279	1.00%	5.97%
88.39	3.5		
88.39	3.5	0.13%	6.10%
87	3.523		
87	3.523	1.77%	7.87%
73	3.776		
73	3.776	1.93%	9.79%
62.5	4		
62.5	4	0.18%	9.98%
61	4.035		
61	4.035	2.14%	12.12%
51	4.293		
51	4.293	2.70%	14.82%
43	4.54		
43	4.54	3.47%	18.29%
36	4.796		
36	4.796	4.20%	22.49%
30	5.059		
30	5.059	4.89%	27.38%
25	5.322		
25	5.322	5.37%	32.75%
21	5.573		
21	5.573	5.25%	38.00%
18	5.796		
18	5.796	6.62%	44.62%
15	6.059		
15	6.059	6.51%	51.12%
12.5	6.322		
12.5	6.322	5.74%	56.86%
10.5	6.573		
10.5	6.573	4.56%	61.42%
9	6.796		
9	6.796	4.84%	66.26%
7.5	7.059		
7.5	7.059	5.22%	71.48%
6	7.381		
6	7.381	3.75%	75.23%
5	7.644		
5	7.644	2.80%	78.03%
4.3	7.861		
4.3	7.861	1.29%	79.31%
4	7.966		
4	7.966	1.29%	80.60%
3.7	8.078		
3.7	8.078	2.79%	83.39%
3.1	8.334		
3.1	8.334	2.53%	85.92%
2.6	8.587		
2.6	8.587	2.20%	88.12%
2.2	8.828		
2.2	8.828	2.38%	90.50%
1.8	9.118		
1.8	9.118	1.91%	92.41%
1.5	9.381		
1.5	9.381	1.35%	93.76%
1.3	9.587		
1.3	9.587	1.41%	95.17%
1.1	9.828		
1.1	9.828	1.48%	96.65%
0.9	10.118		
< 0,900	> 10,118	3.35%	100.00%

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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 68
Livello (cm)	(25-50)
Peso totale (g)	29.2
Frazione > 63 μm (%)	10.7
Frazione < 63 μm (%)	89.3

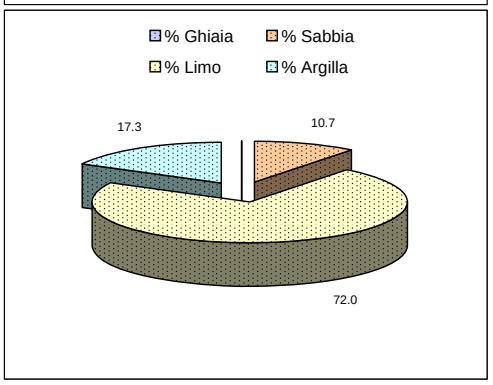
Frazione grossolana (> 63 μm) = 10.7	
% Ghiaia	% Sabbia
0.0	10.7

Frazione pelitica (< 63 μm) = 89.3	
% Limo	% Argilla
72.0	17.3

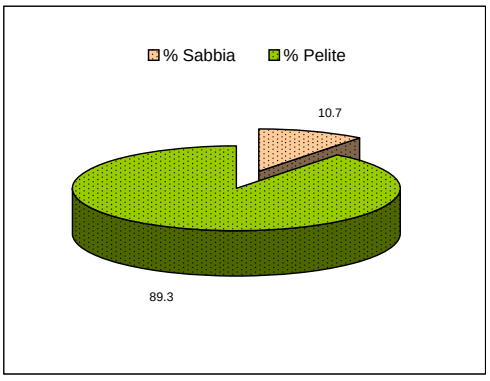
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.179
Deviazione Standard	1.894
Asimmetria (Skewness)	0.142
Appuntimento (Kurtosis)	1.127
Mediana (Φ)	5.991
Moda (Φ)	6.000

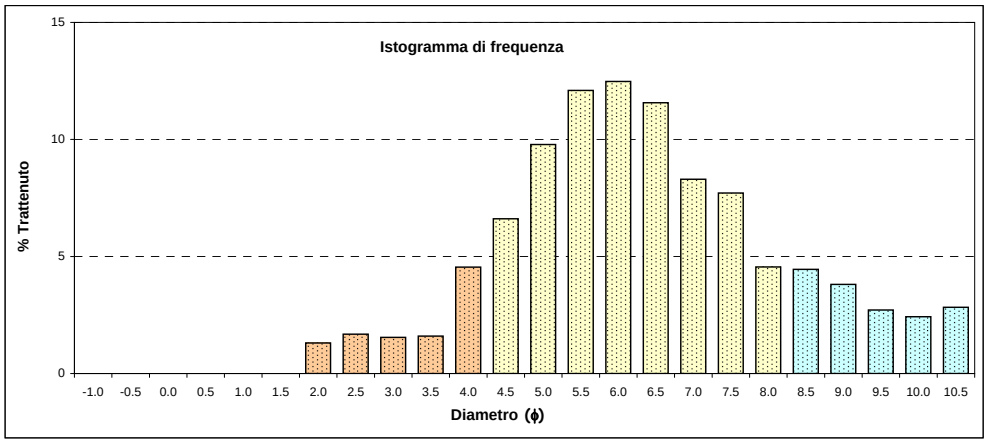
Percentili (Φ)	
5	3.173
16	4.445
25	4.951
50	5.991
75	7.302
84	8.102
95	9.637

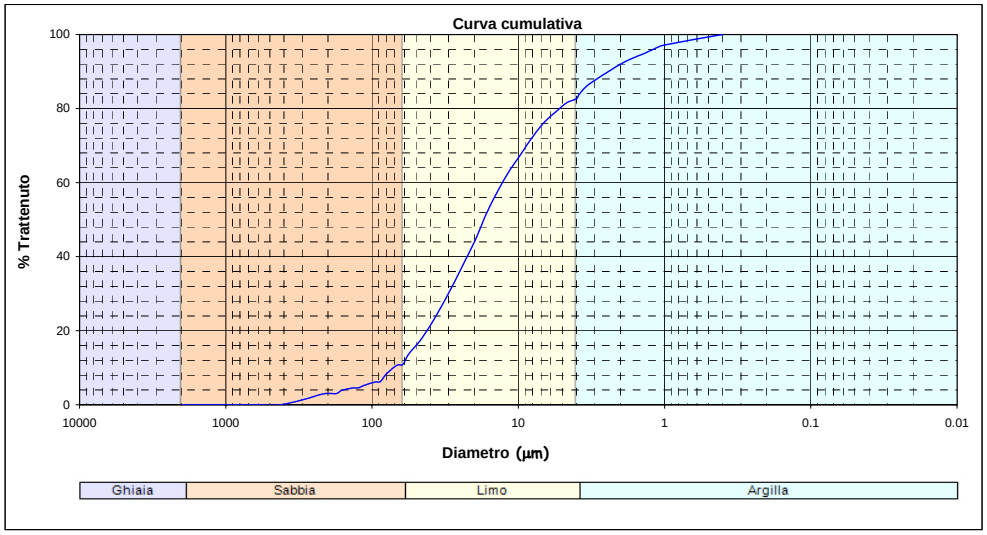
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.30%	1.30%
250	2		
250	2	1.68%	2.98%
176.78	2.5		
176.78	2.5	0.05%	3.04%
175	2.515		
175	2.515	0.83%	3.87%
147	2.766		
147	2.766	0.66%	4.52%
125	3		
125	3	0.07%	4.59%
123	3.023		
123	3.023	0.67%	5.27%
103	3.279		
103	3.279	0.86%	6.13%
88.39	3.5		
88.39	3.5	0.13%	6.26%
87	3.523		
87	3.523	2.03%	8.28%
73	3.776		
73	3.776	2.39%	10.67%
62.5	4		
62.5	4	0.24%	10.91%
61	4.035		
61	4.035	2.83%	13.74%
51	4.293		
51	4.293	3.55%	17.28%
43	4.54		
43	4.54	4.48%	21.77%
36	4.796		
36	4.796	5.30%	27.06%
30	5.059		
30	5.059	5.93%	32.99%
25	5.322		
25	5.322	6.17%	39.16%
21	5.573		
21	5.573	5.71%	44.87%
18	5.796		
18	5.796	6.77%	51.64%
15	6.059		
15	6.059	6.28%	57.92%
12.5	6.322		
12.5	6.322	5.29%	63.21%
10.5	6.573		
10.5	6.573	4.07%	67.28%
9	6.796		
9	6.796	4.23%	71.50%
7.5	7.059		
7.5	7.059	4.50%	76.01%
6	7.381		
6	7.381	3.21%	79.21%
5	7.644		
5	7.644	2.38%	81.59%
4.3	7.861		
4.3	7.861	1.08%	82.68%
4	7.966		
4	7.966	1.08%	83.76%
3.7	8.078		
3.7	8.078	2.34%	86.10%
3.1	8.334		
3.1	8.334	2.11%	88.21%
2.6	8.587		
2.6	8.587	1.83%	90.04%
2.2	8.828		
2.2	8.828	1.98%	92.02%
1.8	9.118		
1.8	9.118	1.59%	93.61%
1.5	9.381		
1.5	9.381	1.12%	94.74%
1.3	9.587		
1.3	9.587	1.18%	95.92%
1.1	9.828		
1.1	9.828	1.25%	97.17%
0.9	10.118		
< 0,900	> 10,118	2.83%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 68
Livello (cm)	(50-75)
Peso totale (g)	18.6
Frazione > 63 μm (%)	10.7
Frazione < 63 μm (%)	89.3

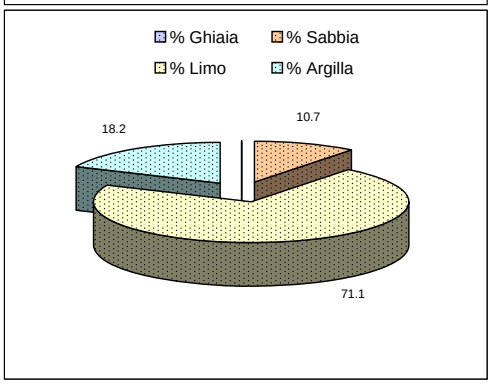
Frazione grossolana (> 63 μm) = 10.7	
% Ghiaia	% Sabbia
0.0	10.7

Frazione pelitica (< 63 μm) = 89.3	
% Limo	% Argilla
71.1	18.2

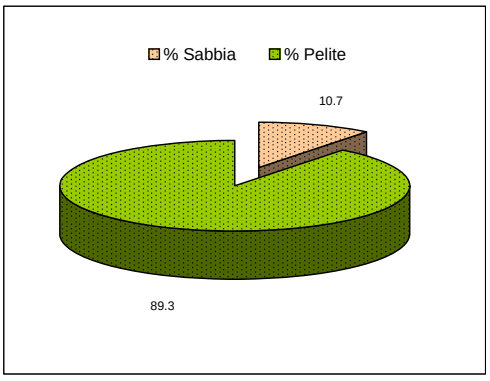
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.279
Deviazione Standard	1.924
Asimmetria (Skewness)	0.113
Appuntimento (Kurtosis)	1.195
Mediana (Φ)	6.096
Moda (Φ)	6.000

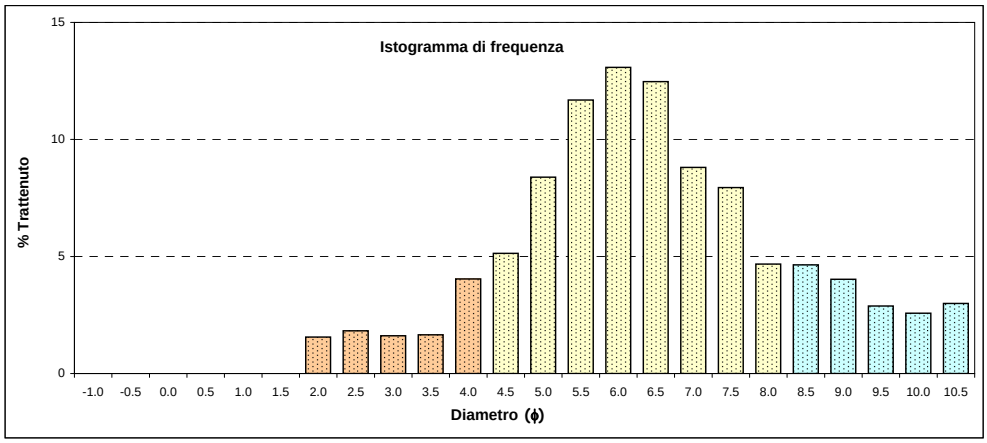
Percentili (Φ)	
5	3.001
16	4.551
25	5.093
50	6.096
75	7.387
84	8.191
95	9.692

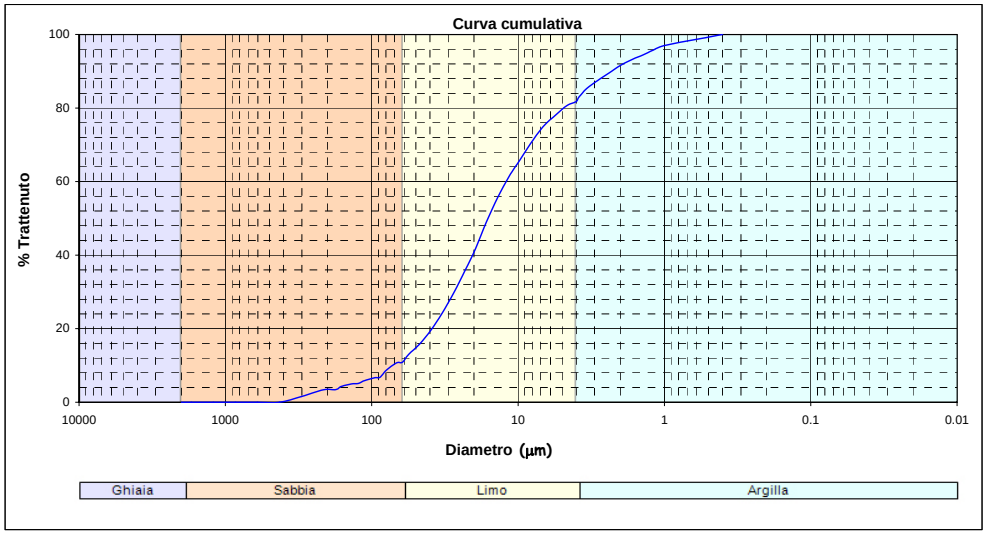
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.56%	1.56%
250	2		
250	2	1.83%	3.38%
176.78	2.5		
176.78	2.5	0.06%	3.44%
175	2.515		
175	2.515	0.87%	4.31%
147	2.766		
147	2.766	0.68%	5.00%
125	3		
125	3	0.08%	5.07%
123	3.023		
123	3.023	0.76%	5.83%
103	3.279		
103	3.279	0.81%	6.65%
88.39	3.5		
88.39	3.5	0.13%	6.78%
87	3.523		
87	3.523	1.86%	8.64%
73	3.776		
73	3.776	2.05%	10.69%
62.5	4		
62.5	4	0.18%	10.87%
61	4.035		
61	4.035	2.16%	13.03%
51	4.293		
51	4.293	2.80%	15.83%
43	4.54		
43	4.54	3.72%	19.55%
36	4.796		
36	4.796	4.67%	24.22%
30	5.059		
30	5.059	5.56%	29.78%
25	5.322		
25	5.322	6.12%	35.90%
21	5.573		
21	5.573	5.89%	41.79%
18	5.796		
18	5.796	7.19%	48.98%
15	6.059		
15	6.059	6.76%	55.74%
12.5	6.322		
12.5	6.322	5.71%	61.44%
10.5	6.573		
10.5	6.573	4.36%	65.80%
9	6.796		
9	6.796	4.45%	70.25%
7.5	7.059		
7.5	7.059	4.66%	74.91%
6	7.381		
6	7.381	3.29%	78.20%
5	7.644		
5	7.644	2.44%	80.64%
4.3	7.861		
4.3	7.861	1.12%	81.76%
4	7.966		
4	7.966	1.12%	82.87%
3.7	8.078		
3.7	8.078	2.43%	85.30%
3.1	8.334		
3.1	8.334	2.21%	87.52%
2.6	8.587		
2.6	8.587	1.93%	89.45%
2.2	8.828		
2.2	8.828	2.10%	91.54%
1.8	9.118		
1.8	9.118	1.69%	93.24%
1.5	9.381		
1.5	9.381	1.19%	94.43%
1.3	9.587		
1.3	9.587	1.26%	95.69%
1.1	9.828		
1.1	9.828	1.32%	97.01%
0.9	10.118		
< 0,900	> 10,118	2.99%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 69
Livello (cm)	sup
Peso totale (g)	25.6
Frazione > 63 μm (%)	5.7
Frazione < 63 μm (%)	94.3

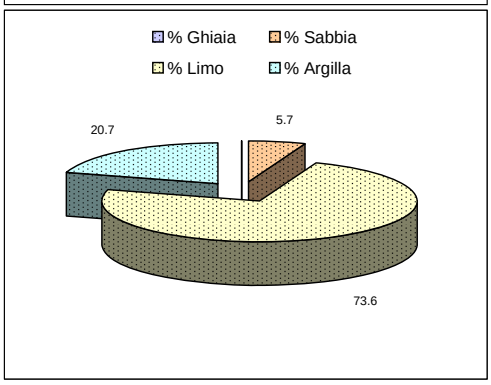
Frazione grossolana (> 63 μm) = 5.7	
% Ghiaia	% Sabbia
0.0	5.7

Frazione pelitica (< 63 μm) = 94.3	
% Limo	% Argilla
73.6	20.7

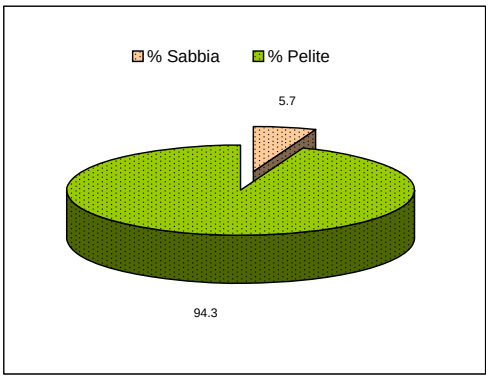
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.539
Deviazione Standard	1.765
Asimmetria (Skewness)	0.200
Appuntimento (Kurtosis)	1.076
Mediana (Φ)	6.289
Moda (Φ)	6.000

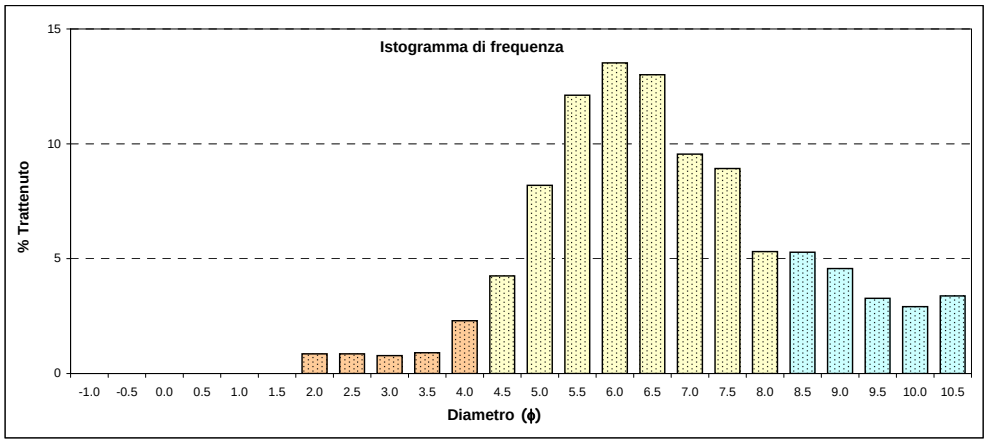
Percentili (Φ)	
5	3.869
16	4.932
25	5.362
50	6.289
75	7.623
84	8.395
95	9.804

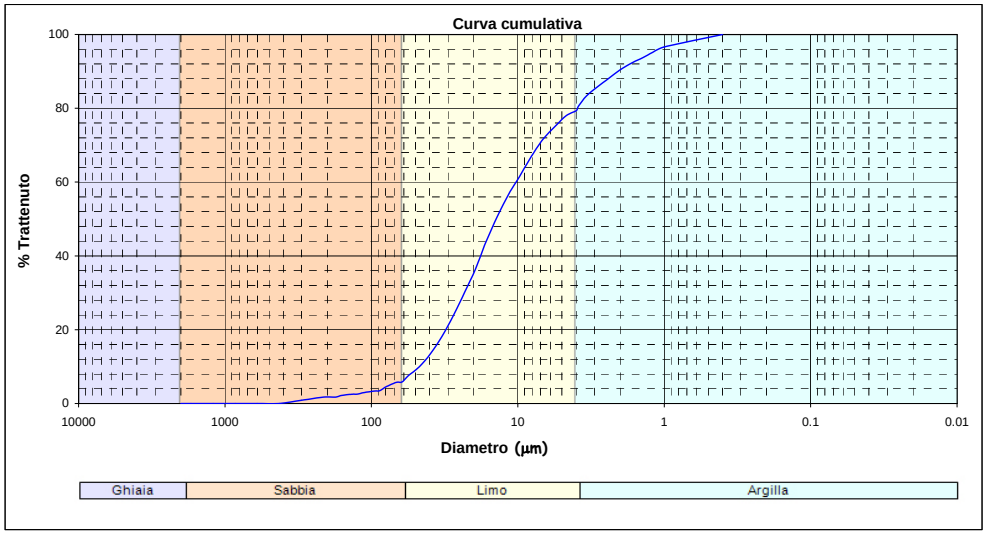
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.86%	0.86%
250	2		
250	2	0.86%	1.72%
176.78	2.5		
176.78	2.5	0.03%	1.74%
175	2.515		
175	2.515	0.42%	2.17%
147	2.766		
147	2.766	0.33%	2.50%
125	3		
125	3	0.04%	2.54%
123	3.023		
123	3.023	0.41%	2.94%
103	3.279		
103	3.279	0.46%	3.40%
88.39	3.5		
88.39	3.5	0.06%	3.46%
87	3.523		
87	3.523	1.00%	4.46%
73	3.776		
73	3.776	1.25%	5.71%
62.5	4		
62.5	4	0.13%	5.83%
61	4.035		
61	4.035	1.70%	7.53%
51	4.293		
51	4.293	2.43%	9.96%
43	4.54		
43	4.54	3.51%	13.47%
36	4.796		
36	4.796	4.68%	18.15%
30	5.059		
30	5.059	5.75%	23.90%
25	5.322		
25	5.322	6.36%	30.27%
21	5.573		
21	5.573	6.10%	36.37%
18	5.796		
18	5.796	7.42%	43.79%
15	6.059		
15	6.059	7.01%	50.80%
12.5	6.322		
12.5	6.322	6.00%	56.80%
10.5	6.573		
10.5	6.573	4.67%	61.47%
9	6.796		
9	6.796	4.88%	66.35%
7.5	7.059		
7.5	7.059	5.21%	71.56%
6	7.381		
6	7.381	3.72%	75.28%
5	7.644		
5	7.644	2.77%	78.04%
4.3	7.861		
4.3	7.861	1.27%	79.31%
4	7.966		
4	7.966	1.27%	80.59%
3.7	8.078		
3.7	8.078	2.76%	83.35%
3.1	8.334		
3.1	8.334	2.52%	85.87%
2.6	8.587		
2.6	8.587	2.19%	88.06%
2.2	8.828		
2.2	8.828	2.38%	90.44%
1.8	9.118		
1.8	9.118	1.92%	92.36%
1.5	9.381		
1.5	9.381	1.35%	93.71%
1.3	9.587		
1.3	9.587	1.42%	95.13%
1.1	9.828		
1.1	9.828	1.49%	96.62%
0.9	10.118		
< 0,900	> 10,118	3.38%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 70
Livello (cm)	sup
Peso totale (g)	27.0
Frazione > 63 μm (%)	5.1
Frazione < 63 μm (%)	94.9

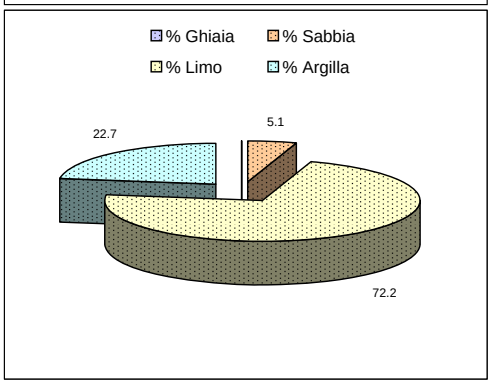
Frazione grossolana (> 63 μm) = 5.1	
% Ghiaia	% Sabbia
0.0	5.1

Frazione pelitica (< 63 μm) = 94.9	
% Limo	% Argilla
72.2	22.7

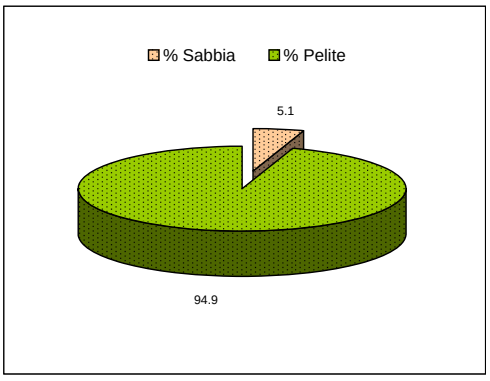
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.725
Deviazione Standard	1.735
Asimmetria (Skewness)	0.169
Appuntimento (Kurtosis)	1.093
Mediana (Φ)	6.503
Moda (Φ)	6.500

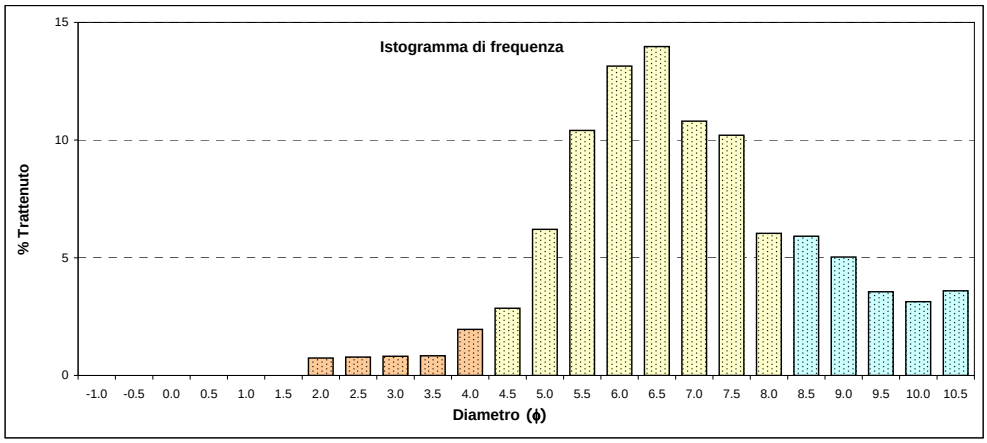
Percentili (Φ)	
5	3.968
16	5.152
25	5.588
50	6.503
75	7.796
84	8.521
95	9.861

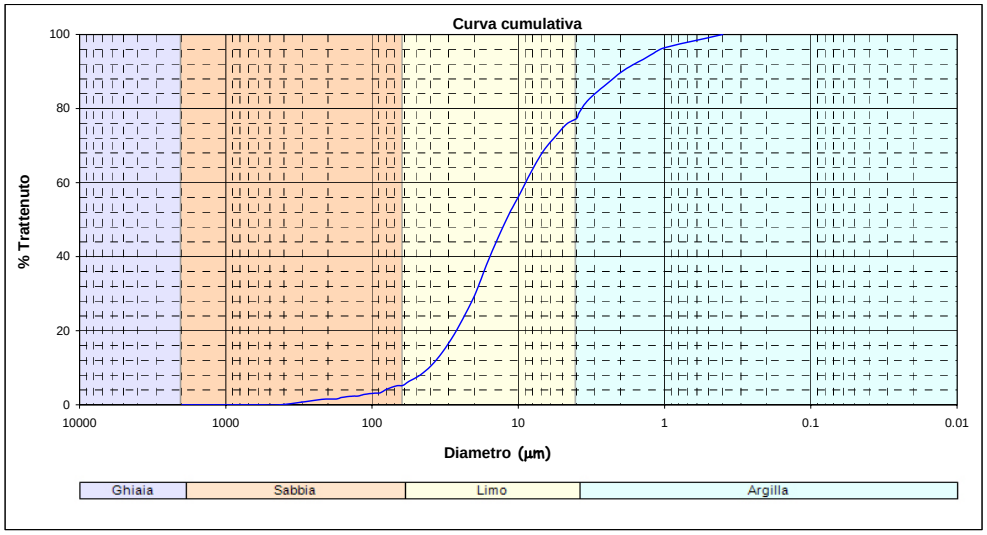
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.74%	0.74%
250	2		
250	2	0.78%	1.52%
176.78	2.5		
176.78	2.5	0.03%	1.55%
175	2.515		
175	2.515	0.44%	1.99%
147	2.766		
147	2.766	0.35%	2.34%
125	3		
125	3	0.04%	2.38%
123	3.023		
123	3.023	0.43%	2.81%
103	3.279		
103	3.279	0.37%	3.17%
88.39	3.5		
88.39	3.5	0.07%	3.24%
87	3.523		
87	3.523	0.90%	4.14%
73	3.776		
73	3.776	1.00%	5.13%
62.5	4		
62.5	4	0.08%	5.21%
61	4.035		
61	4.035	1.10%	6.31%
51	4.293		
51	4.293	1.68%	7.99%
43	4.54		
43	4.54	2.57%	10.56%
36	4.796		
36	4.796	3.64%	14.20%
30	5.059		
30	5.059	4.77%	18.97%
25	5.322		
25	5.322	5.64%	24.61%
21	5.573		
21	5.573	5.74%	30.35%
18	5.796		
18	5.796	7.41%	37.76%
15	6.059		
15	6.059	7.39%	45.15%
12.5	6.322		
12.5	6.322	6.58%	51.73%
10.5	6.573		
10.5	6.573	5.25%	56.98%
9	6.796		
9	6.796	5.56%	62.53%
7.5	7.059		
7.5	7.059	5.96%	68.49%
6	7.381		
6	7.381	4.25%	72.74%
5	7.644		
5	7.644	3.16%	75.89%
4.3	7.861		
4.3	7.861	1.44%	77.33%
4	7.966		
4	7.966	1.44%	78.77%
3.7	8.078		
3.7	8.078	3.11%	81.88%
3.1	8.334		
3.1	8.334	2.81%	84.69%
2.6	8.587		
2.6	8.587	2.42%	87.11%
2.2	8.828		
2.2	8.828	2.61%	89.72%
1.8	9.118		
1.8	9.118	2.09%	91.81%
1.5	9.381		
1.5	9.381	1.46%	93.27%
1.3	9.587		
1.3	9.587	1.53%	94.80%
1.1	9.828		
1.1	9.828	1.60%	96.40%
0.9	10.118		
< 0,900	> 10,118	3.60%	100.00%

*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 71
Livello (cm)	sup
Peso totale (g)	106.3
Frazione > 63 μm (%)	79.8
Frazione < 63 μm (%)	20.2

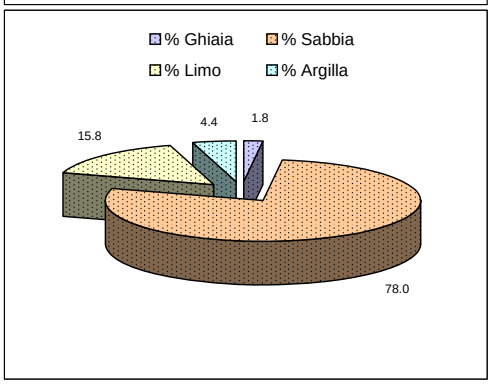
Frazione grossolana (> 63 μm) = 79.8	
% Ghiaia	% Sabbia
1.8	78.0

Frazione pelitica (< 63 μm) = 20.2	
% Limo	% Argilla
15.8	4.4

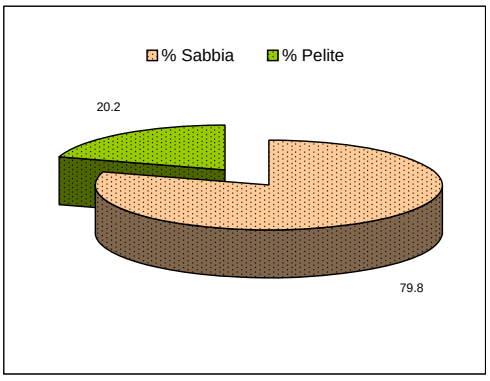
Parametri statistici (Folk & Ward***)	
Media (Φ)	2.549
Deviazione Standard	2.282
Asimmetria (Skewness)	0.629
Appuntimento (Kurtosis)	1.819
Mediana (Φ)	1.572
Moda (Φ)	1.500

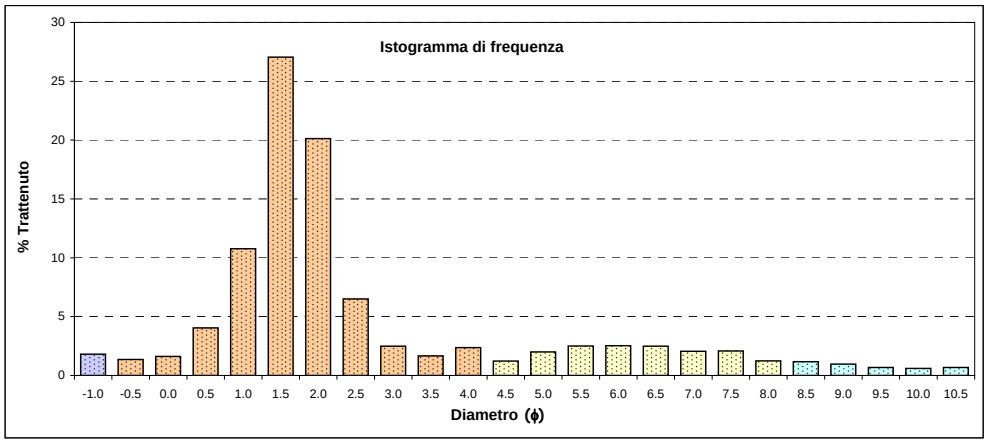
Percentili (Φ)	
5	0.023
16	0.813
25	1.087
50	1.572
75	2.828
84	5.261
95	7.748

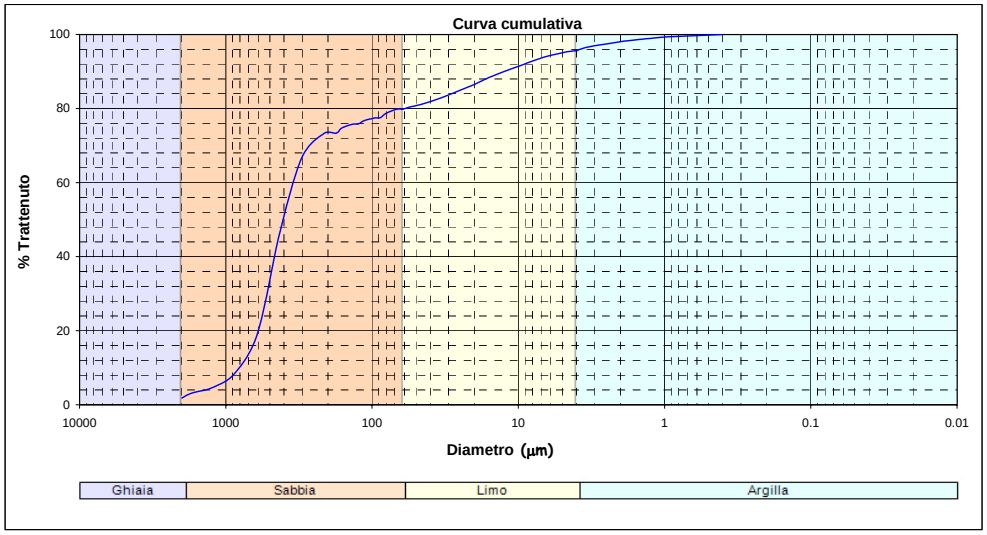
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	1.81%	1.81%
2000	-1	1.35%	3.16%
1414.21	-0.5		
1414.21	-0.5	1.62%	4.78%
1000	0		
1000	0	4.04%	8.82%
707.11	0.5		
707.11	0.5	10.77%	19.59%
500	1		
500	1	27.05%	46.64%
353.55	1.5		
353.55	1.5	20.13%	66.77%
250	2		
250	2	6.50%	73.27%
176.78	2.5		
176.78	2.5	0.09%	73.36%
175	2.515		
175	2.515	1.35%	74.70%
147	2.766		
147	2.766	1.06%	75.76%
125	3		
125	3	0.09%	75.85%
123	3.023		
123	3.023	0.88%	76.73%
103	3.279		
103	3.279	0.70%	77.43%
88.39	3.5		
88.39	3.5	0.11%	77.54%
87	3.523		
87	3.523	1.21%	78.74%
73	3.776		
73	3.776	1.06%	79.80%
62.5	4		
62.5	4	0.04%	79.84%
61	4.035		
61	4.035	0.51%	80.35%
51	4.293		
51	4.293	0.68%	81.03%
43	4.54		
43	4.54	0.90%	81.93%
36	4.796		
36	4.796	1.10%	83.03%
30	5.059		
30	5.059	1.23%	84.26%
25	5.322		
25	5.322	1.27%	85.53%
21	5.573		
21	5.573	1.15%	86.68%
18	5.796		
18	5.796	1.37%	88.05%
15	6.059		
15	6.059	1.31%	89.37%
12.5	6.322		
12.5	6.322	1.17%	90.54%
10.5	6.573		
10.5	6.573	0.97%	91.51%
9	6.796		
9	6.796	1.08%	92.59%
7.5	7.059		
7.5	7.059	1.21%	93.80%
6	7.381		
6	7.381	0.88%	94.68%
5	7.644		
5	7.644	0.65%	95.33%
4.3	7.861		
4.3	7.861	0.29%	95.62%
4	7.966		
4	7.966	0.29%	95.91%
3.7	8.078		
3.7	8.078	0.62%	96.54%
3.1	8.334		
3.1	8.334	0.55%	97.09%
2.6	8.587		
2.6	8.587	0.47%	97.55%
2.2	8.828		
2.2	8.828	0.50%	98.05%
1.8	9.118		
1.8	9.118	0.40%	98.45%
1.5	9.381		
1.5	9.381	0.28%	98.73%
1.3	9.587		
1.3	9.587	0.29%	99.02%
1.1	9.828		
1.1	9.828	0.30%	99.32%
0.9	10.118		
< 0,900	> 10,118	0.68%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 81
Livello (cm)	(0-25)
Peso totale (g)	3.8
Frazione > 63 μm (%)	36.3
Frazione < 63 μm (%)	63.7

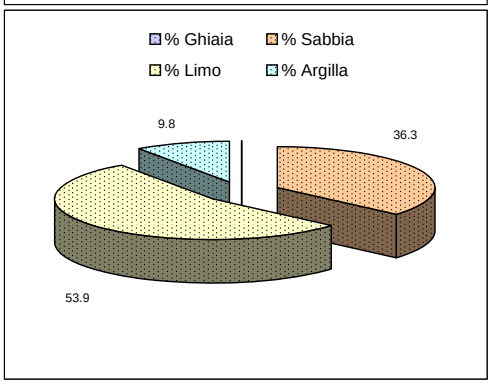
Frazione grossolana (> 63 μm) = 36.3	
% Ghiaia	% Sabbia
0.0	36.3

Frazione pelitica (< 63 μm) = 63.7	
% Limo	% Argilla
53.9	9.8

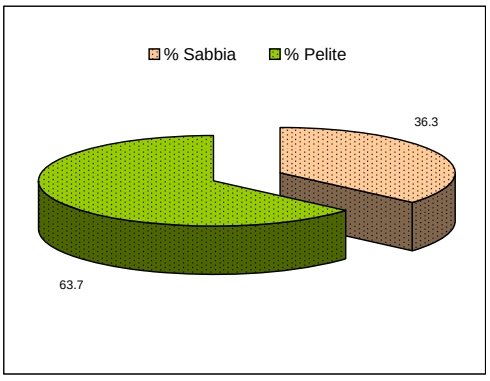
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.047
Deviazione Standard	1.912
Asimmetria (Skewness)	0.307
Appuntimento (Kurtosis)	0.999
Mediana (Φ)	4.702
Moda (Φ)	4.000

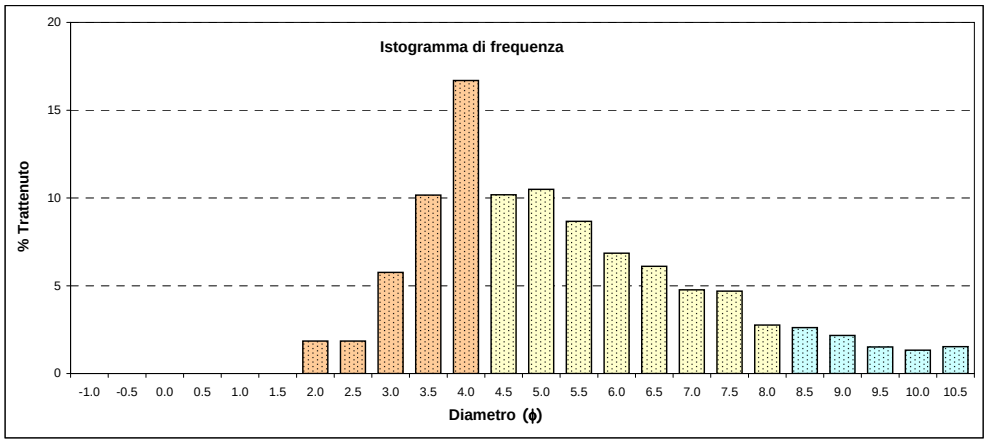
Percentili (Φ)	
5	2.618
16	3.314
25	3.657
50	4.702
75	6.255
84	7.126
95	8.949

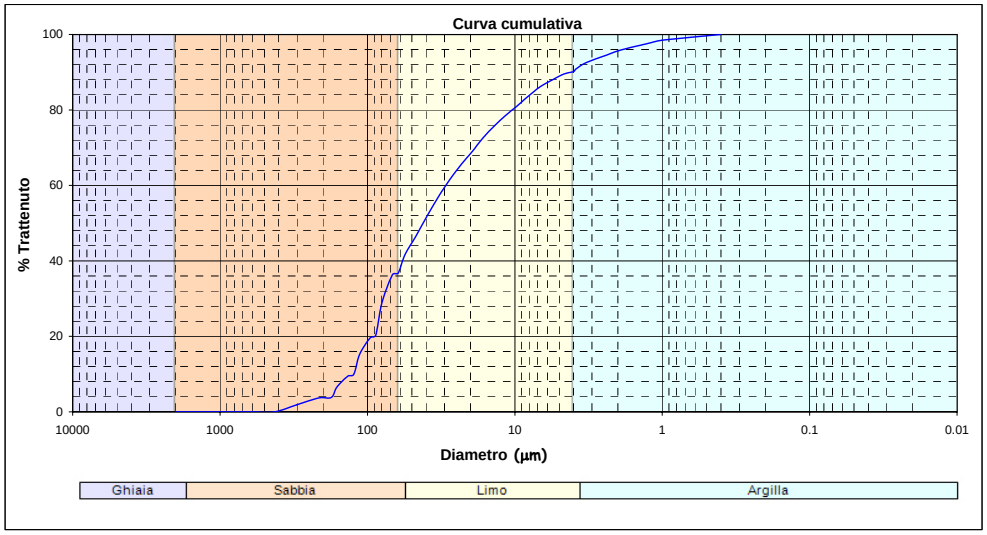
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.85%	1.85%
250	2		
250	2	1.85%	3.70%
176.78	2.5		
176.78	2.5	0.12%	3.82%
175	2.515		
175	2.515	2.73%	6.55%
147	2.766		
147	2.766	2.91%	9.46%
125	3		
125	3	0.48%	9.94%
123	3.023		
123	3.023	5.33%	15.28%
103	3.279		
103	3.279	4.35%	19.62%
88.39	3.5		
88.39	3.5	0.74%	20.37%
87	3.523		
87	3.523	8.40%	28.77%
73	3.776		
73	3.776	7.55%	36.32%
62.5	4		
62.5	4	0.47%	36.78%
61	4.035		
61	4.035	4.69%	41.47%
51	4.293		
51	4.293	5.03%	46.50%
43	4.54		
43	4.54	5.34%	51.84%
36	4.796		
36	4.796	5.15%	56.99%
30	5.059		
30	5.059	4.65%	61.64%
25	5.322		
25	5.322	4.02%	65.66%
21	5.573		
21	5.573	3.26%	68.92%
18	5.796		
18	5.796	3.59%	72.51%
15	6.059		
15	6.059	3.27%	75.78%
12.5	6.322		
12.5	6.322	2.83%	78.61%
10.5	6.573		
10.5	6.573	2.28%	80.89%
9	6.796		
9	6.796	2.49%	83.38%
7.5	7.059		
7.5	7.059	2.73%	86.11%
6	7.381		
6	7.381	1.96%	88.08%
5	7.644		
5	7.644	1.45%	89.53%
4.3	7.861		
4.3	7.861	0.65%	90.18%
4	7.966		
4	7.966	0.65%	90.84%
3.7	8.078		
3.7	8.078	1.39%	92.22%
3.1	8.334		
3.1	8.334	1.23%	93.46%
2.6	8.587		
2.6	8.587	1.05%	94.51%
2.2	8.828		
2.2	8.828	1.12%	95.63%
1.8	9.118		
1.8	9.118	0.89%	96.52%
1.5	9.381		
1.5	9.381	0.62%	97.14%
1.3	9.587		
1.3	9.587	0.65%	97.79%
1.1	9.828		
1.1	9.828	0.68%	98.47%
0.9	10.118		
< 0,900	> 10,118	1.53%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 81**
Livello (cm)	**(25-50)**
Peso totale (g)	9.3
Frazione > 63 μm (%)	37.7
Frazione < 63 μm (%)	62.3

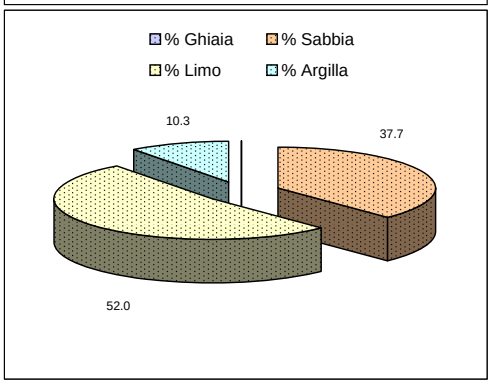
Frazione grossolana (> 63 μm) = 37.7	
% Ghiaia	**% Sabbia**
0.0	**37.7**

Frazione pelitica (< 63 μm) = 62.3	
% Limo	**% Argilla**
52.0	**10.3**

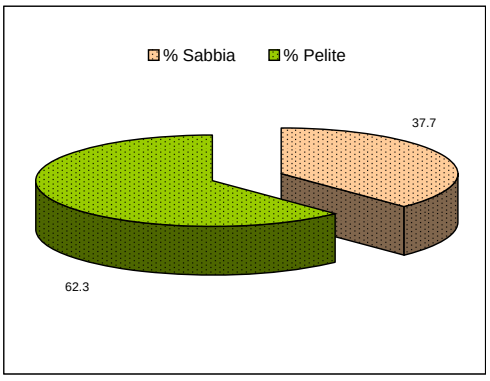
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.994
Deviazione Standard	2.093
Asimmetria (Skewness)	0.205
Appuntimento (Kurtosis)	0.990
Mediana (Φ)	4.740
Moda (Φ)	4.000

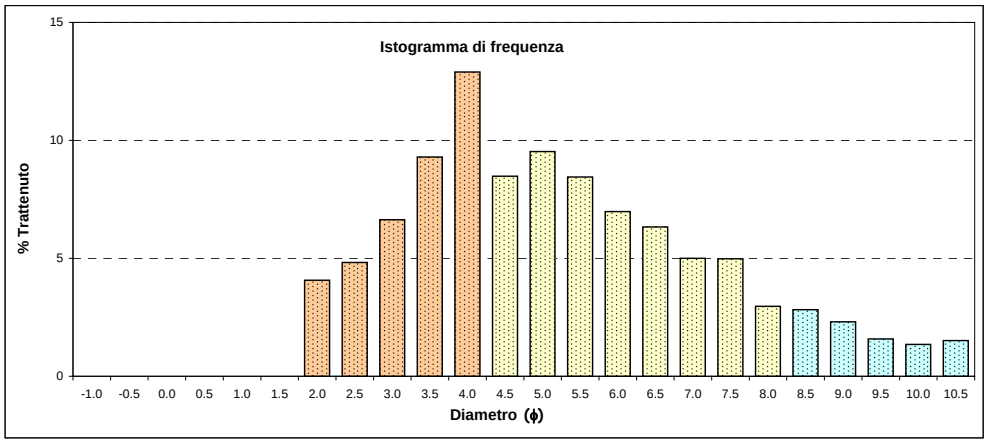
Percentili (Φ)	
5	2.084
16	3.024
25	3.507
50	4.740
75	6.358
84	7.219
95	8.974

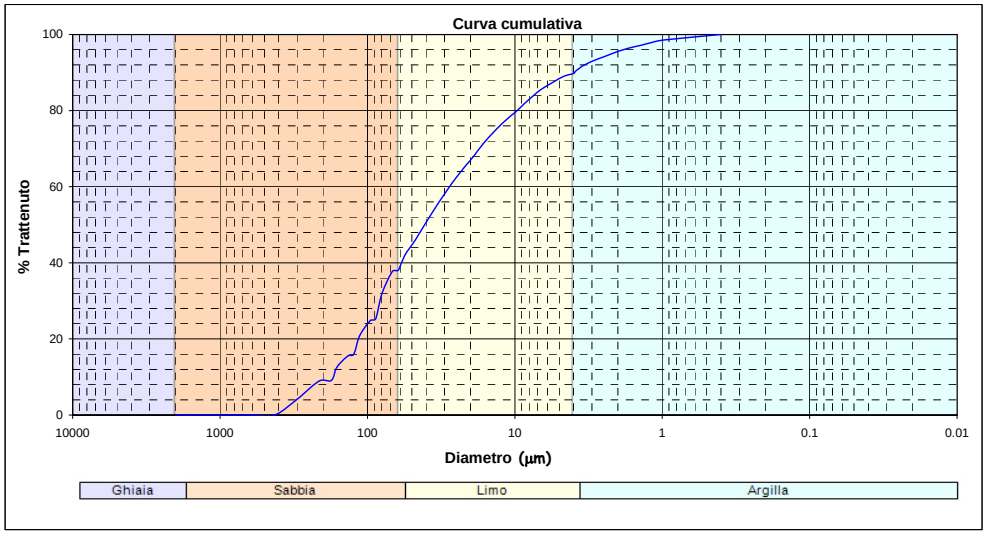
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	4.07%	4.07%
250	2		
250	2	4.82%	8.90%
176.78	2.5		
176.78	2.5	0.21%	9.10%
175	2.515		
175	2.515	3.45%	12.55%
147	2.766		
147	2.766	2.98%	15.53%
125	3		
125	3	0.45%	15.99%
123	3.023		
123	3.023	4.86%	20.85%
103	3.279		
103	3.279	3.97%	24.83%
88.39	3.5		
88.39	3.5	0.55%	25.37%
87	3.523		
87	3.523	6.40%	31.78%
73	3.776		
73	3.776	5.95%	37.73%
62.5	4		
62.5	4	0.35%	38.08%
61	4.035		
61	4.035	3.82%	41.90%
51	4.293		
51	4.293	4.30%	46.21%
43	4.54		
43	4.54	4.76%	50.96%
36	4.796		
36	4.796	4.77%	55.73%
30	5.059		
30	5.059	4.47%	60.20%
25	5.322		
25	5.322	3.98%	64.18%
21	5.573		
21	5.573	3.30%	67.48%
18	5.796		
18	5.796	3.68%	71.16%
15	6.059		
15	6.059	3.38%	74.54%
12.5	6.322		
12.5	6.322	2.94%	77.48%
10.5	6.573		
10.5	6.573	2.38%	79.87%
9	6.796		
9	6.796	2.61%	82.48%
7.5	7.059		
7.5	7.059	2.89%	85.37%
6	7.381		
6	7.381	2.09%	87.46%
5	7.644		
5	7.644	1.56%	89.02%
4.3	7.861		
4.3	7.861	0.70%	89.72%
4	7.966		
4	7.966	0.70%	90.43%
3.7	8.078		
3.7	8.078	1.50%	91.93%
3.1	8.334		
3.1	8.334	1.33%	93.25%
2.6	8.587		
2.6	8.587	1.12%	94.37%
2.2	8.828		
2.2	8.828	1.19%	95.56%
1.8	9.118		
1.8	9.118	0.93%	96.49%
1.5	9.381		
1.5	9.381	0.64%	97.14%
1.3	9.587		
1.3	9.587	0.67%	97.80%
1.1	9.828		
1.1	9.828	0.69%	98.49%
0.9	10.118		
< 0,900	> 10,118	1.51%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 81
Livello (cm)	(50-75)
Peso totale (g)	16.4
Frazione > 63 μm (%)	24.6
Frazione < 63 μm (%)	75.4

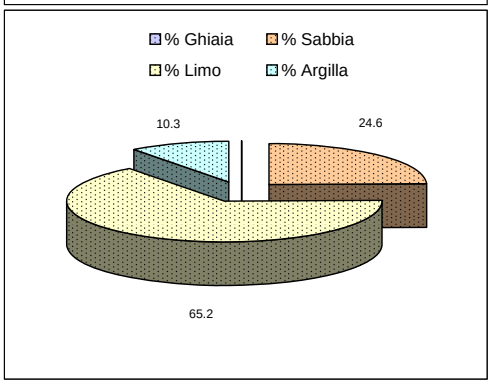
Frazione grossolana (> 63 μm) = 24.6	
% Ghiaia	% Sabbia
0.0	24.6

Frazione pelitica (< 63 μm) = 75.4	
% Limo	% Argilla
65.2	10.3

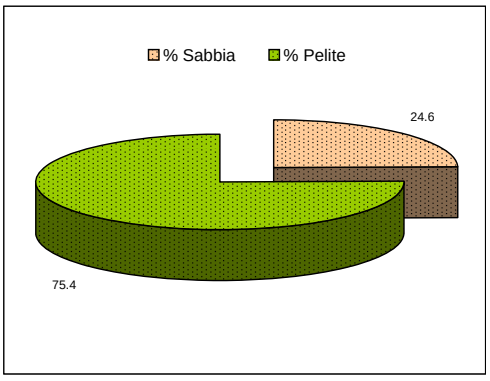
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.343
Deviazione Standard	1.880
Asimmetria (Skewness)	0.183
Appuntimento (Kurtosis)	1.045
Mediana (Φ)	5.130
Moda (Φ)	5.000

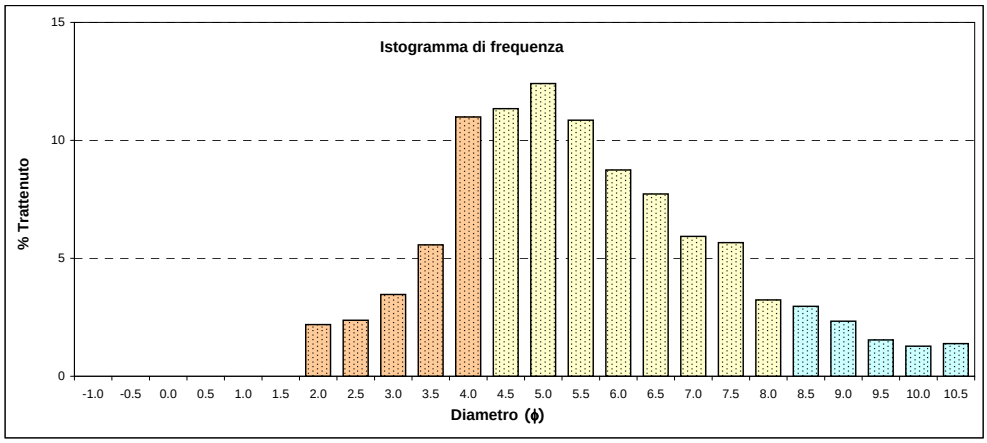
Percentili (Φ)	
5	2.559
16	3.616
25	4.029
50	5.130
75	6.523
84	7.284
95	8.916

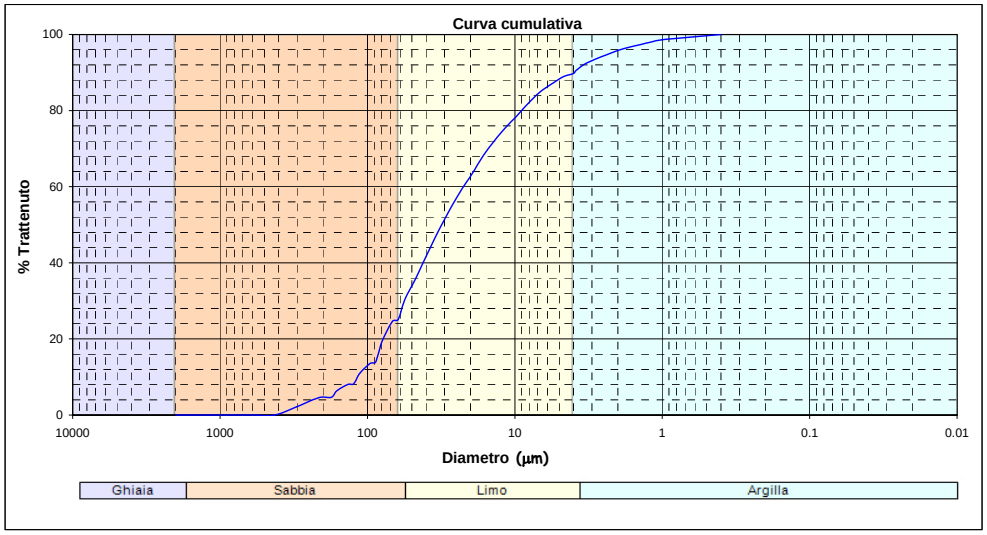
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.19%	2.19%
250	2		
250	2	2.37%	4.57%
176.78	2.5		
176.78	2.5	0.10%	4.67%
175	2.515		
175	2.515	1.73%	6.40%
147	2.766		
147	2.766	1.63%	8.03%
125	3		
125	3	0.22%	8.25%
123	3.023		
123	3.023	2.68%	10.93%
103	3.279		
103	3.279	2.67%	13.60%
88.39	3.5		
88.39	3.5	0.39%	13.99%
87	3.523		
87	3.523	5.18%	19.17%
73	3.776		
73	3.776	5.42%	24.59%
62.5	4		
62.5	4	0.49%	25.09%
61	4.035		
61	4.035	5.16%	30.25%
51	4.293		
51	4.293	5.69%	35.93%
43	4.54		
43	4.54	6.21%	42.15%
36	4.796		
36	4.796	6.19%	48.34%
30	5.059		
30	5.059	5.77%	54.11%
25	5.322		
25	5.322	5.08%	59.20%
21	5.573		
21	5.573	4.17%	63.36%
18	5.796		
18	5.796	4.58%	67.94%
15	6.059		
15	6.059	4.16%	72.10%
12.5	6.322		
12.5	6.322	3.57%	75.67%
10.5	6.573		
10.5	6.573	2.86%	78.53%
9	6.796		
9	6.796	3.08%	81.60%
7.5	7.059		
7.5	7.059	3.32%	84.92%
6	7.381		
6	7.381	2.35%	87.27%
5	7.644		
5	7.644	1.71%	88.98%
4.3	7.861		
4.3	7.861	0.76%	89.74%
4	7.966		
4	7.966	0.76%	90.51%
3.7	8.078		
3.7	8.078	1.59%	92.09%
3.1	8.334		
3.1	8.334	1.38%	93.47%
2.6	8.587		
2.6	8.587	1.14%	94.62%
2.2	8.828		
2.2	8.828	1.19%	95.80%
1.8	9.118		
1.8	9.118	0.92%	96.72%
1.5	9.381		
1.5	9.381	0.62%	97.34%
1.3	9.587		
1.3	9.587	0.63%	97.98%
1.1	9.828		
1.1	9.828	0.64%	98.62%
0.9	10.118		
< 0,900	> 10,118	1.38%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 81
Livello (cm)	(75-100)
Peso totale (g)	10.6
Frazione > 63 μm (%)	35.7
Frazione < 63 μm (%)	64.3

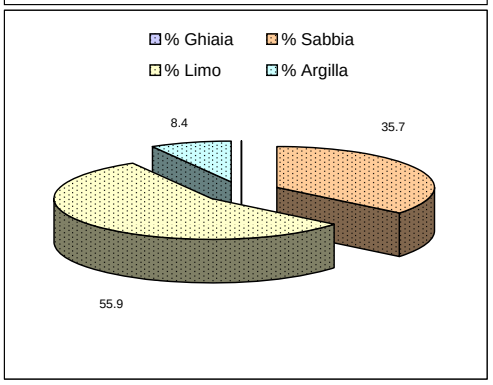
Frazione grossolana (> 63 μm) = 35.7	
% Ghiaia	% Sabbia
0.0	35.7

Frazione pelitica (< 63 μm) = 64.3	
% Limo	% Argilla
55.9	8.4

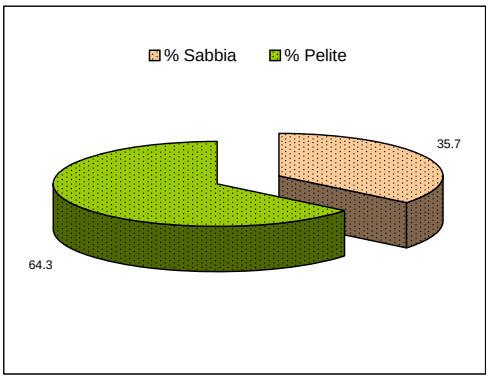
Parametri statistici (Folk & Ward***)	
Media (Φ)	4.983
Deviazione Standard	1.880
Asimmetria (Skewness)	0.226
Appuntimento (Kurtosis)	1.053
Mediana (Φ)	4.728
Moda (Φ)	4.000

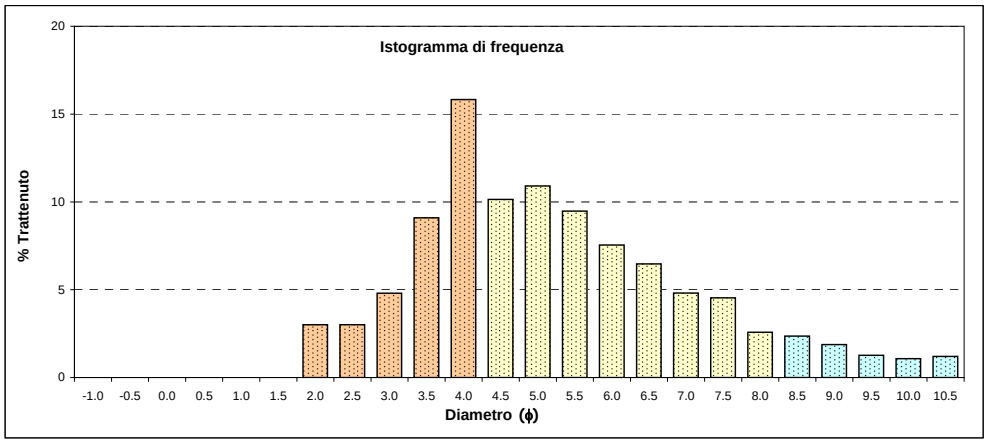
Percentili (Φ)	
5	2.310
16	3.284
25	3.659
50	4.728
75	6.143
84	6.937
95	8.694

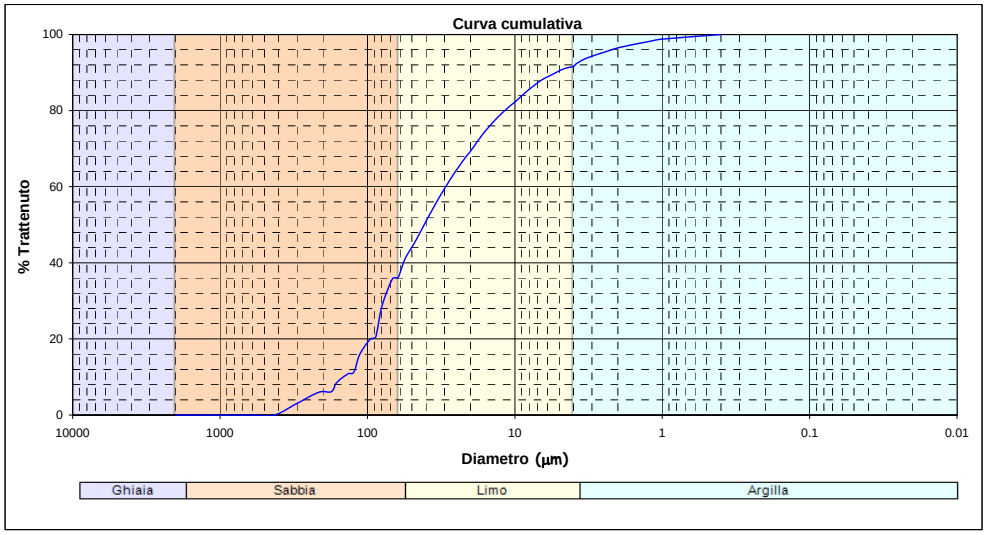
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	3.01%	3.01%
250	2		
250	2	3.01%	6.02%
176.78	2.5		
176.78	2.5	0.14%	6.16%
175	2.515		
175	2.515	2.40%	8.56%
147	2.766		
147	2.766	2.26%	10.82%
125	3		
125	3	0.42%	11.24%
123	3.023		
123	3.023	4.67%	15.91%
103	3.279		
103	3.279	4.01%	19.92%
88.39	3.5		
88.39	3.5	0.67%	20.59%
87	3.523		
87	3.523	7.89%	28.48%
73	3.776		
73	3.776	7.26%	35.74%
62.5	4		
62.5	4	0.45%	36.19%
61	4.035		
61	4.035	4.64%	40.83%
51	4.293		
51	4.293	5.06%	45.89%
43	4.54		
43	4.54	5.48%	51.36%
36	4.796		
36	4.796	5.43%	56.79%
30	5.059		
30	5.059	5.04%	61.84%
25	5.322		
25	5.322	4.43%	66.27%
21	5.573		
21	5.573	3.62%	69.89%
18	5.796		
18	5.796	3.93%	73.81%
15	6.059		
15	6.059	3.51%	77.32%
12.5	6.322		
12.5	6.322	2.96%	80.28%
10.5	6.573		
10.5	6.573	2.33%	82.61%
9	6.796		
9	6.796	2.48%	85.10%
7.5	7.059		
7.5	7.059	2.66%	87.76%
6	7.381		
6	7.381	1.88%	89.63%
5	7.644		
5	7.644	1.37%	91.00%
4.3	7.861		
4.3	7.861	0.61%	91.60%
4	7.966		
4	7.966	0.61%	92.21%
3.7	8.078		
3.7	8.078	1.26%	93.47%
3.1	8.334		
3.1	8.334	1.10%	94.57%
2.6	8.587		
2.6	8.587	0.92%	95.49%
2.2	8.828		
2.2	8.828	0.96%	96.45%
1.8	9.118		
1.8	9.118	0.75%	97.20%
1.5	9.381		
1.5	9.381	0.52%	97.72%
1.3	9.587		
1.3	9.587	0.53%	98.25%
1.1	9.828		
1.1	9.828	0.55%	98.80%
0.9	10.118		
< 0,900	> 10,118	1.20%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 82
Livello (cm)	(0-25)
Peso totale (g)	10.3
Frazione > 63 μm (%)	11.6
Frazione < 63 μm (%)	88.4

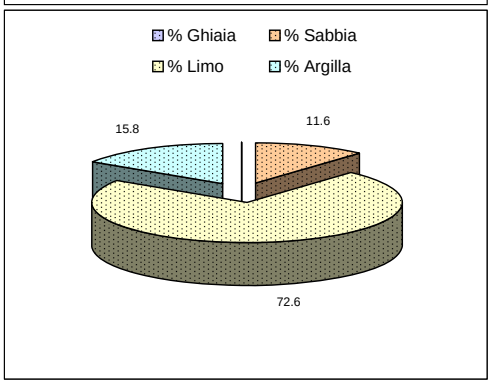
Frazione grossolana (> 63 μm) = 11.6	
% Ghiaia	% Sabbia
0.0	11.6

Frazione pelitica (< 63 μm) = 88.4	
% Limo	% Argilla
72.6	15.8

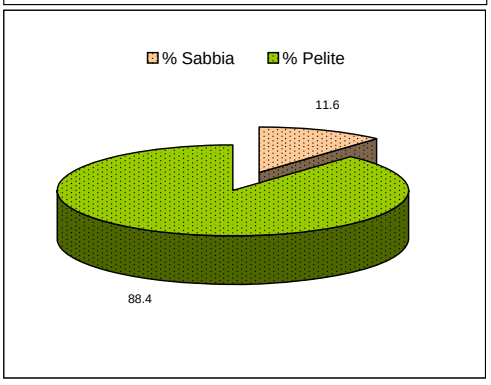
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.074
Deviazione Standard	1.833
Asimmetria (Skewness)	0.133
Appuntimento (Kurtosis)	1.043
Mediana (Φ)	5.923
Moda (Φ)	5.500

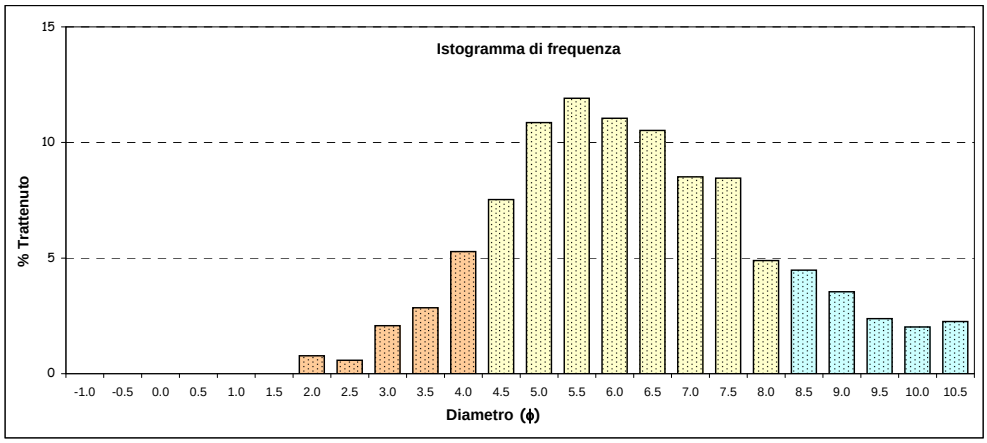
Percentili (Φ)	
5	3.277
16	4.348
25	4.830
50	5.923
75	7.249
84	7.950
95	9.431

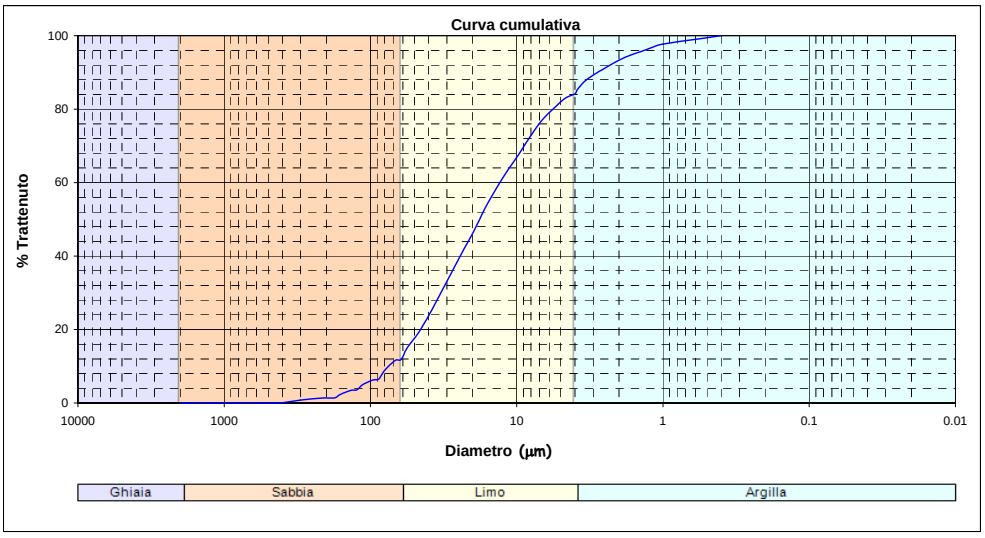
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.78%	0.78%
250	2		
250	2	0.58%	1.36%
176.78	2.5		
176.78	2.5	0.03%	1.39%
175	2.515		
175	2.515	0.92%	2.31%
147	2.766		
147	2.766	1.12%	3.43%
125	3		
125	3	0.12%	3.55%
123	3.023		
123	3.023	1.46%	5.01%
103	3.279		
103	3.279	1.27%	6.29%
88.39	3.5		
88.39	3.5	0.19%	6.47%
87	3.523		
87	3.523	2.42%	8.89%
73	3.776		
73	3.776	2.68%	11.57%
62.5	4		
62.5	4	0.27%	11.84%
61	4.035		
61	4.035	3.21%	15.05%
51	4.293		
51	4.293	4.05%	19.10%
43	4.54		
43	4.54	5.08%	24.18%
36	4.796		
36	4.796	5.78%	29.96%
30	5.059		
30	5.059	6.06%	36.02%
25	5.322		
25	5.322	5.86%	41.88%
21	5.573		
21	5.573	5.13%	47.00%
18	5.796		
18	5.796	5.92%	52.92%
15	6.059		
15	6.059	5.58%	58.51%
12.5	6.322		
12.5	6.322	4.94%	63.45%
10.5	6.573		
10.5	6.573	4.05%	67.50%
9	6.796		
9	6.796	4.47%	71.96%
7.5	7.059		
7.5	7.059	4.93%	76.89%
6	7.381		
6	7.381	3.53%	80.42%
5	7.644		
5	7.644	2.59%	83.01%
4.3	7.861		
4.3	7.861	1.15%	84.17%
4	7.966		
4	7.966	1.15%	85.32%
3.7	8.078		
3.7	8.078	2.40%	87.72%
3.1	8.334		
3.1	8.334	2.08%	89.80%
2.6	8.587		
2.6	8.587	1.73%	91.53%
2.2	8.828		
2.2	8.828	1.81%	93.34%
1.8	9.118		
1.8	9.118	1.41%	94.75%
1.5	9.381		
1.5	9.381	0.97%	95.72%
1.3	9.587		
1.3	9.587	1.00%	96.72%
1.1	9.828		
1.1	9.828	1.03%	97.74%
0.9	10.118		
< 0,900	> 10,118	2.26%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 82**
Livello (cm)	**(25-50)**
Peso totale (g)	8.5
Frazione > 63 μm (%)	14.6
Frazione < 63 μm (%)	85.4

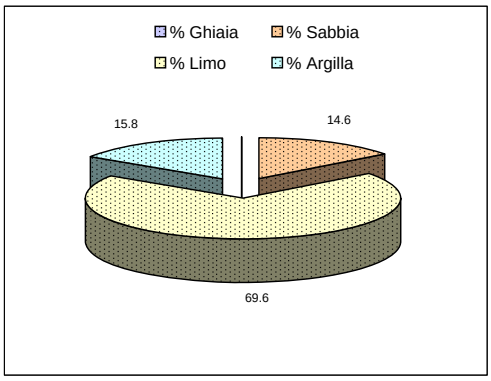
Frazione grossolana (> 63 μm) =	**14.6**
% Ghiaia	**% Sabbia**
0.0	**14.6**

Frazione pelitica (< 63 μm) =	**85.4**
% Limo	**% Argilla**
69.6	**15.8**

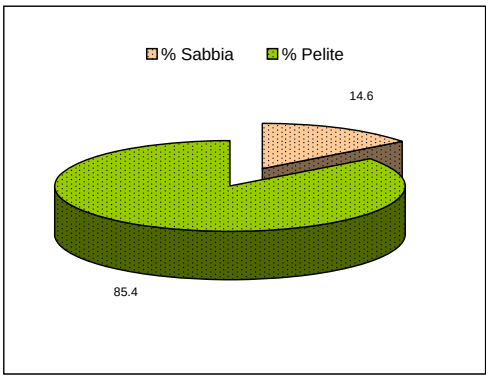
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.918
Deviazione Standard	1.943
Asimmetria (Skewness)	0.165
Appuntimento (Kurtosis)	1.035
Mediana (Φ)	5.712
Moda (Φ)	5.000

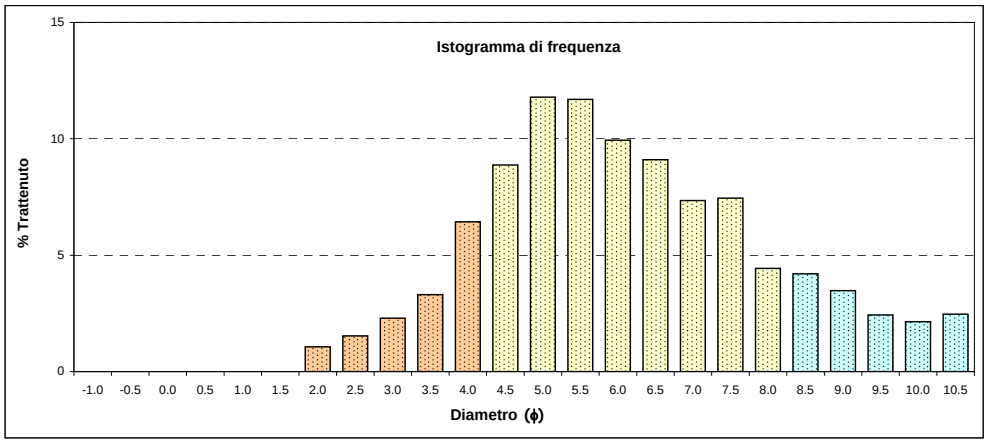
Percentili (Φ)	
5	3.020
16	4.100
25	4.603
50	5.712
75	7.171
84	7.943
95	9.504

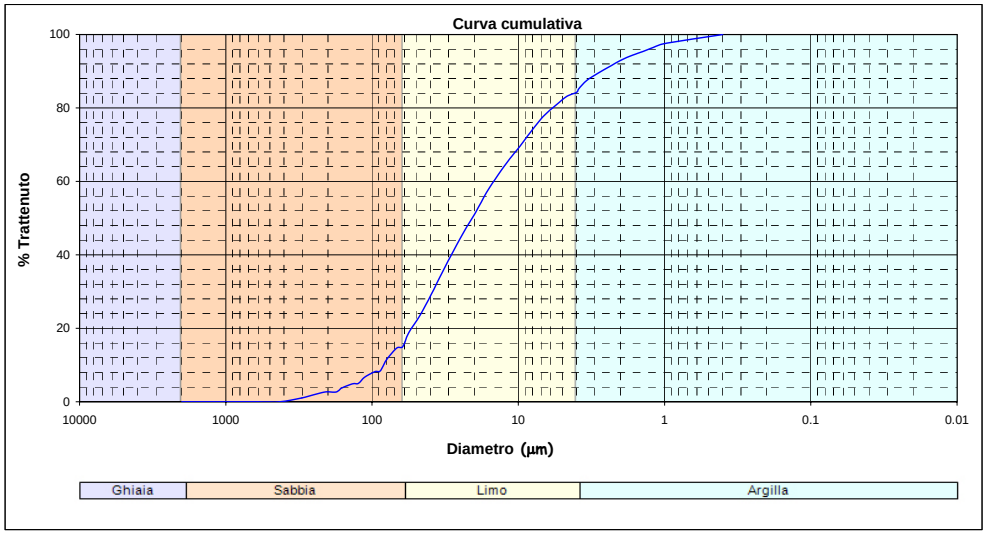
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.06%	1.06%
250	2		
250	2	1.53%	2.60%
176.78	2.5		
176.78	2.5	0.06%	2.66%
175	2.515		
175	2.515	1.09%	3.75%
147	2.766		
147	2.766	1.14%	4.89%
125	3		
125	3	0.13%	5.02%
123	3.023		
123	3.023	1.61%	6.63%
103	3.279		
103	3.279	1.57%	8.20%
88.39	3.5		
88.39	3.5	0.21%	8.41%
87	3.523		
87	3.523	2.93%	11.34%
73	3.776		
73	3.776	3.30%	14.64%
62.5	4		
62.5	4	0.33%	14.97%
61	4.035		
61	4.035	3.85%	18.82%
51	4.293		
51	4.293	4.69%	23.51%
43	4.54		
43	4.54	5.65%	29.16%
36	4.796		
36	4.796	6.14%	35.30%
30	5.059		
30	5.059	6.10%	41.40%
25	5.322		
25	5.322	5.60%	47.00%
21	5.573		
21	5.573	4.69%	51.69%
18	5.796		
18	5.796	5.25%	56.94%
15	6.059		
15	6.059	4.85%	61.79%
12.5	6.322		
12.5	6.322	4.25%	66.04%
10.5	6.573		
10.5	6.573	3.48%	69.52%
9	6.796		
9	6.796	3.86%	73.39%
7.5	7.059		
7.5	7.059	4.32%	77.71%
6	7.381		
6	7.381	3.13%	80.84%
5	7.644		
5	7.644	2.33%	83.17%
4.3	7.861		
4.3	7.861	1.05%	84.22%
4	7.966		
4	7.966	1.05%	85.27%
3.7	8.078		
3.7	8.078	2.23%	87.50%
3.1	8.334		
3.1	8.334	1.98%	89.48%
2.6	8.587		
2.6	8.587	1.68%	91.16%
2.2	8.828		
2.2	8.828	1.80%	92.95%
1.8	9.118		
1.8	9.118	1.43%	94.39%
1.5	9.381		
1.5	9.381	1.00%	95.39%
1.3	9.587		
1.3	9.587	1.05%	96.43%
1.1	9.828		
1.1	9.828	1.10%	97.53%
0.9	10.118		
< 0,900	> 10,118	2.47%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 82
Livello (cm)	(50-75)
Peso totale (g)	8.1
Frazione > 63 µm (%)	15.4
Frazione < 63 µm (%)	84.6

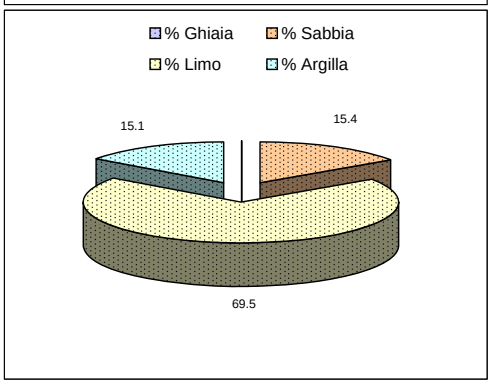
Frazione grossolana (> 63 µm) = 15.4	
% Ghiaia	% Sabbia
0.0	15.4

Frazione pelitica (< 63 µm) = 84.6	
% Limo	% Argilla
69.5	15.1

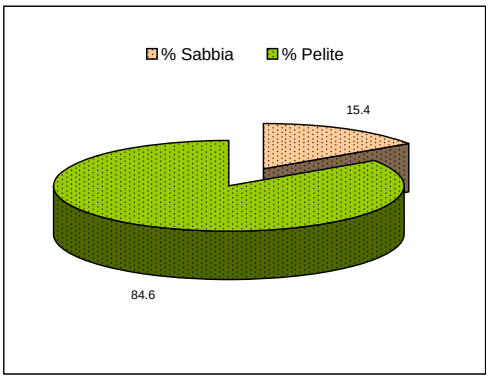
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.889
Deviazione Standard	1.921
Asimmetria (Skewness)	0.131
Appuntimento (Kurtosis)	1.025
Mediana (Φ)	5.743
Moda (Φ)	5.500

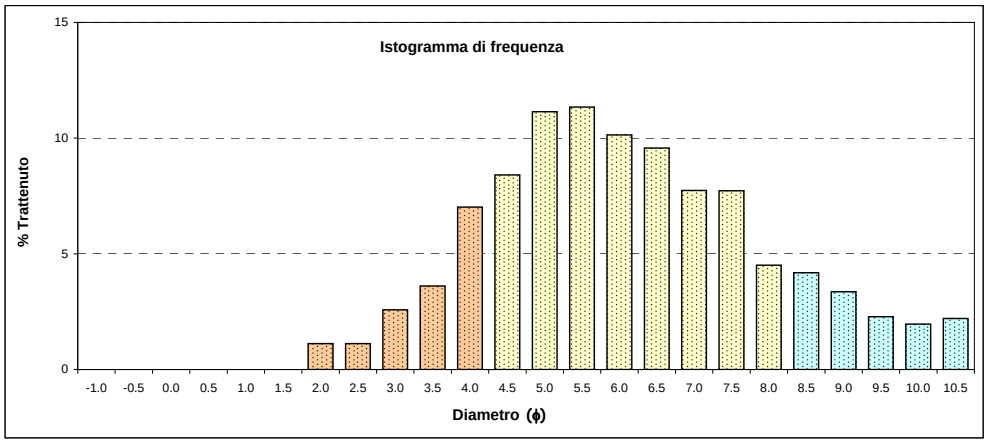
Percentili (Φ)	
5	3.028
16	4.051
25	4.591
50	5.743
75	7.140
84	7.873
95	9.401

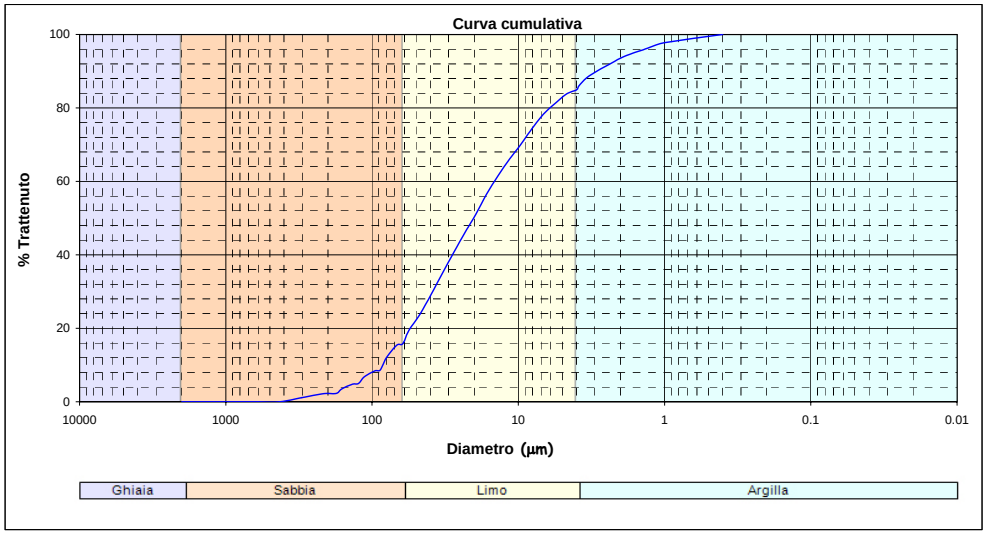
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.12%	1.12%
250	2		
250	2	1.12%	2.23%
176.78	2.5		
176.78	2.5	0.05%	2.29%
175	2.515		
175	2.515	1.19%	3.48%
147	2.766		
147	2.766	1.33%	4.81%
125	3		
125	3	0.15%	4.96%
123	3.023		
123	3.023	1.83%	6.80%
103	3.279		
103	3.279	1.62%	8.42%
88.39	3.5		
88.39	3.5	0.26%	8.68%
87	3.523		
87	3.523	3.28%	11.96%
73	3.776		
73	3.776	3.48%	15.44%
62.5	4		
62.5	4	0.32%	15.76%
61	4.035		
61	4.035	3.65%	19.41%
51	4.293		
51	4.293	4.44%	23.85%
43	4.54		
43	4.54	5.33%	29.19%
36	4.796		
36	4.796	5.81%	34.99%
30	5.059		
30	5.059	5.85%	40.84%
25	5.322		
25	5.322	5.49%	46.34%
21	5.573		
21	5.573	4.73%	51.06%
18	5.796		
18	5.796	5.41%	56.47%
15	6.059		
15	6.059	5.08%	61.55%
12.5	6.322		
12.5	6.322	4.49%	66.04%
10.5	6.573		
10.5	6.573	3.68%	69.72%
9	6.796		
9	6.796	4.06%	73.78%
7.5	7.059		
7.5	7.059	4.49%	78.27%
6	7.381		
6	7.381	3.23%	81.50%
5	7.644		
5	7.644	2.38%	83.88%
4.3	7.861		
4.3	7.861	1.06%	84.95%
4	7.966		
4	7.966	1.06%	86.01%
3.7	8.078		
3.7	8.078	2.23%	88.24%
3.1	8.334		
3.1	8.334	1.95%	90.19%
2.6	8.587		
2.6	8.587	1.64%	91.83%
2.2	8.828		
2.2	8.828	1.72%	93.55%
1.8	9.118		
1.8	9.118	1.35%	94.90%
1.5	9.381		
1.5	9.381	0.93%	95.83%
1.3	9.587		
1.3	9.587	0.96%	96.80%
1.1	9.828		
1.1	9.828	1.00%	97.79%
0.9	10.118		
< 0,900	> 10,118	2.21%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 82
Livello (cm)	(75-100)
Peso totale (g)	9.3
Frazione > 63 μm (%)	17.2
Frazione < 63 μm (%)	82.8

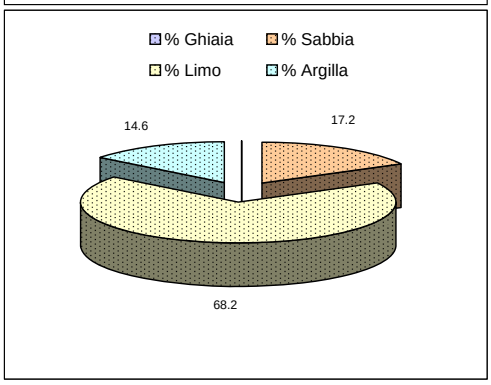
Frazione grossolana (> 63 μm) = 17.2	
% Ghiaia	% Sabbia
0.0	17.2

Frazione pelitica (< 63 μm) = 82.8	
% Limo	% Argilla
68.2	14.6

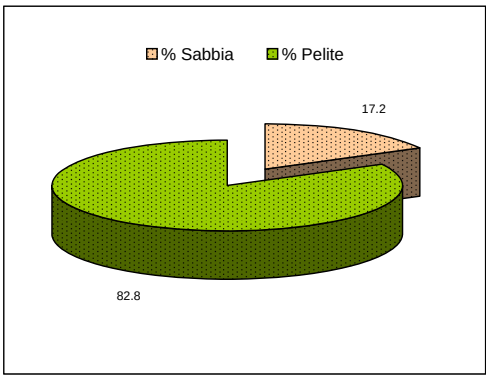
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.785
Deviazione Standard	1.938
Asimmetria (Skewness)	0.160
Appuntimento (Kurtosis)	0.995
Mediana (Φ)	5.605
Moda (Φ)	5.000

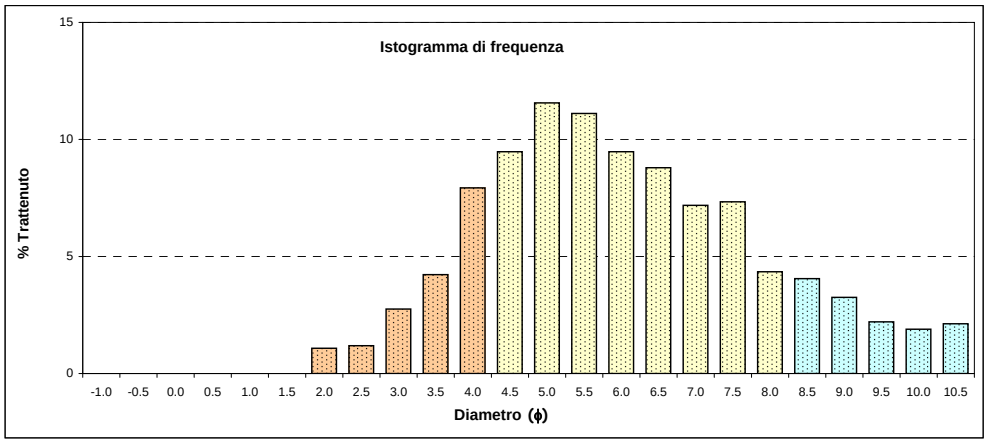
Percentili (Φ)	
5	2.995
16	3.929
25	4.451
50	5.605
75	7.074
84	7.821
95	9.363

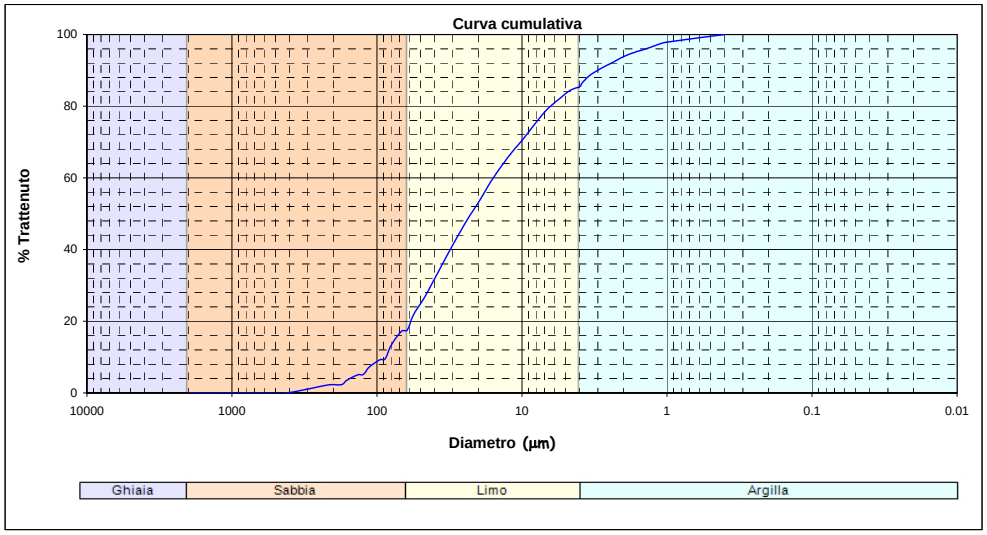
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.08%	1.08%
250	2		
250	2	1.19%	2.27%
176.78	2.5		
176.78	2.5	0.06%	2.33%
175	2.515		
175	2.515	1.26%	3.59%
147	2.766		
147	2.766	1.44%	5.03%
125	3		
125	3	0.16%	5.18%
123	3.023		
123	3.023	2.07%	7.25%
103	3.279		
103	3.279	2.00%	9.25%
88.39	3.5		
88.39	3.5	0.28%	9.53%
87	3.523		
87	3.523	3.71%	13.25%
73	3.776		
73	3.776	3.94%	17.19%
62.5	4		
62.5	4	0.39%	17.58%
61	4.035		
61	4.035	4.21%	21.79%
51	4.293		
51	4.293	4.87%	26.66%
43	4.54		
43	4.54	5.63%	32.29%
36	4.796		
36	4.796	5.94%	38.22%
30	5.059		
30	5.059	5.80%	44.03%
25	5.322		
25	5.322	5.30%	49.33%
21	5.573		
21	5.573	4.46%	53.79%
18	5.796		
18	5.796	5.01%	58.80%
15	6.059		
15	6.059	4.67%	63.47%
12.5	6.322		
12.5	6.322	4.12%	67.59%
10.5	6.573		
10.5	6.573	3.40%	70.99%
9	6.796		
9	6.796	3.79%	74.78%
7.5	7.059		
7.5	7.059	4.25%	79.02%
6	7.381		
6	7.381	3.09%	82.11%
5	7.644		
5	7.644	2.29%	84.40%
4.3	7.861		
4.3	7.861	1.03%	85.43%
4	7.966		
4	7.966	1.03%	86.46%
3.7	8.078		
3.7	8.078	2.16%	88.62%
3.1	8.334		
3.1	8.334	1.89%	90.52%
2.6	8.587		
2.6	8.587	1.59%	92.11%
2.2	8.828		
2.2	8.828	1.67%	93.77%
1.8	9.118		
1.8	9.118	1.31%	95.08%
1.5	9.381		
1.5	9.381	0.90%	95.98%
1.3	9.587		
1.3	9.587	0.93%	96.91%
1.1	9.828		
1.1	9.828	0.96%	97.88%
0.9	10.118		
< 0,900	> 10,118	2.12%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 83
Livello (cm)	(0-25)
Peso totale (g)	4.6
Frazione > 63 µm (%)	34.4
Frazione < 63 µm (%)	65.6

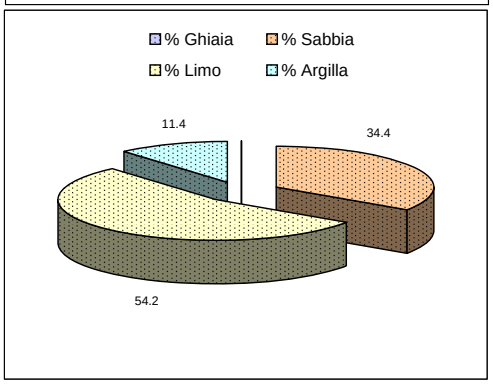
Frazione grossolana (> 63 µm) = 34.4	
% Ghiaia	% Sabbia
0.0	34.4

Frazione pelitica (< 63 µm) = 65.6	
% Limo	% Argilla
54.2	11.4

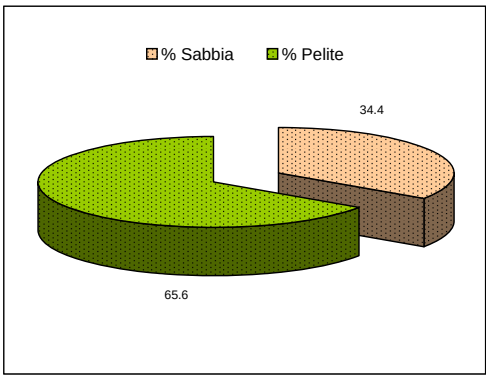
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.210
Deviazione Standard	2.012
Asimmetria (Skewness)	0.259
Appuntimento (Kurtosis)	0.904
Mediana (Φ)	4.900
Moda (Φ)	4.000

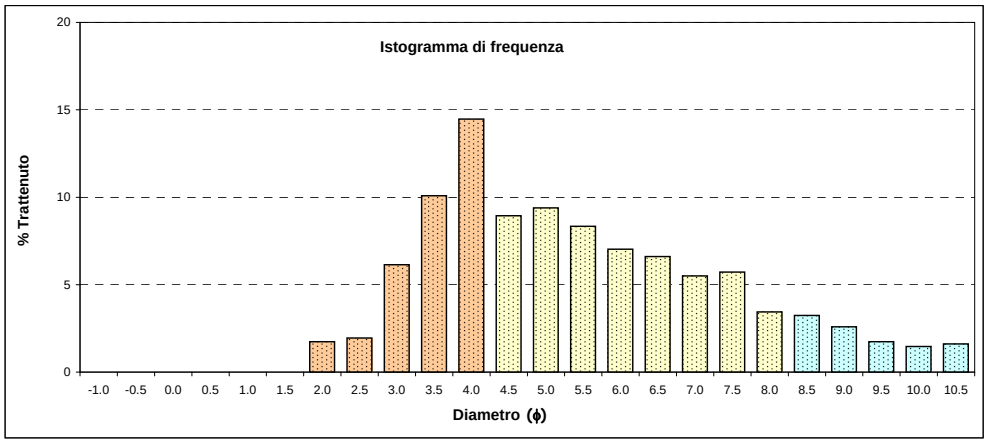
Percentili (Φ)	
5	2.616
16	3.298
25	3.670
50	4.900
75	6.597
84	7.432
95	9.073

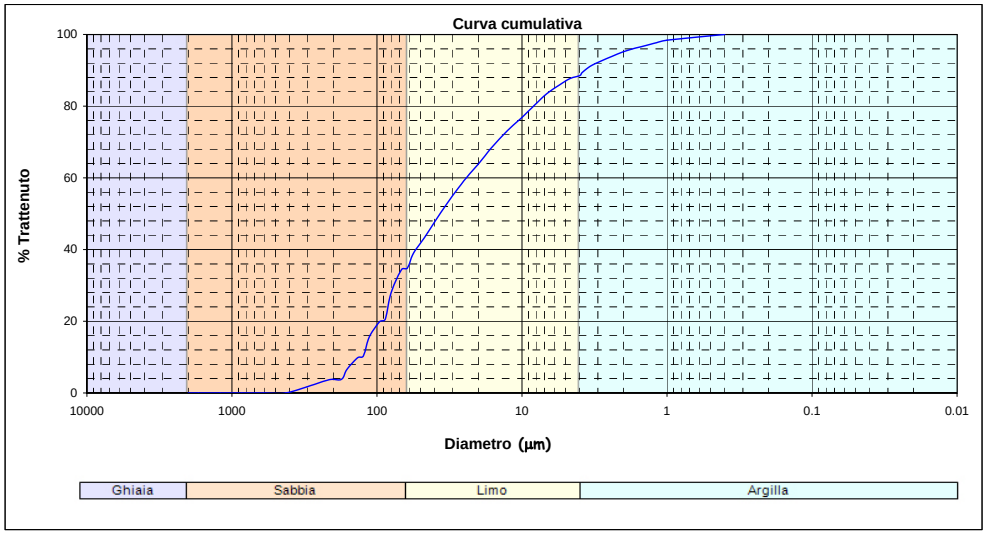
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.73%	1.73%
250	2		
250	2	1.95%	3.69%
176.78	2.5		
176.78	2.5	0.11%	3.80%
175	2.515		
175	2.515	2.82%	6.62%
147	2.766		
147	2.766	3.21%	9.83%
125	3		
125	3	0.46%	10.29%
123	3.023		
123	3.023	5.32%	15.61%
103	3.279		
103	3.279	4.30%	19.92%
88.39	3.5		
88.39	3.5	0.66%	20.58%
87	3.523		
87	3.523	7.35%	27.92%
73	3.776		
73	3.776	6.46%	34.39%
62.5	4		
62.5	4	0.43%	34.82%
61	4.035		
61	4.035	4.14%	38.96%
51	4.293		
51	4.293	4.38%	43.33%
43	4.54		
43	4.54	4.71%	48.04%
36	4.796		
36	4.796	4.68%	52.72%
30	5.059		
30	5.059	4.40%	57.12%
25	5.322		
25	5.322	3.94%	61.07%
21	5.573		
21	5.573	3.30%	64.37%
18	5.796		
18	5.796	3.73%	68.09%
15	6.059		
15	6.059	3.50%	71.59%
12.5	6.322		
12.5	6.322	3.11%	74.70%
10.5	6.573		
10.5	6.573	2.59%	77.29%
9	6.796		
9	6.796	2.91%	80.20%
7.5	7.059		
7.5	7.059	3.30%	83.50%
6	7.381		
6	7.381	2.42%	85.92%
5	7.644		
5	7.644	1.81%	87.72%
4.3	7.861		
4.3	7.861	0.82%	88.54%
4	7.966		
4	7.966	0.82%	89.36%
3.7	8.078		
3.7	8.078	1.72%	91.08%
3.1	8.334		
3.1	8.334	1.51%	92.60%
2.6	8.587		
2.6	8.587	1.27%	93.86%
2.2	8.828		
2.2	8.828	1.33%	95.19%
1.8	9.118		
1.8	9.118	1.03%	96.22%
1.5	9.381		
1.5	9.381	0.71%	96.93%
1.3	9.587		
1.3	9.587	0.72%	97.65%
1.1	9.828		
1.1	9.828	0.74%	98.39%
0.9	10.118		
< 0,900	> 10,118	1.61%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 83**
Livello (cm)	**(25-50)**
Peso totale (g)	9.6
Frazione > 63 μm (%)	22.1
Frazione < 63 μm (%)	77.9

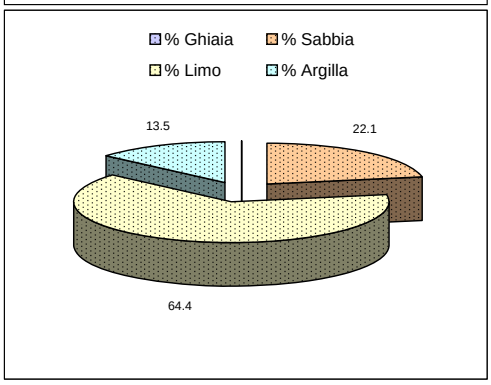
Frazione grossolana (> 63 μm) = 22.1	
% Ghiaia	**% Sabbia**
0.0	**22.1**

Frazione pelitica (< 63 μm) = 77.9	
% Limo	**% Argilla**
64.4	**13.5**

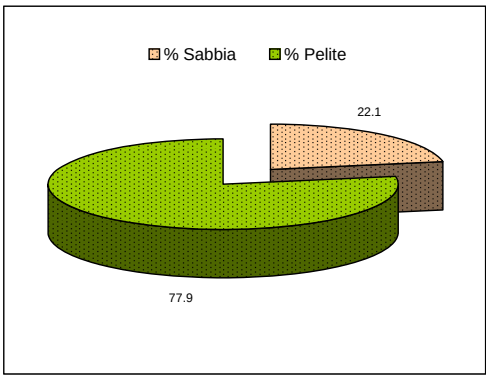
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.629
Deviazione Standard	1.975
Asimmetria (Skewness)	0.135
Appuntimento (Kurtosis)	0.936
Mediana (Φ)	5.491
Moda (Φ)	5.000

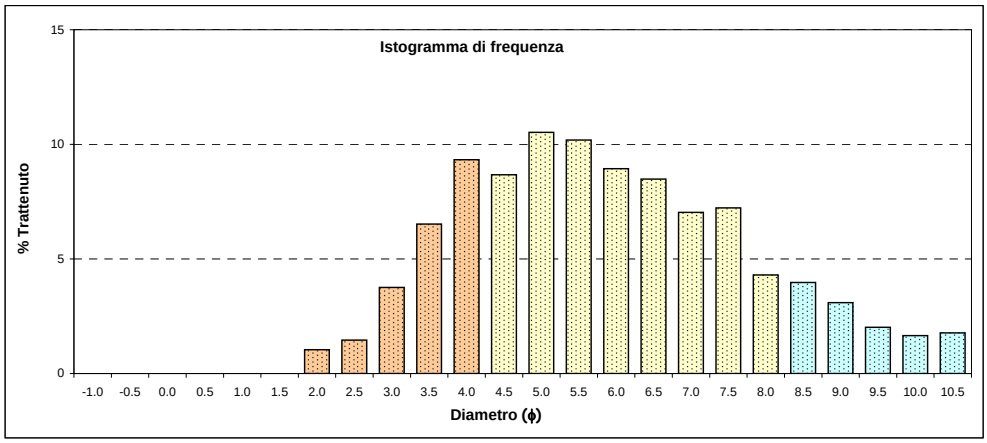
Percentili (Φ)	
5	2.843
16	3.676
25	4.199
50	5.491
75	6.987
84	7.719
95	9.211

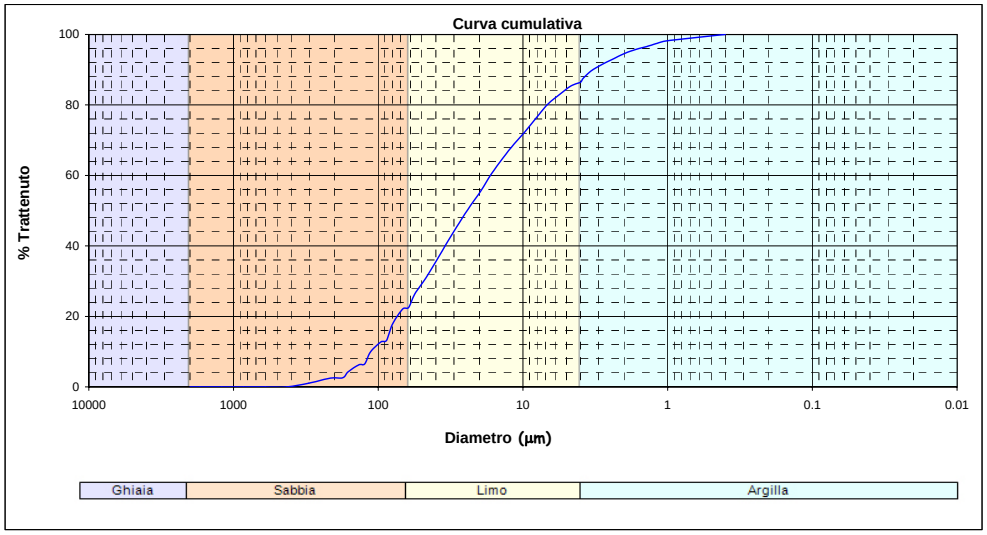
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.04%	1.04%
250	2		
250	2	1.46%	2.50%
176.78	2.5		
176.78	2.5	0.08%	2.58%
175	2.515		
175	2.515	1.75%	4.32%
147	2.766		
147	2.766	1.93%	6.26%
125	3		
125	3	0.30%	6.56%
123	3.023		
123	3.023	3.40%	9.95%
103	3.279		
103	3.279	2.83%	12.78%
88.39	3.5		
88.39	3.5	0.38%	13.16%
87	3.523		
87	3.523	4.53%	17.69%
73	3.776		
73	3.776	4.43%	22.12%
62.5	4		
62.5	4	0.36%	22.48%
61	4.035		
61	4.035	3.86%	26.34%
51	4.293		
51	4.293	4.45%	30.79%
43	4.54		
43	4.54	5.13%	35.92%
36	4.796		
36	4.796	5.39%	41.32%
30	5.059		
30	5.059	5.29%	46.61%
25	5.322		
25	5.322	4.89%	51.50%
21	5.573		
21	5.573	4.17%	55.68%
18	5.796		
18	5.796	4.76%	60.44%
15	6.059		
15	6.059	4.49%	64.93%
12.5	6.322		
12.5	6.322	4.00%	68.92%
10.5	6.573		
10.5	6.573	3.32%	72.24%
9	6.796		
9	6.796	3.71%	75.95%
7.5	7.059		
7.5	7.059	4.18%	80.13%
6	7.381		
6	7.381	3.05%	83.18%
5	7.644		
5	7.644	2.27%	85.44%
4.3	7.861		
4.3	7.861	1.02%	86.46%
4	7.966		
4	7.966	1.02%	87.48%
3.7	8.078		
3.7	8.078	2.13%	89.61%
3.1	8.334		
3.1	8.334	1.84%	91.45%
2.6	8.587		
2.6	8.587	1.53%	92.98%
2.2	8.828		
2.2	8.828	1.57%	94.55%
1.8	9.118		
1.8	9.118	1.21%	95.75%
1.5	9.381		
1.5	9.381	0.82%	96.57%
1.3	9.587		
1.3	9.587	0.83%	97.40%
1.1	9.828		
1.1	9.828	0.83%	98.23%
0.9	10.118		
< 0,900	> 10,118	1.77%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 83
Livello (cm)	(50-75)
Peso totale (g)	6.7
Frazione > 63 µm (%)	29.7
Frazione < 63 µm (%)	70.3

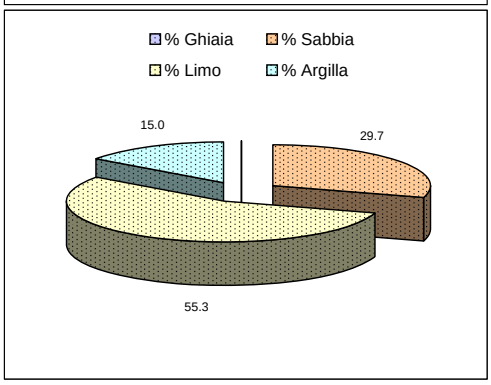
Frazione grossolana (> 63 µm) = 29.7	
% Ghiaia	% Sabbia
0.0	29.7

Frazione pelitica (< 63 µm) = 70.3	
% Limo	% Argilla
55.3	15.0

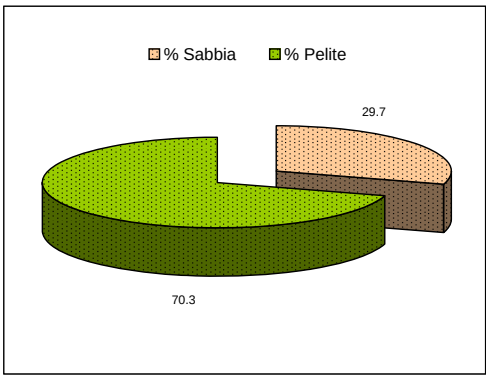
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.559
Deviazione Standard	2.124
Asimmetria (Skewness)	0.141
Appuntimento (Kurtosis)	0.810
Mediana (Φ)	5.421
Moda (Φ)	4.000

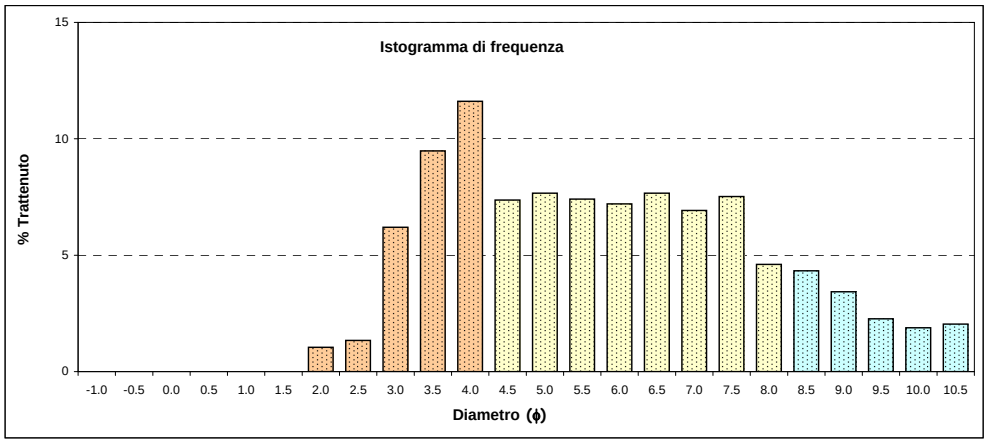
Percentili (Φ)	
5	2.744
16	3.381
25	3.794
50	5.421
75	7.133
84	7.875
95	9.348

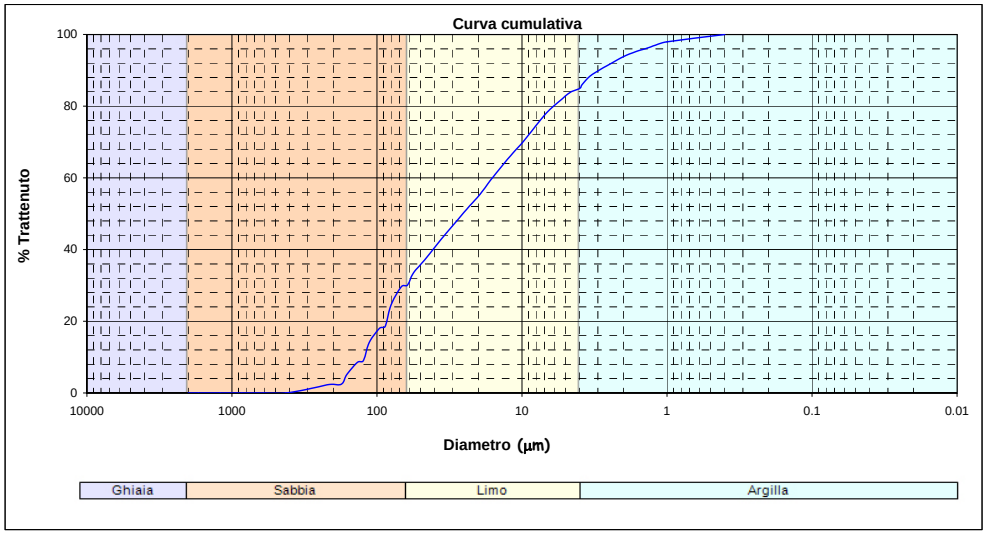
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.04%	1.04%
250	2		
250	2	1.34%	2.38%
176.78	2.5		
176.78	2.5	0.09%	2.47%
175	2.515		
175	2.515	2.75%	5.22%
147	2.766		
147	2.766	3.37%	8.59%
125	3		
125	3	0.44%	9.02%
123	3.023		
123	3.023	5.08%	14.10%
103	3.279		
103	3.279	3.96%	18.07%
88.39	3.5		
88.39	3.5	0.55%	18.61%
87	3.523		
87	3.523	5.94%	24.56%
73	3.776		
73	3.776	5.12%	29.68%
62.5	4		
62.5	4	0.38%	30.06%
61	4.035		
61	4.035	3.44%	33.49%
51	4.293		
51	4.293	3.56%	37.05%
43	4.54		
43	4.54	3.81%	40.86%
36	4.796		
36	4.796	3.86%	44.71%
30	5.059		
30	5.059	3.79%	48.50%
25	5.322		
25	5.322	3.62%	52.13%
21	5.573		
21	5.573	3.25%	55.38%
18	5.796		
18	5.796	3.95%	59.33%
15	6.059		
15	6.059	3.96%	63.29%
12.5	6.322		
12.5	6.322	3.71%	67.00%
10.5	6.573		
10.5	6.573	3.20%	70.20%
9	6.796		
9	6.796	3.72%	73.92%
7.5	7.059		
7.5	7.059	4.31%	78.23%
6	7.381		
6	7.381	3.21%	81.44%
5	7.644		
5	7.644	2.41%	83.85%
4.3	7.861		
4.3	7.861	1.10%	84.95%
4	7.966		
4	7.966	1.10%	86.04%
3.7	8.078		
3.7	8.078	2.31%	88.35%
3.1	8.334		
3.1	8.334	2.02%	90.37%
2.6	8.587		
2.6	8.587	1.68%	92.06%
2.2	8.828		
2.2	8.828	1.75%	93.81%
1.8	9.118		
1.8	9.118	1.35%	95.16%
1.5	9.381		
1.5	9.381	0.92%	96.08%
1.3	9.587		
1.3	9.587	0.94%	97.01%
1.1	9.828		
1.1	9.828	0.95%	97.96%
0.9	10.118		
< 0,900	> 10,118	2.04%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 83
Livello (cm)	(75-100)
Peso totale (g)	10.1
Frazione > 63 µm (%)	35.9
Frazione < 63 µm (%)	64.1

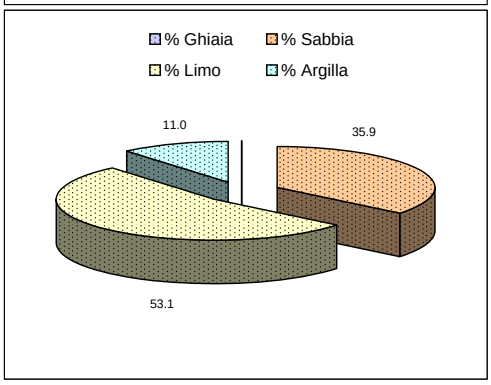
Frazione grossolana (> 63 µm) = 35.9	
% Ghiaia	% Sabbia
0.0	35.9

Frazione pelitica (< 63 µm) = 64.1	
% Limo	% Argilla
53.1	11.0

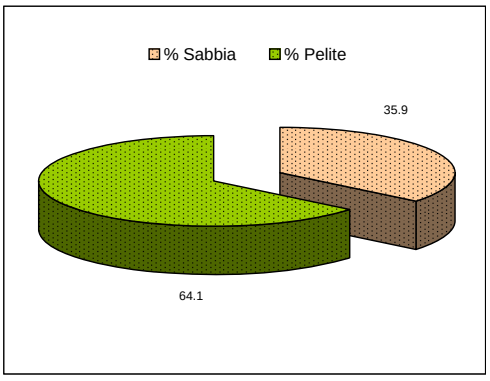
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.113
Deviazione Standard	2.034
Asimmetria (Skewness)	0.260
Appuntimento (Kurtosis)	0.897
Mediana (Φ)	4.811
Moda (Φ)	4.000

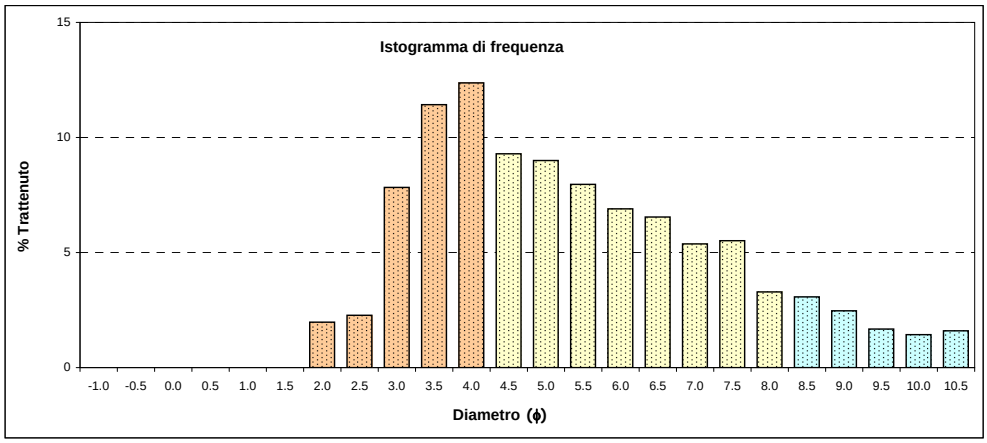
Percentili (Φ)	
5	2.556
16	3.163
25	3.558
50	4.811
75	6.524
84	7.366
95	9.045

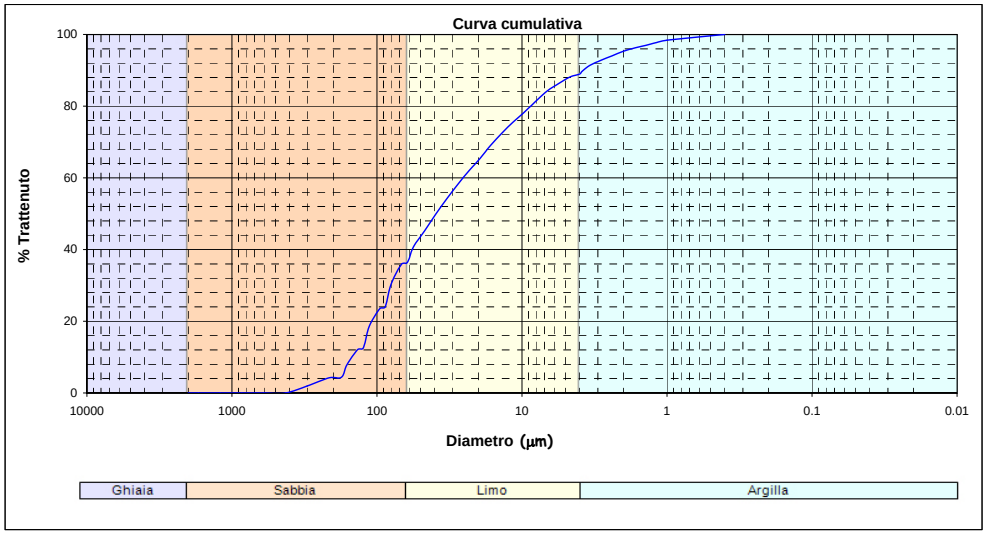
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE MOLTO SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.98%	1.98%
250	2		
250	2	2.28%	4.25%
176.78	2.5		
176.78	2.5	0.13%	4.38%
175	2.515		
175	2.515	3.51%	7.89%
147	2.766		
147	2.766	4.19%	12.08%
125	3		
125	3	0.50%	12.58%
123	3.023		
123	3.023	6.02%	18.61%
103	3.279		
103	3.279	4.90%	23.50%
88.39	3.5		
88.39	3.5	0.55%	24.06%
87	3.523		
87	3.523	6.27%	30.32%
73	3.776		
73	3.776	5.55%	35.87%
62.5	4		
62.5	4	0.50%	36.37%
61	4.035		
61	4.035	4.40%	40.77%
51	4.293		
51	4.293	4.39%	45.16%
43	4.54		
43	4.54	4.55%	49.71%
36	4.796		
36	4.796	4.45%	54.16%
30	5.059		
30	5.059	4.18%	58.34%
25	5.322		
25	5.322	3.78%	62.12%
21	5.573		
21	5.573	3.22%	65.34%
18	5.796		
18	5.796	3.68%	69.02%
15	6.059		
15	6.059	3.47%	72.49%
12.5	6.322		
12.5	6.322	3.08%	75.57%
10.5	6.573		
10.5	6.573	2.54%	78.11%
9	6.796		
9	6.796	2.84%	80.94%
7.5	7.059		
7.5	7.059	3.19%	84.13%
6	7.381		
6	7.381	2.32%	86.46%
5	7.644		
5	7.644	1.73%	88.19%
4.3	7.861		
4.3	7.861	0.78%	88.97%
4	7.966		
4	7.966	0.78%	89.74%
3.7	8.078		
3.7	8.078	1.64%	91.38%
3.1	8.334		
3.1	8.334	1.44%	92.82%
2.6	8.587		
2.6	8.587	1.21%	94.03%
2.2	8.828		
2.2	8.828	1.27%	95.29%
1.8	9.118		
1.8	9.118	0.99%	96.28%
1.5	9.381		
1.5	9.381	0.68%	96.97%
1.3	9.587		
1.3	9.587	0.70%	97.67%
1.1	9.828		
1.1	9.828	0.73%	98.40%
0.9	10.118		
< 0,900	> 10,118	1.60%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 84
Livello (cm)	(0-25)
Peso totale (g)	10.8
Frazione > 63 μm (%)	14.7
Frazione < 63 μm (%)	85.3

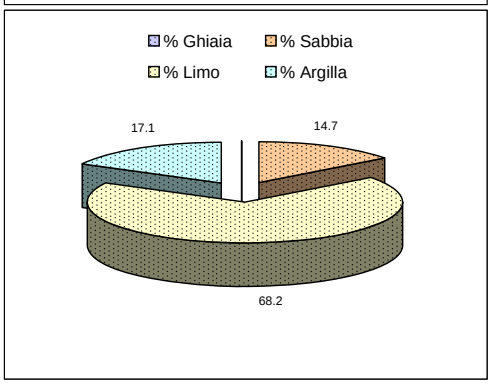
Frazione grossolana (> 63 μm) = 14.7	
% Ghiaia	% Sabbia
0.0	14.7

Frazione pelitica (< 63 μm) = 85.3	
% Limo	% Argilla
68.2	17.1

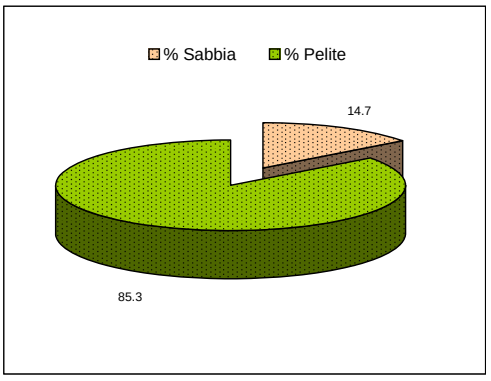
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.026
Deviazione Standard	1.951
Asimmetria (Skewness)	0.125
Appuntimento (Kurtosis)	0.980
Mediana (Φ)	5.897
Moda (Φ)	5.500

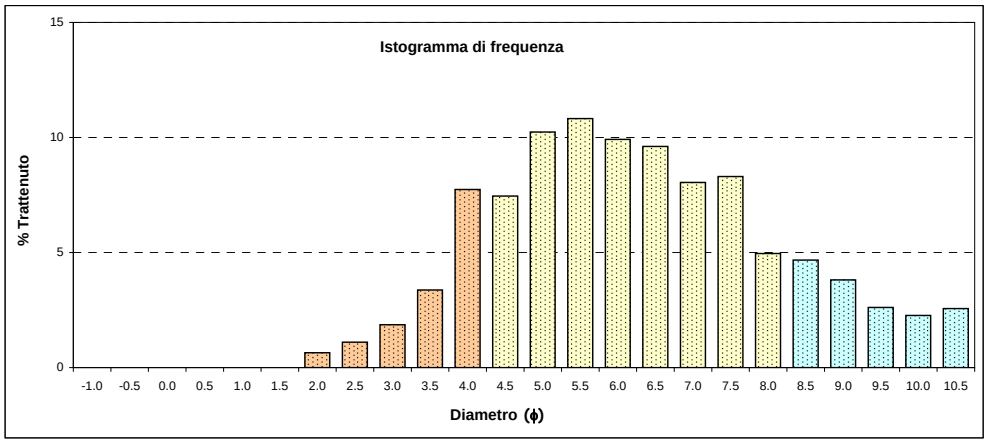
Percentili (Φ)	
5	3.211
16	4.109
25	4.683
50	5.897
75	7.336
84	8.071
95	9.553

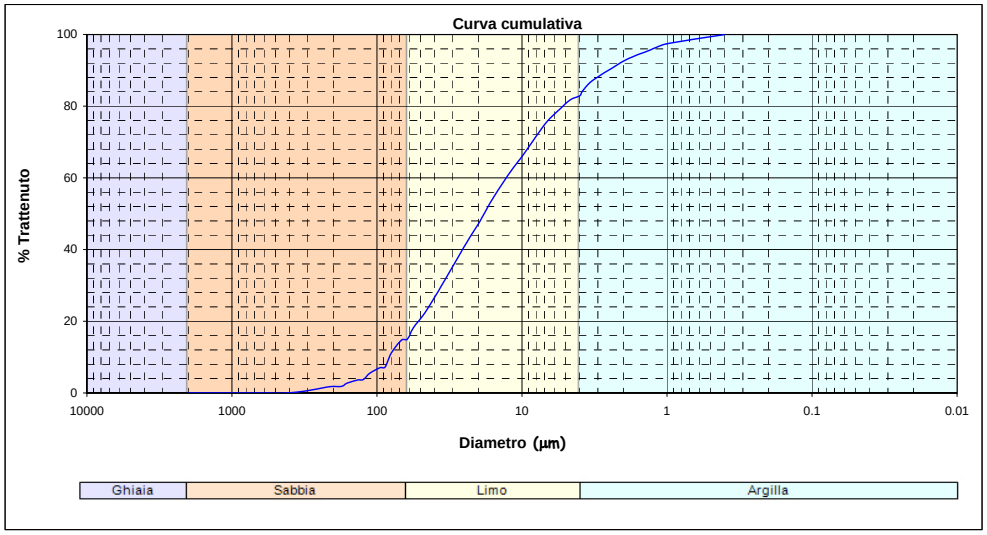
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.65%	0.65%
250	2		
250	2	1.11%	1.76%
176.78	2.5		
176.78	2.5	0.06%	1.81%
175	2.515		
175	2.515	0.90%	2.72%
147	2.766		
147	2.766	0.90%	3.62%
125	3		
125	3	0.13%	3.76%
123	3.023		
123	3.023	1.66%	5.41%
103	3.279		
103	3.279	1.58%	6.99%
88.39	3.5		
88.39	3.5	0.30%	7.29%
87	3.523		
87	3.523	3.73%	11.02%
73	3.776		
73	3.776	3.71%	14.73%
62.5	4		
62.5	4	0.28%	15.01%
61	4.035		
61	4.035	3.22%	18.23%
51	4.293		
51	4.293	3.96%	22.19%
43	4.54		
43	4.54	4.85%	27.04%
36	4.796		
36	4.796	5.39%	32.42%
30	5.059		
30	5.059	5.54%	37.96%
25	5.322		
25	5.322	5.28%	43.24%
21	5.573		
21	5.573	4.59%	47.84%
18	5.796		
18	5.796	5.32%	53.16%
15	6.059		
15	6.059	5.06%	58.22%
12.5	6.322		
12.5	6.322	4.54%	62.77%
10.5	6.573		
10.5	6.573	3.79%	66.55%
9	6.796		
9	6.796	4.26%	70.81%
7.5	7.059		
7.5	7.059	4.80%	75.61%
6	7.381		
6	7.381	3.50%	79.11%
5	7.644		
5	7.644	2.61%	81.72%
4.3	7.861		
4.3	7.861	1.18%	82.90%
4	7.966		
4	7.966	1.18%	84.07%
3.7	8.078		
3.7	8.078	2.48%	86.55%
3.1	8.334		
3.1	8.334	2.19%	88.74%
2.6	8.587		
2.6	8.587	1.85%	90.59%
2.2	8.828		
2.2	8.828	1.96%	92.55%
1.8	9.118		
1.8	9.118	1.54%	94.10%
1.5	9.381		
1.5	9.381	1.07%	95.17%
1.3	9.587		
1.3	9.587	1.11%	96.28%
1.1	9.828		
1.1	9.828	1.15%	97.43%
0.9	10.118		
< 0,900	> 10,118	2.57%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 84**
Livello (cm)	**(25-50)**
Peso totale (g)	12.4
Frazione > 63 µm (%)	13.5
Frazione < 63 µm (%)	86.5

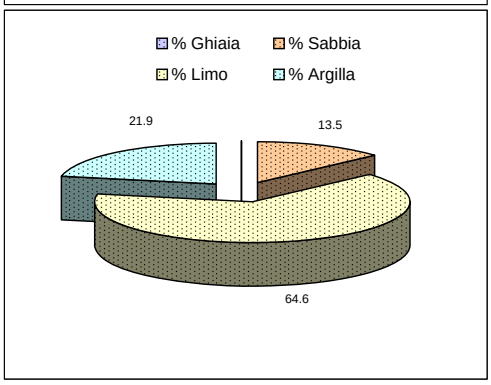
Frazione grossolana (> 63 µm) =	**13.5**
% Ghiaia	**% Sabbia**
0.0	**13.5**

Frazione pelitica (< 63 µm) =	**86.5**
% Limo	**% Argilla**
64.6	**21.9**

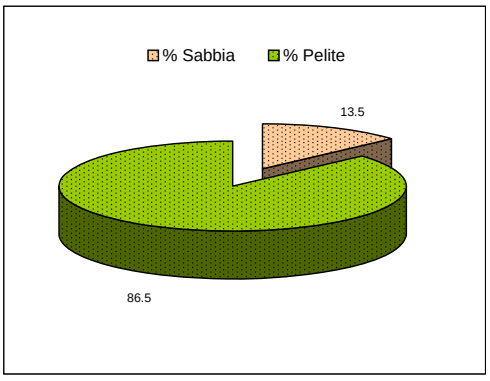
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.351
Deviazione Standard	2.039
Asimmetria (Skewness)	0.052
Appuntimento (Kurtosis)	0.973
Mediana (Φ)	6.294
Moda (Φ)	6.500

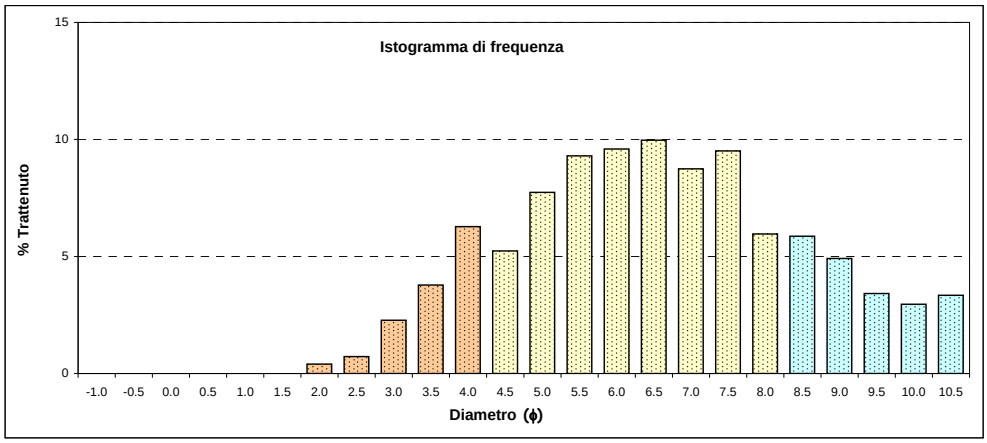
Percentili (Φ)	
5	3.202
16	4.302
25	4.964
50	6.294
75	7.742
84	8.457
95	9.802

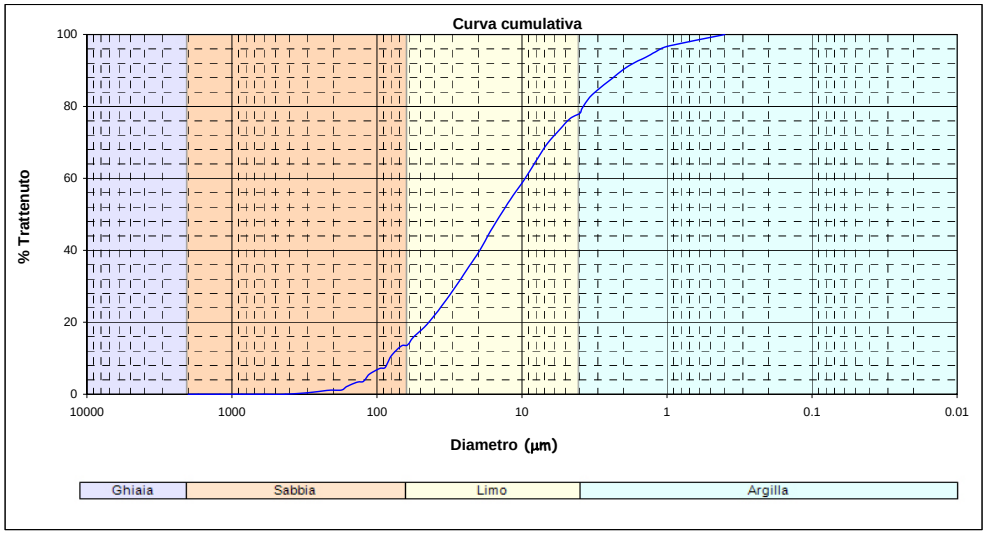
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.40%	0.40%
250	2		
250	2	0.72%	1.13%
176.78	2.5		
176.78	2.5	0.04%	1.16%
175	2.515		
175	2.515	1.00%	2.16%
147	2.766		
147	2.766	1.24%	3.40%
125	3		
125	3	0.17%	3.57%
123	3.023		
123	3.023	2.00%	5.57%
103	3.279		
103	3.279	1.61%	7.18%
88.39	3.5		
88.39	3.5	0.28%	7.46%
87	3.523		
87	3.523	3.12%	10.58%
73	3.776		
73	3.776	2.87%	13.46%
62.5	4		
62.5	4	0.20%	13.66%
61	4.035		
61	4.035	2.24%	15.89%
51	4.293		
51	4.293	2.80%	18.69%
43	4.54		
43	4.54	3.56%	22.25%
36	4.796		
36	4.796	4.18%	26.43%
30	5.059		
30	5.059	4.60%	31.03%
25	5.322		
25	5.322	4.70%	35.72%
21	5.573		
21	5.573	4.33%	40.05%
18	5.796		
18	5.796	5.26%	45.32%
15	6.059		
15	6.059	5.19%	50.51%
12.5	6.322		
12.5	6.322	4.77%	55.28%
10.5	6.573		
10.5	6.573	4.06%	59.34%
9	6.796		
9	6.796	4.68%	64.03%
7.5	7.059		
7.5	7.059	5.44%	69.47%
6	7.381		
6	7.381	4.07%	73.54%
5	7.644		
5	7.644	3.10%	76.64%
4.3	7.861		
4.3	7.861	1.43%	78.07%
4	7.966		
4	7.966	1.43%	79.50%
3.7	8.078		
3.7	8.078	3.09%	82.59%
3.1	8.334		
3.1	8.334	2.78%	85.36%
2.6	8.587		
2.6	8.587	2.38%	87.74%
2.2	8.828		
2.2	8.828	2.54%	90.28%
1.8	9.118		
1.8	9.118	2.02%	92.29%
1.5	9.381		
1.5	9.381	1.40%	93.70%
1.3	9.587		
1.3	9.587	1.45%	95.15%
1.1	9.828		
1.1	9.828	1.51%	96.66%
0.9	10.118		
< 0,900	> 10,118	3.34%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 84
Livello (cm)	(50-75)
Peso totale (g)	32.8
Frazione > 63 μm (%)	14.9
Frazione < 63 μm (%)	85.1

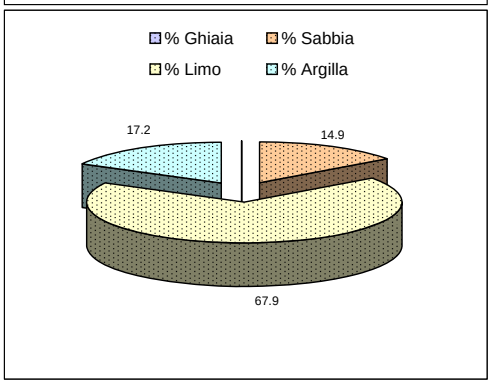
Frazione grossolana (> 63 μm) = 14.9	
% Ghiaia	% Sabbia
0.0	14.9

Frazione pelitica (< 63 μm) = 85.1	
% Limo	% Argilla
67.9	17.2

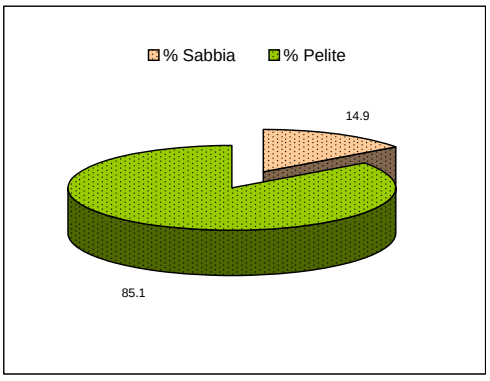
Parametri statistici (Folk & Ward***)	
Media (Φ)	6.057
Deviazione Standard	1.976
Asimmetria (Skewness)	0.087
Appuntimento (Kurtosis)	1.035
Mediana (Φ)	5.965
Moda (Φ)	5.500

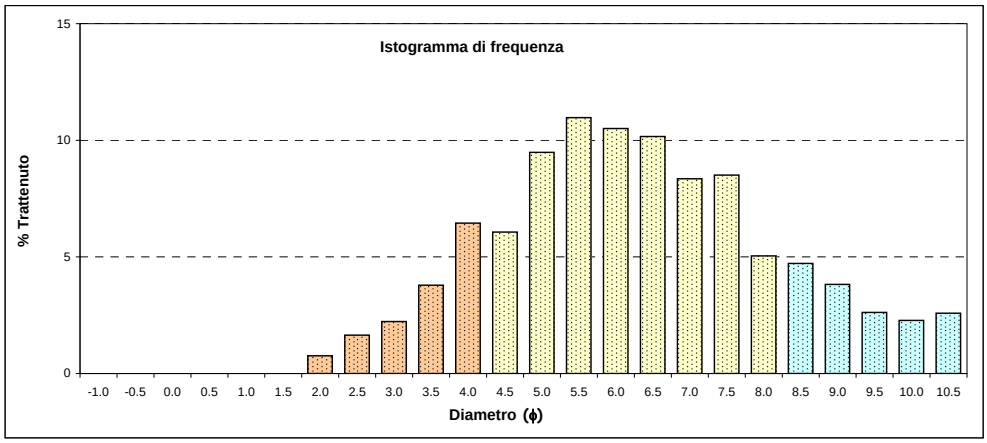
Percentili (Φ)	
5	3.044
16	4.125
25	4.777
50	5.965
75	7.356
84	8.081
95	9.560

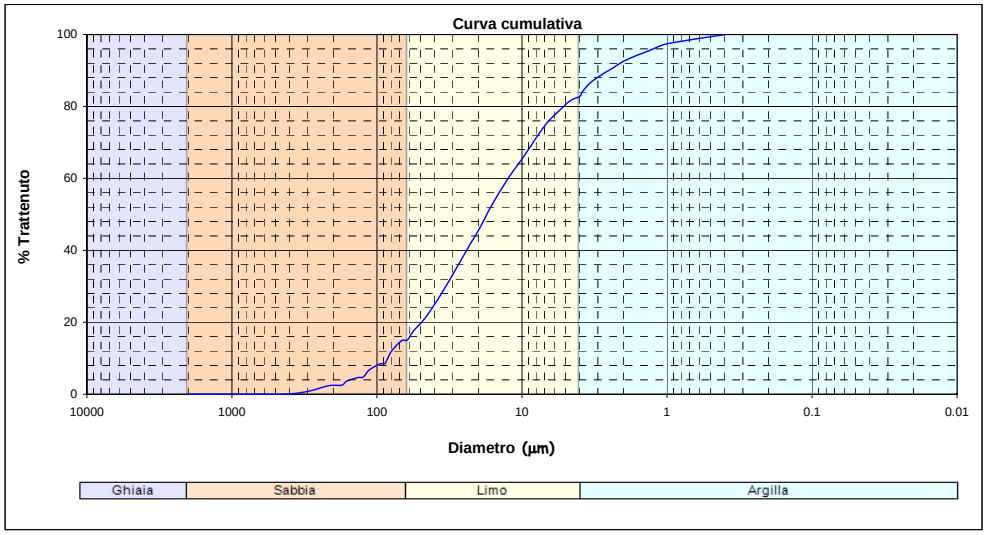
LIMO ARGILLOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.76%	0.76%
250	2		
250	2	1.65%	2.41%
176.78	2.5		
176.78	2.5	0.08%	2.49%
175	2.515		
175	2.515	1.20%	3.69%
147	2.766		
147	2.766	0.95%	4.64%
125	3		
125	3	0.19%	4.83%
123	3.023		
123	3.023	1.94%	6.76%
103	3.279		
103	3.279	1.66%	8.42%
88.39	3.5		
88.39	3.5	0.26%	8.68%
87	3.523		
87	3.523	3.10%	11.78%
73	3.776		
73	3.776	3.09%	14.87%
62.5	4		
62.5	4	0.20%	15.07%
61	4.035		
61	4.035	2.52%	17.59%
51	4.293		
51	4.293	3.35%	20.94%
43	4.54		
43	4.54	4.36%	25.30%
36	4.796		
36	4.796	5.12%	30.42%
30	5.059		
30	5.059	5.52%	35.94%
25	5.322		
25	5.322	5.45%	41.40%
21	5.573		
21	5.573	4.84%	46.24%
18	5.796		
18	5.796	5.66%	51.90%
15	6.059		
15	6.059	5.38%	57.28%
12.5	6.322		
12.5	6.322	4.79%	62.06%
10.5	6.573		
10.5	6.573	3.95%	66.02%
9	6.796		
9	6.796	4.40%	70.42%
7.5	7.059		
7.5	7.059	4.93%	75.34%
6	7.381		
6	7.381	3.58%	78.92%
5	7.644		
5	7.644	2.66%	81.58%
4.3	7.861		
4.3	7.861	1.19%	82.77%
4	7.966		
4	7.966	1.19%	83.97%
3.7	8.078		
3.7	8.078	2.51%	86.48%
3.1	8.334		
3.1	8.334	2.21%	88.68%
2.6	8.587		
2.6	8.587	1.86%	90.54%
2.2	8.828		
2.2	8.828	1.96%	92.51%
1.8	9.118		
1.8	9.118	1.55%	94.06%
1.5	9.381		
1.5	9.381	1.08%	95.13%
1.3	9.587		
1.3	9.587	1.12%	96.25%
1.1	9.828		
1.1	9.828	1.16%	97.41%
0.9	10.118		
< 0,900	> 10,118	2.59%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 85
Livello (cm)	(0-25)
Peso totale (g)	24.8
Frazione > 63 μm (%)	21.4
Frazione < 63 μm (%)	78.6

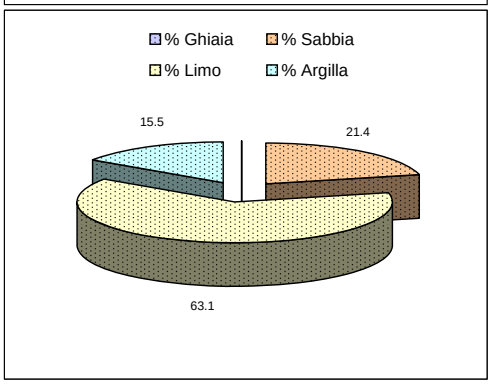
Frazione grossolana (> 63 μm) = 21.4	
% Ghiaia	% Sabbia
0.0	21.4

Frazione pelitica (< 63 μm) = 78.6	
% Limo	% Argilla
63.1	15.5

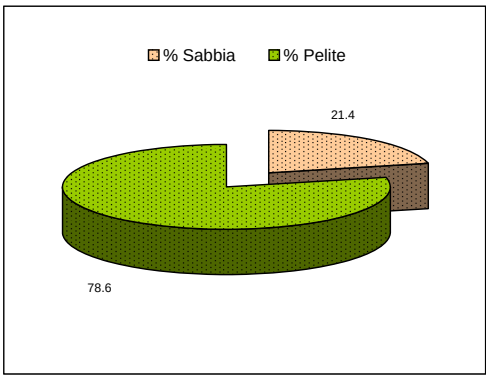
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.742
Deviazione Standard	2.070
Asimmetria (Skewness)	0.116
Appuntimento (Kurtosis)	0.961
Mediana (Φ)	5.624
Moda (Φ)	5.500

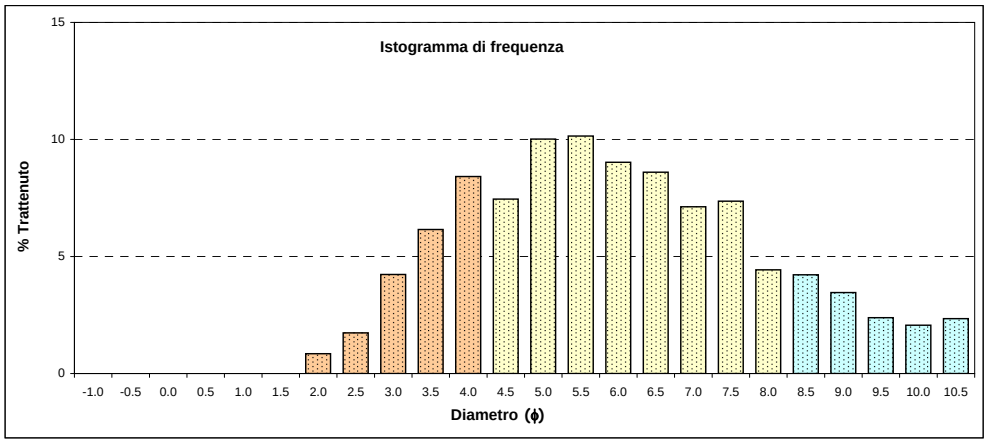
Percentili (Φ)	
5	2.784
16	3.684
25	4.301
50	5.624
75	7.147
84	7.918
95	9.460

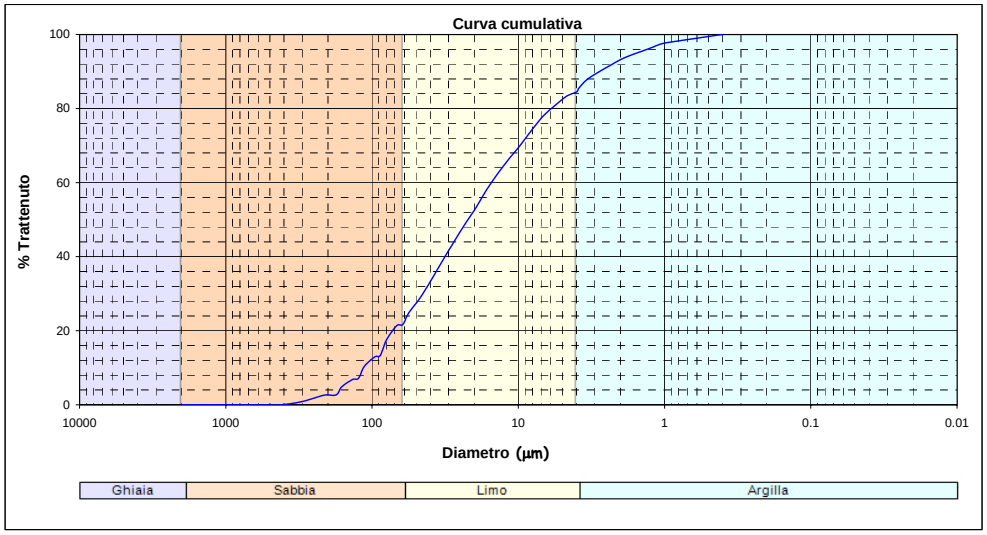
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.85%	0.85%
250	2		
250	2	1.74%	2.58%
176.78	2.5		
176.78	2.5	0.12%	2.70%
175	2.515		
175	2.515	2.14%	4.84%
147	2.766		
147	2.766	1.98%	6.82%
125	3		
125	3	0.30%	7.12%
123	3.023		
123	3.023	3.24%	10.36%
103	3.279		
103	3.279	2.61%	12.97%
88.39	3.5		
88.39	3.5	0.35%	13.32%
87	3.523		
87	3.523	4.08%	17.40%
73	3.776		
73	3.776	3.98%	21.38%
62.5	4		
62.5	4	0.27%	21.65%
61	4.035		
61	4.035	3.22%	24.87%
51	4.293		
51	4.293	3.96%	28.83%
43	4.54		
43	4.54	4.79%	33.62%
36	4.796		
36	4.796	5.22%	38.85%
30	5.059		
30	5.059	5.24%	44.09%
25	5.322		
25	5.322	4.90%	48.99%
21	5.573		
21	5.573	4.21%	53.20%
18	5.796		
18	5.796	4.82%	58.01%
15	6.059		
15	6.059	4.55%	62.56%
12.5	6.322		
12.5	6.322	4.05%	66.61%
10.5	6.573		
10.5	6.573	3.36%	69.97%
9	6.796		
9	6.796	3.76%	73.73%
7.5	7.059		
7.5	7.059	4.25%	77.99%
6	7.381		
6	7.381	3.11%	81.10%
5	7.644		
5	7.644	2.33%	83.42%
4.3	7.861		
4.3	7.861	1.05%	84.48%
4	7.966		
4	7.966	1.05%	85.53%
3.7	8.078		
3.7	8.078	2.24%	87.77%
3.1	8.334		
3.1	8.334	1.98%	89.75%
2.6	8.587		
2.6	8.587	1.68%	91.42%
2.2	8.828		
2.2	8.828	1.78%	93.20%
1.8	9.118		
1.8	9.118	1.41%	94.61%
1.5	9.381		
1.5	9.381	0.98%	95.59%
1.3	9.587		
1.3	9.587	1.01%	96.60%
1.1	9.828		
1.1	9.828	1.05%	97.66%
0.9	10.118		
< 0,900	> 10,118	2.34%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 85**
Livello (cm)	**(25-50)**
Peso totale (g)	24.9
Frazione > 63 μm (%)	24.7
Frazione < 63 μm (%)	75.3

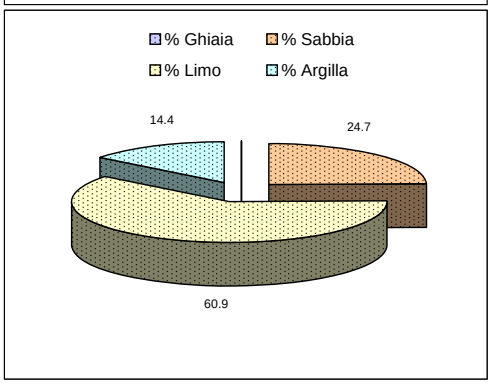
Frazione grossolana (> 63 μm) =	**24.7**
% Ghiaia	**% Sabbia**
0.0	**24.7**

Frazione pelitica (< 63 μm) =	**75.3**
% Limo	**% Argilla**
60.9	**14.4**

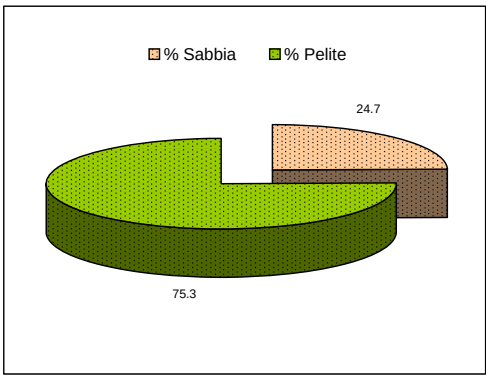
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.545
Deviazione Standard	2.108
Asimmetria (Skewness)	0.181
Appuntimento (Kurtosis)	0.981
Mediana (Φ)	5.305
Moda (Φ)	5.000

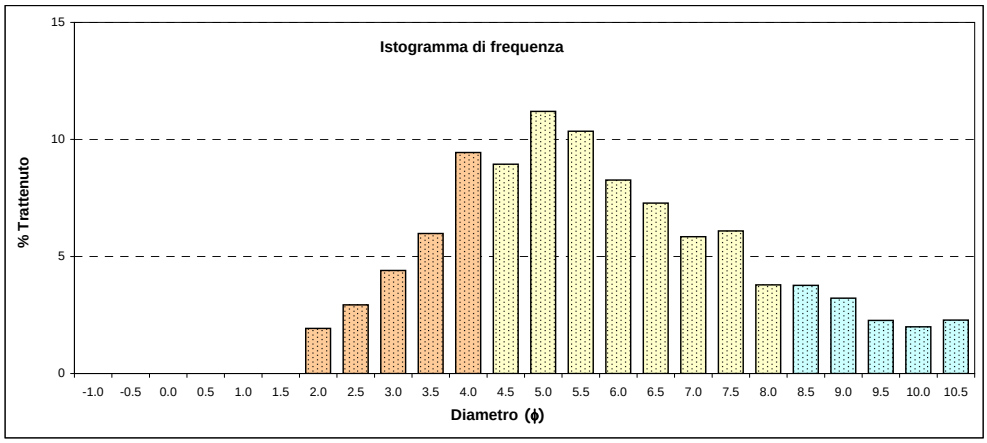
Percentili (Φ)	
5	2.514
16	3.543
25	4.031
50	5.305
75	6.918
84	7.787
95	9.427

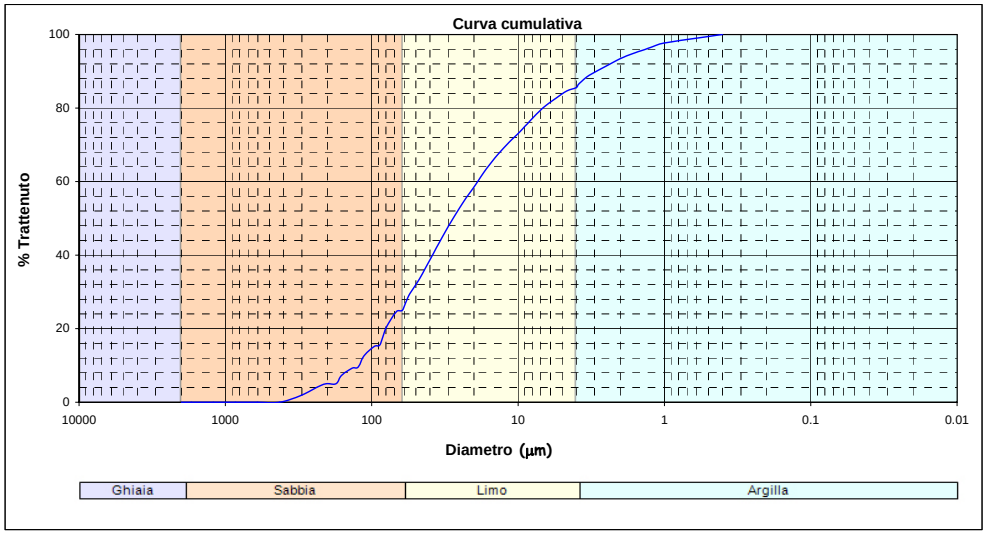
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.93%	1.93%
250	2		
250	2	2.94%	4.87%
176.78	2.5		
176.78	2.5	0.14%	5.01%
175	2.515		
175	2.515	2.28%	7.28%
147	2.766		
147	2.766	1.99%	9.27%
125	3		
125	3	0.28%	9.54%
123	3.023		
123	3.023	3.06%	12.60%
103	3.279		
103	3.279	2.65%	15.25%
88.39	3.5		
88.39	3.5	0.36%	15.61%
87	3.523		
87	3.523	4.52%	20.13%
73	3.776		
73	3.776	4.56%	24.69%
62.5	4		
62.5	4	0.34%	25.04%
61	4.035		
61	4.035	3.92%	28.96%
51	4.293		
51	4.293	4.68%	33.63%
43	4.54		
43	4.54	5.47%	39.10%
36	4.796		
36	4.796	5.73%	44.83%
30	5.059		
30	5.059	5.49%	50.32%
25	5.322		
25	5.322	4.86%	55.18%
21	5.573		
21	5.573	3.96%	59.14%
18	5.796		
18	5.796	4.31%	63.45%
15	6.059		
15	6.059	3.90%	67.35%
12.5	6.322		
12.5	6.322	3.38%	70.73%
10.5	6.573		
10.5	6.573	2.76%	73.50%
9	6.796		
9	6.796	3.08%	76.58%
7.5	7.059		
7.5	7.059	3.50%	80.08%
6	7.381		
6	7.381	2.59%	82.67%
5	7.644		
5	7.644	1.97%	84.64%
4.3	7.861		
4.3	7.861	0.91%	85.55%
4	7.966		
4	7.966	0.91%	86.46%
3.7	8.078		
3.7	8.078	1.98%	88.43%
3.1	8.334		
3.1	8.334	1.79%	90.22%
2.6	8.587		
2.6	8.587	1.55%	91.77%
2.2	8.828		
2.2	8.828	1.67%	93.44%
1.8	9.118		
1.8	9.118	1.34%	94.78%
1.5	9.381		
1.5	9.381	0.94%	95.72%
1.3	9.587		
1.3	9.587	0.98%	96.69%
1.1	9.828		
1.1	9.828	1.02%	97.71%
0.9	10.118		
< 0,900	> 10,118	2.29%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 85**
Livello (cm)	**(50-75)**
Peso totale (g)	36.8
Frazione > 63 μm (%)	20.5
Frazione < 63 μm (%)	79.5

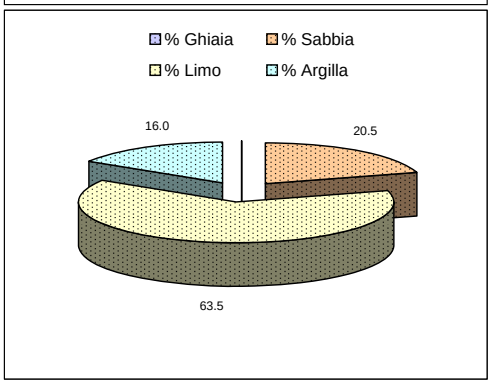
Frazione grossolana (> 63 μm) =	**20.5**
% Ghiaia	**% Sabbia**
0.0	**20.5**

Frazione pelitica (< 63 μm) =	**79.5**
% Limo	**% Argilla**
63.5	**16.0**

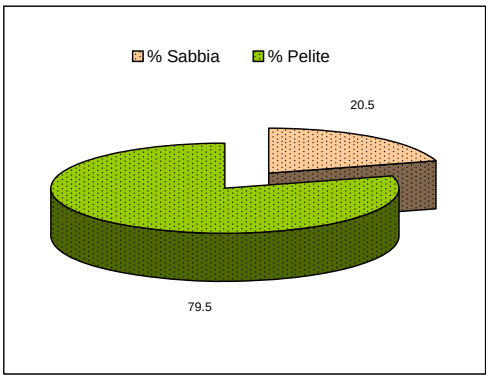
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.757
Deviazione Standard	2.107
Asimmetria (Skewness)	0.119
Appuntimento (Kurtosis)	0.997
Mediana (Φ)	5.605
Moda (Φ)	5.000

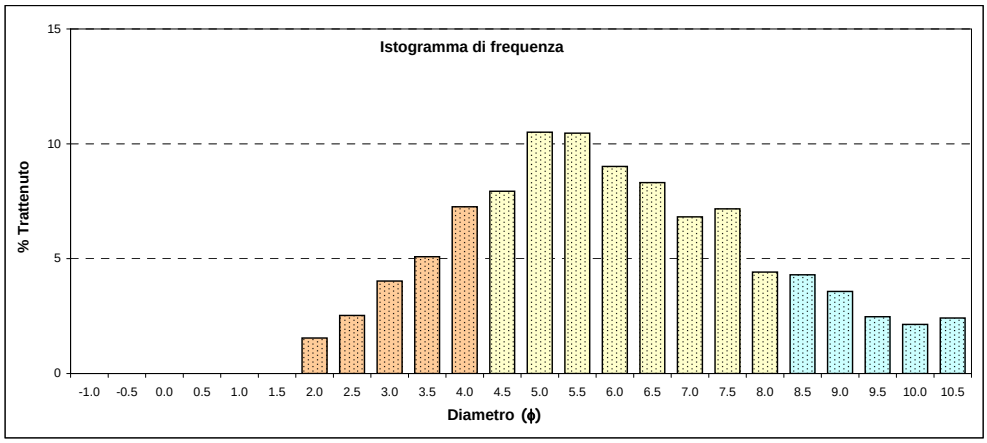
Percentili (Φ)	
5	2.610
16	3.705
25	4.338
50	5.605
75	7.167
84	7.962
95	9.494

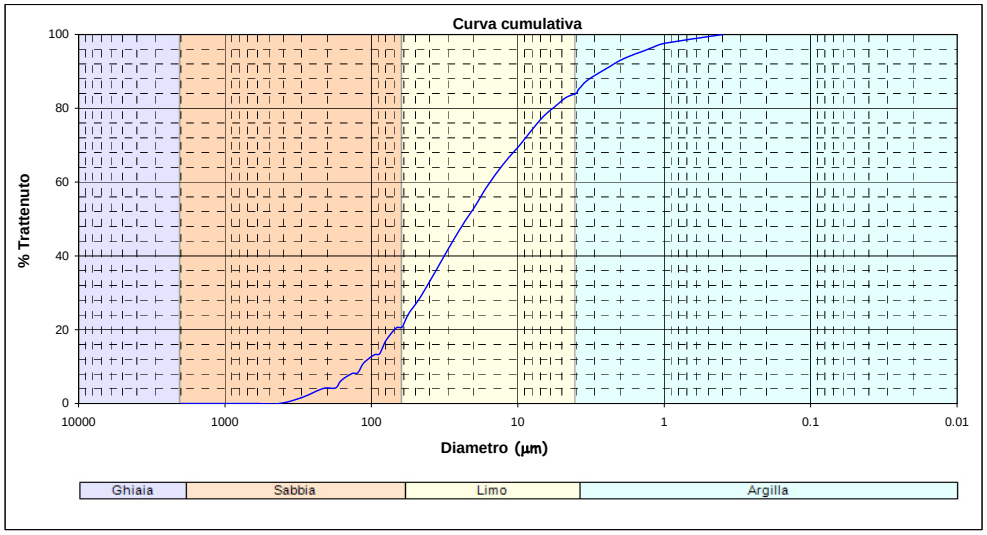
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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**Shepard F. P. (1954) - "Nomenclature based on sand-silt-clay ratios". Journal Sed. Petr., 24: 151-158.
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La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.55%	1.55%
250	2		
250	2	2.53%	4.08%
176.78	2.5		
176.78	2.5	0.11%	4.19%
175	2.515		
175	2.515	2.02%	6.21%
147	2.766		
147	2.766	1.90%	8.11%
125	3		
125	3	0.24%	8.35%
123	3.023		
123	3.023	2.64%	10.99%
103	3.279		
103	3.279	2.21%	13.19%
88.39	3.5		
88.39	3.5	0.28%	13.47%
87	3.523		
87	3.523	3.43%	16.90%
73	3.776		
73	3.776	3.56%	20.45%
62.5	4		
62.5	4	0.30%	20.75%
61	4.035		
61	4.035	3.44%	24.19%
51	4.293		
51	4.293	4.20%	28.39%
43	4.54		
43	4.54	5.04%	33.44%
36	4.796		
36	4.796	5.46%	38.90%
30	5.059		
30	5.059	5.44%	44.34%
25	5.322		
25	5.322	5.03%	49.36%
21	5.573		
21	5.573	4.25%	53.61%
18	5.796		
18	5.796	4.77%	58.38%
15	6.059		
15	6.059	4.42%	62.80%
12.5	6.322		
12.5	6.322	3.89%	66.69%
10.5	6.573		
10.5	6.573	3.21%	69.90%
9	6.796		
9	6.796	3.61%	73.51%
7.5	7.059		
7.5	7.059	4.12%	77.63%
6	7.381		
6	7.381	3.05%	80.68%
5	7.644		
5	7.644	2.31%	82.98%
4.3	7.861		
4.3	7.861	1.06%	84.04%
4	7.966		
4	7.966	1.06%	85.10%
3.7	8.078		
3.7	8.078	2.27%	87.36%
3.1	8.334		
3.1	8.334	2.03%	89.39%
2.6	8.587		
2.6	8.587	1.73%	91.12%
2.2	8.828		
2.2	8.828	1.84%	92.97%
1.8	9.118		
1.8	9.118	1.46%	94.43%
1.5	9.381		
1.5	9.381	1.01%	95.44%
1.3	9.587		
1.3	9.587	1.05%	96.49%
1.1	9.828		
1.1	9.828	1.09%	97.58%
0.9	10.118		
< 0,900	> 10,118	2.42%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 85**
Livello (cm)	**(75-100)**
Peso totale (g)	31.3
Frazione > 63 μm (%)	28.0
Frazione < 63 μm (%)	72.0

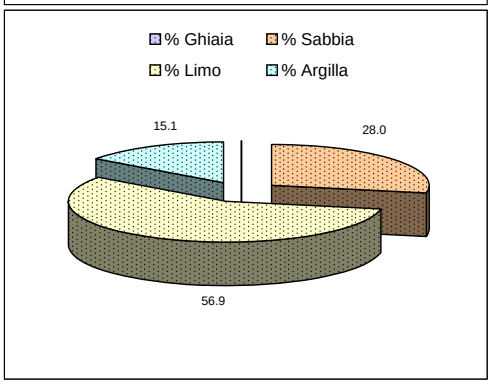
Frazione grossolana (> 63 μm) =	**28.0**
% Ghiaia	**% Sabbia**
0.0	**28.0**

Frazione pelitica (< 63 μm) =	**72.0**
% Limo	**% Argilla**
56.9	**15.1**

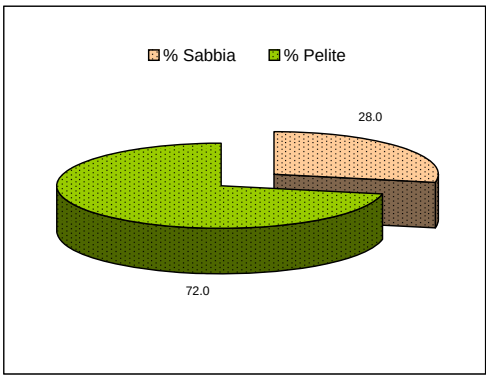
Parametri statistici (Folk & Ward***)	
Media (Φ)	5.482
Deviazione Standard	2.221
Asimmetria (Skewness)	0.162
Appuntimento (Kurtosis)	0.925
Mediana (Φ)	5.263
Moda (Φ)	5.000

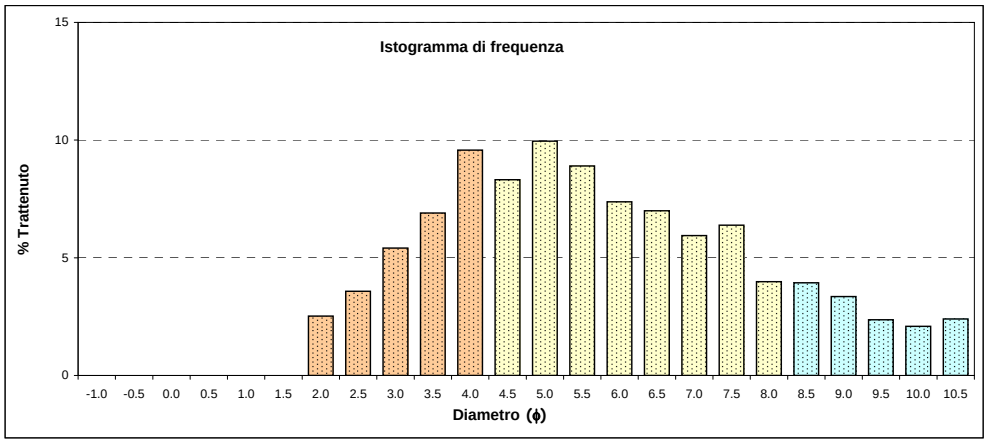
Percentili (Φ)	
5	2.328
16	3.316
25	3.848
50	5.263
75	7.016
84	7.867
95	9.476

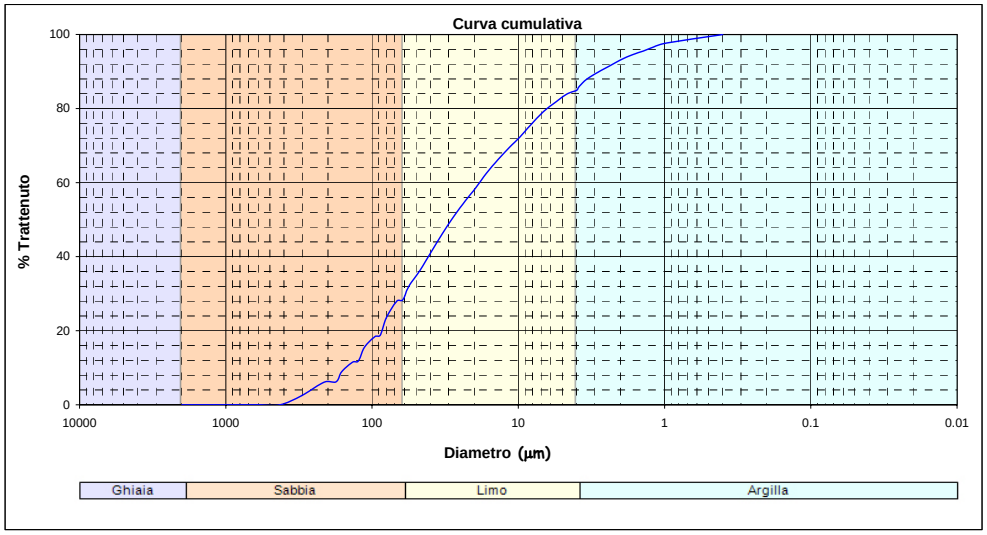
LIMO SABBIOSO
(Classificazione di Shepard**)



PELITE SABBIOSA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	2.52%	2.52%
250	2		
250	2	3.57%	6.09%
176.78	2.5		
176.78	2.5	0.14%	6.24%
175	2.515		
175	2.515	2.70%	8.94%
147	2.766		
147	2.766	2.57%	11.51%
125	3		
125	3	0.33%	11.84%
123	3.023		
123	3.023	3.64%	15.48%
103	3.279		
103	3.279	2.93%	18.41%
88.39	3.5		
88.39	3.5	0.40%	18.81%
87	3.523		
87	3.523	4.65%	23.46%
73	3.776		
73	3.776	4.53%	27.99%
62.5	4		
62.5	4	0.33%	28.32%
61	4.035		
61	4.035	3.68%	31.99%
51	4.293		
51	4.293	4.31%	36.31%
43	4.54		
43	4.54	4.93%	41.23%
36	4.796		
36	4.796	5.03%	46.26%
30	5.059		
30	5.059	4.72%	50.98%
25	5.322		
25	5.322	4.18%	55.16%
21	5.573		
21	5.573	3.47%	58.63%
18	5.796		
18	5.796	3.91%	62.54%
15	6.059		
15	6.059	3.69%	66.23%
12.5	6.322		
12.5	6.322	3.31%	69.54%
10.5	6.573		
10.5	6.573	2.78%	72.31%
9	6.796		
9	6.796	3.17%	75.48%
7.5	7.059		
7.5	7.059	3.66%	79.14%
6	7.381		
6	7.381	2.73%	81.87%
5	7.644		
5	7.644	2.07%	83.94%
4.3	7.861		
4.3	7.861	0.96%	84.90%
4	7.966		
4	7.966	0.96%	85.86%
3.7	8.078		
3.7	8.078	2.07%	87.92%
3.1	8.334		
3.1	8.334	1.87%	89.79%
2.6	8.587		
2.6	8.587	1.61%	91.41%
2.2	8.828		
2.2	8.828	1.74%	93.14%
1.8	9.118		
1.8	9.118	1.39%	94.53%
1.5	9.381		
1.5	9.381	0.97%	95.51%
1.3	9.587		
1.3	9.587	1.02%	96.53%
1.1	9.828		
1.1	9.828	1.07%	97.60%
0.9	10.118		
< 0,900	> 10,118	2.40%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 86
Livello (cm)	(0-25)
Peso totale (g)	38.9
Frazione > 63 μm (%)	74.8
Frazione < 63 μm (%)	25.2

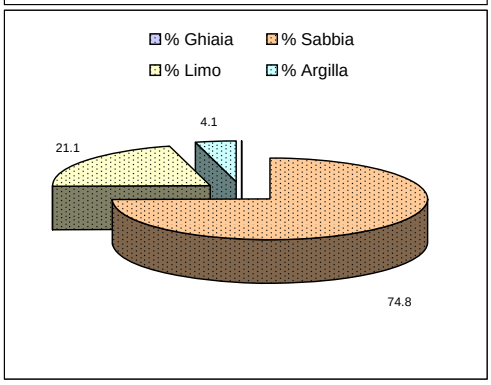
Frazione grossolana (> 63 μm) = 74.8	
% Ghiaia	% Sabbia
0.0	74.8

Frazione pelitica (< 63 μm) = 25.2	
% Limo	% Argilla
21.1	4.1

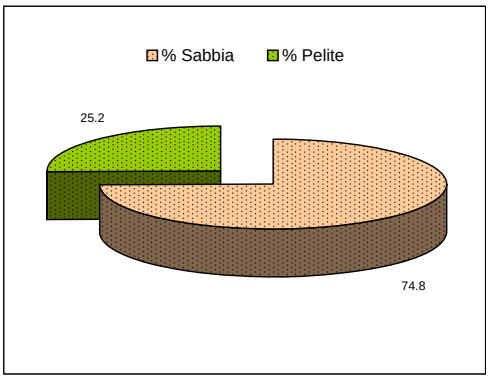
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.750
Deviazione Standard	1.425
Asimmetria (Skewness)	0.528
Appuntimento (Kurtosis)	1.886
Mediana (Φ)	3.382
Moda (Φ)	3.500

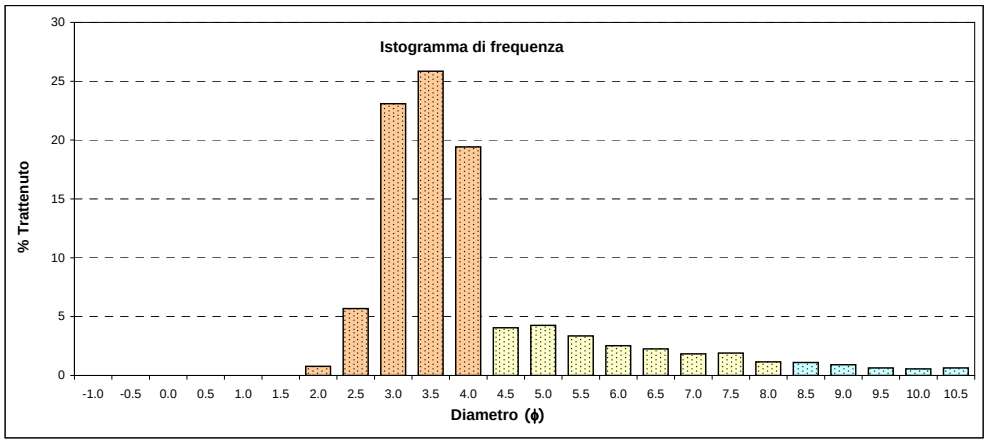
Percentili (Φ)	
5	2.355
16	2.688
25	2.888
50	3.382
75	4.038
84	5.180
95	7.646

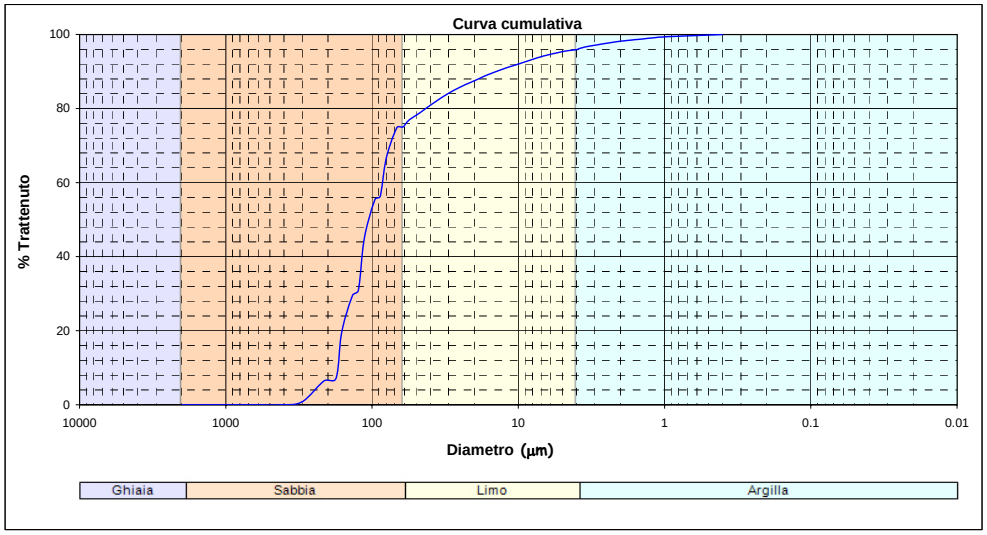
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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***Folk R. L. & Ward W. C. (1957) - "Brazos River bar: a study in the significance of grain size parameters". Jour. Sed. Petr., 27, 3-26.

La frazione grossolana (>63 μm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (μm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.77%	0.77%
250	2		
250	2	5.68%	6.45%
176.78	2.5		
176.78	2.5	0.77%	7.22%
175	2.515		
175	2.515	12.40%	19.62%
147	2.766		
147	2.766	9.92%	29.54%
125	3		
125	3	1.39%	30.93%
123	3.023		
123	3.023	14.04%	44.96%
103	3.279		
103	3.279	10.42%	55.39%
88.39	3.5		
88.39	3.5	0.98%	56.36%
87	3.523		
87	3.523	10.23%	66.59%
73	3.776		
73	3.776	8.22%	74.81%
62.5	4		
62.5	4	0.17%	74.98%
61	4.035		
61	4.035	1.85%	76.82%
51	4.293		
51	4.293	2.04%	78.86%
43	4.54		
43	4.54	2.18%	81.04%
36	4.796		
36	4.796	2.08%	83.12%
30	5.059		
30	5.059	1.83%	84.95%
25	5.322		
25	5.322	1.53%	86.47%
21	5.573		
21	5.573	1.21%	87.68%
18	5.796		
18	5.796	1.31%	89.00%
15	6.059		
15	6.059	1.20%	90.20%
12.5	6.322		
12.5	6.322	1.05%	91.25%
10.5	6.573		
10.5	6.573	0.87%	92.12%
9	6.796		
9	6.796	0.97%	93.09%
7.5	7.059		
7.5	7.059	1.10%	94.18%
6	7.381		
6	7.381	0.81%	94.99%
5	7.644		
5	7.644	0.61%	95.60%
4.3	7.861		
4.3	7.861	0.27%	95.87%
4	7.966		
4	7.966	0.27%	96.15%
3.7	8.078		
3.7	8.078	0.58%	96.73%
3.1	8.334		
3.1	8.334	0.52%	97.25%
2.6	8.587		
2.6	8.587	0.44%	97.69%
2.2	8.828		
2.2	8.828	0.47%	98.16%
1.8	9.118		
1.8	9.118	0.37%	98.54%
1.5	9.381		
1.5	9.381	0.26%	98.80%
1.3	9.587		
1.3	9.587	0.27%	99.07%
1.1	9.828		
1.1	9.828	0.29%	99.36%
0.9	10.118		
< 0,900	> 10,118	0.64%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 86**
Livello (cm)	**(25-50)**
Peso totale (g)	42.6
Frazione > 63 µm (%)	74.9
Frazione < 63 µm (%)	25.1

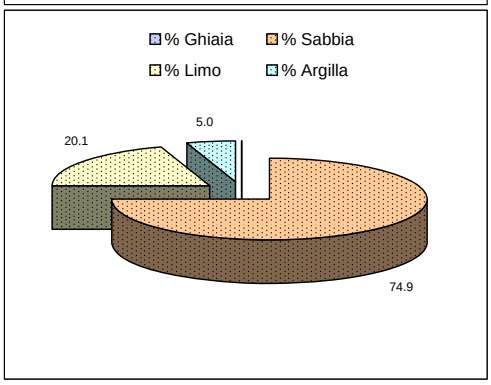
Frazione grossolana (> 63 µm) = 74.9	
% Ghiaia	**% Sabbia**
0.0	**74.9**

Frazione pelitica (< 63 µm) = 25.1	
% Limo	**% Argilla**
20.1	**5.0**

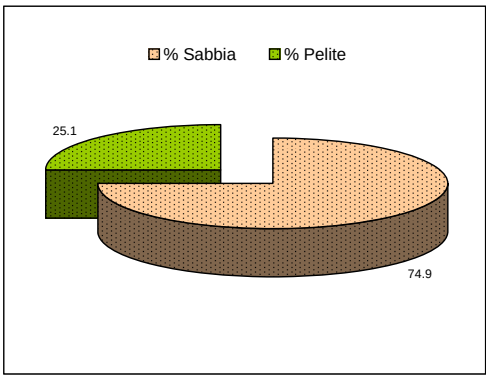
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.757
Deviazione Standard	1.637
Asimmetria (Skewness)	0.598
Appuntimento (Kurtosis)	1.785
Mediana (Φ)	3.195
Moda (Φ)	3.000

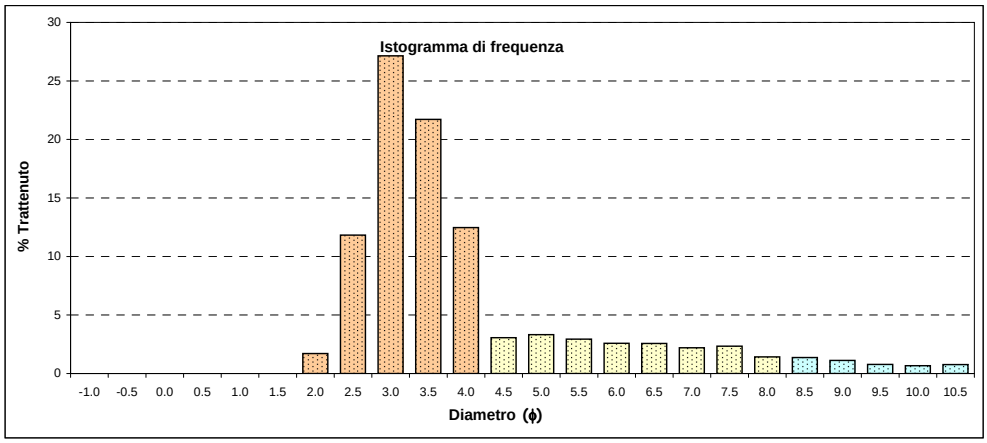
Percentili (Φ)	
5	2.122
16	2.539
25	2.691
50	3.195
75	4.035
84	5.537
95	7.978

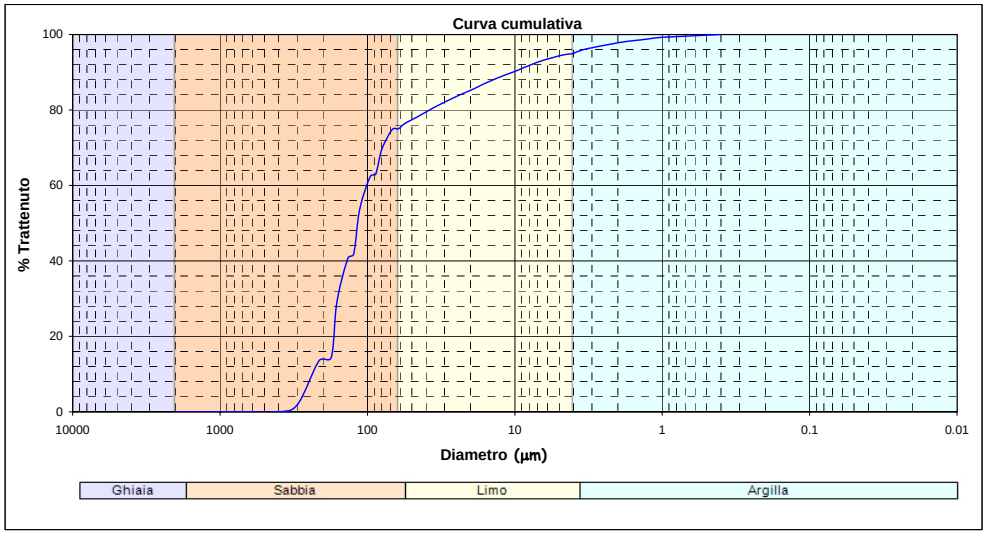
SABBIA LIMOSA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







*Nota D.J.G. (1958) - "Sediments of the western Guyana shelf". Report of Orinoco shelf expedition, 2. Mendedel, Landbomvhogedrool, Wegeningen, 58, 98 p.
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La frazione grossolana (>63 µm) è stata vagliata con setacciatore meccanico a vibrazione e basculamento, su pila di setacci serie ASTM con maglie di dimensioni variabili da –1 a +4 ϕ, ad intervalli di 0.5 ϕ.
La frazione fine (<63 µm) è stata analizzata mediante granulometro laser Sympatec Helos.

Intervalli dimensionali (µm)	(Φ)	Frequenza semplice	Frequenza cumulata
> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	1.71%	1.71%
250	2		
250	2	11.83%	13.54%
176.78	2.5		
176.78	2.5	0.93%	14.47%
175	2.515		
175	2.515	14.65%	29.12%
147	2.766		
147	2.766	11.56%	40.68%
125	3		
125	3	1.17%	41.85%
123	3.023		
123	3.023	11.78%	53.63%
103	3.279		
103	3.279	8.78%	62.40%
88.39	3.5		
88.39	3.5	0.61%	63.02%
87	3.523		
87	3.523	6.53%	69.54%
73	3.776		
73	3.776	5.33%	74.87%
62.5	4		
62.5	4	0.13%	75.00%
61	4.035		
61	4.035	1.39%	76.39%
51	4.293		
51	4.293	1.54%	77.94%
43	4.54		
43	4.54	1.67%	79.61%
36	4.796		
36	4.796	1.65%	81.25%
30	5.059		
30	5.059	1.54%	82.79%
25	5.322		
25	5.322	1.39%	84.19%
21	5.573		
21	5.573	1.19%	85.38%
18	5.796		
18	5.796	1.39%	86.77%
15	6.059		
15	6.059	1.35%	88.12%
12.5	6.322		
12.5	6.322	1.22%	89.34%
10.5	6.573		
10.5	6.573	1.03%	90.37%
9	6.796		
9	6.796	1.17%	91.55%
7.5	7.059		
7.5	7.059	1.34%	92.89%
6	7.381		
6	7.381	0.99%	93.88%
5	7.644		
5	7.644	0.75%	94.62%
4.3	7.861		
4.3	7.861	0.34%	94.96%
4	7.966		
4	7.966	0.34%	95.30%
3.7	8.078		
3.7	8.078	0.72%	96.03%
3.1	8.334		
3.1	8.334	0.64%	96.67%
2.6	8.587		
2.6	8.587	0.55%	97.21%
2.2	8.828		
2.2	8.828	0.58%	97.79%
1.8	9.118		
1.8	9.118	0.46%	98.25%
1.5	9.381		
1.5	9.381	0.32%	98.57%
1.3	9.587		
1.3	9.587	0.33%	98.90%
1.1	9.828		
1.1	9.828	0.34%	99.24%
0.9	10.118		
< 0,900	> 10,118	0.76%	100.00%

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Nome Campagna	Laghi di Mantova
Data campionamento	Ottobre 2008
Sigla campione	LM 86
Livello (cm)	(50-75)
Peso totale (g)	33.9
Frazione > 63 μm (%)	77.5
Frazione < 63 μm (%)	22.5

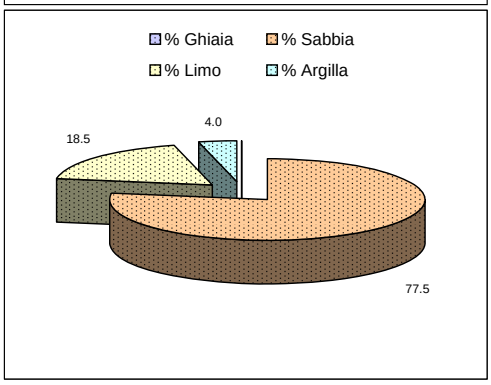
Frazione grossolana (> 63 μm) = 77.5	
% Ghiaia	% Sabbia
0.0	77.5

Frazione pelitica (< 63 μm) = 22.5	
% Limo	% Argilla
18.5	4.0

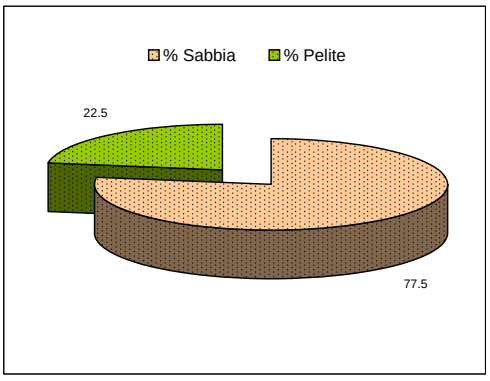
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.637
Deviazione Standard	1.381
Asimmetria (Skewness)	0.530
Appuntimento (Kurtosis)	1.962
Mediana (Φ)	3.295
Moda (Φ)	3.500

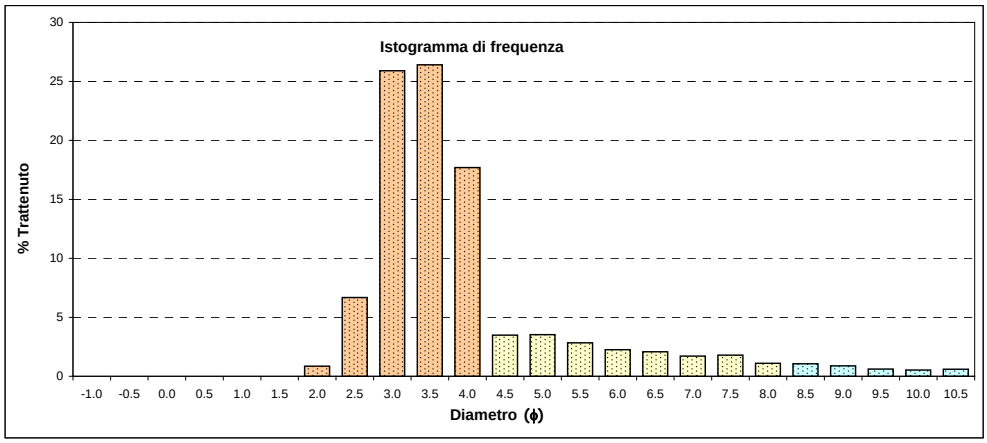
Percentili (Φ)	
5	2.290
16	2.646
25	2.818
50	3.295
75	3.920
84	4.971
95	7.567

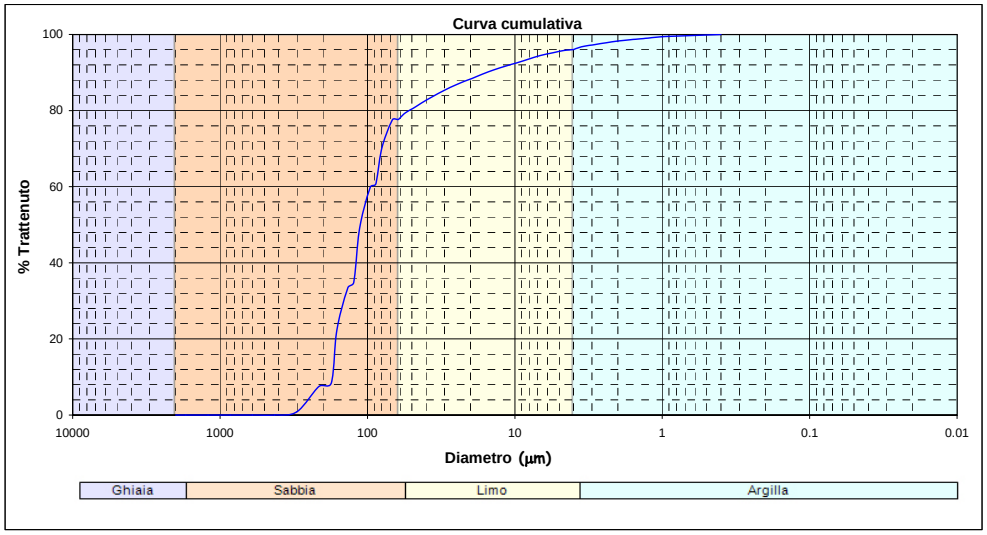
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.86%	0.86%
250	2		
250	2	6.67%	7.53%
176.78	2.5		
176.78	2.5	0.89%	8.41%
175	2.515		
175	2.515	13.98%	22.39%
147	2.766		
147	2.766	11.04%	33.44%
125	3		
125	3	1.42%	34.86%
123	3.023		
123	3.023	14.32%	49.17%
103	3.279		
103	3.279	10.67%	59.84%
88.39	3.5		
88.39	3.5	0.88%	60.72%
87	3.523		
87	3.523	9.32%	70.04%
73	3.776		
73	3.776	7.49%	77.53%
62.5	4		
62.5	4	0.15%	77.68%
61	4.035		
61	4.035	1.60%	79.29%
51	4.293		
51	4.293	1.73%	81.02%
43	4.54		
43	4.54	1.81%	82.83%
36	4.796		
36	4.796	1.71%	84.54%
30	5.059		
30	5.059	1.52%	86.06%
25	5.322		
25	5.322	1.31%	87.37%
21	5.573		
21	5.573	1.07%	88.44%
18	5.796		
18	5.796	1.19%	89.63%
15	6.059		
15	6.059	1.10%	90.73%
12.5	6.322		
12.5	6.322	0.98%	91.71%
10.5	6.573		
10.5	6.573	0.81%	92.51%
9	6.796		
9	6.796	0.91%	93.42%
7.5	7.059		
7.5	7.059	1.03%	94.45%
6	7.381		
6	7.381	0.76%	95.21%
5	7.644		
5	7.644	0.57%	95.78%
4.3	7.861		
4.3	7.861	0.26%	96.04%
4	7.966		
4	7.966	0.26%	96.31%
3.7	8.078		
3.7	8.078	0.56%	96.87%
3.1	8.334		
3.1	8.334	0.50%	97.37%
2.6	8.587		
2.6	8.587	0.43%	97.80%
2.2	8.828		
2.2	8.828	0.46%	98.26%
1.8	9.118		
1.8	9.118	0.36%	98.62%
1.5	9.381		
1.5	9.381	0.25%	98.87%
1.3	9.587		
1.3	9.587	0.26%	99.13%
1.1	9.828		
1.1	9.828	0.27%	99.40%
0.9	10.118		
< 0,900	> 10,118	0.60%	100.00%

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Nome Campagna	**Laghi di Mantova**
Data campionamento	**Ottobre 2008**
Sigla campione	**LM 86**
Livello (cm)	**(75-100)**
Peso totale (g)	46.1
Frazione > 63 μm (%)	78.2
Frazione < 63 μm (%)	21.8

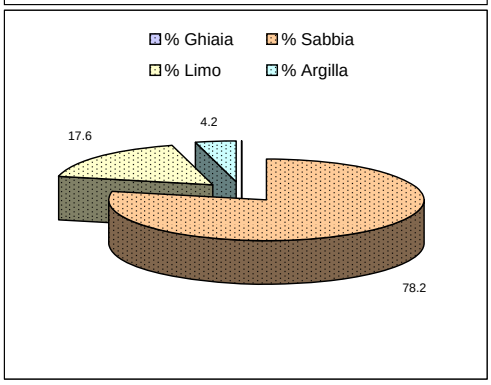
Frazione grossolana (> 63 μm) = 78.2	
% Ghiaia	**% Sabbia**
0.0	**78.2**

Frazione pelitica (< 63 μm) = 21.8	
% Limo	**% Argilla**
17.6	**4.2**

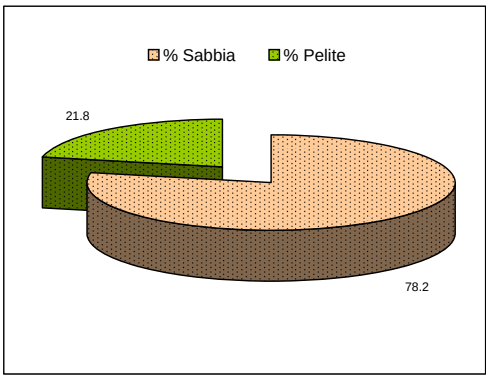
Parametri statistici (Folk & Ward***)	
Media (Φ)	3.628
Deviazione Standard	1.404
Asimmetria (Skewness)	0.539
Appuntimento (Kurtosis)	2.029
Mediana (Φ)	3.274
Moda (Φ)	3.500

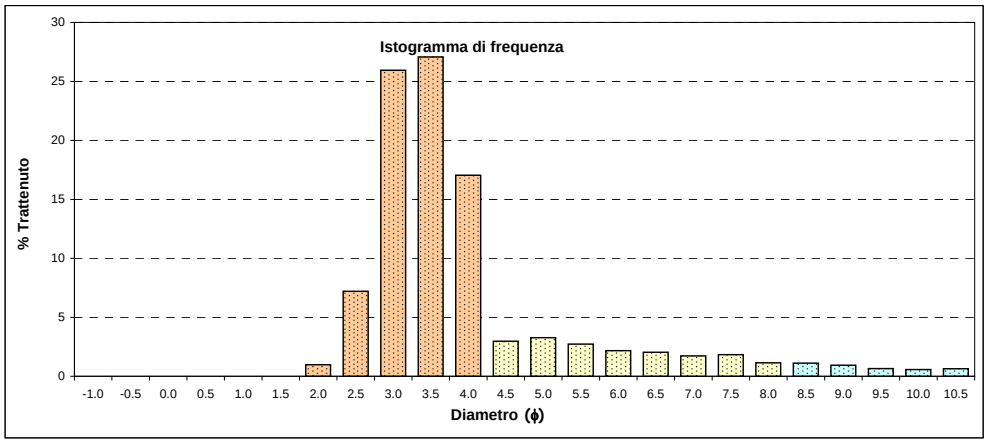
Percentili (Φ)	
5	2.258
16	2.634
25	2.804
50	3.274
75	3.895
84	4.977
95	7.657

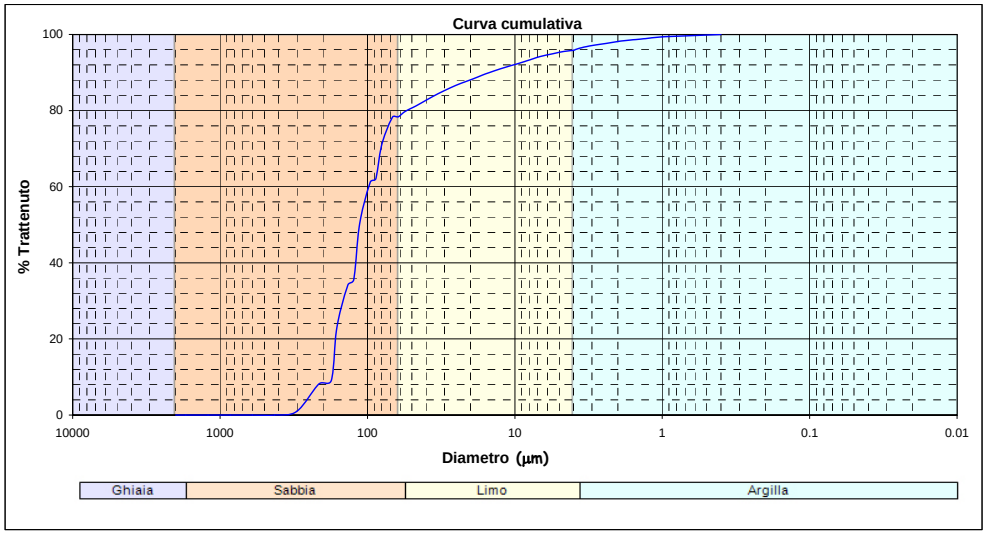
SABBIA
(Classificazione di Shepard**)



SABBIA PELITICA
(Classificazione di Nota*)







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La frazione fine (<63 μm) è stata analizzata mediante granulometro laser Sympatec Helos.

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> 2000,000	< -1,000	0.00%	0.00%
2000	-1	0.00%	0.00%
1414.21	-0.5		
1414.21	-0.5	0.00%	0.00%
1000	0		
1000	0	0.00%	0.00%
707.11	0.5		
707.11	0.5	0.00%	0.00%
500	1		
500	1	0.00%	0.00%
353.55	1.5		
353.55	1.5	0.98%	0.98%
250	2		
250	2	7.21%	8.18%
176.78	2.5		
176.78	2.5	0.89%	9.07%
175	2.515		
175	2.515	14.00%	23.07%
147	2.766		
147	2.766	11.06%	34.13%
125	3		
125	3	1.46%	35.59%
123	3.023		
123	3.023	14.71%	50.30%
103	3.279		
103	3.279	10.90%	61.19%
88.39	3.5		
88.39	3.5	0.86%	62.05%
87	3.523		
87	3.523	9.01%	71.06%
73	3.776		
73	3.776	7.17%	78.23%
62.5	4		
62.5	4	0.12%	78.35%
61	4.035		
61	4.035	1.34%	79.70%
51	4.293		
51	4.293	1.51%	81.21%
43	4.54		
43	4.54	1.65%	82.86%
36	4.796		
36	4.796	1.62%	84.47%
30	5.059		
30	5.059	1.47%	85.94%
25	5.322		
25	5.322	1.26%	87.20%
21	5.573		
21	5.573	1.03%	88.23%
18	5.796		
18	5.796	1.14%	89.37%
15	6.059		
15	6.059	1.07%	90.44%
12.5	6.322		
12.5	6.322	0.96%	91.40%
10.5	6.573		
10.5	6.573	0.80%	92.21%
9	6.796		
9	6.796	0.92%	93.12%
7.5	7.059		
7.5	7.059	1.05%	94.18%
6	7.381		
6	7.381	0.78%	94.96%
5	7.644		
5	7.644	0.59%	95.55%
4.3	7.861		
4.3	7.861	0.27%	95.83%
4	7.966		
4	7.966	0.27%	96.10%
3.7	8.078		
3.7	8.078	0.59%	96.69%
3.1	8.334		
3.1	8.334	0.53%	97.21%
2.6	8.587		
2.6	8.587	0.45%	97.66%
2.2	8.828		
2.2	8.828	0.48%	98.14%
1.8	9.118		
1.8	9.118	0.38%	98.53%
1.5	9.381		
1.5	9.381	0.27%	98.79%
1.3	9.587		
1.3	9.587	0.28%	99.07%
1.1	9.828		
1.1	9.828	0.29%	99.36%
0.9	10.118		
< 0,900	> 10,118	0.64%	100.00%