

ANALISI GRANULOMETRICA

Località **CONCORREZZO**
 Campione **1**
 Profondità **-1,0 m da p.c.**

Data **gen-99**

| | MAGLIA | TRATTENUTO | | PASSANTE |
|----------------------|---------------|-------------------|------------|-----------------|
| | <i>mm</i> | % | % cumulate | % |
| setacciatura ASTM | 37.500 | 0.00 | 0.00 | 100.00 |
| | 25.000 | 4.34 | 4.34 | 95.66 |
| | 19.000 | 8.28 | 12.62 | 87.38 |
| | 12.500 | 6.32 | 18.94 | 81.06 |
| | 9.500 | 5.95 | 24.89 | 75.11 |
| | 6.300 | 3.36 | 28.25 | 71.75 |
| | 4.750 | 3.08 | 31.33 | 68.67 |
| | 2.000 | 7.83 | 39.16 | 60.84 |
| | 0.850 | 8.13 | 47.29 | 52.71 |
| | 0.425 | 6.91 | 54.20 | 45.80 |
| | 0.180 | 10.86 | 65.06 | 34.94 |
| | 0.125 | 4.31 | 69.37 | 30.63 |
| | areometria | 0.075 | 6.50 | 75.87 |
| 0.0623 | | 1.45 | 77.32 | 22.68 |
| 0.0445 | | 1.93 | 79.25 | 20.75 |
| 0.0326 | | 1.45 | 80.70 | 19.30 |
| 0.0242 | | 3.14 | 83.84 | 16.16 |
| 0.0164 | | 3.14 | 86.98 | 13.02 |
| 0.0121 | | 11.58 | 98.56 | 1.44 |
| 0.0100 | | 0.96 | 99.52 | 0.48 |
| 0.0073 | | 0.48 | 100.00 | 0.00 |
| 0.0053 | | 0.00 | 100.00 | 0.00 |
| 0.0038 | | 0.00 | 100.00 | 0.00 |
| 0.0027 | | 0.00 | 100.00 | 0.00 |
| 0.0020 | | 0.00 | 100.00 | 0.00 |

| Classificazione | | AGI | ASTM |
|------------------------|---------|------------|-------------|
| | ghiaia | 39.16% | 31.33% |
| | sabbia | 38.16% | 44.54% |
| | limo | 22.68% | 24.13% |
| | argilla | | |

GHIAIA E SABBIA LIMOSA

Parametri

D₆₀ mm 2

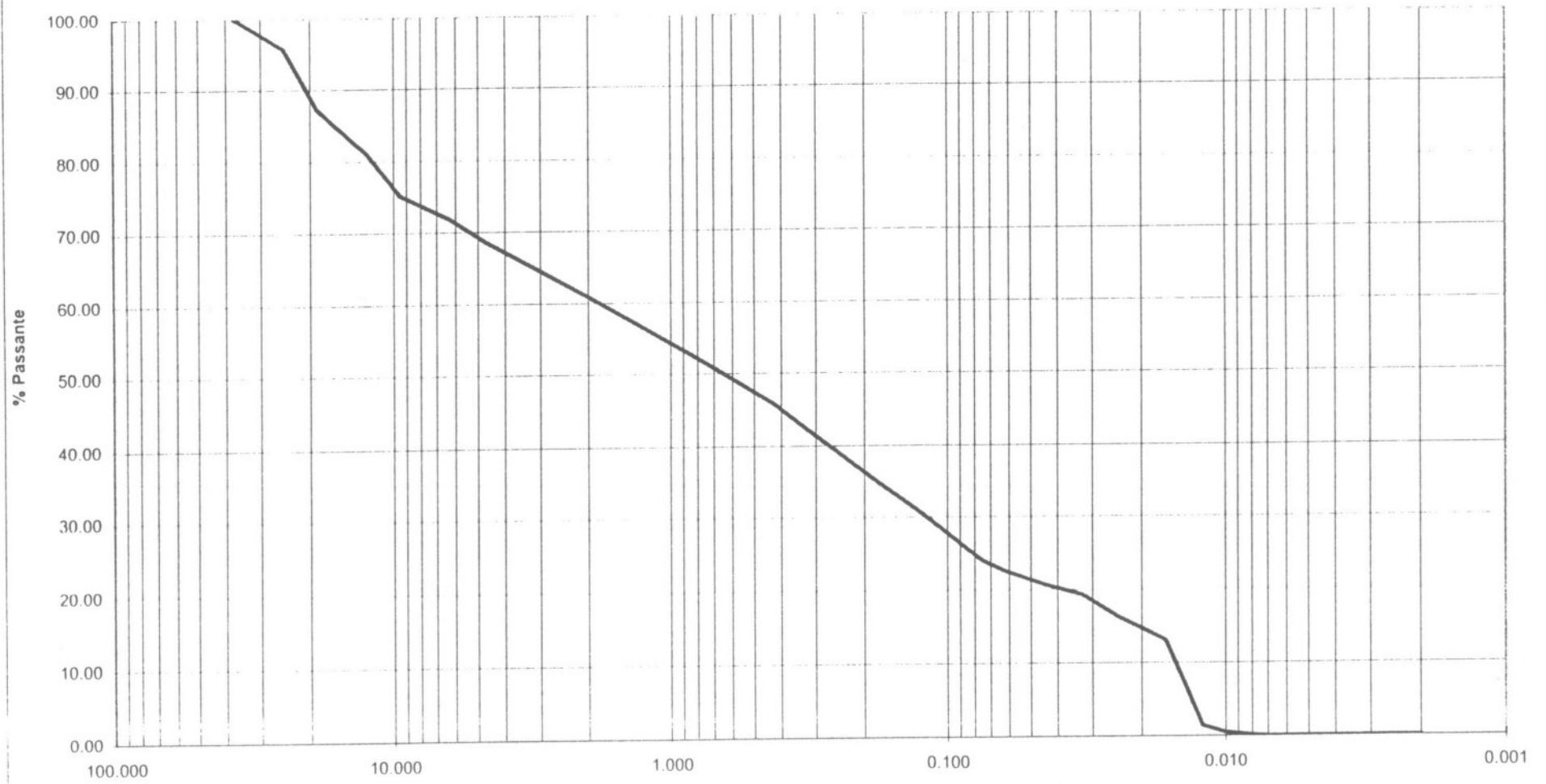
D₁₀ mm 0.018

K (cm/s) 3.E-04
 coef. di uniform. 111.11
 Coef. asim. 0.219

LIMITI DI ATTERBERG

limite di liquidità LL= n.d.
 limite di plasticità LP= n.d.
 indice di plasticità IP= 0

CURVA GRANULOMETRICA CAMPIONE C1



ANALISI GRANULOMETRICA

Località CONCORREZZO
Campione 2
Profondità -1,0 m da p.c.

Data gen-99

| | MAGLIA | TRATTENUTO | | PASSANTE |
|----------------------|--------|------------|------------|----------|
| | mm | % | % cumulate | % |
| setacciatura ASTM | 37.500 | 0.00 | 0.00 | 100.00 |
| | 25.000 | 0.00 | 0.00 | 100.00 |
| | 19.000 | 1.51 | 1.51 | 98.49 |
| | 12.500 | 0.37 | 1.88 | 98.12 |
| | 9.500 | 0.30 | 2.18 | 97.82 |
| | 6.300 | 1.18 | 3.36 | 96.64 |
| | 4.750 | 0.68 | 4.04 | 95.96 |
| | 2.000 | 3.08 | 7.12 | 92.88 |
| | 0.850 | 19.81 | 26.93 | 73.07 |
| | 0.425 | 20.48 | 47.41 | 52.59 |
| areometria | 0.180 | 16.44 | 63.85 | 36.15 |
| | 0.125 | 4.31 | 68.16 | 31.84 |
| | 0.075 | 6.14 | 74.30 | 25.70 |
| | 0.0623 | 3.21 | 77.51 | 22.49 |
| | 0.0445 | 2.67 | 80.18 | 19.82 |
| | 0.0326 | 1.07 | 81.25 | 18.75 |
| | 0.0242 | 5.84 | 87.09 | 12.91 |
| | 0.0164 | 6.65 | 93.74 | 6.26 |
| | 0.0121 | 5.80 | 99.54 | 0.46 |
| | 0.0100 | 0.19 | 99.73 | 0.27 |
| | 0.0073 | 0.27 | 100.00 | 0.00 |
| | 0.0053 | 0.00 | 100.00 | 0.00 |
| | 0.0038 | 0.00 | 100.00 | 0.00 |
| | 0.0027 | 0.00 | 100.00 | 0.00 |
| | 0.0020 | 0.00 | 100.00 | 0.00 |

| Classificazione | | AGI | ASTM |
|-----------------|---------|--------|--------|
| | | ghiaia | 7.12% |
| | sabbia | 70.39% | 70.26% |
| | limo | 22.49% | 25.70% |
| | argilla | | |

SABBIA LIMOSA DEBOLMENTE GHIAIOSA

Parametri

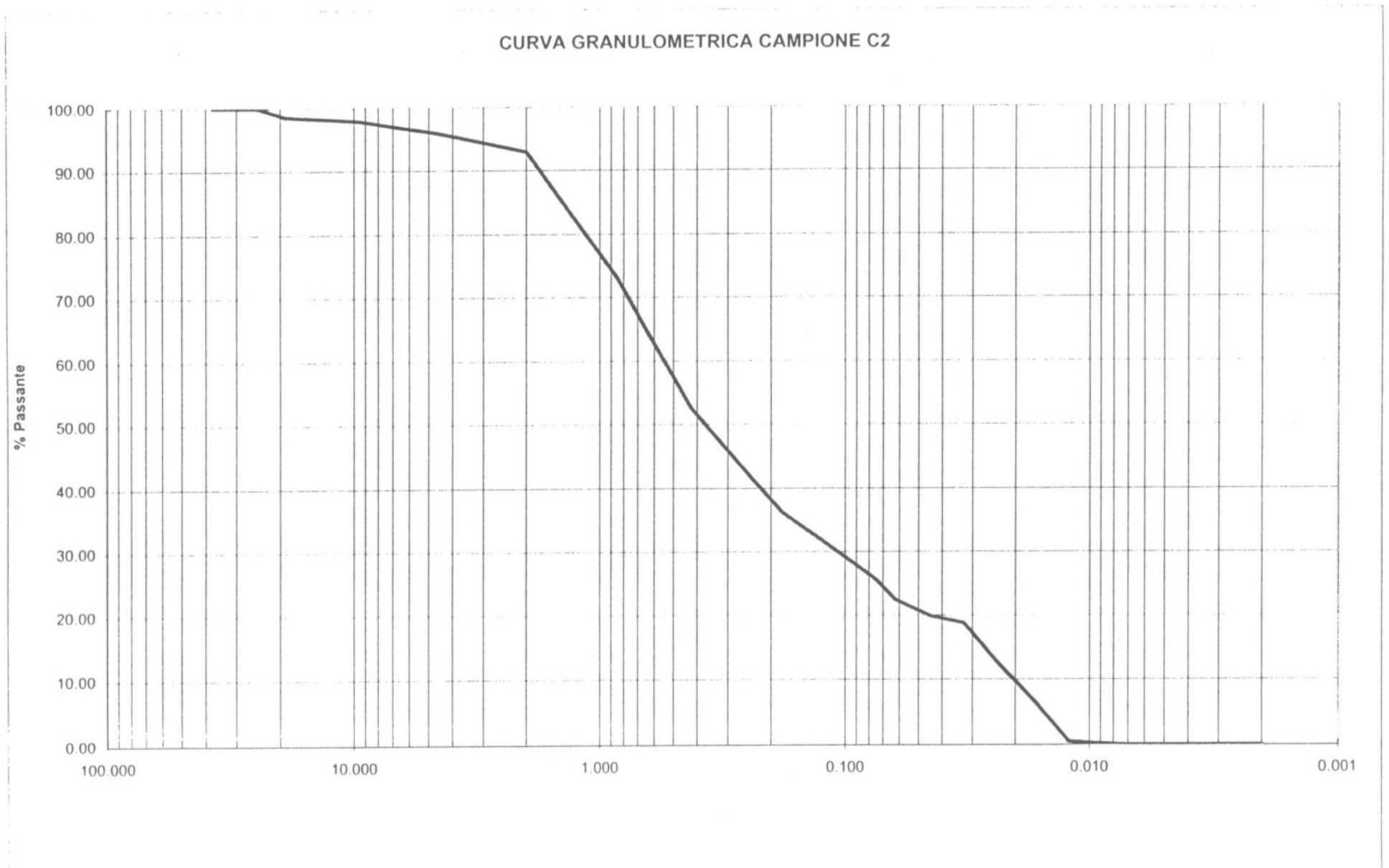
D₆₀ mm 2.76

D₁₀ mm 0.02

K (cm/s) 4.E-04
coef. di uniform. 138.00
Coef. asim. 0.219

LIMITI DI ATTERBERG

limite di liquidità LL= n.d.
limite di plasticità LP= n.d.
indice di plasticità IP= 0



ANALISI GRANULOMETRICA

Località CONCORREZZO
 Campione 3
 Profondità -1,0 m da p.c.

Data gen-99

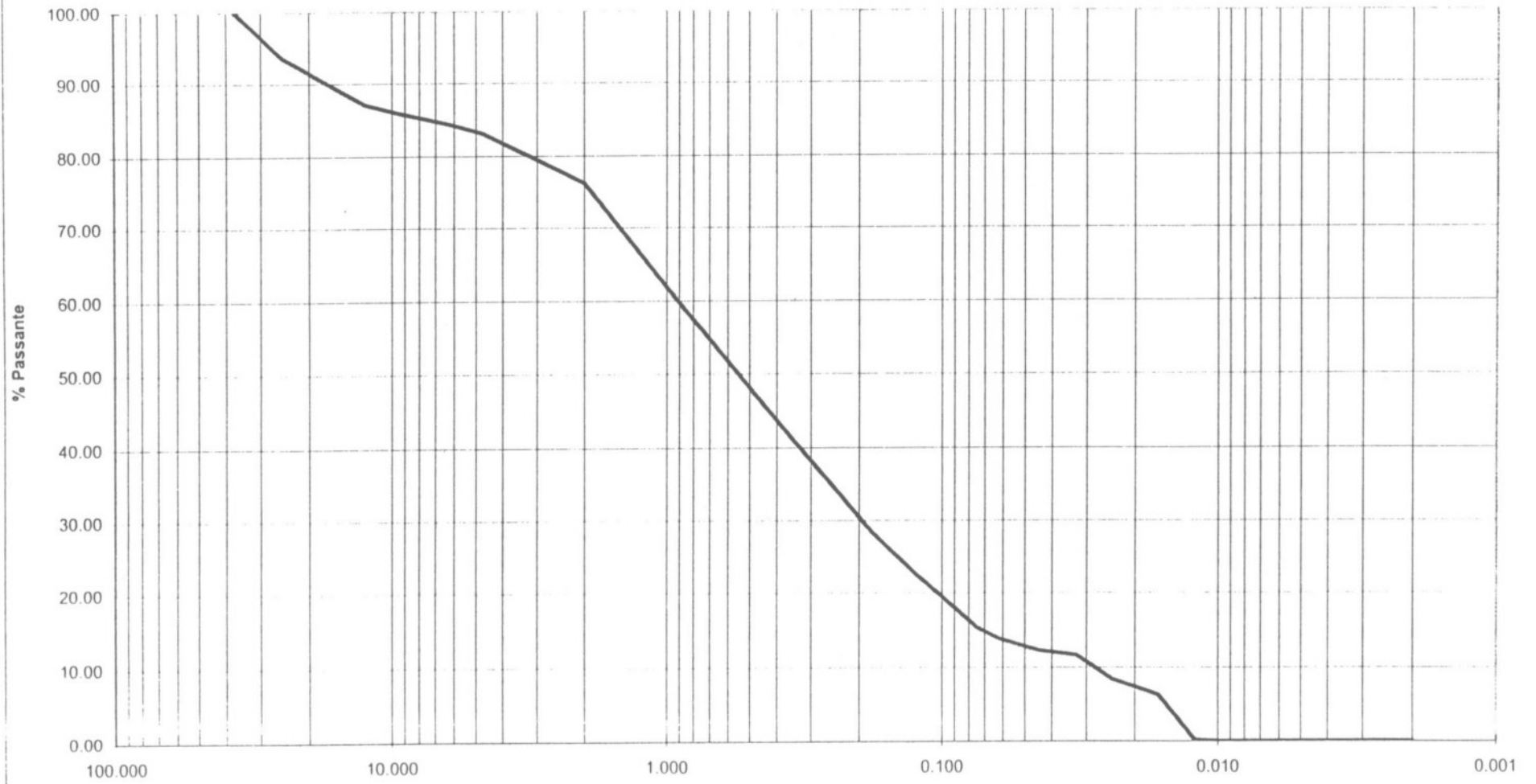
| | MAGLIA | TRATTENUTO | | PASSANTE |
|----------------------|--------|------------|------------|----------|
| | mm | % | % cumulate | % |
| setacciatura ASTM | 37.500 | 0.00 | 0.00 | 100.00 |
| | 25.000 | 6.50 | 6.50 | 93.50 |
| | 19.000 | 2.56 | 9.06 | 90.94 |
| | 12.500 | 3.86 | 12.92 | 87.08 |
| | 9.500 | 1.15 | 14.07 | 85.93 |
| | 6.300 | 1.55 | 15.62 | 84.38 |
| | 4.750 | 1.24 | 16.86 | 83.14 |
| | 2.000 | 6.97 | 23.83 | 76.17 |
| | 0.850 | 17.63 | 41.46 | 58.54 |
| | 0.425 | 13.63 | 55.09 | 44.91 |
| areometria | 0.180 | 16.51 | 71.60 | 28.40 |
| | 0.125 | 5.70 | 77.30 | 22.70 |
| | 0.075 | 7.40 | 84.70 | 15.30 |
| | 0.0623 | 1.53 | 86.23 | 13.77 |
| | 0.0445 | 1.53 | 87.76 | 12.24 |
| | 0.0326 | 0.61 | 88.37 | 11.63 |
| | 0.0242 | 3.21 | 91.58 | 8.42 |
| | 0.0164 | 2.15 | 93.73 | 6.27 |
| | 0.0121 | 6.12 | 99.85 | 0.15 |
| | 0.0100 | 0.15 | 100.00 | 0.00 |
| | 0.0073 | 0.00 | 100.00 | 0.00 |
| | 0.0053 | 0.00 | 100.00 | 0.00 |
| | 0.0038 | 0.00 | 100.00 | 0.00 |
| | 0.0027 | 0.00 | 100.00 | 0.00 |
| | 0.0020 | 0.00 | 100.00 | 0.00 |

| | AGI | ASTM |
|------------------------|--------|--------|
| Classificazione | | |
| ghiaia | 23.83% | 16.86% |
| sabbia | 62.40% | 67.84% |
| limo | 13.77% | 15.30% |
| argilla | | |

SABBIA GHIAIOSA-LIMOSA

| | | | |
|----------------------------|----------------------|----|----------|
| Parametri | | | |
| | D ₆₀ | mm | 0.9 |
| | D ₁₀ | mm | 0.029 |
| | K (cm/s) | | 8.E-04 |
| | coef. di uniform. | | 31.03 |
| | Coef. asimmm. | | 0.219 |
| LIMITI DI ATTERBERG | | | |
| | limite di liquidità | | LL= n.d. |
| | limite di plasticità | | LP= n.d |
| | indice di plasticità | | IP= 0 |

CURVA GRANULOMETRICA



ANALISI GRANULOMETRICA

Località CONCORREZZO
 Campione 4
 Profondità -1,0 m da p.c.

Data gen-99

| | MAGLIA | TRATTENUTO | | PASSANTE |
|----------------------|--------|------------|------------|----------|
| | mm | % | % cumulate | % |
| setacciatura ASTM | 37.500 | 0.00 | 0.00 | 100.00 |
| | 25.000 | 9.30 | 9.30 | 90.70 |
| | 19.000 | 2.76 | 12.06 | 87.94 |
| | 12.500 | 8.86 | 20.92 | 79.08 |
| | 9.500 | 1.15 | 22.07 | 77.93 |
| | 6.300 | 1.55 | 23.62 | 76.38 |
| | 4.750 | 1.24 | 24.86 | 75.14 |
| | 2.000 | 6.97 | 31.83 | 68.17 |
| | 0.850 | 12.63 | 44.46 | 55.54 |
| | 0.425 | 13.63 | 58.09 | 41.91 |
| | 0.180 | 16.51 | 74.60 | 25.40 |
| | 0.125 | 5.70 | 80.30 | 19.70 |
| areometria | 0.075 | 9.40 | 89.70 | 10.30 |
| | 0.0623 | 1.10 | 90.80 | 9.20 |
| | 0.0445 | 1.96 | 92.76 | 7.24 |
| | 0.0326 | 4.61 | 97.37 | 2.63 |
| | 0.0242 | 1.21 | 98.58 | 1.42 |
| | 0.0164 | 1.15 | 99.73 | 0.27 |
| | 0.0121 | 0.12 | 99.85 | 0.15 |
| | 0.0100 | 0.15 | 100.00 | 0.00 |
| | 0.0073 | 0.00 | 100.00 | 0.00 |
| | 0.0053 | 0.00 | 100.00 | 0.00 |
| | 0.0038 | 0.00 | 100.00 | 0.00 |
| | 0.0027 | 0.00 | 100.00 | 0.00 |
| | 0.0020 | 0.00 | 100.00 | 0.00 |

| Classificazione | | AGI | ASTM |
|-----------------|---------|--------|--------|
| | ghiaia | 31.83% | 24.86% |
| | sabbia | 58.97% | 64.84% |
| | limo | 9.20% | 10.30% |
| | argilla | | |

SABBIA CON GHIAIA DEBOLMENTE LIMOSA

Parametri

D₆₀ mm 10.3

D₁₀ mm 0.75

K (cm/s) 6.E-01
 coef. di uniform. 13.73
 Coef. asimm. 0.219

LIMITI DI ATTERBERG

limite di liquidità LL= n.d.
 limite di plasticità LP= n.d.
 indice di plasticità IP= 0

CURVA GRANULOMETRICA
C4 CONCORREZZO

