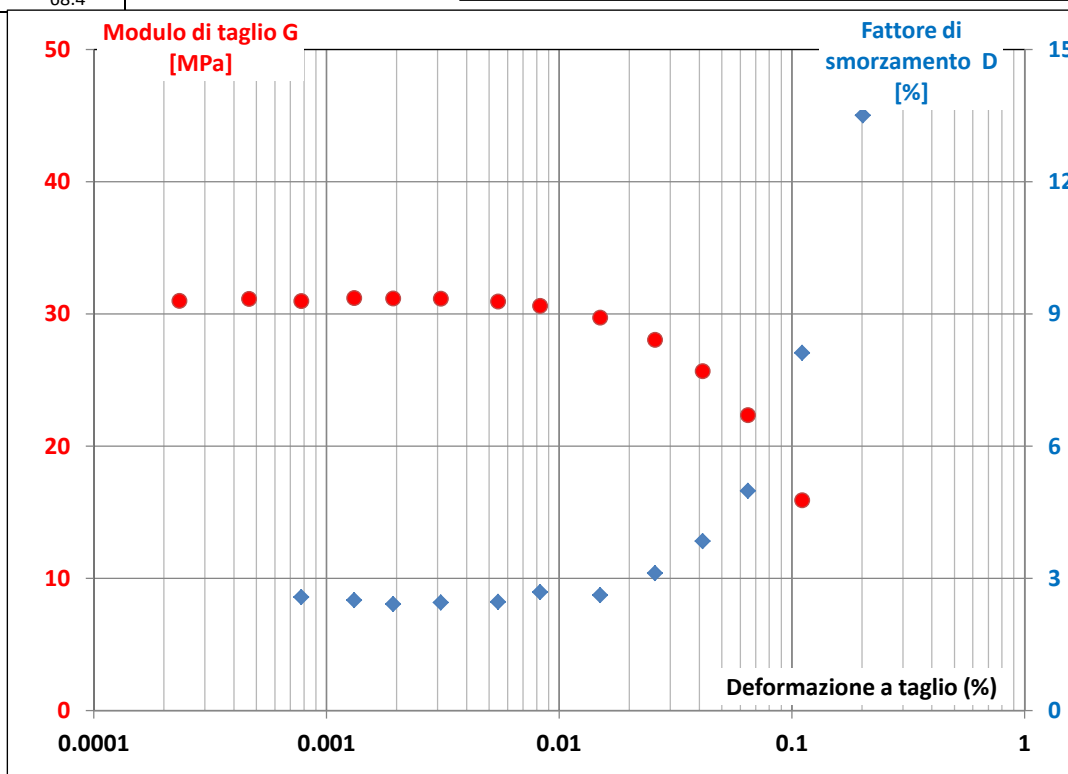
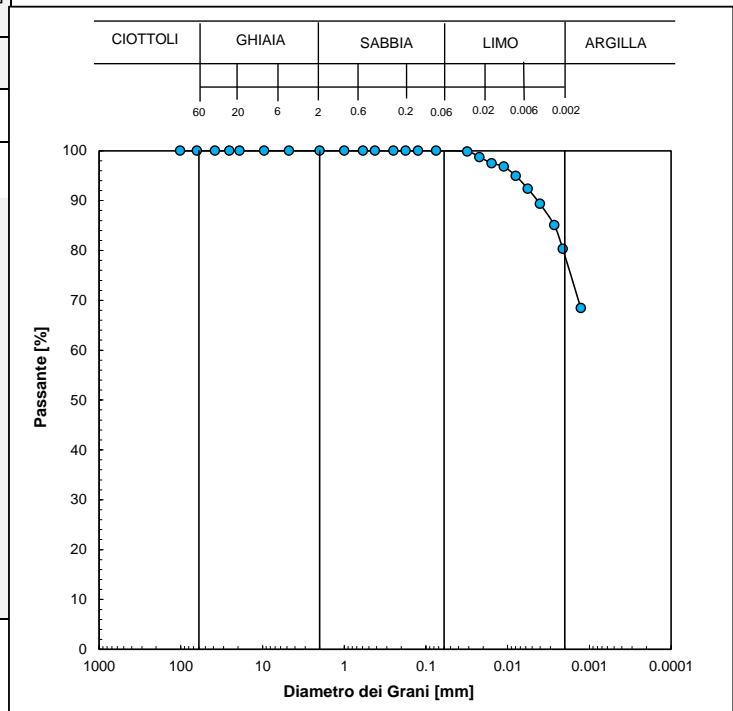


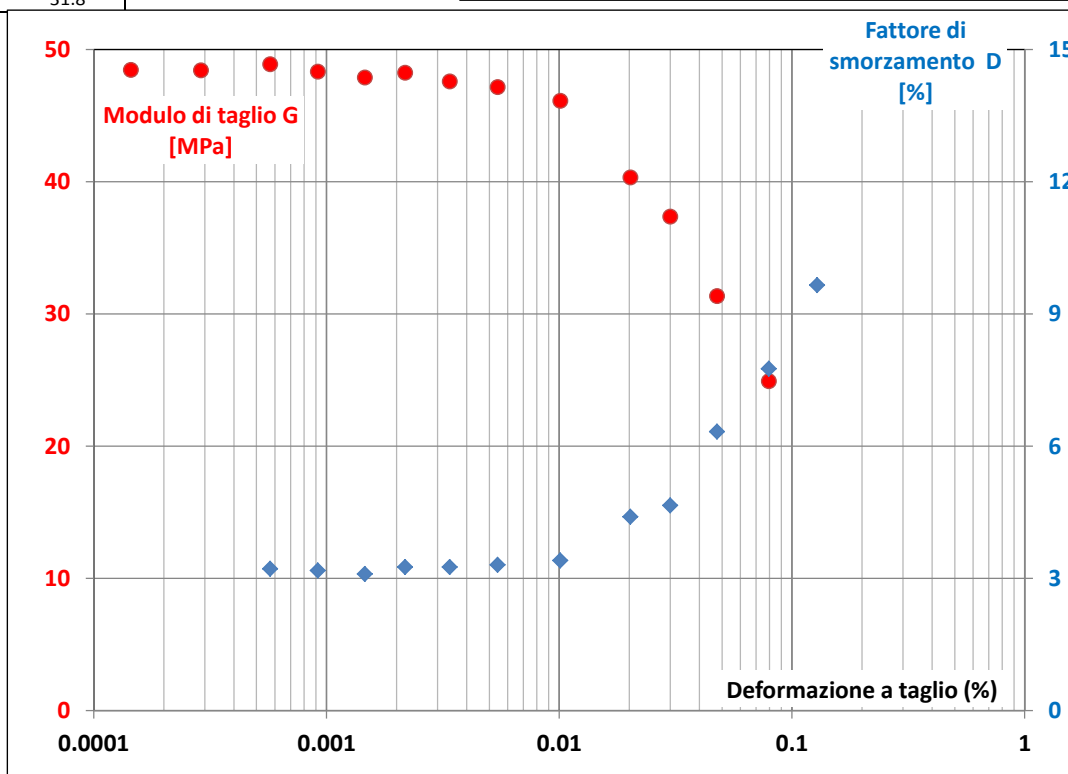
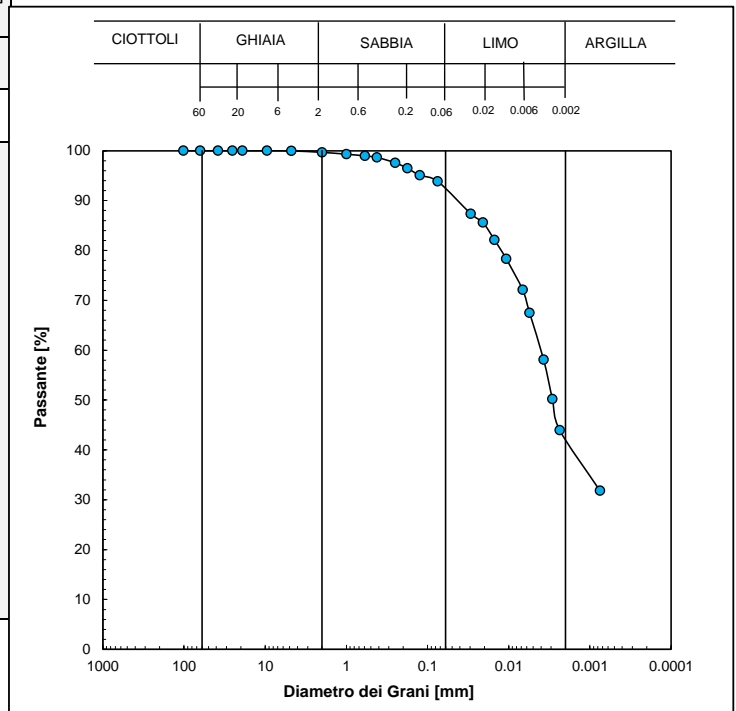
ARGILLA LIMOSA
S9_CI2_RC1 (SAN CARLO)

| Curva granulometrica | | Sabbia [%] | Limo [%] | Argilla [%] |
|----------------------|--------------|------------------------------|----------|-------------|
| Diametro [mm] | Passante [%] | 0 | 21 | 79 |
| 101.60 | 100.0 | LL [%] | LP [%] | IP [%] |
| 63.50 | 100.0 | 94 | 33 | 61 |
| 38.10 | 100.0 | | | |
| 25.40 | 100.0 | | | |
| 19.10 | 100.0 | PROVA COLONNA RISONANTE | | |
| 9.53 | 100.0 | Prof=7.5m; p'=100KPa, e=1.17 | | |
| 4.75 | 100.0 | γ (%) | G (MPa) | D (%) |
| 2.00 | 100.0 | 0.0002 | 31.0 | |
| 1.00 | 100.0 | 0.0005 | 31.1 | 2.309 |
| 0.59 | 100.0 | 0.0008 | 31.0 | 2.571 |
| 0.4200 | 100.0 | 0.0013 | 31.2 | 2.501 |
| 0.2500 | 100.0 | 0.0019 | 31.2 | 2.412 |
| 0.1770 | 100.0 | 0.0031 | 31.2 | 2.448 |
| 0.1250 | 100.0 | 0.0055 | 30.9 | 2.464 |
| 0.0750 | 100.0 | 0.0083 | 30.6 | 2.683 |
| 0.0313 | 99.8 | 0.0150 | 29.7 | 2.617 |
| 0.0222 | 98.7 | 0.0258 | 28.0 | 3.114 |
| 0.0158 | 97.5 | 0.0414 | 25.7 | 3.841 |
| 0.0112 | 96.8 | 0.0648 | 22.3 | 4.985 |
| 0.0079 | 94.9 | 0.1108 | 15.9 | 8.118 |
| 0.0057 | 92.4 | 0.2021 | 11.3 | 13.509 |
| 0.0040 | 89.4 | | | |
| 0.0027 | 85.1 | | | |
| 0.0021 | 80.3 | | | |
| 0.0013 | 68.4 | | | |



LIMO CON ARGILLA
S14_C12_RC1 (CREVALCORE)

| Curva granulometrica | | Sabbia [%] | Limo [%] | Argilla [%] |
|----------------------|--------------|-----------------------------------------|----------|-------------|
| Diametro [mm] | Passante [%] | 7 | 50 | 43 |
| 101.60 | 100.0 | LL [%] | LP [%] | IP [%] |
| 63.50 | 100.0 | 60 | 23 | 37 |
| 38.10 | 100.0 | | | |
| 25.40 | 100.0 | | | |
| 19.10 | 100.0 | PROVA COLONNA RISONANTE | | |
| 9.53 | 100.0 | Prof=10m; p ['] =90KPa, e=0.72 | | |
| 4.75 | 100.0 | γ (%) | G (MPa) | D (%) |
| 2.00 | 99.7 | 0.0001 | 48.5 | |
| 1.00 | 99.3 | 0.0003 | 48.4 | 3.490 |
| 0.59 | 99.0 | 0.0006 | 48.9 | 3.212 |
| 0.4200 | 98.7 | 0.0009 | 48.3 | 3.174 |
| 0.2500 | 97.6 | 0.0015 | 47.9 | 3.095 |
| 0.1770 | 96.5 | 0.0022 | 48.3 | 3.255 |
| 0.1250 | 95.1 | 0.0034 | 47.6 | 3.255 |
| 0.0750 | 93.9 | 0.0054 | 47.2 | 3.300 |
| 0.0293 | 87.4 | 0.0101 | 46.1 | 3.400 |
| 0.0208 | 85.6 | 0.0202 | 40.3 | 4.397 |
| 0.0150 | 82.1 | 0.0300 | 37.4 | 4.651 |
| 0.0107 | 78.3 | 0.0476 | 31.4 | 6.328 |
| 0.0067 | 72.1 | 0.0796 | 24.9 | 7.754 |
| 0.0055 | 67.5 | 0.1283 | 20.0 | 9.650 |
| 0.0037 | 58.1 | | | |
| 0.0029 | 50.2 | | | |
| 0.0024 | 44.0 | | | |
| 0.0008 | 31.8 | | | |

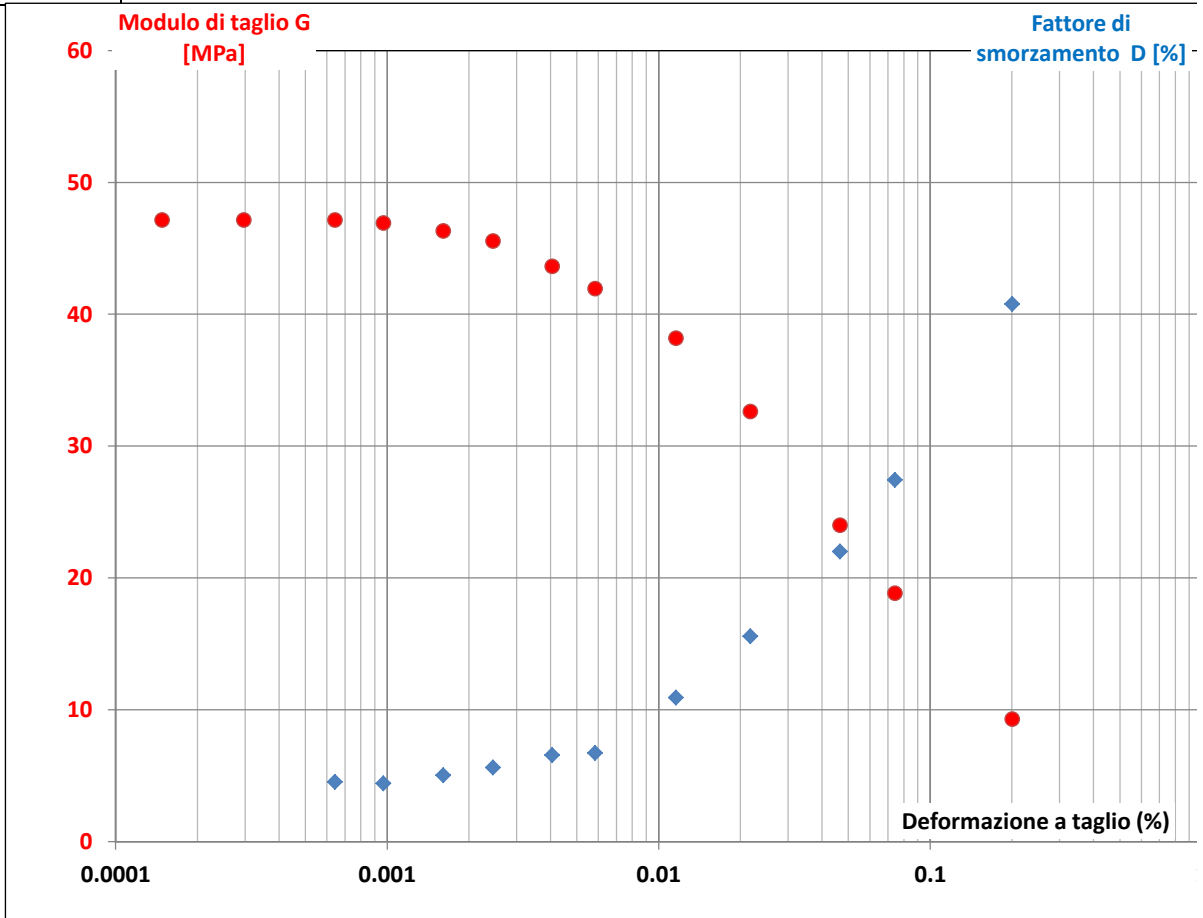
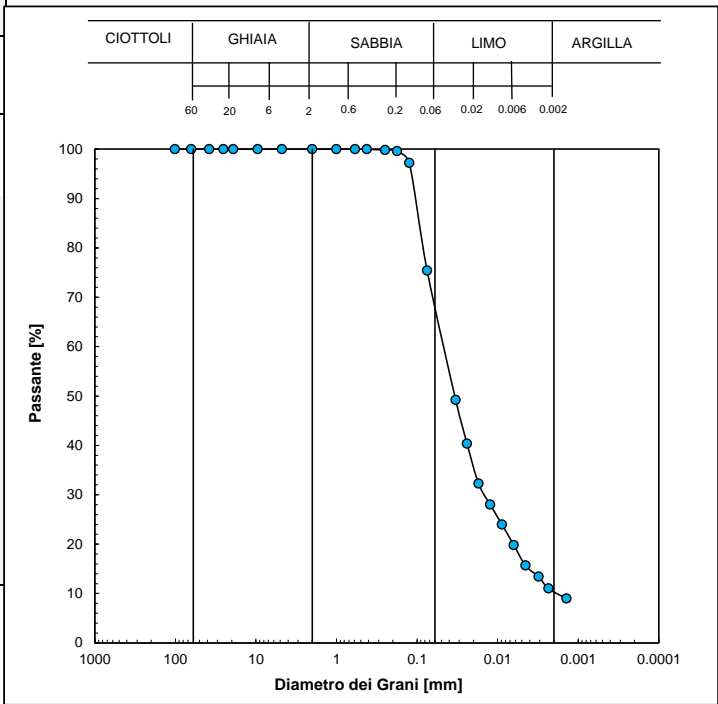


LIMO CON SABBIA ARGILLOSO

S2_C12_RC1 (SAN CARLO)

| Curva granulometrica | | Sabbia [%] | Limo [%] | Argilla [%] |
|----------------------|--------------|------------|-----------|-------------|
| Diametro [mm] | Passante [%] | 32 | 58 | 10 |
| 101.60 | 100.0 | | | |
| 63.50 | 100.0 | | | |
| 38.10 | 100.0 | | | |
| 25.40 | 100.0 | | | |
| 19.10 | 100.0 | | | |
| 9.53 | 100.0 | | | |
| 4.75 | 100.0 | | | |
| 2.00 | 100.0 | | | |
| 1.00 | 100.0 | | | |
| 0.59 | 100.0 | | | |
| 0.4200 | 100.0 | | | |
| 0.2500 | 99.8 | | | |
| 0.1770 | 99.6 | | | |
| 0.1250 | 97.2 | | | |
| 0.0750 | 75.4 | | | |
| 0.0331 | 49.2 | | | |
| 0.0240 | 40.3 | | | |
| 0.0173 | 32.3 | | | |
| 0.0124 | 28.0 | | | |
| 0.0088 | 23.9 | | | |
| 0.0063 | 19.8 | | | |
| 0.0045 | 15.6 | | | |
| 0.0031 | 13.4 | | | |
| 0.0023 | 11.0 | | | |
| 0.0014 | 9.0 | | | |

| PROVA COLONNA RISONANTE | | | |
|-----------------------------|---------|--------|--|
| Prof=6m; p'=100KPa, e=0.931 | | | |
| γ (%) | G (MPa) | D (%) | |
| 0.00015 | 47.1 | | |
| 0.00030 | 47.1 | | |
| 0.00064 | 47.1 | 1.356 | |
| 0.00097 | 46.9 | 1.324 | |
| 0.00161 | 46.3 | 1.508 | |
| 0.00245 | 45.6 | 1.685 | |
| 0.00406 | 43.6 | 1.970 | |
| 0.00583 | 41.9 | 2.016 | |
| 0.01159 | 38.2 | 3.277 | |
| 0.02178 | 32.6 | 4.671 | |
| 0.04659 | 24.0 | 6.601 | |
| 0.07419 | 18.8 | 8.231 | |
| 0.20062 | 9.3 | 12.233 | |



SABBIA LIMOSA CON TRACCE DI ARGILLA

S3_CI3_RC1 (SAN CARLO)

| Curva granulometrica | | Sabbia [%] | Limo [%] | Argilla [%] |
|--------------------------------|--------------|------------|----------|-------------|
| Diametro [mm] | Passante [%] | 86 | 10 | 3 |
| | | LL [%] | LP [%] | IP [%] |
| 101.600 | 100.0 | - | - | - |
| 63.500 | 100.0 | | | |
| 38.100 | 100.0 | | | |
| 25.400 | 100.0 | | | |
| 19.100 | 100.0 | | | |
| 9.530 | 100.0 | | | |
| PROVA COLONNA RISONANTE | | | | |
| Prof=9.5m; p'=100KPa, e=0.73 | | | | |
| | γ (%) | G (MPa) | D (%) | |
| 4.750 | 99.9 | 71.8 | | |
| 2.000 | 99.7 | 0.0001 | 71.8 | |
| 1.000 | 99.5 | 0.0002 | 71.8 | |
| 0.59 | 97.6 | 0.0003 | 71.8 | |
| 0.4200 | 85.8 | 0.0006 | 71.5 | |
| 0.2500 | 37.5 | 0.0011 | 70.7 | |
| 0.1770 | 21.8 | 0.0018 | 69.0 | |
| 0.1250 | 16.9 | 0.0033 | 66.4 | |
| 0.0750 | 14.1 | 0.0058 | 62.3 | |
| 0.0317 | 11.6 | 0.0090 | 58.8 | |
| 0.0227 | 10.6 | 0.0169 | 51.6 | |
| 0.0163 | 9.6 | 0.0331 | 38.0 | |
| 0.0117 | 8.3 | 0.0713 | 23.7 | |
| 0.0084 | 7.2 | | | |
| 0.0061 | 5.7 | | | |
| 0.0043 | 5.0 | | | |
| 0.0031 | 4.2 | | | |
| 0.0024 | 3.2 | | | |
| 0.0008 | 2.3 | | | |

