

# PROVA PENETROMETRICA STATICA n. 2

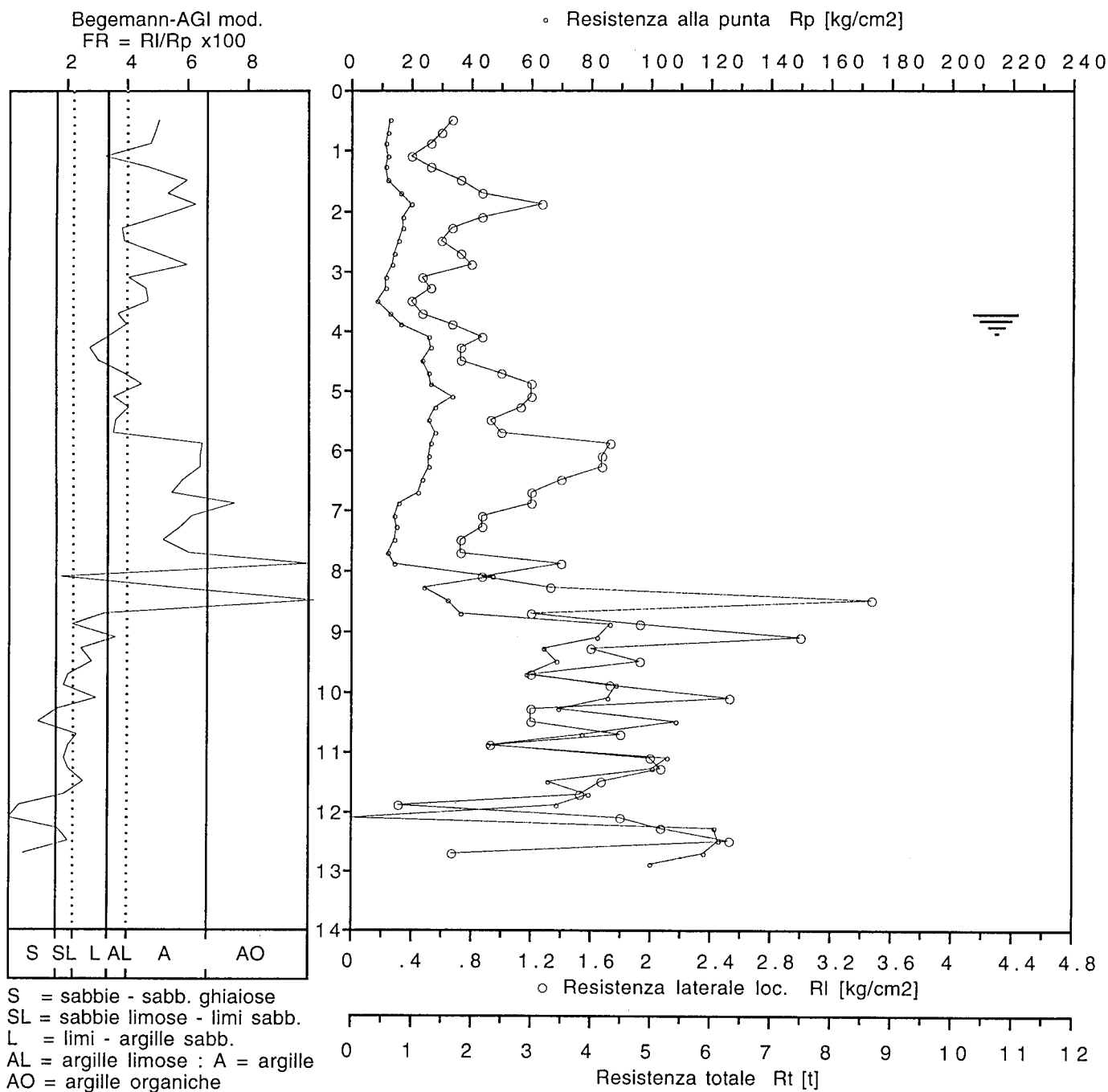
Committente : Amm.ne Comunale di S. Secondo

Localita' :

Data : 27/06/1995

6002

progr.: CPT-4.0/S



# PROVA PENETROMETRICA STATICA n. 2

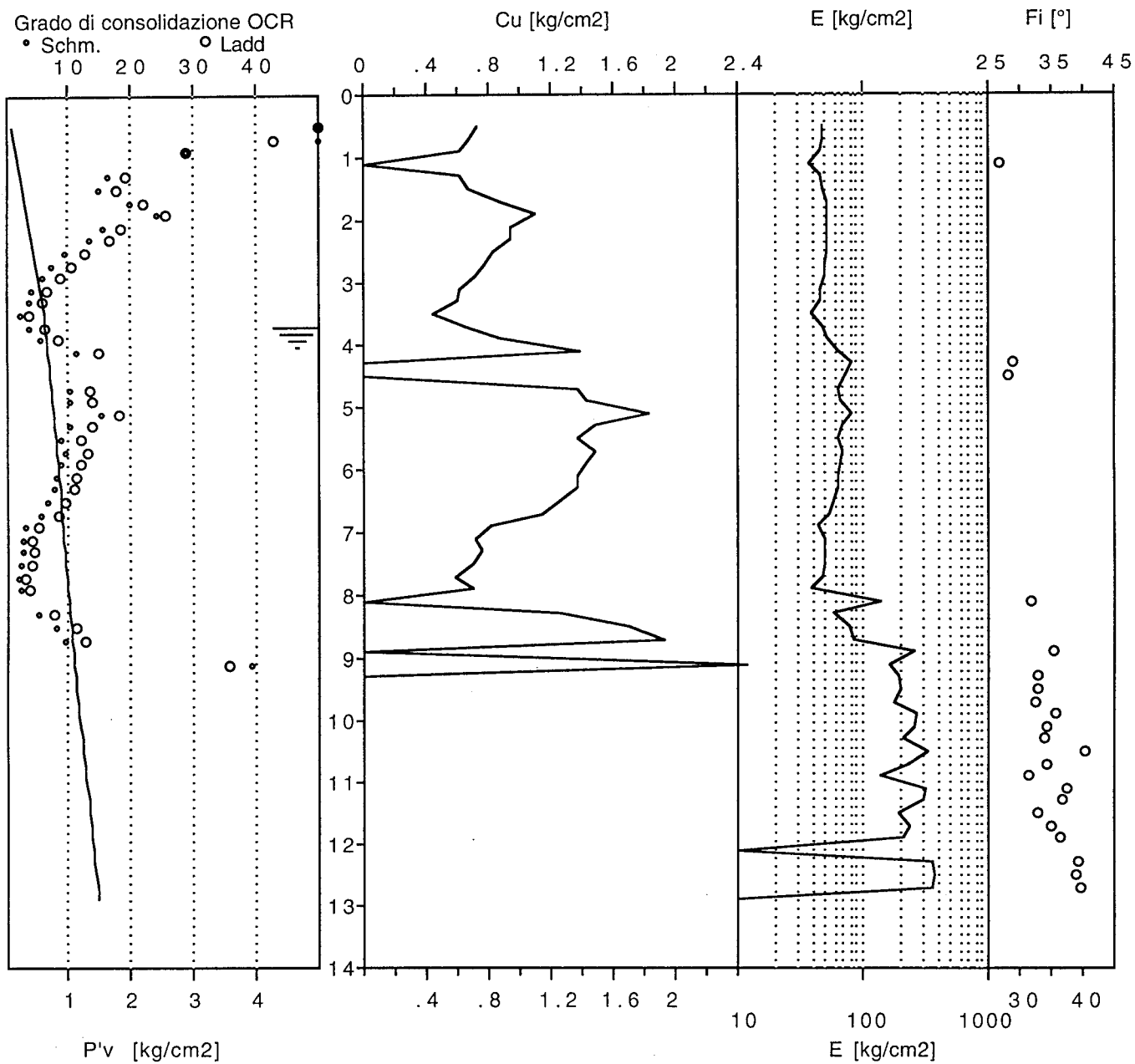
Committente : Amm.ne Comunale di S. Secondo

Localita' :

Data : 27/06/1995

Litologia : Begemann ('65) - AGI ('77), modif.

progr.: CPT-4.0/S



# PROVA PENETROMETRICA STATICA - ELABORAZIONE NUMERICA DEI RISULTATI

Committente : Amm.ne Comunale di S. Secondo

Localita' :

Impresa esecutrice :

Data : 27/06/1995

progr.: CPT-4.0/S

PROVA CPT n. : 2

## Parametri penetrometrici

Rp = resistenza alla punta [kg/cm2]  
 RI = resistenza lat. locale [kg/cm2]  
 FR = RI/Rp x 100 [ - ]  
 Rt = resistenza totale [kgf]

Quota p.c.: m

Falda a m -3.7 dal p.c.

z = prof. max. del tratto esplorato dalla base penetr.

## Parametri geotecnici stimati

g = Peso di volume [t/m3]  
 P'v = Press. vert. efficace [kg/cm2]  
 u = Press. neutra [kg/cm2]  
 E = Modulo di deform. [kg/cm2]  
 OCR = Grado di sovracons. [ - ]  
 Cu = Coesione non drenata [kg/cm2]  
 Fi = Angolo di attrito [gradi]  
 Gmax = Modulo di taglio din. [kg/cm2]

| z[m] | Rp   | RI  | FR   | Rt | g    | P'v  | u    | E   | OCR  | Cu   | Fi   | Gmax | TERRENO (AGI) |
|------|------|-----|------|----|------|------|------|-----|------|------|------|------|---------------|
| 0.4  | -    | 1.5 | -    | -  | -    | -    | -    | -   | -    | -    | -    | -    | -             |
| 0.6  | 13.1 | 0.7 | 5.1  | -  | 1.79 | 0.11 | 0.00 | 49  | > 50 | 0.72 | 0.0  | -    | ARGILLA       |
| 0.8  | 12.1 | 0.6 | 4.9  | -  | 1.78 | 0.14 | 0.00 | 47  | > 50 | 0.67 | 0.0  | -    | ARGILLA       |
| 1.0  | 11.1 | 0.5 | 4.8  | -  | 1.78 | 0.18 | 0.00 | 45  | 29.0 | 0.61 | 0.0  | -    | ARGILLA       |
| 1.2  | 12.3 | 0.4 | 3.3  | -  | 1.78 | 0.21 | 0.00 | 37  | -    | 0.00 | 26.9 | -    | LIMO-ARG.S    |
| 1.4  | 11.3 | 0.5 | 4.7  | -  | 1.78 | 0.25 | 0.00 | 45  | 16.3 | 0.61 | 0.0  | -    | ARGILLA       |
| 1.6  | 12.3 | 0.7 | 6.0  | -  | 1.78 | 0.29 | 0.00 | 47  | 14.9 | 0.67 | 0.0  | -    | ARGILLA       |
| 1.8  | 16.3 | 0.9 | 5.3  | -  | 1.80 | 0.32 | 0.00 | 51  | 20.0 | 0.89 | 0.0  | -    | ARGILLA       |
| 2.0  | 20.3 | 1.3 | 6.3  | -  | 1.81 | 0.36 | 0.00 | 51  | 24.4 | 1.11 | 0.0  | -    | ARGILLA       |
| 2.2  | 17.4 | 0.9 | 5.0  | -  | 1.80 | 0.39 | 0.00 | 51  | 15.7 | 0.94 | 0.0  | -    | ARGILLA       |
| 2.4  | 17.4 | 0.7 | 3.8  | -  | 1.80 | 0.43 | 0.00 | 51  | 13.5 | 0.94 | 0.0  | -    | ARG.LIM.      |
| 2.6  | 15.4 | 0.6 | 3.9  | -  | 1.80 | 0.47 | 0.00 | 51  | 9.6  | 0.83 | 0.0  | -    | ARG.LIM.      |
| 2.8  | 14.4 | 0.7 | 5.1  | -  | 1.79 | 0.50 | 0.00 | 50  | 7.6  | 0.77 | 0.0  | -    | ARGILLA       |
| 3.0  | 13.4 | 0.8 | 6.0  | -  | 1.79 | 0.54 | 0.00 | 49  | 6.0  | 0.71 | 0.0  | -    | ARGILLA       |
| 3.2  | 11.5 | 0.5 | 4.1  | -  | 1.78 | 0.57 | 0.00 | 46  | 4.3  | 0.61 | 0.0  | -    | ARGILLA       |
| 3.4  | 11.5 | 0.5 | 4.6  | -  | 1.78 | 0.61 | 0.00 | 46  | 3.9  | 0.61 | 0.0  | -    | ARGILLA       |
| 3.6  | 8.5  | 0.4 | 4.7  | -  | 1.77 | 0.64 | 0.00 | 38  | 2.4  | 0.44 | 0.0  | -    | ARGILLA       |
| 3.8  | 12.5 | 0.5 | 3.7  | -  | 1.79 | 0.66 | 0.01 | 48  | 3.9  | 0.66 | 0.0  | -    | ARG.LIM.      |
| 4.0  | 16.5 | 0.7 | 4.0  | -  | 1.80 | 0.68 | 0.03 | 51  | 5.8  | 0.88 | 0.0  | -    | ARGILLA       |
| 4.2  | 25.7 | 0.9 | 3.4  | -  | 1.83 | 0.69 | 0.05 | 63  | 11.6 | 1.38 | 0.0  | -    | ARG.LIM.      |
| 4.4  | 26.7 | 0.7 | 2.8  | -  | 1.84 | 0.71 | 0.07 | 80  | -    | 0.00 | 28.8 | -    | LIMO-ARG.S    |
| 4.6  | 23.7 | 0.7 | 3.1  | -  | 1.83 | 0.73 | 0.09 | 71  | -    | 0.00 | 28.2 | -    | LIMO-ARG.S    |
| 4.8  | 25.7 | 1.0 | 3.9  | -  | 1.83 | 0.74 | 0.11 | 63  | 10.2 | 1.38 | 0.0  | -    | ARG.LIM.      |
| 5.0  | 26.7 | 1.2 | 4.5  | -  | 1.84 | 0.76 | 0.13 | 65  | 10.5 | 1.43 | 0.0  | -    | ARGILLA       |
| 5.2  | 33.8 | 1.2 | 3.6  | -  | 1.86 | 0.78 | 0.15 | 81  | 15.2 | 1.83 | 0.0  | -    | ARG.LIM.      |
| 5.4  | 27.8 | 1.1 | 4.1  | -  | 1.84 | 0.79 | 0.17 | 68  | 10.4 | 1.49 | 0.0  | -    | ARGILLA       |
| 5.6  | 25.8 | 0.9 | 3.6  | -  | 1.83 | 0.81 | 0.19 | 63  | 8.9  | 1.38 | 0.0  | -    | ARG.LIM.      |
| 5.8  | 27.8 | 1.0 | 3.6  | -  | 1.84 | 0.83 | 0.21 | 68  | 9.7  | 1.49 | 0.0  | -    | ARG.LIM.      |
| 6.0  | 26.8 | 1.7 | 6.5  | -  | 1.84 | 0.84 | 0.23 | 66  | 8.8  | 1.43 | 0.0  | -    | ARGILLA       |
| 6.2  | 25.9 | 1.7 | 6.4  | -  | 1.83 | 0.86 | 0.25 | 64  | 8.1  | 1.38 | 0.0  | -    | ARGILLA       |
| 6.4  | 25.9 | 1.7 | 6.4  | -  | 1.83 | 0.88 | 0.27 | 64  | 7.8  | 1.38 | 0.0  | -    | ARGILLA       |
| 6.6  | 23.9 | 1.4 | 5.9  | -  | 1.83 | 0.89 | 0.29 | 59  | 6.6  | 1.26 | 0.0  | -    | ARGILLA       |
| 6.8  | 21.9 | 1.2 | 5.5  | -  | 1.82 | 0.91 | 0.31 | 55  | 5.6  | 1.15 | 0.0  | -    | ARGILLA       |
| 7.0  | 15.9 | 1.2 | 7.5  | -  | 1.80 | 0.93 | 0.33 | 44  | 3.3  | 0.81 | 0.0  | -    | ARG.ORG.      |
| 7.2  | 14.0 | 0.9 | 6.2  | -  | 1.79 | 0.94 | 0.35 | 50  | 2.7  | 0.71 | 0.0  | -    | ARGILLA       |
| 7.4  | 15.0 | 0.9 | 5.8  | -  | 1.79 | 0.96 | 0.37 | 51  | 2.9  | 0.76 | 0.0  | -    | ARGILLA       |
| 7.6  | 14.0 | 0.7 | 5.2  | -  | 1.79 | 0.97 | 0.39 | 50  | 2.6  | 0.70 | 0.0  | -    | ARGILLA       |
| 7.8  | 12.0 | 0.7 | 6.1  | -  | 1.78 | 0.99 | 0.41 | 47  | 2.0  | 0.59 | 0.0  | -    | ARGILLA       |
| 8.0  | 14.0 | 1.4 | 10.0 | -  | 1.79 | 1.00 | 0.43 | 39  | 2.4  | 0.70 | 0.0  | -    | ARG.ORG.      |
| 8.2  | 47.2 | 0.9 | 1.8  | -  | 1.91 | 1.02 | 0.45 | 142 | -    | 0.00 | 31.8 | -    | SABBIA LIM.   |
| 8.4  | 24.2 | 1.3 | 5.5  | -  | 1.83 | 1.04 | 0.47 | 60  | 5.2  | 1.26 | 0.0  | -    | ARGILLA       |

|      |       |     |      |   |      |      |      |     |      |      |      |     |             |
|------|-------|-----|------|---|------|------|------|-----|------|------|------|-----|-------------|
| 8.6  | 32.2  | 3.5 | 10.8 | - | 1.86 | 1.06 | 0.49 | 78  | 8.1  | 1.70 | 0.0  | -   | ARG. ORG.   |
| 8.8  | 36.2  | 1.2 | 3.3  | - | 1.87 | 1.07 | 0.51 | 86  | 9.6  | 1.92 | 0.0  | -   | ARG.LIM.    |
| 9.0  | 86.2  | 1.9 | 2.2  | - | 2.05 | 1.10 | 0.53 | 259 | -    | 0.00 | 35.3 | -   | LIMO-ARG.S  |
| 9.2  | 82.3  | 3.0 | 3.6  | - | 2.04 | 1.12 | 0.55 | 165 | 39.2 | 4.48 | 0.0  | -   | ARG.LIM.    |
| 9.4  | 64.3  | 1.6 | 2.5  | - | 1.97 | 1.14 | 0.57 | 193 | -    | 0.00 | 32.8 | -   | LIMO-ARG.S  |
| 9.6  | 68.3  | 1.9 | 2.8  | - | 1.99 | 1.15 | 0.59 | 205 | -    | 0.00 | 32.9 | -   | LIMO-ARG.S  |
| 9.8  | 58.3  | 1.2 | 2.1  | - | 1.95 | 1.17 | 0.61 | 175 | -    | 0.00 | 32.7 | -   | LIMO SABB.  |
| 10.0 | 88.3  | 1.7 | 2.0  | - | 2.06 | 1.20 | 0.63 | 265 | -    | 0.00 | 35.7 | -   | LIMO SABB.  |
| 10.2 | 85.4  | 2.5 | 3.0  | - | 2.05 | 1.22 | 0.65 | 256 | -    | 0.00 | 34.5 | -   | LIMO-ARG.S  |
| 10.4 | 69.4  | 1.2 | 1.7  | - | 1.99 | 1.24 | 0.67 | 208 | -    | 0.00 | 34.1 | -   | SABBIA LIM. |
| 10.6 | 108.4 | 1.2 | 1.1  | - | 2.13 | 1.26 | 0.69 | 325 | -    | 0.00 | 40.4 | 874 | SABBIA      |
| 10.8 | 77.4  | 1.8 | 2.3  | - | 2.02 | 1.28 | 0.71 | 232 | -    | 0.00 | 34.3 | -   | LIMO-ARG.S  |
| 11.0 | 45.4  | 0.9 | 2.1  | - | 1.90 | 1.30 | 0.73 | 136 | -    | 0.00 | 31.4 | -   | LIMO SABB.  |
| 11.2 | 105.6 | 2.0 | 1.9  | - | 2.12 | 1.32 | 0.75 | 317 | -    | 0.00 | 37.5 | -   | SABBIA LIM. |
| 11.4 | 100.6 | 2.1 | 2.1  | - | 2.10 | 1.34 | 0.77 | 302 | -    | 0.00 | 36.9 | -   | LIMO SABB.  |
| 11.6 | 65.6  | 1.7 | 2.5  | - | 1.98 | 1.36 | 0.79 | 197 | -    | 0.00 | 32.9 | -   | LIMO-ARG.S  |
| 11.8 | 79.6  | 1.5 | 1.9  | - | 2.03 | 1.38 | 0.81 | 239 | -    | 0.00 | 34.9 | -   | LIMO SABB.  |
| 12.0 | 68.6  | 0.3 | 0.5  | - | 1.99 | 1.40 | 0.83 | 206 | -    | 0.00 | 36.6 | 660 | SABBIA      |
| 12.2 | -     | 1.8 | -    | - | 1.90 | 1.42 | 0.85 | -   | -    | -    | -    | -   | -           |
| 12.4 | 121.7 | 2.1 | 1.7  | - | 2.18 | 1.44 | 0.87 | 365 | -    | 0.00 | 39.3 | -   | SABBIA LIM. |
| 12.6 | 122.7 | 2.5 | 2.1  | - | 2.18 | 1.47 | 0.89 | 368 | -    | 0.00 | 39.1 | -   | LIMO SABB.  |
| 12.8 | 117.7 | 0.7 | 0.6  | - | 2.16 | 1.49 | 0.91 | 353 | -    | 0.00 | 39.8 | 918 | SABBIA      |
| 13.0 | 99.7  | -   | -    | - | 2.10 | 1.51 | 0.93 | 299 | -    | -    | -    | -   | -           |

