RAGUSA

CATANIA

SG15

BS162

Ril stradale

SE222_A km 15+512

P3 P186 km 15+564

BS163

P3 S172d km 15+680

T2

T2 bis

Limite investigato

Pvi-R1

Pvi-GG

qt

S08bis km 16+080

Riporto

BS164

BS165

P1 P193 km16+412

P2 S174d km 16+414

S173g km 16+381

SG14

SG16

M076

64

Ril stradale

Limite investigato

Pvi-GG

Qt

Pvi-R1

2.85

LOTTO 3 Asse SX (CT-RG)

Direzione CT-RG

Altezze 1: 200

Lunghezze 1: 2000

Q.RIF. 310.00

unità geotecnica	litotipo	γ (kN/m3)	σ_c (MPa)	RQD (-)	GSI (-)	c' (kPa)	φ' (°)	c_u (kPa)	E (MPa)	OCR
R	rilevato esistente	17 ÷ 18	-	-	-	0	33 ÷ 35	-	20	-
TR	terreno di riporto	16	-	-	-	0	29	-	10	-
ec	terreni a grana grossa	16	-	-	-	0	22	-	5	-
dt	terreni a grana grossa	18	-	-	-	-	35	-	10	-
a-GG	terreni a grana grossa	19 ÷ 21	-	-	-	0	38 ÷ 44	-	40	-
ar	terreni a grana grossa	18	-	-	-	0	38 ÷ 40	-	25 ÷ 40	-
p	terreni a grana fine	16 ÷ 19	-	-	-	10	18 ÷ 22	150 ÷ 250	10 ÷ 60	15
Qt	terreni a grana grossa	17	-	-	-	0	25	-	≥ 10	-
Qcs	terreni a grana grossa	19 ÷ 21	-	-	-	0	38 ÷ 42	-	50 ÷ 150	-
Qc(b)	argille siltoso - marnose	17	-	-	-	28	16	110	12	-
Pv-R	roccia vulcanica	21 ÷ 23	5 ÷ 30	42	40 ÷ 53	-	-	-	80 ÷ 300	-
Pvs-GF	depositi argillosi	17 ÷ 19	-	-	-	25 ÷ 30	25 ÷ 30	150 ÷ 300	20 ÷ 100	5 ÷ 15
Pvs-GG	depositi a grana grossa	18 ÷ 19	-	-	-	0	39 ÷ 41	-	70 ÷ 150	-
Ppw-R	roccia vulcanica	21	5 ÷ 60	58	47 ÷ 64	-	-	-	200 ÷ 400	-
V-S1 (Ppw-GG e Pv-GG)	terreni a grana grossa	17 ÷ 19	-	-	-	0	40 ÷ 44	-	40 ÷ 100	-
Pvi-GG	terreni a grana grossa	15.5 ÷ 20	-	-	-	0	44	-	75 ÷ 150	-
Pvi-R2	roccia vulcanica	21 ÷ 28	30 ÷ 80	40	50	-	-	-	150 ÷ 700	-
Pvi-R1	roccia vulcanica alterata	15.5 ÷ 17	2 ÷ 4	30	50	-	-	-	100 ÷ 200	-
Pm	terreni a grana fine	17 ÷ 20	-	-	-	20 ÷ 30	25 ÷ 28	150 ÷ 250	10 ÷ 200	3 ÷ 20
Mg	roccia	18 ÷ 20	5	67	47 ÷ 60	-	-	-	100 ÷ 400	-
Mg in faglia	roccia intensamente fratturata	18 ÷ 20	2,5	35	33 ÷ 42	-	-	-	100 ÷ 200	-
Mv	roccia vulcanica	22	19	15	30 ÷ 45	-	-	-	≥150	-
Mm	terreni a grana fine	17,5 ÷ 19	-	-	-	10 ÷ 20	25-28	100 ÷ 250	20 ÷ 200	1 ÷ 15

NUMERO SEZIONI: 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859

DISTANZE PROGRESSIVE: 14975.67 14999.69 15015.71 15031.80 15056.76 15078.97 15099.81 15120.13 15150.85 15175.90 15196.91 15215.93 15245.96 15265.96 15275.97 15295.99 15318.00 15338.01 15358.01 15378.02 15398.02 15418.03 15438.03 15458.03 15478.03 15498.53 15518.53 15538.03 15558.03 15578.03 15598.03 15618.03 15638.03 15658.03 15678.03 15698.03 15718.03 15738.03 15758.03 15774.29 15798.03 15818.04 15838.04 15858.05 15878.07 15898.08 15916.10 15938.12 15956.15 15976.18 15996.21 16007.82 16026.27 16056.31 16078.34 16098.37 16118.44 16138.44 16158.47 16176.51 16196.54 16216.57 16236.61 16256.64 16276.67 16303.80 16316.74 16338.77 16358.81 16378.84 16398.87 16418.91 16438.94 16458.97 16477.01 16503.43 16522.54 16542.67 16557.77 16577.79 16599.79 16617.24 16637.27 16657.29 16677.32 16697.34 16717.36

DISTANZE PARZIALI: 0.02 20.02 20.02 16.09 23.96 20.21 19.84 24.32 18.72 20.02 20.02 20.02 20.02 20.02 20.01 20.01 20.01 20.01 20.01 20.01 20.01 20.00 20.00 20.00 20.00 20.00 17.62 19.88 25.00 20.00 17.50 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 18.26 21.74 20.00 20.01 20.01 20.01 20.02 20.02 20.02 20.02 20.03 20.03 11.61 28.46 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 27.13 3.68 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 20.03 25.43 20.11 25.13 20.11 19.42 3.68 17.44 20.03 20.03 20.02 20.02 20.02 20

QUOTE PROGETTO: 426.88 426.30 425.71 425.22 424.47 423.82 423.15 422.32 421.76 421.04 420.29 419.53 418.74 417.94 417.12 416.28 415.42 414.55 413.65 412.73 411.80 410.85 409.87 408.88 407.89 406.97 405.66 404.59 403.64 402.53 401.41 400.26 399.10 397.92 396.73 395.54 394.35 393.16 391.97 390.78 389.69 388.40 387.21 386.02 384.83 383.64 382.45 381.26 380.06 378.87 377.68 376.49 375.80 374.16 373.05 371.98 370.95 369.97 369.02 368.11 367.25 366.42 365.63 364.89 364.18 363.51 362.88 362.30 361.76 361.25 360.79 360.36 359.98 359.63 359.33 359.06 358.79 358.61 358.44 358.32 358.20 358.10 358.02 357.95 357.89 357.84 357.78 357.73 357.68 357.63 357.58 357.53 357.48 357.43 357.38 357.34 357.29 357.25

QUOTE TERRENO: 428.87 426.01 425.60 424.71 423.50 422.49 421.14 419.57 419.29 420.81 419.53 418.74 417.94 417.12 416.28 415.42 414.55 413.65 412.73 411.80 410.85 409.87 408.88 407.89 406.97 405.66 404.59 403.64 402.53 401.41 400.26 399.10 397.92 396.73 395.54 394.35 393.16 391.97 390.78 389.69 388.40 387.21 386.02 384.83 383.64 382.45 381.26 380.06 378.87 377.68 376.49 375.80 374.16 373.05 371.98 370.95 369.97 369.02 368.11 367.25 366.42 365.63 364.89 364.18 363.51 362.88 362.30 361.76 361.25 360.79 360.36 359.98 359.63 359.33 359.06 358.79 358.61 358.44 358.32 358.20 358.10 358.02 357.95 357.89 357.84 357.78 357.73 357.68 357.63 357.58 357.53 357.48 357.43 357.38 357.34 357.29 357.25

DIFFERENZA QUOTA P/T: 0.01 0.30 0.27 -0.86 -0.24 0.32 0.66 1.18 1.38 1.47 1.00 -1.28 -1.61 -1.84 -2.25 -2.66 -3.04 -3.32 -3.47 -3.65 -3.71 -3.17 -3.39 -3.41 -3.62 -4.36 -4.85 -5.21 -5.65 -5.60 -5.47 -5.56 -5.58 -5.51 -5.59 -5.64 -5.78 -5.73 -5.31 -4.81 -4.33 -3.97 -3.96 -3.73 -3.42 -3.17 -2.89 -2.40 -2.02 -1.68 -1.29 -0.85 -0.42 0.01 0.39 0.72 0.96 1.13 1.21 1.24 1.23 1.19 1.13 1.06 0.98 0.89 0.79 0.69 0.58 0.46 0.33 0.20 0.06 -0.08 -0.22 -0.36 -0.50 -0.64 -0.78 -0.91 -1.04 -1.16 -1.28 -1.39 -1.50 -1.60 -1.70 -1.79 -1.87 -1.95 -2.02 -2.08 -2.14 -2.19 -2.23 -2.26 -2.29 -2.31 -2.33 -2.34 -2.35 -2.35 -2.35 -2.35 -2.34 -2.33 -2.32 -2.30 -2.28 -2.26 -2.24 -2.21 -2.18 -2.15 -2.11

ETTOMETRICHE: 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167

ANDAMENTO PLANIMETRICO: L=88.31 R=3003.50; A=1001.19 L=333.74; L=320.23; A=701.00 L=253.74; L=991.95 R=2103.50; A=701.00 L=253.74

ANDAMENTO CIGLI: -2.87% -2.87% -2.87%