PROVA PENETROMETRICA STATICA

Committente: VEGLIO' ADRIANA
Cantiere: VARIANTE URBANISTICA
Località: PIAN DI ROSE

Caratteristiche Strumentali PAGANI TG 63 (200 kN)

Rif. Norme	ASTM D3441-86
Diametro Punta conica meccanica (mm)	35,7
Angolo di apertura punta (°)	60
Area punta	10
Superficie manicotto	150
Passo letture (cm)	20
Costante di trasformazione Ct	10

PROVA ... Nr.1

Strumento utilizzato... PAGANI TG 63 (200 kN)
Prova eseguita in data 17/01/2006
Profondità prova 4,00 mt

Profondità (m)	Lettura punta (Kg/cm²)	Lettura laterale (Kg/cm²)	qc (Kg/cm²)	fs (Kg/cm²)	qc/fs Begemann	fs/qcx100 (Schmertmann)
0,20	0,0	0,0	0,0	0,0		
0,40	0,0	0,0	0,0	0,1333	0,0	
0,60	14,0	16,0	14,0	0,1333	105,03	0,95
0,80	10,0	12,0	10,0	0,8667	11,54	8,67
1,00	17,0	30,0	17,0	0,3333	51,01	1,96
1,20	26,0	31,0	26,0	1,5333	16,96	5,9
1,40	22,0	45,0	22,0	1,8	12,22	8,18
1,60	25,0	52,0	25,0	1,6667	15,0	6,67
1,80	14,0	39,0	14,0	1,4	10,0	10,0
2,00	23,0	44,0	23,0	2,1333	10,78	9,28
2,20	29,0	61,0	29,0	1,9333	15,0	6,67
2,40	39,0	68,0	39,0	2,7333	14,27	7,01
2,60	32,0	73,0	32,0	2,9333	10,91	9,17
2,80	29,0	73,0	29,0	1,6	18,13	5,52
3,00	24,0	48,0	24,0	1,9333	12,41	8,06
3,20	24,0	53,0	24,0	2,7333	8,78	11,39
3,40	38,0	79,0	38,0	1,4	27,14	3,68
3,60	38,0	59,0	38,0	3,3333	11,4	8,77
3,80	191,0	241,0	191,0	3,9333	48,56	2,06
4,00	201,0	260,0	201,0	0,0		0,0

PROVA ... Nr.2

Strumento utilizzato... PAGANI TG 63 (200 kN)
Prova eseguita in data 17/01/2006
Profondità prova 6,60 mt

Profondità (m)	Lettura punta (Kg/cm²)	Lettura laterale (Kg/cm²)	qc (Kg/cm²)	fs (Kg/cm²)	qc/fs Begemann	fs/qcx100 (Schmertmann)
0,20	0,0	0,0	0,0	0,0		
0,40	0,0	0,0	0,0	0,1333	0,0	
0,60	7,0	9,0	7,0	0,2667	26,25	3,81
0,80	17,0	21,0	17,0	0,4	42,5	2,35
1,00	38,0	44,0	38,0	0,6	63,33	1,58
1,20	46,0	55,0	46,0	1,2667	36,31	2,75
1,40	45,0	64,0	45,0	1,6	28,13	3,56
1,60	29,0	53,0	29,0	1,8667	15,54	6,44
1,80	28,0	56,0	28,0	2,4	11,67	8,57
2,00	23,0	59,0	23,0	1,8	12,78	7,83
2,20	20,0	47,0	20,0	1,6	12,5	8,0
2,40	23,0	47,0	23,0	1,6	14,38	6,96
2,60	30,0	54,0	30,0	2,0	15,0	6,67
2,80	37,0	67,0	37,0	2,3333	15,86	6,31
3,00	34,0	69,0	34,0	2,4	14,17	7,06
3,20	33,0	69,0	33,0	1,2667	26,05	3,84
3,40	37,0	56,0	37,0	1,4	26,43	3,78
3,60	42,0	63,0	42,0	1,6	26,25	3,81
3,80	55,0	79,0	55,0	1,6	34,38	2,91
4,00	44,0	68,0	44,0	1,3333	33,0	3,03
4,20	26,0	46,0	26,0	0,8	32,5	3,08
4,40	36,0	48,0	36,0	0,6	60,0	1,67
4,60	47,0	56,0	47,0	0,8	58,75	1,7
4,80	28,0	40,0	28,0	0,7333	38,18	2,62
5,00	25,0	36,0	25,0	0,7333	34,09	2,93
5,20	16,0	27,0	16,0	0,4	40,0	2,5
5,40	16,0	22,0	16,0	0,4667	34,28	2,92
5,60	23,0	30,0	23,0	3,2	7,19	13,91
5,80	74,0	122,0	74,0	0,6	123,33	0,81
6,00	191,0	200,0	191,0	1,5333	124,57	0,8
6,20	207,0	230,0	207,0	1,6	129,38	0,77
6,40	201,0	225,0	201,0	1,6	125,63	0,8
6,60	201,0	225,0	201,0	0,0		0,0

PROVA ... Nr.3

Strumento utilizzato... PAGANI TG 63 (200 kN)
Prova eseguita in data 17/01/2006
Profondità prova 8,00 mt

Profondità (m)	Lettura punta (Kg/cm²)	Lettura laterale (Kg/cm²)	qc (Kg/cm²)	fs (Kg/cm²)	qc/fs Begemann	fs/qcx100 (Schmertmann)
0,20	0,0	0,0	0,0	0,0		
0,40	0,0	0,0	0,0	0,0667	0,0	
0,60	5,0	6,0	5,0	0,0667	74,96	1,33
0,80	12,0	13,0	12,0	0,3333	36,0	2,78
1,00	20,0	25,0	20,0	1,4667	13,64	7,33
1,20	13,0	35,0	13,0	1,8	7,22	13,85
1,40	20,0	47,0	20,0	1,0	20,0	5,0
1,60	28,0	43,0	28,0	2,2	12,73	7,86
1,80	31,0	64,0	31,0	1,2667	24,47	4,09
2,00	46,0	65,0	46,0	1,6	28,75	3,48
2,20	36,0	60,0	36,0	3,0	12,0	8,33
2,40	42,0	87,0	42,0	3,2667	12,86	7,78
2,60	38,0	87,0	38,0	3,0	12,67	7,89
2,80	60,0	105,0	60,0	3,5333	16,98	5,89
3,00	78,0	131,0	78,0	4,4667	17,46	5,73
3,20	56,0	123,0	56,0	4,1333	13,55	7,38
3,40	39,0	101,0	39,0	3,6	10,83	9,23
3,60	51,0	105,0	51,0	2,1333	23,91	4,18
3,80	36,0	68,0	36,0	2,0667	17,42	5,74
4,00	32,0	63,0	32,0	2,2667	14,12	7,08
4,20	48,0	82,0	48,0	2,4	20,0	5,0
4,40	41,0	77,0	41,0	5,2	7,88	12,68
4,60	55,0	133,0	55,0	2,6667	20,62	4,85
4,80	60,0	100,0	60,0	2,9333	20,45	4,89
5,00	61,0	105,0	61,0	3,4667	17,6	5,68
5,20	58,0	110,0	58,0	3,0	19,33	5,17
5,40	48,0	93,0	48,0	1,0667	45,0	2,22
5,60	162,0	178,0	162,0	3,8	42,63	2,35
5,80	71,0	128,0	71,0	1,2	59,17	1,69
6,00	97,0	115,0	97,0	4,4667	21,72	4,6
6,20	110,0	177,0	110,0	3,2667	33,67	2,97
6,40	201,0	250,0	201,0	4,2	47,86	2,09
6,60	142,0	205,0	142,0	5,1333	27,66	3,62
6,80	102,0	179,0	102,0	4,5333	22,5	4,44
7,00	128,0	196,0	128,0	5,0667	25,26	3,96
7,20	122,0	198,0	122,0	7,2	16,94	5,9
7,40	98,0	206,0	98,0	1,9333	50,69	1,97
7,60	201,0	230,0	201,0	1,9333	103,97	0,96
7,80	201,0	230,0	201,0	1,9333	103,97	0,96
8,00	201,0	230,0	201,0	0,0		0,0