

Lampiran 2 Data Tanah Dasar

CONE PENETRATION TEST (2 TON)						
Project	: Paket-1 Pembangunan Jalan Tol Solo-Kertosono Seksi 1			Weather	:	
Location	: Ngesrep, Sobokerto, Ngemplak, Boyolali			Date	: 27 Oktober 2016	
Test no.	: S1			Tested by	: Idin	
Elevation	:			M.A.T	:	

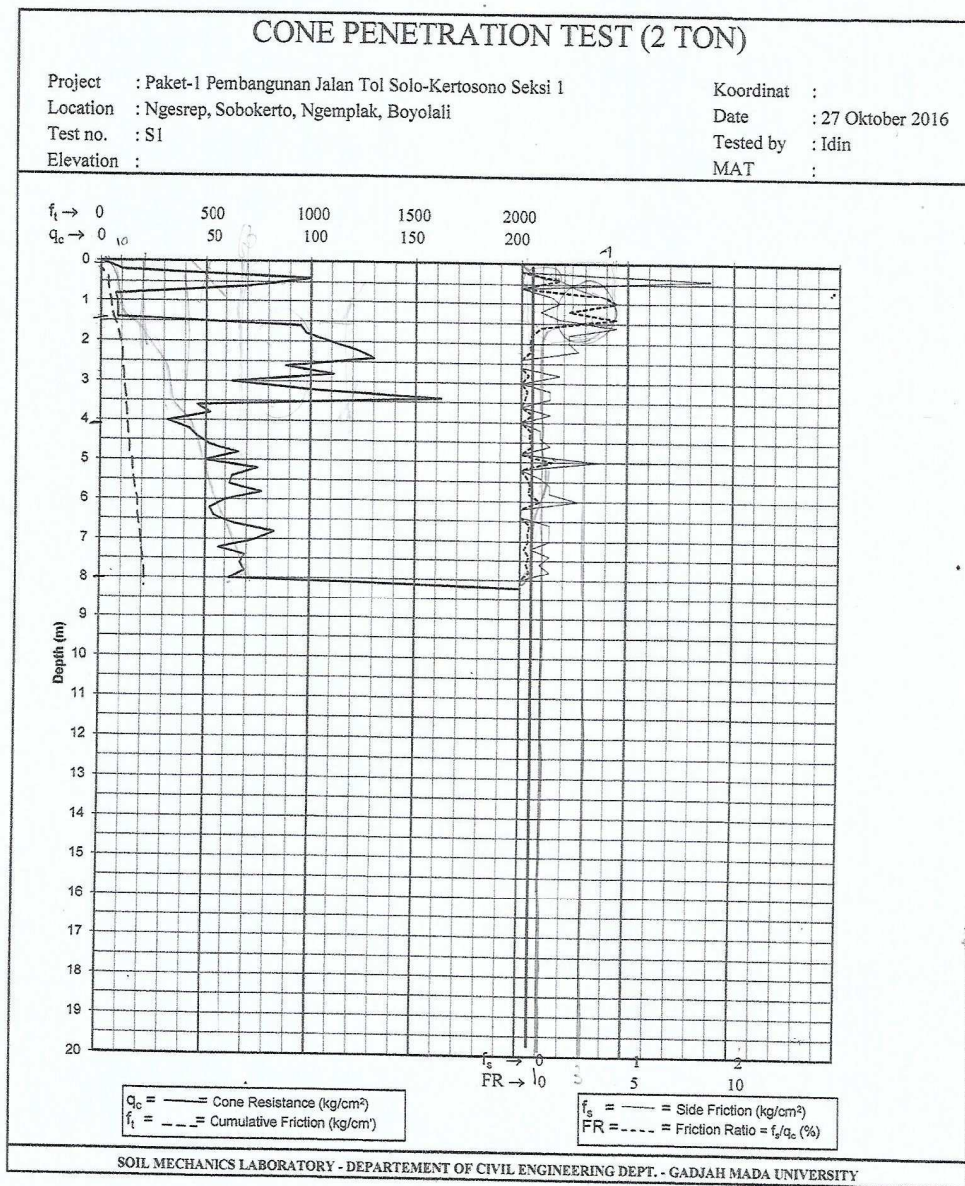
Depth (m)	qc (kg/cm ²)	qc + qf (kg/cm ²)	qf (kg/cm ²)	ft (kg/cm)	FR (%)
0,00	0,0	0,0	0,0	0,00	0,00
0,20	10,0	10,0	10,0	0,00	0,00
0,40	100,0	120,0	120,0	35,68	1,78
0,60	70,0	70,0	70,0	35,68	0,00
0,80	7,0	10,0	10,0	41,03	3,82
1,00	8,0	12,0	12,0	48,17	4,46
1,20	8,0	10,0	10,0	51,74	2,23
1,40	8,0	12,0	12,0	58,88	4,46
1,60	95,0	105,0	105,0	76,72	0,94
1,80	98,0	103,0	103,0	85,64	0,46
2,00	110,0	115,0	115,0	94,56	0,41
2,20	122,0	128,0	128,0	105,26	0,44
2,40	130,0	130,0	130,0	105,26	0,00
2,60	88,0	88,0	88,0	105,26	0,00
2,80	111,0	115,0	115,0	112,40	0,32
3,00	63,0	63,0	63,0	112,40	0,00
3,20	100,0	103,0	103,0	117,75	0,27
3,40	162,0	165,0	165,0	123,10	0,17
3,60	46,0	46,0	46,0	123,10	0,00
3,80	52,0	55,0	55,0	128,46	0,51
4,00	32,0	32,0	32,0	128,46	0,00
4,20	42,0	44,0	44,0	132,02	0,42
4,40	46,0	48,0	48,0	135,59	0,39
4,60	52,0	55,0	55,0	140,95	0,51
4,80	66,0	66,0	66,0	140,95	0,00
5,00	50,0	58,0	58,0	155,22	1,43
5,20	75,0	75,0	75,0	155,22	0,00
5,40	63,0	65,0	65,0	158,79	0,28
5,60	62,0	65,0	65,0	164,14	0,43
5,80	77,0	80,0	80,0	169,49	0,35
6,00	60,0	66,0	66,0	180,20	0,89
6,20	52,0	52,0	52,0	180,20	0,00
6,40	54,0	54,0	54,0	180,20	0,00
6,60	64,0	67,0	67,0	185,55	0,42
6,80	83,0	86,0	86,0	190,90	0,32
7,00	74,0	77,0	77,0	196,25	0,36
7,20	57,0	58,0	58,0	198,04	0,16
7,40	69,0	72,0	72,0	203,39	0,39
7,60	67,0	69,0	69,0	206,96	0,27
7,80	69,0	72,0	72,0	212,31	0,39
8,00	62,0	62,0	62,0	212,31	0,00
8,20	200,0	200,0	200,0	212,31	0,00
8,40					
8,60					
8,80					
9,00					
9,20					
9,40					
9,60					
9,80					
10,00					

Depth (m)	qc (kg/cm ²)	qc + qf (kg/cm ²)	qf (kg/cm ²)	ft (kg/cm)	FR (%)
10,20					
10,40					
10,60					
10,80					
11,00					
11,20					
11,40					
11,60					
11,80					
12,00					
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Gambar L-2.1 Data Hasil Cone Penetration Test Untuk Tanah Dasar Pada Titik S1

Lampiran 2 Data Tanah Dasar



Gambar L-2.2 Grafik Hasil CPT Pada Titik S1

Lampiran 2 Data Tanah Dasar

CONE PENETRATION TEST (2 TON)						
Project	: Paket-1 Pembangunan Jalan Tol Solo-Kertosono Seksi 1			Weather	:	
Location	: Ngesrep, Sobokerto, Ngemplak, Boyolali			Date	: 27 Oktober 2016	
Test no.	: S2			Tested by	: Idin	
Elevation	:			M.A.T	:	

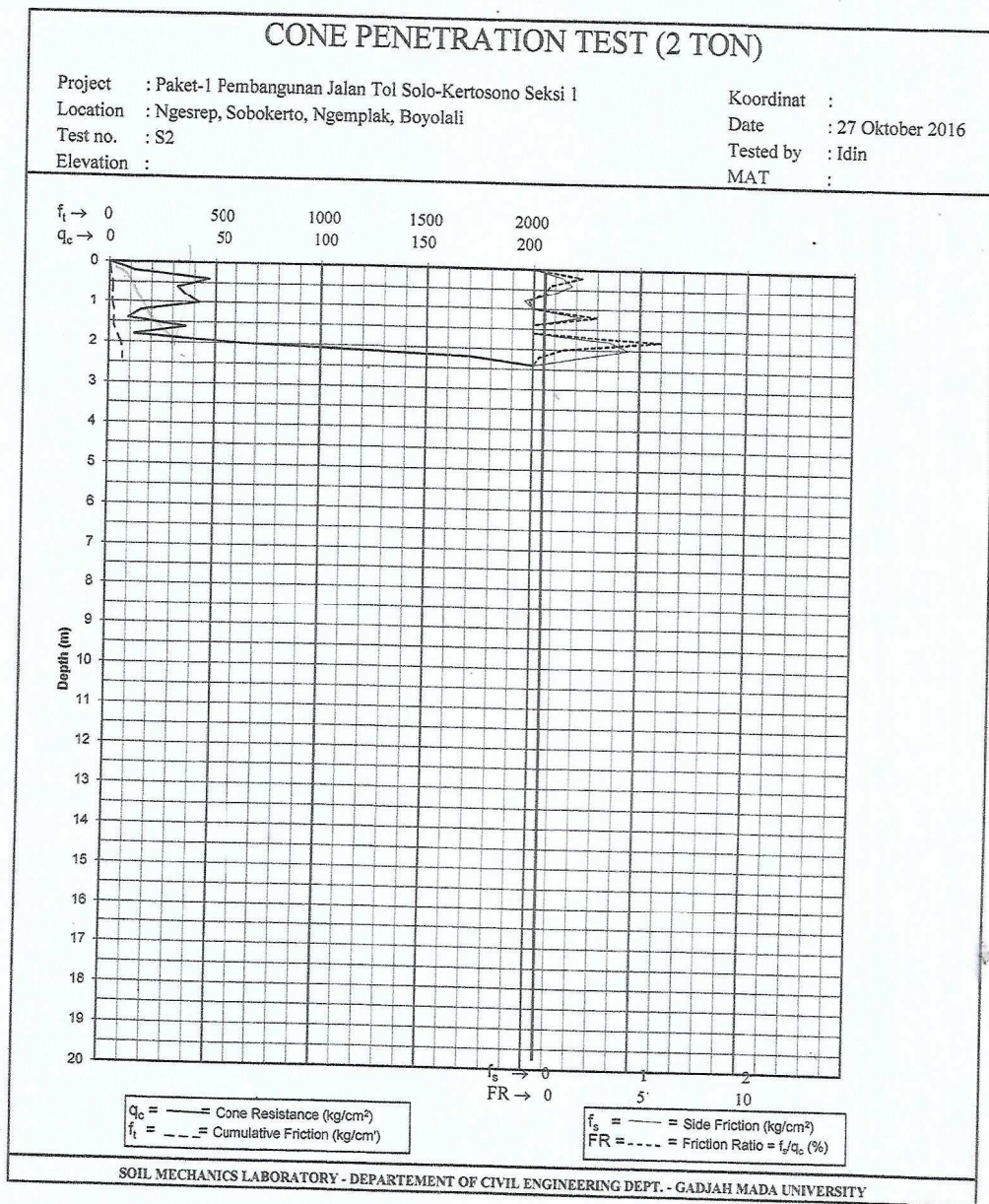
Depth (m)	qc (kg/cm ²)	qc + qf (kg/cm ²)	qf (kg/cm ²)	ft (kg/cm)	FR (%)
0,00	0,0	0,0	0,0	0,00	0,00
0,20	12,0	15,0	0,3	5,35	2,23
0,40	47,0	51,0	0,4	12,49	0,76
0,60	32,0	34,0	0,2	16,06	0,56
0,80	36,0	35,0	-0,1	14,27	-0,25
1,00	42,0	42,0	0,0	14,27	0,00
1,20	15,0	20,0	0,4	23,19	2,97
1,40	9,0	9,0	0,0	23,19	0,00
1,60	36,0	36,0	0,0	23,19	0,00
1,80	12,0	20,0	0,7	37,47	5,95
2,00	65,0	75,0	0,9	55,31	1,37
2,20	170,0	175,0	0,4	64,23	0,26
2,40	200,0	200,0	0,0	64,23	0,00
2,60					
2,80					
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Depth (m)	qc (kg/cm ²)	qc + qf (kg/cm ²)	qf (kg/cm ²)	ft (kg/cm)	FR (%)
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Gambar L-2.3 Data Hasil Cone Penetration Test Untuk Tanah Dasar Pada Titik S2

Lampiran 2 Data Tanah Dasar



Gambar L-2.4 Grafik Hasil CPT Pada Titik S2

Lampiran 2 Data Tanah Dasar

CONE PENETRATION TEST (2 TON)					
Project	: Paket-1 Pembangunan Jalan Tol Solo-Kertosono Seksi 1			Weather	:
Location	: Ngesrep, Sobokerto, Ngemplak, Boyolali			Date	: 27 Oktober 2016
Test no.	: S3			Tested by	: Idin
Elevation	:			M.A.T	:

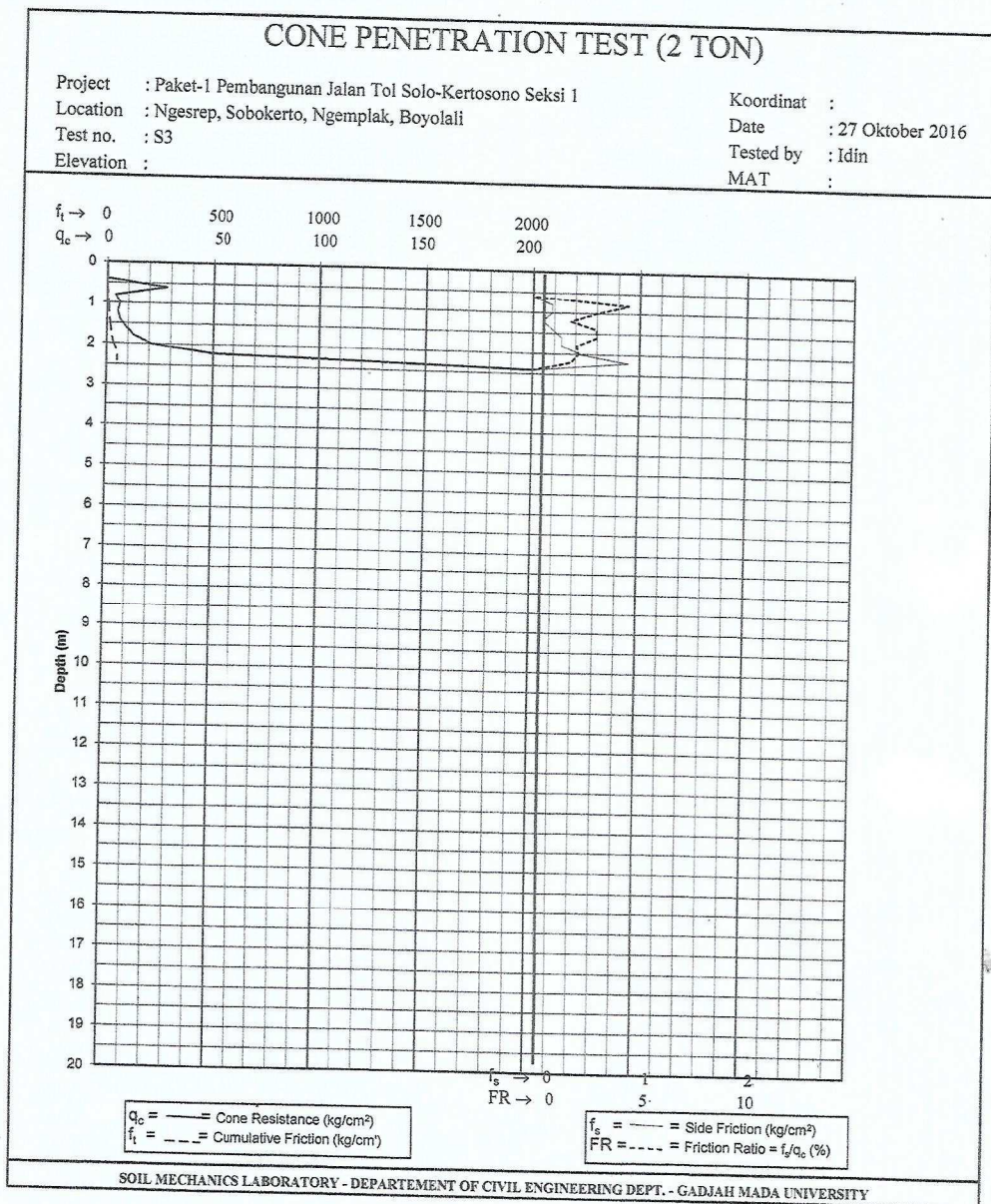
Depth (m)	qc (kg/cm ²)	qc + qf (kg/cm ²)	qf (kg/cm ²)	ft (kg/cm)	FR (%)
0,00	0,0	0,0	0,0	0,00	0,00
0,20	0,0	0,0	0,0	0,00	0,00
0,40	0,0	0,0	0,0	0,00	0,00
0,60	28,0	28,0	0,0	0,00	0,00
0,80	4,0	6,0	0,2	3,57	4,46
1,00	6,0	8,0	0,2	7,14	2,97
1,20	5,0	6,0	0,1	8,92	1,78
1,40	6,0	8,0	0,2	12,49	2,97
1,60	9,0	12,0	0,3	17,84	2,97
1,80	13,0	16,0	0,3	23,19	2,06
2,00	21,0	26,0	0,4	32,11	2,12
2,20	50,0	60,0	0,9	49,96	1,78
2,40	200,0	200,0	0,0	49,96	0,00
2,60					
2,80					
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9,80					
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Depth (m)	qc (kg/cm ²)	qc + qf (kg/cm ²)	qf (kg/cm ²)	ft (kg/cm)	FR (%)
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10,60					
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Gambar L-2.5 Data Hasil Cone Penetration Test Untuk Tanah Dasar Pada Titik S3

Lampiran 2 Data Tanah Dasar



Gambar L-2.6 Grafik Hasil CPT Pada Titik S3