



PROJECT : PROYEK DETAIL ENGINEERING DESIGN RUAS JALAN TOL SEMARANG-DEMAK

BORE HOLE NO.
BH-SS-04

LOCATION		SIDOGEMAH-SAYUNG STA 10+822	
COORDINATES	X	446027	Z: 3 M
	Y	9233195	
METHODE OF BORING	Rotary Core Drilling		DATE COMMENCED
BOR MACHINE TYPE	YBM - YSO.1HE		DATE COMPLETED
TOTAL DEPTH (- m)	70.45 Meter		SOIL & MAT. ENGINEER
			Subal
			BOR MASTER / DRILLER
			Ikim
			GROUND WATER LEVEL
			0.00 M

DEPTH (Mtr)	G.W.L (Mtr)	BOR PROFILE	V I S U A L DESCRIPTION	Thin-walled Tube	STANDARD PENETRATION TEST (ASTM - D.1586)										
					S.P.T. Number	N VALUE			NUMBER OF BLOWS						
						15 Cm	30 Cm	45 Cm	N	10	20	30	40	50	60
51			Lempung, Abu hijau kecoklatan, Sangat kaku, Plastisitas tinggi, CH, Terdapat butiran gamping (berukuran 2-6 mm, lapuk dan mudah hancur)		25	12	14	14	28	[Blow count bars]					
52				26	11	13	14	27	[Blow count bars]						
53										[Blow count bars]					
54										[Blow count bars]					
55					27	10	12	15	27	[Blow count bars]					
56					28	13	16	18	34	[Blow count bars]					
57										[Blow count bars]					
58					29	13	18	23	41	[Blow count bars]					
59										[Blow count bars]					
60					30	13	21	22	43	[Blow count bars]					
61			Lempung, Abu, CH, Sangat kaku, Plastisitas tinggi, Terdapat cangkang kerang							[Blow count bars]					
62				31	14	20	20	40	[Blow count bars]						
63										[Blow count bars]					
64				32	14	20	22	42	[Blow count bars]						
65										[Blow count bars]					
66				33	13	17	19	36	[Blow count bars]						
67									[Blow count bars]						
68				34	8	9	11	20	[Blow count bars]						
69									[Blow count bars]						
70				35	8	10	11	21	[Blow count bars]						
71			END OF BORE HOLE 70.45 Mtr						[Blow count bars]						
72				36					[Blow count bars]						
73									[Blow count bars]						
74									[Blow count bars]						
75				37					[Blow count bars]						



PROJECT : PROYEK DETAIL ENGINEERING DESIGN RUAS JALAN TOL SEMARANG-DEMAK

BORE HOLE NO.:
BH-SS-05

LOCATION	STA 11+275 SIDOGEMAH-SAYUNG			
COORDINATES	X 446393	Z: 6 M	DATE COMMENCED	28-Sep-19
	Y 9232926		DATE COMPLETED	4-Oct-19
METHODE OF BORING	Rotary Core Drilling		SOIL & MAT. ENGINEER	Subal
BOR MACHINE TYPE	YBM - YSO.1HE		BOR MASTER / DRILLER	Ahma
TOTAL DEPTH (- m)	70.45 Meter		GROUND WATER LEVEL	-08.00 Meter

DEPTH (Mtr)	G.W.L (Mtr)	BOR PROFILE	VISUAL DESCRIPTION	Thin-walled Tube	STANDARD PENETRATION TEST (ASTM - D.1586)									
					N VALUE				NUMBER OF BLOWS					
					15 Cm	30 Cm	45 Cm	N	10	20	30	40	50	60
51			Lempung, Sangat kaku, Plastisitas tinggi, Terindikasi mineral lempung, Setengah lapuk, CH, Abu hijau kecoklatan	25	9	17	22	39	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
52				26	10	24	25	49	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
53				27	11	18	24	42	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
54				28	12	21	26	47	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
55				29	14	25	31	56	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
56				30	16	26	33	59	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
57				31	18	28	36	>60	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
58				32	12	19	23	42	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
59				33	13	26	30	56	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
60				34	7	14	19	33	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
61			Lempung, Sangat kaku, Plastisitas tinggi, Mengandung cangkang kerang, CH, Abu-abu	35	10	19	24	43	[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
62				36					[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
63			END OF BORE HOLE 70.45 Mtr	37					[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
64									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
65									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
66									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
67									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
68									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
69									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
70									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
71									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
72									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
73									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
74									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					
75									[Bar chart showing blow counts for 15, 30, 45 cm and N values]					