Lampiran 1 Data Hasil Uji Sondir

egis

Analisa Kedalaman Replacement dan Prediksi
Besarnya Penurunan (S-tot)

Kedalaman	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)
STA	4+000	4+250	4+500	4+750	5+000	5+250	5+500	5+750	6+000	6+550	7+075	9+125	9+820	11+750	12+580	12+980	
Rencana H Timbunan (m)	2.50	2.40	3.40	2.00	2.40	5.50	6.00	3.40	2.60	7.00	8.40	8.20	5.00	5.30	0.00	6.00	
0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-0.20	1	18	14	16	15	14	10	10	1	1	1	1	1	1	1	1	1
-0.40	24	18	12	16	15	12	18	18	1	26	8	50	10	12	40	26	3
-0.60	24	17	12	12	12	12	20	20	1	22	10	65	14	16	46	28	5
-0.80	26	16	16	12	12	16	18	18	1	10	16	70	18	20	50	30	6
-1.00	30	20	20	24	12	20	12	12	8	8	56	88	28	40	105	36	6
-1.20	30	34	40	28	20	22	10	10	10	14	74	85	38	46	105	38	8
-1.40	36	34	50	28	24	40	8	8	28	24	80	90	58	50	120	42	10
-1.60	39	35	50	29	24	50	10	10	30	30	76	80	60	52	115	56	10
-1.80	40	36	55	27	25	55	14	14	34	38	70	75	64	56	100	60	10
-2.00	40	50	40	30	22	40	18	18	28	46	80	85	70	52	85	60	10
-2.20	45	50	45	30	25	40	22	22	36	42	65	85	68	30	85	65	8
-2.40	47	40	40	31	30	36	28	28	40	38	55	75	66	26	80	70	7
-2.60	48	45	38	30	30	28	32	32	36	38	50	60	68	34	75	75	7
-2.80	50	38	38	29	25	28	36	36	30	36	40	60	70	46	60	80	6
-3.00	40	30	36	28	23	36	40	40	26	32	35	50	62	50	50	70	5
-3.20	40	35	35	28	23	32	36	36	26	28	40	65	68	62	45	65	4
-3.40	60	33	29	23	28	34	32	32	22	26	40	70	74	76	40	60	

egis

Re

Analisa Kedalaman Replacement dan Prediksi
Besarnya Penurunan (S-tot)

Kedalaman	STA	Rencana H Timbunan (m)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)
-5.80	4+000	2.50	60	15	15	10	19	35	10	10	16	165	32	40	155	120	38	75	40	
-6.00	4+250	2.40	60	14	15	8	35	40	14	14	24	145	36	46	120	165	48	85	60	
-6.20	4+500	3.40	75	14	14	8	40	32	22	12	24	130	30	54	135	150	52	88	65	
-6.40	4+750	2.00	75	12	13	12	40	32	28	12	28	130	28	60	140	130	54	80	70	
-6.60	5+000	2.40	75	11	13	14	38	50	30	22	30	125	36	60	150	130	58	90	70	
-6.80	5+250	5.50	60	11	12	14	33	55	30	30	32	120	40	64	160	140	60	95	75	
-7.00	5+500	6.00	50	6	15	22	37	52	38	38	46	185	48	75	175	150	66	90	70	
-7.20	5+750	3.40	50	6	15	20	36	40	46	46	44	205	54	85	160	165	78	100	85	
-7.40	6+000	2.60	60	10	12	24	48	36	56	56	40		68	95	150	170	90	110	100	
-7.60	6+550	7.00	60	13	12	30	48	34	70	70	42		76	90	150	195	80	125	140	
-7.80	7+075	8.40	65	16	11	30	44	34	85	85	44		85	90	145	215	75	135	155	
-8.00	9+125	8.20	65	19	10	155	50	50	95	95	50		70	80	125		70	145	165	
-8.20	9+820	5.00	65	21	10	190	52	55	100	100	50		100	90	115		68	155	170	
-8.40	11+750	5.30	70	18	12	250	54	40	105	90	54		105	100	110		64	165	180	
-8.60	12+580	0.00	70	18	13		50	40	115	85	50		115	105	120		60	175	190	
-8.80	12+980	6.00	50	15	13		45	40	120	80	42		125	115	125		58	185	200	
-9.00	13+180	6.40	50	12	15		45	35	150	80	38		120	125	115		64	195	205	
-9.20			60	12	15		40	35	175	100	38		100	125	125		74	200	220	
-9.40			40	18	18		80	30	205	110	36		95	120	130		86			

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Analisa Kedalaman Replacement dan Prediksi
Besarnya Penurunan (S-tot)

Rencana H Timbunan (m)		2.50	2.40	3.40	2.00	2.40	5.50	6.00	3.40	2.60	7.00	8.40	8.20	5.00	5.30	0.00	6.00	6.40
STA		4+000	4+250	4+500	4+750	5+000	5+250	5+500	5+750	6+000	6+550	7+075	9+125	9+820	11+750	12+580	12+980	13+180
Kedalaman	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)	qc (kg/cm2)
-11.60			19			90			120		165				200			
-11.80						100			125		170							
-12.00						110			130		185							
-12.20									130		175							
-12.40									130		160							
-12.60									145		185							
-12.80									140		190							
-13.00									150		195							
-13.20									150		200							
-13.40									160									
-13.60									170									
-13.80									180									
-14.00									200									
Layer 1	0 - 3.00	0 - 10.00	0 - 10.00	0 - 8.00	0 - 7.00	0 - 10.00	0 - 7.00	0 - 7.00	0 - 7.00	0 - 5.00	0 - 7.00	0 - 10.00	0 - 2.00	0 - 2.50	0 - 6.00	0 - 10.00	0 - 1.0	
qc (kg/cm2)	32.94	22.16	18.56	18.90	22.26	28.85	19.50	18.67	22.06	24.35	25.00	29.30	15.57	31.07	34.50	22.71	10.3	
alfa (a)	2.00	2.00	3.00	2.00	2.00	2.00	3.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	
Mv = 1 / (qc x alpa) kg/cm2	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.01	0.02	0.03	
H-1 (cm)	300.00	500.00	700.00	700.00	600.00	600.00	700.00	700.00	700.00	500.00	500.00	500.00	300.00	500.00	600.00	300.00	100.0	