

DESIGN	/	/	/	/
DRAFT	/	/	/	/
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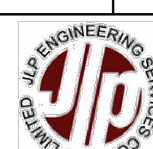
FIELD BOOK NO.	
PROFILE	
ALIGNMENT	

SURVEY	/	/	/	/
DRAWN	/	/	/	/
CHECKED	/	/	/	/

BOREHOLE # BH-7					Page 1 of 2					
Project No: 17022A Project: ก่อสร้างรถไฟสายเชียงใหม่ ช่วงนครราชสีมา-เชียงใหม่ Site Location: Sta. 10+000				Ground Elev.(m): G.W.L (m): 1.50 Total Depth (m): 65.00		Date Started: 29 April 2017 Date Finished: 3 May 2017 Co-ordinate(N): 1537553.63 Co-ordinate(E): 665519.58				
Depth (m)	Sample Type	Symbol Type	Number	SOIL DESCRIPTION	Unit Weight (kN/m ³)	PL	Wn	LL	Suc (kN/m ²)	SPT (N)
						Atterberg Limits (%)				
						15	20	40	60	80
0				Ground Surface	0.00					
1										
2	ST	■	1	Fill material.	0.00					
3	ST	■	2	Very soft to medium stiff CLAY, grey, high plasticity. (CH)	2.00					
4	ST	■	3							
5	ST	■	4							
6	ST	■	5							
7	ST	■	6							
8	ST	■	7							
9	ST	■	8							
10	ST	■	9							
11	ST	■	10							
12	ST	■	11							
13	ST	■	12							
14	ST	■	13							
15	ST	■	14							
16	ST	■	15							
17	ST	■	16							
18	ST	■	17							
19	ST	■	18							
20	ST	■	19							
21	SS	■	1	Stiff CLAY, brown, high plasticity. (CH)	20.50					14
22	SS	■	2	Dense to very dense silty SAND, brown, fine to very coarse grained. (SM, SP-SM)	22.00					50
23	SS	■	3							69
24	SS	■	4	Hard CLAY, brown, low plasticity. (CL)	25.00					54
25	SS	■	5							50
26	SS	■	6							49
27	SS	■	7							69
28	SS	■	8							74
29	SS	■	9							50
30	SS	■	10							50
31	SS	■	11	Very dense silty SAND, brown, fine to medium grained. (SM)	31.00					50
32	SS	■	12							4
33	SS	■	13							50
34	SS	■	14							50
35	SS	■	15							85
36	SS	■	16							50
37	SS	■	17							50
38	SS	■	18							50
39	SS	■	19							50
■ Thin Wall Tube ■ Split Spoon ■ Rock Core ■ Wash ■ Auger					Suc = Undrained Shear Strength SPT= Standard Penetration Test PL = Plastic Limit Wn = Water Content LL = Liquid Limit		JLP Engineering Services Co., Ltd. 34/671 Moo Baan Ying Ruay Soi 5 Lub Klong Prapa Road, Pakkred Nonthaburi 11120 Tel: 0-2575-2740 Fax: 0-2575-2741 www.jlp.co.th E-mail: jlp@jlp.co.th			

BOREHOLE # BH-8						Page 1 of 2				
Project No: 17022A Project: ก่อสร้างทางรถไฟสายเชียงใหม่ ช่วงนครราชสีมา-เชียงใหม่ Site Location: Sta. 12+000				Ground Elev.(m): G.W.L (m): 1.30 Total Depth (m): 65.00		Date Started: 04 May 2017 Date Finished: 07 May 2017 Co-ordinate(N): 1536734.93 Co-ordinate(E): 667810.60				
Depth (m)	Sample Type	Symbol Type	Number	SOIL DESCRIPTION	Unit Weight (kN/m ³)	PL	Wn	LL	Suc (kN/m ²)	SPT (N)
						Atterberg Limits (%)				□ (Blows/12 inch) □
						15	20	40	60	80
0				Ground Surface						
1										
2	ST	■	1	Fill material.	0.00					
3	ST	■	2	Soft to medium stiff CLAY, grey, high plasticity. (CH)	2.00					
4	ST	■	3							
5	ST	■	4							
6	ST	■	5							
7	ST	■	6							
8	ST	■	7							
9	ST	■	8							
10	ST	■	9							
11	ST	■	10							
12	ST	■	1	Stiff to hard CLAY, grey, high plasticity. (CH)	14.50					
13	SS	■	2							
14	SS	■	3							
15	SS	■	4							
16	SS	■	5							
17	SS	■	6							
18	SS	■	7							
19	SS	■	8							
20	SS	■	9							
21	SS	■	10							
22	SS	■	1	Dense to very dense silty SAND, grey and brown, fine to medium grained. (SM, SP-SM)	19.00					
23	SS	■	2							
24	SS	■	3							
25	SS	■	4							
26	SS	■	5							
27	SS	■	6							
28	SS	■	7							
29	SS	■	8							
30	SS	■	9							
31	SS	■	10							
32	SS	■	1	Hard CLAY, brown, high plasticity. (CH)	28.00					
33	SS	■	2							
34	SS	■	3							
35	SS	■	4							
36	SS	■	5							
37	SS	■	6							
38	SS	■	7							
39	SS	■	8							
40	SS	■	9							
41	SS	■	10							
42	SS	■	1	Very dense silty SAND, brown and greyish brown, fine to coarse grained. (SM, SP-SM)	31.00					
43	SS	■	2							
44	SS	■	3							
45	SS	■	4							
46	SS	■	5							
47	SS	■	6							
48	SS	■	7							
49	SS	■	8							
50	SS	■	9							
51	SS	■	10							
52	SS	■	1							
53	SS	■	2							
54	SS	■	3							
55	SS	■	4							
56	SS	■	5							
57	SS	■	6							
58	SS	■	7							
59	SS	■	8							
60	SS	■	9							
61	SS	■	10							
62	SS	■	1							
63	SS	■	2							
64	SS	■	3							
65	SS	■	4							
66	SS	■	5							
67	SS	■	6							
68	SS	■	7							
69	SS	■	8							
70	SS	■	9							
71	SS	■	10							
72	SS	■	1							
73	SS	■	2							
74	SS	■	3							
75	SS	■	4							
76	SS	■	5							
77	SS	■	6							
78	SS	■	7							
79	SS	■	8							
80	SS	■	9							
81	SS	■	10							
82	SS	■	1							
83	SS	■	2							
84	SS	■	3							
85	SS	■	4							
86	SS	■	5							
87	SS	■	6							
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91	SS	■	10							
92	SS	■	1							
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94	SS	■	3							
95	SS	■	4							
96	SS	■	5							
97	SS	■	6							
98	SS	■	7							
99	SS	■	8							
100	SS	■	9							
101	SS	■	10							
102	SS	■	1							
103	SS	■	2							
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131	SS	■	10							
132	SS	■	1							
133	SS	■	2							
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135	SS	■	4							
136	SS	■	5							
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138	SS	■	7							
139	SS	■	8							
140	SS	■	9							
141	SS	■	10							
142	SS	■	1							
143	SS	■	2							
144	SS	■	3							
145	SS	■	4							
146	SS	■	5							
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149	SS	■	8							
150	SS	■	9							
151	SS	■	10							
152	SS	■	1							
153	SS	■	2							
154	SS	■	3							
155	SS	■	4							
156	SS	■	5							
157	SS	■	6							
158	SS	■	7							
159	SS	■	8							
160	SS	■	9							
161	SS	■	10							
162	SS	■	1							
163	SS	■	2							
164	SS	■	3							
165	SS	■	4							
166	SS	■	5							
167	SS	■	6							
168	SS	■	7							
169	SS	■	8							
170	SS	■	9							
171	SS	■	10							
172	SS	■	1							
173	SS	■	2							
174	SS	■	3							
175	SS	■	4							
176	SS	■	5							
177	SS	■	6							
178	SS	■	7							
179	SS	■	8							
180	SS	■	9							
181	SS	■	10							
182	SS	■	1							
183	SS	■	2							
184	SS	■	3							
185	SS	■	4							
186	SS	■	5							
187	SS	■	6							
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197	SS	■	6							
198	SS	■	7							
199	SS	■	8							
200	SS	■	9							
201	SS	■	10							
202	SS	■	1							
203	SS	■	2							
204	SS	■	3							
205	SS	■	4							

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Project No: 17022A Project: ก่อสร้างระบบไฟฟ้าสาธารณะชุมชน หมู่บ้านเกาะจันทร์บุรี Site Location: Sta. 10+000				Ground Elev.(m): G.W.L (m): 1.50 Total Depth (m): 65.00		Date Started: 29 April 2017 Date Finished: 3 May 2017 Co-ordinate(N): 1537553.63 Co-ordinate(E): 665519.58				
Depth (m)	Sample Type	Symbol Type	Number	SOIL DESCRIPTION	Unit Weight (kN/m ³)	PL	Wn	LL	Suc (kN/m ²)	SPT (N)
						Atterberg Limits (%)			□ (Blows/12 inch) □	
						20	40	60	80	20 40 60 80
41	SS	■	14							50/6"
42	SS	■	15	Hard CLAY, brown and greyish brown, low plasticity. (CL)	41.50					50/6"
43	SS	■	16							50/5"
44	SS	■	17							50/5"
45	SS	■	18							50/6"
46	SS	■	19							50/5"
47	SS	■	20	Very dense silty SAND, brown to greyish brown, very fine to medium grained. (SM)	46.00					50/6"
48	SS	■	21							50/6"
49	SS	■	22							50/5"
50	SS	■	23							50/5"
51	SS	■	24							50/6"
52	SS	■	25							50/6"
53	SS	■	26							50/6"
54	SS	■	27	Hard CLAY, brown, low plasticity. (CL)	53.50					50/5"
55	SS	■	28							50/5"
56	SS	■	29							50/6"
57	SS	■	30							50/6"
58	SS	■	31							50/6"
59	SS	■	32							50/4"
60	SS	■	33							50/3"
61	SS	■	34							50/4"
62	SS	■	35							50/4"
63	SS	■	36							50/5"
64	SS	■	37							50/5"
65	SS	■	38							50/5"
66				End of Borehole	65.00					
67										
68										
69										
70										
71										
72										
73										
74										
75										
76										
77										
78										
79										
80										
■ Thin Wall Tube ■ Split Spoon ■ Rock Core ■ Wash ■ Auger				Suc = Undrained Shear Strength SPT= Standard Penetration Test PL = Plastic Limit Wn = Water Content LL = Liquid Limit		JLP Engineering Services Co., Ltd. 34/671 Moo Baan Ying Ruay Soi 5 Lub Klong Prapa Road, Pakkred Nonthaburi 11120 Tel: 0-2575-2740 Fax: 0-2575-2741 www.jlp.co.th E-mail: jlp@jlp.co.th				

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Project No: 17022A Project: ก่อสร้างทางรถไฟสายเชียงใหม่ ช่วงนครราชสีมา-เชียงใหม่ Site Location: Sta. 12+000				Ground Elev.(m): G.W.L (m): 1.30 Total Depth (m): 65.00		Date Started: 04 May 2017 Date Finished: 07 May 2017 Co-ordinate(N): 1536734.93 Co-ordinate(E): 667810.60								
Depth (m)	Sample Type	Symbol Type	Number	SOIL DESCRIPTION	Unit Weight (kN/m ³)	PL	Wn	LL	Suc (kN/m ²)	SPT (N)				
						Atterberg Limits (%)				□ (Blows/12 inch) □				
						20	40	60	80	20 40 60 80				
41	SS	■	17			□				50				
42	SS	■	18			□				50				
43	SS	■	19			□				50				
44	SS	■	20			□				50				
45	SS	■	21			□				50				
46	SS	■	22			□				50				
47	SS	■	23			□				50				
48	SS	■	24			□				50				
49	SS	■	25			□				50				
50	SS	■	26			□				50				
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71										50				
72										50				
73										50				
74										50				
75										50				
76										50				
77										50				
78										50				
79										50				
80										50				
End of Borehole					65.00									
■ Thin Wall Tube ■ Split Spoon ■ Rock Core □ Wash ■ Auger					Suc = Undrained Shear Strength SPT= Standard Penetration Test PL = Plastic Limit Wn = Water Content LL = Liquid Limit					 JLP Engineering Services Co., Ltd. 34/671 Moo Baan Ying Ruay Soi 5 Liab Klong Prapa Road, Pakkred Nonhathuri 1120 Tel: 0-2575-2740 Fax: 0-2575-2741 www.jlp.co.th E-mail: jlp@jlp.co.th				