

DESIGN	/	/
DRAFT	/	/
CHECKED	/	/

FIELD BOOK NO.	ALIGNMENT
PROFILE	

SURVEY	/	/
DRAWN	/	/
CHECKED	/	/

BOREHOLE # BHS-4										Page 1 of 2	
Project No: 17022A Project: <i>ก่อสร้างทางรถไฟสายที่สาม ช่วงนครราชสีมา-บุรีรัมย์</i> Site Location: สถานีสามัคคี				Ground Elev.(m): G.W.L (m): 1.70 Total Depth (m): 65.00		Date Started: 10 May 2017 Date Finished: 15 May 2017 Co-ordinate(N): 1536146.30 Co-ordinate(E): 663148.48					
Depth (m)	Sample Type	Symbol Type	Number	SOIL DESCRIPTION	Unit Weight (kN/m ³)	PL	Wn	LL	Suc (kN/m ²)	SPT (N)	
0				Ground Surface							
1											
2	SS	1	1	Fill material.	0.00						
3	SS	2	2								
4	ST	1	1	Very soft to medium stiff CLAY, grey, high plasticity. (CH)	3.50						
5	ST	2	2								
6	ST	3	3								
7	ST	4	4								
8	ST	5	5								
9	ST	6	6								
10	ST	7	7								
11	ST	8	8								
12	ST	9	9	Stiff to hard CLAY, brown and grey, high to low plasticity. (CH, CL)	11.50						
13	ST	10	10								
14	ST	11	11								
15	ST	12	12								
16	ST	13	13								
17	SS	3	3								
18	SS	4	4								
19	SS	5	5	Medium dense to very dense silty SAND, gery, very fine to fine grained. (SM)	19.00						
20	SS	6	6								
21	SS	7	7								
22	SS	8	8								
23	SS	9	9	Hard CLAY, brown, high plasticity. (CH)	23.50						
24	SS	10	10								
25	SS	11	11								
26	SS	12	12	Medium dense to very dense silty SAND, brown and grey, fine to medium grained. (SM) Except SS-16 is loose silty SAND.	28.00						
27	SS	13	13								
28	SS	14	14								
29	SS	15	15								
30	SS	16	16								
31	SS	17	17								
32	SS	18	18								
33	SS	19	19								
34	SS	20	20								
35	SS	21	21								
36	SS	22	22								
37	SS	23	23								
38	SS	24	24								
39	SS	25	25								
40	SS	26	26								
■ 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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Depth (m)	Sample Type	Symbol Type	Number	SOIL DESCRIPTION	Unit Weight (kN/m ³)	PL	Wn	LL	Suc (kN/m ²)	SPT (N)	
41	SS	19	19								
42	SS	20	20								
43	SS	21	21	Hard CLAY, brown and grey, low to high plasticity. (CL, CH) Except SS-24 is very dense silty SAND.	43.00						
44	SS	22	22								
45	SS	23	23								
46	SS	24	24								
47	SS	25	25								
48	SS	26	26								
49	SS	27	27								
50	SS	28	28								
51	SS	29	29								
52	SS	30	30								
53	SS	31	31	Very dense silty SAND, brown and brownish grey, fine to medium grained. (SP-SM, SM)	56.50						
54	SS	32	32								
55	SS	33	33								
56	SS	34	34								
57	SS	35	35								
58	SS	36	36								
59	SS	37	37								
60	SS	38	38								
61	SS	39	39								
62	SS	40	40								
63	SS	41	41								
64	SS	42	42								
65	SS	43	43								
66	SS	44	44	End of Borehole	65.00						
67	SS	45	45								
68	SS	46	46								
69	SS	47	47								
70	SS	48	48								
71	SS	49	49								
72	SS	50	50								
73	SS	51	51								
74	SS	52	52								
75	SS	53	53								
76	SS	54	54								
77	SS	55	55								
78	SS	56	56								
79	SS	57	57								
80	SS	58	58								
■ 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: <i>ก่อสร้างทางรถไฟสายที่สาม ช่วงนครราชสีมา-บุรีรัมย์</i> Site Location: สถานีหนองปรือ				Ground Elev.(m): G.W.L (m): 3.00 Total Depth (m): 65.00		Date Started: 23 May 2017 Date Finished: 26 May 2017 Co-ordinate(N): 1537043.15 Co-ordinate(E): 662843.87					
Depth (m)	Sample Type	Symbol Type	Number	SOIL DESCRIPTION	Unit Weight (kN/m ³)	PL	Wn	LL	Suc (kN/m ²)	SPT (N)	
0				Ground Surface							
1											
2	SS	1	1	Fill material.	0.00						
3	ST	1	1	Medium stiff CLAY, grey, high plasticity. (CH)	2.00						
4	ST	2	2								
5	ST	3	3								
6	ST	4	4								
7	ST	5	5								
8	ST	6	6								
9	ST	7	7								
10	ST	8	8	Stiff CLAY, grey, high plasticity. (CH)	11.50						
11	ST	9	9								
12	ST	10	10								
13	ST	11	11								
14	ST	12	12								
15	ST	13	13								
16	ST	14	14								
17	SS	2	2	Dense to very dense silty SAND, brown and grey, fine to very coarse grained. (SM, SP-SM)	16.00						
18	SS	3	3								
19	SS	4	4								
20	SS	5	5								
21	SS	6	6								
22	SS	7	7								
23	SS	8	8	Hard CLAY, greyish brown, low plasticity. (CL)	23.50						
24	SS	9	9								
25	SS	10	10								
26	SS	11	11								
27	SS	12	12	Dense to very dense silty SAND, greyish brown and grey, very fine to very coarse grained. (SM, SP-SM)	26.50						
28	SS	13	13								
29	SS	14	14								
30	SS	15	15								
31	SS	16	16								
32	SS	17	17								
33	SS	18	18								
34	SS	19	19								
35	SS	20	20								
36	SS	21	21								
37	SS	22	22								
38	SS	23	23								
39	SS	24	24								
40	SS	25	25								
■ 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: ก่อสร้างรถไฟฟ้ามหานคร สายสีน้ำเงิน ช่วงแคราย-อนุบาล Site Location: สถานีแคราย				Ground Elev.(m): G.W.L (m): 3.00 Total Depth (m): 65.00		Date Started: 23 May 2017 Date Finished: 26 May 2017 Co-ordinate(N): 1537043.15 Co-ordinate(E): 662843.87				
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	18								65
42	SS	19								68
43	SS	20								73
44	SS	21								72
45	SS	22								
46	SS	23								
47	SS	24								
48	SS	25								
49	SS	26								
50	SS	27		Hard CLAY, brown to greyish brown, low plasticity. (CL)	49.00					
51	SS	28								
52	SS	29								
53	SS	30								
54	SS	31								
55	SS	32								
56	SS	33								
57	SS	34								
58	SS	35								
59	SS	36								
60	SS	37								
61	SS	38								
62	SS	39								
63	SS	40								
64	SS	41								
65	SS	42								
66	SS	43								
67	SS	44								
68	SS	45								
69	SS	46								
70	SS	47								
71	SS	48								
72	SS	49								
73	SS	50								
74	SS	51								
75	SS	52								
76	SS	53								
77	SS	54								
78	SS	55								
79	SS	56								
80	SS	57								
81	SS	58								
82	SS	59								
83	SS	60								
84	SS	61								
85	SS	62								
86	SS	63								
87	SS	64								
88	SS	65								
89	SS	66								
90	SS	67								
91	SS	68								
92	SS	69								
93	SS	70								
94	SS	71								
95	SS	72								
96	SS	73								
97	SS	74								
98	SS	75								
99	SS	76								
100	SS	77								
101	SS	78								
102	SS	79								
103	SS	80								
104	SS	81								
105	SS	82								
106	SS	83								
107	SS	84								
108	SS	85								
109	SS	86								
110	SS	87								
111	SS	88								
112	SS	89								
113	SS	90								
114	SS	91								
115	SS	92								
116	SS	93								
117	SS	94								
118	SS	95								
119	SS	96								
120	SS	97								
121	SS	98								
122	SS	99								
123	SS	100								
124	SS	101								
125	SS	102								
126	SS	103								
127	SS	104								
128	SS	105								
129	SS	106								
130	SS	107								
131	SS	108								
132	SS	109								
133	SS	110								
134	SS	111								
135	SS	112								
136	SS	113								
137	SS	114								
138	SS	115								
139	SS	116								
140	SS	117								
141	SS	118								
142	SS	119								
143	SS	120								
144	SS	121								
145	SS	122								
146	SS	123								
147	SS	124								
148	SS	125								
149	SS	126								
150	SS	127								
151	SS	128								
152	SS	129								
153	SS	130								
154	SS	131								
155	SS	132								
156	SS	133								
157	SS	134								
158	SS	135								
159	SS	136								
160	SS	137								
161	SS	138								
162	SS	139								
163	SS	140								
164	SS	141								
165	SS	142								
166	SS	143								
167	SS	144								
168	SS	145								
169	SS	146								
170	SS	147								
171	SS	148								
172	SS	149								
173	SS	150								
174	SS	151								
175	SS	152								
176	SS	153								
177	SS	154								
178	SS	155								
179	SS	156								
180	SS	157								
181	SS	158								
182	SS	159								
183	SS	160								
184	SS	161								
185	SS	162								
186	SS	163								
187	SS	164								
188	SS	165								
189	SS	166								
190	SS	167								
191	SS	168								
192	SS	169								
193	SS	170								
194	SS	171								
195	SS	172								
196	SS	173								
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202	SS	179								
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212	SS	189								
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215	SS	192								
216	SS	193								
217	SS	194								
218	SS	195								
219	SS	196								
220	SS	197								
221	SS	198								
222	SS	199								
223	SS	200								
224	SS	201								
225	SS	202								
226	SS	203								
227	SS	204								
228	SS	205								
229	SS	206								
230	SS	207								
231	SS	208								
232	SS	209								
233	SS	210								
234	SS	211								
235	SS	212								
236	SS	213								
237	SS	214								
238	SS	215								
239	SS	216								
240	SS	217								
241	SS	218								
242	SS	219								
243	SS	220								
244	SS	221								
245	SS	222								
246	SS	223								
247	SS	224								
248	SS	225								