

SB-113

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SOIL BORING LOG				PAGE 1 of 4			
ROUTE 170/IL3 DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08				DATE 5/15-19/2009			
SECTION 82-2-1HVB-1 LOCATION I-70 & Illinois Route 3				LOGGED BY MR			
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic				GSI JOB No. 08201			
STRUCT. NO. 082-W309				Surface Water Elev. n/a			
Station: --				Stream Bed Elev. n/a			
BORING NO. SB-113				Groundwater Elevation:			
Station: 53+45				First Encounter n/a			
Offset: 52.5' Right				Upon Completion n/a			
Ground Surface Elev. 418.3				After 24 Hrs. n/a			
DEPTH (ft)	BLOWS (/ft)	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/ft)	UCS (tsf)	MOIST (%)
0-8	AS	NP	6	0-8	AS	NP	6
8-11	8			8-11	8		
11-13	11			11-13	10		
13-15	5	NP	24	13-15	13	NP	21
15-17	415.3			15-17	11	NP	18
17-19	1		75	17-19	7		
19-21	2			19-21	10		
21-23	3	1.3B	43	21-23	14	NP	18
23-25	0		75	23-25	6		
25-27	1			25-27	6		
27-29	3	0.2B	39	27-29	6	NP	14
29-31	410.3			29-31	45	NP	14
31-33	1			31-33	10		
33-35	2			33-35	13		
35-37	10			35-37	16	NP	22
37-39	1			37-39	9		
39-41	2			39-41	12		
41-43	10			41-43	13	NP	22
43-45	1			43-45	16	NP	23
45-47	10			45-47	9		
47-49	2			47-49	13		
49-51	10			49-51	25	NP	21
51-53	407.8			51-53	25	NP	23
53-55	3			53-55	9		
55-57	6			55-57	19		
57-59	5	NP	24	57-59	15	NP	15
59-61	405.3			59-61	12		
61-63	4			61-63	11		
63-65	3			63-65	16	NP	18
65-67	15			65-67	15	NP	15
67-69	402.8			67-69	12		
69-71	4			69-71	11		
71-73	3			71-73	16	NP	16
73-75	15	NP	22	73-75	16	NP	16
75-77	402.8			75-77	17	NP	25
77-79	4			77-79	17	NP	14
79-81	4			79-81	11		
81-83	4	NP	20	81-83	10		
83-85	400.3			83-85	9		
85-87	7			85-87	10		
87-89	20	NP	16	87-89	11	NP	14
89-91	400.3			89-91	11		
91-93	3			91-93	9		
93-95	7			93-95	12		
95-97	20	NP	16	95-97	7		
97-99	400.3			97-99	10		
99-101	3			99-101	12	NP	13
101-103	7			101-103	9		
103-105	20	NP	16	103-105	12	NP	11
105-107	400.3			105-107	16	NP	11
107-109	3			107-109	4		
109-111	7			109-111	12		
111-113	20	NP	16	111-113	12	NP	11
113-115	400.3			113-115	15	NP	14
115-117	3			115-117	80	NP	11
117-119	7			117-119	15	NP	14
119-121	20	NP	16	119-121	100	NP	14

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Offset: 52.5' Right				Upon Completion n/a			
Ground Surface Elev. 418.3				After 24 Hrs. n/a			
DEPTH (ft)	BLOWS (/ft)	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/ft)	UCS (tsf)	MOIST (%)
0-10				0-10			
10-11				10-11	13		
11-12				11-12	14		
12-13				12-13	20	NP	21
13-14				13-14	11		
14-15				14-15	7		
15-16				15-16	7		
16-17				16-17	7	NP	26
17-18				17-18	4		
18-19				18-19	5		
19-20				19-20	7	NP	17
20-21				20-21	16	NP	17
21-22				21-22	9		
22-23				22-23	13		
23-24				23-24	16	NP	22
24-25				24-25	9		
25-26				25-26	13		
26-27				26-27	25	NP	23
27-28				27-28	25	NP	23
28-29				28-29	9		
29-30				29-30	13		
30-31				30-31	14		
31-32				31-32	14		
32-33				32-33	16	NP	7
33-34				33-34	16	NP	7
34-35				34-35	10		
35-36				35-36	14		
36-37				36-37	14		
37-38				37-38	14		
38-39				38-39	14		
39-40				39-40	14		
40-41				40-41	14		
41-42				41-42	14		
42-43				42-43	14		
43-44				43-44	14		
44-45				44-45	14		
45-46				45-46	14		
46-47				46-47	14		
47-48				47-48	14		
48-49				48-49	14		
49-50				49-50	14		
50-51				50-51	14		
51-52				51-52	14		
52-53				52-53	14		
53-54				53-54	14		
54-55				54-55	14		
55-56				55-56	14		
56-57				56-57	14		
57-58				57-58	14		
58-59				58-59	14		
59-60				59-60	14		
60-61				60-61	14		
61-62				61-62	14		
62-63				62-63	14		
63-64				63-64	14		
64-65				64-65	14		
65-66				65-66	14		
66-67				66-67	14		
67-68				67-68	14		
68-69				68-69	14		
69-70				69-70	14		
70-71				70-71	14		
71-72				71-72	14		
72-73				72-73	14		
73-74				73-74	14		
74-75				74-75	14		
75-76				75-76	14		
76-77				76-77	14		
77-78				77-78	14		
78-79				78-79	14		
79-80				79-80	14		
80-81				80-81	14		
81-82				81-82	14		
82-83				82-83	14		
83-84				83-84	14		
84-85				84-85	14		
85-86				85-86	14		
86-87				86-87	14		
87-88				87-88	14		
88-89				88-89	14		
89-90				89-90	14		
90-91				90-91	14		
91-92				91-92	14		
92-93				92-93	14		
93-94				93-94	14		
94-95				94-95	14		
95-96				95-96	14		
96-97				96-97	14		
97-98				97-98	14		
98-99				98-99	14		
99-100				99-100	14		

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0-10				0-10			
10-11				10-11	17		
11-12				11-12	11		
12-13				12-13	10	NP	9
13-14				13-14	6		
14-15				14-15	25		
15-16				15-16	29	NP	14
16-17				16-17	22		
17-18				17-18	25		
18-19				18-19	24	NP	9
19-20				19-20	14		
20-21				20-21	21		
21-22				21-22	29	NP	17
22-23							