

NOBLE		Structure #: 012-3333	BORING No. B-1	water level reading				
ENGINEERING CONSULTANTS		County: Clark, IL	Sheet No. 1 of 1	1st encounter: 9'				
Client: Clark County Highway Dept.		Weather: Sunny	Temperature: Low 30's	water level reading				
Driller: Noble Engineering Consultants		Date Start: 2-16-06	Surface Elevation: See Comments	@completion: cave 12'				
Location: 05-00261-00-BR		Date Finished: 2-16-06	Driller: Eric Seals	Backfill: soil cuttings				
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qu (tsf)	Moisture (%)	Elev.
1								
2	SS-1	1.0'-2.5'	6	3-3-3	70		9.3	
3								
4	SS-2	3.5'-5.0'	9	2-3-6	100		16.8	
5								
6	SS-3	6.0'-7.5'	13	5-5-8	100		20.8	
7								
8								
9	SS-4	8.5'-10.0'	4	1-2-2	90		23.1	
10								
11								
12								
13								
14	SS-5	13.5'-15.0'	4	2-2-2	90		24.8	
15								
16								
17								
18								
19	SS-6	18.5'-20.0'	10	1-3-7	100		36.2	
20								
21	ST-1	20.0'-22.5'				0.34 Bulge		
22								
23								
24	SS-7	23.5'-25.0'	6	1-2-4	100		30.8	
25								
26	ST-2	25.0'-22.5'				see comments	21.5	
27								
28								
29								
30	SS-8	28.5'-30.0'	32	2-8-24	100		22.9	
Drilling Method: HSA (3-3/4" id)		comments	Unconfined Compressive Strength is denoted as Qu		Hammer type: Cathead			
Depth: 0' to 30.0'			Elevation information was not available at the time of exploration		Route: Fox Road crossing			
Drill Rig: Mobile B-47			Refer to boring location plan		Hurricane Creek			
Sampling: split-spoon (SS)			*Sample contained frequent sand seams making sample unsuitable for unconfined test					
shelby tube (ST)								

BORING 1

NOBLE		Structure #: 012-3333	BORING No. B-2	water level reading					
ENGINEERING CONSULTANTS		County: Clark, IL	Sheet No. 1 of 1	1st encounter: 9'					
Client: Clark County Highway Dept.		Weather: Sunny	Temperature: Teens	water level reading					
Driller: Noble Engineering Consultants		Date Start: 2-17-06	Surface Elevation: See Comments	@completion: cave 11'					
Location: 05-00261-00-BR		Date Finished: 2-17-06	Driller: Eric Seals	Backfill: soil cuttings					
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qu (tsf)	Soil Description	Moisture (%)	Elev.
1							0.0'-7.0' Sandy, bwn FILL		
2	SS-1	1.0'-2.5'	6	2-3-3	70		w/ pea gravel in upper 12"	16.6	
3									
4	SS-2	3.5'-5.0'	6	2-2-4	90			18.4	
5									
6	SS-3	6.0'-7.5'	8	3-4-4	90		7.0'-9.0' Silty POSSIBLE FILL, bwn	13	
7									
8									
9	SS-4	8.5'-10.0'	3	2-1-2	100		9.0'-16.0' SILTY FINE TO MEDIUM SAND, tr. gravel, v. Loose to loose, wet, bwn	23.8	
10									
11									
12									
13									
14	SS-5	13.5'-15.0'	7	3-4-3	100		16.0'-18.5' CLAYEY SILTY LOAM, w/ frequent wet sand seams, tr.-sm gravel, gy	27.6	
15									
16									
17									
18									
19	SS-6	18.5'-20.0'	50+	38-50/2"	100		18.5'-30.0' HIGHLY WEATHERED SHALE	6.7	
20	ST-1	20.0'-20.3'				see comments			
21									
22									
23									
24	SS-7	23.5'-25.0'	50+	14-50/5"	100			9.2	
25									
26									
27									
28									
29									
30	SS-8	28.5'-30.0'	50+	14-14-50/5.8"	100		EOB 30.0'	14.3	
Drilling Method: HSA (3-3/4" id)		Comments	Unconfined Compression Strength is denoted as Qu		Hammer type: Cathead				
Depth: 0' to 30.0'			Elevation information was not available at the time of exploration		Route: Fox Road crossing				
Drill Rig: Mobile B-47			Refer to boring location plan		Hurricane Creek				
Sampling: split-spoon (SS)			*sample refusal with no recovery						
shelby tube (ST)									

BORING 2

HAMPTON, LENZINI & RENWICK, INC.
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PROJECT NUMBER: 12-23-0025-1 DATE: 05/10/06
 DESIGNED: J.W.F. CHECKED: S.W.M. DRAWN: D.T.M.

BORINGS

SECTION 05-00261-00-BR

F.A.S. 690 / C.H. 22 / FOX ROAD

CLARK COUNTY

STRUCTURE NO. 012-3333 / STATION 10+00