NOBLE				BORING No. B-2				water level reading		
ENGINEERING CONSULTANTS			County: Clay, IL				Sheet No. 1 of 2	1st encounter: 9'		
Client: Clay County Highway Dept.			Weather: overcast				Temperature:low 50's	water level reading		
Driller: Noble Engineering Consultants			Date Start: 3-08-11				Surface Elevation: Bridge Deck	@completion		Dry Cave 6'
Location: Structure #3123 Stanford			Date Finished: 3-09-11				Driller: Eric Seals	Backfill:		Soil Cuttings
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qp (tsf)*	Soil Description	w %	USC Class.	Elev.**
1										-2
2	SS-1	1.0'-2.5'	9	2-4-5	30	1.25	0.0'-1.5' silt, clay, sand, etc POSSIBLE FILL	23.4	CL	-3
3										-4
4	SS-2	3.5'-5.0'	4	2-2-2	30	0.5	1.5'-6.0' SILTY CLAY, trace to some sand, trace gravel, medium, brown	18.6	CL	-5
5										-6
6	SS-3	6.0'-7.5'	9	2-4-5	40	-		20.3	SM	-7
7										-8
8										-9
9	SS-4	8.5'-10.0'	5	1-2-3	50	1.0	6.0'-9.0' SILTY FINE SAND, trace gravel, loose, wet, brown	33.1	CL	-10
10										-11
11										-12
12										-13
13										-14
14	SS-5	13.5'-15.0'	45	8-21-23	100	4.5+	9.0'-14.0' SILTY CLAY, trace to some sand, trace to some gravel, stiff, brown	11.4	CH	-15
15							mottled gray			-16
16										-17
17										-18
18										-19
19	SS-6	18.5'-20.0'	27	7-11-16	100	2.5	14.0'-49.0' CLAY, trace to some sand, trace to some gravel, hard to medium,	15.7	CH	-20
20							gray			-21
21										-22
22										-23
23										-24
24	SS-7	23.5'-25.0'	29	7-11-18	100	3.0		14.5	CH	-25
25										-26
26										-27
27										-28
28										-29
29										-30
30	SS-8	28.5'-30.0'	12	4-5-7	100	1.5		20.7	CH	-31
Drilling Method: HSA (2-1/4" Id)				comments	* Qp test is an estimate of the unconfined compressive strength performed					
Depth: 0' to 49.2'					by a compact calibrated spring loaded cylinder					
Drill Rig: Mobile B-47					** ground surface elevation at boring location is estimated and is not surveyed					
Sampling: split-spoon (SS)										

NOBLE				BORING No. B-2				water level reading		
ENGINEERING CONSULTANTS			County: Clay, IL				Sheet No. 2 of 2	1st encounter: 9'		
Client: Clay County Highway Dept.			Weather: Overcast				Temperature:low 50's	water level reading		
Driller: Noble Engineering Consultants			Date Start: 3-08-11				Surface Elevation: Bridge Deck	@completion		Dry cave 6'
Location: Structure #3123 Stanford			Date Finished: 3-09-11				Driller: Eric Seals	Backfill:		Soil Cuttings
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qp (tsf)*	Soil Description	w %	USC Class.	Elev.**
31										-32
32										-33
33										-34
34	SS-9	33.5'-35.0'	8	3-4-4	100	0.75	14.0'-49.0' CLAY, trace to some sand, trace to some gravel, hard to medium,	24.3	CH	-35
35							gray			-36
36										-37
37										-38
38										-39
39	SS-10	38.5'-40.0'	20	5-9-11	100	1.25		25.1	CH	-40
40										-41
41										-42
42										-43
43										-44
44	SS-11	43.5'-45.0'	20	8-9-11	100	-		22.9	CH	-45
45										-46
46										-47
47										-48
48										-49
49	SS-12	48.5'-50.0'	118+	18-100/2"	100	-	49.0'-49.2' HIGHLY WEATHERED SHALE	12.5		-50
50										-51
							EOB 49.2'			
Drilling Method: HSA (2-1/4" Id)				comments	* Qp test is an estimate of the unconfined compressive strength performed					
Depth: 0' to 49.2'					by a compact calibrated spring loaded cylinder					
Drill Rig: Mobile B-47					** ground surface elevation at boring location is estimated and is not surveyed					
Sampling: split-spoon (SS)										

BORING 2