

NOBLE		BORING No. B-1A		water level reading						
ENGINEERING CONSULTANTS		County: Jasper, IL	Sheet No. 1 of 2	1st encounter: 14'						
Client: Jasper County Highway Dept.		Weather: overcast	Temperature: low 50's	water level reading						
Driller: Noble Engineering Consultants		Date Start: 11-23-11	Surface Elevation: 485**	@completion	wet cave 12'					
Location: Structure #040-6000		Date Finished: 11-23-11	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										484
2										483
3										482
4										481
5										479
6										479
7										478
8										477
9							BLANK DRILLED TO 43.5'			476
10										475
11										473
12										473
13										472
14							Heaving sands encountered at 14'			471
15										470
16										469
17										468
18										467
19										466
20										465
21										464
22										463
23										462
24										461
25										460
26										459
27										458
28										457
29										456
30										455
Drilling Method: HSA (2-1/4" Id)		Depth: 0' to 45.0'		Drill Rig: Mobile R-47		Sampling: split-spoon (SS)		comments: * Qp test is an estimate of the unconfined compressive strength performed by a compact calibrated spring loaded cylinder. ** ground surface elevation at boring location is estimated and is not surveyed and is based on bridge deck elevation of 485.23		

B-1A

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ENGINEERING CONSULTANTS		County: Jasper, IL	Sheet No. 2 of 2	1st encounter: 14'						
Client: Jasper County Highway Dept.		Weather: Overcast	Temperature: low 50's	water level reading						
Driller: Noble Engineering Consultants		Date Start: 11-23-11	Surface Elevation: Bridge Deck**	@completion	wet cave 12'					
Location: Structure #040-6000		Date Finished: 11-23-11	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										454
32										53
33										52
34										51
35										50
36										449
37										448
38										447
39										446
40										445
41										444
42										444
43										443
44										442
45	SS-1	43.5'-45.0'	100+	70-89-102/5	100	1.5*	CLAYEY SILT (FI), trace to some sand, trace gravel, hard, gray			441
46							TOP 43.5'			440
										439
										438
										437
										436
										435
										435
Drilling Method: HSA (2-1/4" Id)		Depth: 0' to 45.0'		Drill Rig: Mobile R-47		Sampling: split-spoon (SS)		comments: * Qp test is an estimate of the unconfined compressive strength performed by a compact calibrated spring loaded cylinder. ** ground surface elevation at boring location is estimated and is not surveyed and is based on bridge deck elevation of 485.23		