Illinois Department of Transportation
Division of Highways
District #3, Ottawa

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SOIL BORING LOG

Date 3/8/10

ROUTE I-80 DESCRIPTION West Bound Three Rivers Rest Area Overhead Sign (MP 118.7) LOGGED BY Larry Myers

SECTION LOCATION SW 1/4, SEC. 4, TWP. 34N, RNG. 8E

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3C032I080L118.7
Station 1548+35

BORING NO. 1
Station 1547+81
Offset 84.00ft Lt.
Ground Surface Elev. 552.37 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 531.ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, Shoulder Stone					
	549.87				
Very Stiff, Brown, Silty Clay Loam, Till with Gravel & Oversize Rock, Fill			4		
			4	2.5	15.2
			4	P	
		-5			
			3		
			4		24.8
			5		
	544.87				
Loose, Brown, Loamy, Fine to Coarse Sand			3		
			2		19.3
			1		
	542.37	-10			
Medium to Dense, Clean, Brown, Fine to Coarse Sand & Fine to Coarse Gravel with Free Water @ 20.5'			3		
			6		5.4
			9		
			61		
			28		5.1
			32		
		-15			
			21		
			28		3.4
			32		
			22		
			24		5.4
			29		
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium to Dense, Clean, Brown, Fine to Coarse Sand & Fine to Coarse Gravel with Free Water @ 20.5' (continued)		▼	9		
			21		14.0
			29		
			18		
			21		12.8
			26		
		-25			
			19		
			22		14.4
	525.87		31		
End of Boring					
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

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SOIL BORING LOG

Date 3/12/10

ROUTE I-57 DESCRIPTION North Bound Buckley Rest Area Overhead Sign (MP 268.0) LOGGED BY Larry Myers

SECTION LOCATION NE 1/4, SEC. 16, TWP. 24N, RNG. 10E

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3C038I057R268.0
Station 1442+55

BORING NO. 1
Station 1442+30
Offset 23.00ft Lt. (EOP)
Ground Surface Elev. 735.46 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 715.ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, White Shoulder Stone, Black, Gray, Silty Clay Loam, Fill					
	732.96				
Very Stiff, Black & Gray, Silty Clay Loam/Silty Clay, Fill			3		
			4	3.5	23.5
			4	P	
	730.96				
Stiff, Gray/Brown, Silty Clay		-5	2		
			3	1.5	33.5
			3	P	
	727.96				
Very Stiff/Hard, Brown & Gray, Silty Clay Loam/Silty Clay, Till			3		
			5	3.8	20.6
			7	B	
		-10			
			7		
			11	6.1	19.3
			17	S	
			9		
			17	6.8	20.9
			23	S	
		-15			
			8		
			16	6.5	22.7
			21	S	
	718.46				
Hard, Gray, Silty Clay Loam, Till			5		
			6	4.6	18.3
			8	S	
		▽ -20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard, Gray, Silty Clay Loam, Till (continued)			6		
			8	5.1	17.9
			11	S	
		-25			
			5		
			7	4.1	22.2
	708.96		9	S	
End of Boring					
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME = c:\pw_work\pwidot\woodshankr1\d0235124\46131-Details.dgn	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -
		DRAWN - RON WOODSHANK	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Sep 23, 2010 - 09:39:33 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS – LOCATION 3 AND 4

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D-3 OVD SIN STR REPL 2011-08	VAR	25	24
		CONTRACT NO. 46131		
	ILLINOIS			