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

SOIL BORING LOG

Date 3/12/10

ROUTE I-57 DESCRIPTION South Bound Buckley Rest Area Overhead Sign (MP 269.3) LOGGED BY Larry Myers

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

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3C038I057R269.3
Station 1374+43.98

BORING NO. 1
Station 1374+42.98
Offset 48.00ft Rt. (EOP)
Ground Surface Elev. 707.92 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dryft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, Black, Silty Clay Loam, Fill with Gravel Pieces	702.92	-5			
Very Stiff, Gray & Brown, Silty Clay	700.92		3		
			4	2.5	25.8
			5	P	
Very Stiff, Brown & Gray, Silty Clay Loam, Till	698.42	-10	4		
			5	3.6	20.9
			6	B	
Hard, Brown & Gray, Silty Clay Loam, Till	695.42	-15	5		
			6	5.1	18.4
			9	S	
Hard/Very Stiff, Gray, Silty Clay Loam, Till	690.42	-20	5		
			6	4.3	17.3
			9	B	
Very Stiff, Gray, Silty Loam/Silty Clay Loam, Till		-25	3		
			4	2.5	20.5
			5	B	
		-30	3		
			4	2.4	24.8
			5	B	
		-35	3		
			4	3.2	19.1
			7	B	
		-40	3		
			4	3.0	14.7
			6	B	
End of Boring	681.42				

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\woodshankrl\d0235124\46131-Details.dgn	USER NAME = woodshankrl	DESIGNED - RON WOODSHANK	REVISED -
		DRAWN - RON WOODSHANK	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Sep 23, 2010 - 09:40:02 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS – LOCATION 3 AND 4

SCALE: SHEET NO. 2 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	25
		CONTRACT NO. 46131		
		ILLINOIS		