

SOIL BORING LOG

Date 8/21/12

ROUTE IL 71 DESCRIPTION IL 71 over a Stream, 4.1 miles North of I-80 LOGGED BY Larry Myers

SECTION 4 LOCATION SW 1/4, SEC. 13, TWP. 34N, RNG. 4E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T ure (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T ure (%)	Description	Elev. (ft)
050-2562 (Exist.) 343+28														Augered HMA Shoulder, Brown Sand & Gravel Fill and Brown Silty Clay Loam Fill	
														Hard Gray Silty Clay Loam Till (continued)	
1 (S.E. Quad.) 343+12															
17.00ft Rt. 649.21															
Very Stiff Black, Brown & Green Silty Clay Loam & Silty Clay Fill															
646.71															
Hard Gray Silty Clay Loam Till															
637.21															
Hard Gray Silty Clay Loam Till															
612.71															
End of Boring															

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, form 137 (Rev. 8-99)

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050-2562 (Exist.) 343+28														Augered HMA Shoulder, Brown Sand & Gravel Fill, Black Silty Clay Loam Fill	
														Hard Gray Clay Till (continued)	
2 (N.W. Quad.) 343+46															
16.00ft Lt. 649.03															
Very Stiff Brown, Black & Green Silty Clay Loam/Silty Clay Fill															
646.53															
Hard Brown & Gray Silty Clay Loam Till															
639.03															
Loose Brown Fine Sand, Silt & Minor Clay Interbedded															
634.03															
Hard Gray Clay Till															
632.03															
End of Boring															

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

FILE NAME *	USER NAME * potelyj	DESIGNED - RS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS LOCATION 1: SN 050-2562</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwwork\poidot\potelyj\08311733\03666C	B-shr-detaile.dgn	DRAWN - RS	REVISED -			311	D3 WW REPAIR 2014-1	*	41	11
PLOT SCALE * 100.0000 ' / 1"	CHECKED - RW	REVISED -				* KENDALL & LASALLE		CONTRACT NO. 66C40		
PLOT DATE * 4/3/2013	DATE -	REVISED -				SCALE:	SHEET 5 OF 5 SHEETS	STA. 343+28	ILLINOIS FED. AID PROJECT	