Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 6/8/62

ROUTE I-57 (FAI 57) DESCRIPTION IL 9 over I-57 at Paxton LOGGED BY C.I.B.

SECTION 27-1HB-2 LOCATION NW 1/4, SEC. 18, TWP. 23N, RNG. 10E, 3rd PM.
Latitude , Longitude

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 027-0010
Station 329+98.30

BORING NO. 04 (E. Abut.)
Station 25+97
Offset 14.5 ft Rt.
Ground Surface Elev. 799.98 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion None ft
After 24 Hrs. None ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Brown and Gray Clay Loam				
		18	6.1 S	16
796.48				
Hard Yellowish Brown Clay				
	-5	23	4.5 S	18
793.98				
Hard Brown Clay (Till)				
		27	6.8 S	15
	-10	27	9.3 S	16
		21	7.9 S	18
786.48				
Hard Gray Clay (Till)				
	-15	15	6.4 S	17
		18	4.7 B	18
	-20	15	4.5	18
Hard Gray Clay (Till) *(continued)*			B	
778.98				
Very Stiff Gray Clay (Till)				
		15	3.7 B	18
	-25	13	2.3 B	15
773.98				
Very Stiff Gray Clay (Till) (Occasional Small Silt Pockets)				
		12	2.9 B	16
	-30	14	3.1 B	15
768.98				
Very Stiff Gray Clay (Till)				
		14	2.7 B	17
	-35	15	3.1 B	16
		15	3.1 B	16
	-40	16	3.5	16

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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	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Gray Clay (Till) *(continued)*			B	
758.98				
Hard Gray Clay (Till)				
		20	4.1 B	16
756.48				
Very Stiff Gray Clay (Till) (Occasional thin Silt Layers)				
	-45	16	2.3 B	18
		14	2.3 B	15
	-50	15	3.3 B	19
749.48				
End of Boring				
	-55			
	-60			

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)

FILE NAME = c:\pw_work\pwidot\woodshankrl\d0380312\D366074-sht-details.dgn	USER NAME = woodshankrl	DESIGNED - RON WOODSHANK	REVISED -
		DRAWN - RON WOODSHANK	REVISED -
	PLOT SCALE = 100.00 ' / in.	CHECKED - YOGESH PATEL	REVISED -
	PLOT DATE = 5/19/2014	DATE - 2/10/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS– EAST ABUT.
FOR STRUCTURE NO. 027–0010

SCALE: SHEET NO. 13 OF 13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	(27-1HB-2)HR	FORD	27	27
		CONTRACT NO. 66D74		
		ILLINOIS FED. AID PROJECT		