Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 1/12/10

ROUTE IL 17 (FAP 41) DESCRIPTION IL 17 over Stream, 8.4 miles East of Herscher Road LOGGED BY Larry Myers

SECTION (11) W&RS-1 LOCATION SE 1/4, SEC. 34, TWP. 31N, RNG. 11E

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-2511 (Exist.)
Station 1401+34

BORING NO. 1 (NW Quad.)
Station 1401+26
Offset 15.00ft Lt.
Ground Surface Elev. 624.02 ft

Surface Water Elev. 619.10 ft
Stream Bed Elev. 618.08 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, Gray, Shoulder Stone, Black, Silty Clay Loam Topsoil Fill	621.52				
Hard, Black, Silty Clay Loam Topsoil Fill with Concrete Debris & Large Rocks in Fill			5		
			17	4.5	13.6
			12	P	
		-5			
	618.52		3		22.9
Brown & Gray, Silty Shale Grading to Brown, Dolostone			17		
	617.52		62		10.1
End of Boring		-10			
		-15			
		-20			

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)

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Date 1/12/10

ROUTE IL 17 (FAP 41) DESCRIPTION IL 17 over Stream, 8.7 miles East of Herscher Road LOGGED BY Larry Myers

SECTION (11) W&RS-1 LOCATION SW 1/4, SEC. 35, TWP. 31N, RNG. 11E

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-2512 (Exist.)
Station 1415+45

BORING NO. 1 (NW Quad.)
Station 1415+35
Offset 15.00ft Lt.
Ground Surface Elev. 622.75 ft

Surface Water Elev. 617.91 ft
Stream Bed Elev. 617.71 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, White, Shoulder Stone, Black, Silty Clay Loam Topsoil Fill	620.25				
Hard, Black, Silty Clay Loam Topsoil Fill with Gravel Pieces & Debris			5		
			4	>4.5	16.8
			5	P	
		-5			
			2		
	616.75		3		20.4
Brown & Gray, Silty Shale Grading to Brown, Dolostone	616.25		25		9.3
End of Boring		-10			
		-15			
		-20			

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 = D366905-SHT-BL00.DGN	USER NAME = --	DESIGNED - CMF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT SOIL BORINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - NV/LAG	REVISED -			41	(11)W&RS-1	KANKAKEE	450	169
	PLOT SCALE = NONE	CHECKED - --	REVISED -					CONTRACT NO. 66905		
	PLOT DATE = 07/13	DATE - 07/13	REVISED -		SCALE: NONE SHEET OF SHEETS STA. - TO STA. -			ILLINOIS FED. AID PROJECT		