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

SOIL BORING LOG

Page 1 of 1

Date 8/24/10

ROUTE IL 71 (FAP 311) DESCRIPTION Intersection with Van Emmon Rd & Reservation Rd, South of Oswego LOGGED BY Larry Myers

SECTION (1-1)N, TS LOCATION NW 1/4, SEC. 35, TWP. 37N, RNG. 7E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 1 (N.W. Quad.)
Station 673+11
Offset 76.00ft Lt.
Ground Surface Elev. 641.11 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Black Silty Clay Loam Fill & Brown/Silty Clay Loam Fill	638.61				
Very Stiff Brown Silty Clay Loam Till			5		
			4	2.5	18.8
			4	P	
Soft Light Brown Clay Loam	636.61	-5			
			3		
			2	0.5	17.2
			3	P	
Medium Brown/Tan Fine Gravel to Coarse Gravel - Loamy	633.11		3		
			10	0.5	
			12	P	6.1
Medium Brown Fine to Coarse Sand with some Fine/Medium Gravel	631.11	-10			
			12		
			9		7.5
			6		
			12		
			10		6.4
			12		
		-15			
			10		
			12		7.8
			10		
End of Boring	624.61	-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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ROUTE IL 71 (FAP 311) DESCRIPTION Intersection with Van Emmon Rd & Reservation Rd, South of Oswego LOGGED BY Larry Myers

SECTION (1-1)N, TS LOCATION NW 1/4, SEC. 35, TWP. 37N, RNG. 7E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 2 (S.W. Quad.)
Station 672+24
Offset 37.00ft Lt.
Ground Surface Elev. 639.55 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Black Silty Clay Loam Fill & Brown Silty Clay Loam	637.05				
Stiff to Very Stiff Brown Silty Clay Loam Till			2		
			3	1.0	12.3
			4	P	
		-5			
			8		
			10	3.5	13.2
			12	P	
Medium Brown Fine Sand/Coarse Gravel - Loamy	633.05				
			10		
			12		5.7
			18		
		-10			
			8		
			10		6.1
			12		
Medium Brown Fine/Coarse Sand with Minor Fine/Medium Gravel	627.55				
			5		
			6		4.7
			7		
		-15			
			6		
			7		4.2
			9		
End of Boring	623.05	-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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FILE NAME =	USER NAME = _USER_	DESIGNED - JWB	REVISED -
		DRAWN - JWB	REVISED -
	PLOT SCALE = 5.0000 ' / IN.	CHECKED - RS	REVISED -
	PLOT DATE = 3/31/2011	DATE - 03/31/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 311 (IL 71) AT VAN EMMON / RESERVATION ROADS
SOIL BORING LOGS

SCALE: N.T.S. SHEET NO. -- OF -- SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)N TS	KENDALL	92	64
		CONTRACT NO. 66955		
	ILLINOIS	FED. AID PROJECT		