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SOIL BORING LOG

Geo Services Inc. DATE 10/3/2012
 Geotechnical, Environmental & Civil Engineering
 805 Arthur C. Burlingame Blvd. 204
 Naperville, Illinois 60565
 (630) 355-2638 LOGGED BY MD
 GSI JOB No. 08032

ROUTE F.A. 361 DESCRIPTION Stearns Road (IL Route 25) From Dunham Road To CC&P RR
 SECTION 98-00214-02-BR LOCATION SEC. 1-SW 1/4, TWP. 40 N., RNG. 8 E., 3rd P.M.
 COUNTY Kane DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. 045-3168
 Station -

BORING NO. **UP-05**
 Station: 2001+38 UPRR
 Offset: 27.9' Left
 Ground Surface Elev. 731.5

DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)	Surface Water Elev.	DEPTH H (ft)	BLOW S (/6")	UCS Qu (tsf)	MOIST T (%)
				Stream Bed Elev.				
				n/a				
				n/a				
				Groundwater Elevation:				
				First Encounter				
				Upon Completion				
				After _____ Hrs.				

Blind Drill To -68.5'

-5				-25				
-10				-30				
-15				-35				
-20				-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B= Bulge, S= Shear, P= Penetrometer) ST= Shelby Tube Sample VS= Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)
 NR= No Recovery

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				Stream Bed Elev.				
				n/a				
				n/a				
				Groundwater Elevation:				
				First Encounter				
				Upon Completion				
				After _____ Hrs.				

Blind Drill To -68.5'

-45				-65				
-50				-70				
-55				-75				
-60				-80				

663.0

5 1.92
11
-70 16 4.68 10

25
50/5'

-75 4.5+P 9

654.5

50/5'

-80 NP 7

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B= Bulge, S= Shear, P= Penetrometer) ST= Shelby Tube Sample VS= Vane Shear Test
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FILE NAME =	USER NAME = rgrimo	DESIGNED = JLS	REVISED =
Peru.Br.289.5a-mgc-5.dgn		CHECKED = LRB	REVISED =
	PLOT SCALE =	DRAWN = RMG	REVISED =
	PLT DATE = 12/13/2012	CHECKED = LRB	REVISED =

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**M.P. 37.71 BELVIDERE SUBDIVISION - STRUCTURE NO. 045-3168
 LOG OF BORINGS (5 OF 8)**

SHEET NO. UP-3 OF UP-52 SHEETS

F.A.P. RITE: 361	SECTION 98-00214-18-RP	COUNTY KANE	TOTAL SHEETS 451	SHEET NO. 269
CONTRACT NO. 63598			ILLINOIS FED. AID PROJECT	

X:\10000000\10074\Engineering_Documents_Phase_II\10074\UPRR_Bridge\PLANS\Per-m.Br.-009_Borings-5.dgn 3:10:27 PM 12/13/2012