

SOIL BORING LOG

Geo Services, Inc. Geotechnical, Environmental & Civil Engineering
805 Antwerp Court, Suite 204
Naperville, Illinois 60563
(630) 455-2638

PAGE 1 of 2
DATE 4/21/2011
LOGGED BY RJ
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 Diedrich Automatic

STRUCT. NO. 045-3168
Station _____
BORING NO. **UP-03**
Station: 2001+50 UPRR
Offset: 29.5' Left
Ground Surface Elev. 729.4

DEPTH (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)
12.0"							
728.4	AS	16					
	1	109			3		
	3				9		
726.4	4	0.7B	16		10	NP	13
	2				4		
	2				8		
723.9	-5		12		-25	10	NP 14
	9				3		
	9				5		
	11	NP	6		7	NP	10
	7				8		
	14				8		
	-10	10	NP 8		-30	10	NP 20
	7						
	7						
	11	NP	7				
	10				3		110
	10				6		
	-15	8	NP 9		-35	9	1.8B 19
	6						
	6						
	8	NP	9				
	3				4		108
	8				8		
	-20	12	NP 10		-40	8	1.1B 21

Surface Water Elev. *n/a*
Stream Bed Elev. *n/a*
Groundwater Elevation:
First Encounter *Dry to 15'*
Upon Completion *n/a*
After _____ Hrs. _____

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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DEPTH (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)	DEPTH (ft)	BLOW S (ft)	UCS (tsf)	MOIST (%)
	3						
	5				6		
	-45	9	1.25B 21		-65	11	2.5P 12
	3						
	6				7		
	-50	8	1.3B 20		-70	10	18
	4						
	6						
	-55	9			-75	12	NP 9
	11	1.8S@					
	-60	11	12.7% 12				
	24						

Surface Water Elev. *n/a*
Stream Bed Elev. *n/a*
Groundwater Elevation:
First Encounter *Dry to 15'*
Upon Completion *n/a*
After _____ Hrs. _____

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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NR-No Recovery



FILE NAME =	USER NAME = rjg:mm	DESIGNED = JLS	REVISED =
		CHECKED = LRB	REVISED =
PLOT SCALE =		DRAWN = RMG	REVISED =
PLOT 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 (3 OF 8)**

SHEET NO. UP-7 OF UP-52 SHEETS

F.A.P. RTE. 361	SECTION 06-00214-18-RP	COUNTY KANE	TOTAL SHEETS 451	SHEET NO. 267
CONTRACT NO. 63598			ILLINOIS FED. AID PROJECT	

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