Geo Services, Inc.
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SOIL BORING LOG

PAGE 1 of 1
DATE 6/13/2011
LOGGED BY RT
GSI JOB No. 10191

ROUTE IL. Rte. 25 & IL. Rte. 31 DESCRIPTION Red Gate Road Over The Fox River
SECTION 04-00092-00-BR LOCATION SEC. 15, TWP. 40 N., RNG. 8 E., 3rd P.M., St. Charles Township
COUNTY Kane DRILLING METHOD Hand Auger HAMMER TYPE CME Automatic

STRUCT. NO. XXX
Station XX+XX
BORING NO. **RW-12A**
Station 309+00 IL Route 25
Offset 42.0' Right
Ground Surface Elev. 763.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter Dry
Upon Completion Dry
After ___ Hrs.

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM-brown (A-6)			AS	–	21
			AS	–	17
		-5	AS	–	19
Auger Refusal @ -5.5'	758.1				
End Of Boring					
Hand Auger					

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-25			
-30			
-35			
-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 PS-Pushed Spoon

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10092

FILE NAME = IL25_WALLS_008_BoringLog5.dgn	USER NAME = akeaschall	DESIGNED - MFH	REVISED -
		CHECKED - AJK	REVISED -
	PLOT SCALE =	DRAWN - MFH	REVISED -
	PLOT DATE = 11/9/2011	CHECKED - HMA	REVISED -

CITY OF ST. CHARLES

SOIL BORING LOGS (5 OF 5)
RETAINING WALLS ALONG IL 25
SHEET NO. SR8 OF SR13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	306
		CONTRACT NO. 63650		
	ILLINOIS FED. AID PROJECT			

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