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jmlgus

11/2/2012  
11:32:40 AM

Geo Services, Inc. SOIL BORING LOG PAGE 1 of 1  
 Geotechnical, Environmental & Civil Engineering  
 805 Antwerp - Ogilvie Suite 204  
 Naperville, Illinois 60565  
 (330) 355-2838

DATE 5/5/2010  
 LOGGED BY DR  
 GSI JOB No. 09165

ROUTE II RTE 19 DESCRIPTION Irving Park Rd., York Rd., CPR Grade Separation Pri. D-91-332-06  
 SECTION 32 WRS-5 LOCATION Addison Township T 40 N, R 11 E, NW 1/4 Section 13, 3rd P.M.  
 COUNTY DuPage DRILLING METHOD Hollow Stem Auger/ Rotary HAMMER TYPE CME Automatic

STRUCT. NO. 022-1005  
 Station 20303+84 to 20305+43  
 BORING NO. WB-12  
 Station: 20304+66  
 Offset: 98.0' Left  
 Ground Surface Elev. 660.5

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elevation (ft)	First Encounter Upon Completion (Hrs)	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)
2.0'				n/a	n/a						
AS	-	17									
5								5		112	
6								5			
5	4.5P	18						9	2.3B	19	
7								4		108	
7								5			
5	4.5P	21						25	9	2.75B	19
655.0											
2			89					4		100	
3								6			
3	1.5P	29						7	2.0B	21	
3								6			
3								6			
3								8			
3								10	10	6.7B	17
1			96					6		109	
1								9			
2	1.0P	28						11	6.0B	18	
647.5											
2								3		109	
4								5			
5	NP	14						35	7	0.6B	20
645.0											
3			106					4		108	
4								5			
4	1.0B	21						7	2.2B	20	
3								4		102	
4								7			
5								10	10	2.3B	23
620.5											
4								9		2.1B	20

CLAY-brown & gray-hard (A-6) Fill  
 CLAY-gray-stiff to very stiff (A-6)  
 SILTY CLAY-brown & gray-stiff to very stiff (A-6) Wet  
 CLAY SAND & GRAVEL-brown & gray-loose (A-2)  
 CLAY-gray-stiff to very stiff (A-6)

End Of Boring @ -40.0'  
 Hollow Stem Augers To -10.0'  
 Rotary Drilling To Completion  
 CME Automatic Hammer  
 10.0' Of 4.0" Casing Used

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 SP1 (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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DATE 6/2/2011  
 LOGGED BY MD  
 GSI JOB No. 09165

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 SECTION 32 WRS-5 LOCATION Addison Township T 40 N, R 11 E, NW 1/4 Section 13, 3rd P.M.  
 COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 022-1006  
 Station 20294+86 to 20296+15  
 BORING NO. WB-13  
 Station: 20295+12  
 Offset: 69.0' Left  
 Ground Surface Elev. 666.9

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elevation (ft)	First Encounter Upon Completion (Hrs)	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)
12.0'				n/a	n/a						
AS	-	6									
2								3			
3								5	3.0P	28	
5								3		101	
5								5			
5								5	5	2.25S	24
665.9											
3								3		108	
5								5			
7	4.9S	19						5			
5								5		113	
8								8			
10								10	10	6.7B	17
663.9											
6								6		109	
9								11	6.0B	18	
653.9											
5								5		107	
5								5			
15								15	6	2.5B	20
646.9											
4								4		108	
5								5			
7								7	2.2B	20	
4								4		102	
7								7			
646.9								10	10	2.3B	23
40											

12.0' SAND & GRAVEL-dark brown (Fill)  
 Clayey TOPSOIL-dark brown to black  
 CLAY-brown & gray-very stiff to hard (A-6)  
 CLAY-gray-very stiff (A-5)

End Of Boring @ -20.0'  
 Hollow Stem Augers  
 CME Automatic Hammer

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 SP1 (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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 COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 022-1006  
 Station 20294+86 to 20296+15  
 BORING NO. WB-14  
 Station: 20295+87  
 Offset: 69.0' Left  
 Ground Surface Elev. 665.2

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elevation (ft)	First Encounter Upon Completion (Hrs)	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOIST (%)
12.0'				n/a	n/a						
AS	-	19									
2								2			
2								3	1.25P	27	
3								3			
3								4		109	
4								4			
5								5	5	2.25P	17
664.7											
4								4		109	
6								6			
8								8	3.7B	20	
5								5		106	
9								9			
10								10	13	3.8B	21
652.7											
6								6		106	
9								9			
12								12	2.9B	21	
652.7											
4								4		108	
7								7			
15								15	10	3.0B	19
652.7											
4								4		111	
6								6			
8								8	2.4B	19	
4								4		107	
6								6			
9								9		1.6B	21
645.7											
40											

12.0' Clayey SAND & GRAVEL-brown & black (Fill)  
 CLAY-brown & gray-stiff to very stiff (A-6)  
 CLAY-gray-stiff to very stiff (A-6)

End Of Boring @ -20.0'  
 Hollow Stem Augers  
 CME Automatic Hammer

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



USER NAME = jmlgus	DESIGNED - BWC	REVISED -
FILE NAME = WXXX-60B42-038-SBL.DGN	CHECKED - JAR	REVISED -
PLOT SCALE = NONE	DRAWN - JM	REVISED -
PLOT DATE = 11/2/2012	CHECKED - JAR	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
 CPR RETAINING WALLS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345A	32VB	DU PAGE	388	240
CONTRACT NO. 60W01				
ILLINOIS FED. AID PROJECT				

SHEET NO. 38 OF 42 SHEETS