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**SOIL BORING LOG**

Geo Services, Inc.  
Geotechnical, Environmental & Civil Engineering  
805 Arquet-Copple Drive 204  
Naperville, Illinois 60565  
(630) 355-2838

DATE 5/9/2011  
LOGGED BY RJ  
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 HAMMER TYPE CME Automatic

STRUCT. NO. 022-1004  
Station 20296+24 to 20298+28  
BORING NO. **WB-15**  
Station: 20296+45  
Offset: 29.0' Left  
Ground Surface Elev. 666.1

DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOIST (%)
AS	-	62		n/a	n/a	AS	-	62	
2		96				2		96	
4						4			
6	3.1B	26				6	3.9B	19	
2		96				4			
3						4			
5	3	2.1B	25			6	4.25P	20	
6	5.25B	19				8	5.65P	108	
5		110				12	12.7%	20	
9						5		113	
10	6.0B	19				9			
4		114				10	6.7B	17	
6						12			
10	4.8B	17				2		111	
5		108				4			
7	2.6B	18				7	4.6B	19	
15						2		105	
3		104				3		102	
5						3			
8	3.6B	20				5	2.1B	21	
3						6			
6						7	1.6B	21	
7	2.5P	20				15			
20						3		102	
						5			
						3			
						5	2.1B	21	
						6			
						7	1.0B	18	
						20			

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 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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805 Arquet-Copple Drive 204  
Naperville, Illinois 60565  
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DATE 5/10/2011  
LOGGED BY MD  
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 HAMMER TYPE CME Automatic

STRUCT. NO. 022-1004  
Station 20296+24 to 20298+28  
BORING NO. **WB-16**  
Station: 20296+95  
Offset: 29.0' Left  
Ground Surface Elev. 665.8

DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOIST (%)
AS	-	36		n/a	n/a	AS	-	36	
2		107				2		107	
4						4			
6	3.9B	19				6	4.25P	20	
4						8	5.65P	108	
4						12	12.7%	20	
6	4.25P	20				5		113	
4		108				9			
8	5.65P	108				10	6.7B	17	
12	12.7%	20				12			
5		113				2		111	
9						4			
10	6.7B	17				7	4.6B	19	
2		111				2		105	
4						3		102	
7	4.6B	19				3			
2		105				5	2.1B	21	
3		102				6			
15	1.6B	21				7	1.0B	18	
3		102				20			
5	2.1B	21							
6									
7	1.0B	18							
20									

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 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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COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 022-1004  
Station 20296+24 to 20298+28  
BORING NO. **WB-17**  
Station: 20297+45  
Offset: 29.0' Left  
Ground Surface Elev. 666.0

DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOIST (%)	Surface Water Elev.	Stream Bed Elev.	DEPTH (ft)	BULGE (ft)	UCS (tsf)	MOIST (%)
AS	-	27		n/a	n/a	AS	-	27	
4		110				4		110	
5						5			
8	4.25P	19				8	4.35P	109	
4		110				10	7.3B	19	
7	5.55P					3		109	
9	12.7%	19				5	4.35P	109	
5		112				8			
10	7.3B	19				10	1.8B	21	
3		109				6			
5	4.35P	109				10	1.8B	21	
8	12.7%	19				4		108	
10						6			
4		108				10	1.8B	21	
6						4			
10	1.8B	21				4			
4		108				5			
6						8			
15						8			
3		109				8			
5	4.35P	109				5			
8	12.7%	19				6			
4		108				7	1.0B	18	
6						20			
10	1.8B	21							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							
8	12.7%	19							
4		108							
6									
10	1.8B	21							
4		108							
6									
15									
3		109							
5	4.35P	109							