

PAGE 1 of 1  
DATE 4/4/2012  
LOGGED BY MD  
GSI JOB No. 10196

**SOIL BORING LOG**

Geo Services, Inc.  
Geotechnical, Environmental & Civil Engineering  
805 Amherst Court, Suite 204  
Naperville, Illinois 60565  
(630) 353-2838

ROUTE F.A.I. RTE. 57 DESCRIPTION I-57 at Stuenkel Road Interchange, Contract No. 60L69  
SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & B. T. 34 N., R. 13 E., 3rd P.M., Monee Township  
COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. ---  
Station: ---  
BORING NO. **CB-01**  
Station: 16043+07 Stuenkel Road  
Offset: 93.0' Left  
Ground Surface Elev. 755.5

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	SOIL DESCRIPTION			
				DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)
754.5	AS	-	27	SAND-gray-loose (A-3)			
1			97	2			180
3				4			
3	1.5B		26	6	3.4B		15
752.5							
1			104	3			118
2				5			
4	1.2B		21	9	1.8B		16
4			118	3			119
6				3			
8	5.0B		17	4	0.8B		18
4			118	2			108
7				3			
10	6.0B		16	5	0.9B		21
745.0							
3			116				
5							
7	2.4B		17				
3			112				
4							
8	2.3B		18				
3							
3							
3	1.0B		21				
737.0							
2							
3							
5	NP		24				

Surface Water Elev. n/a  
Stream Bed Elev. n/a  
Groundwater Elevation:  
First Encounter 737.0  
Upon Completion 732.0  
After Hrs. ---

End Of Boring @ -30.0'  
Hollow Stem Augers  
Diedrich 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 T208) The Unit Dry Weight (pcf) is noted in Italics above moist (%)  
NR-No Recovery

PAGE 1 of 1  
DATE 12/9/2011  
LOGGED BY RT  
GSI JOB No. 10196

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SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & B. T. 34 N., R. 13 E., 3rd P.M., Monee Township  
COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. ---  
Station: ---  
BORING NO. **CB-02**  
Station: 16043+81 Stuenkel Road  
Offset: 12.0' Left  
Ground Surface Elev. 757.5

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	SOIL DESCRIPTION			
				DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)
756.5	AS	-	7	SAND, GRAVEL & STONE (Fill)			
3							108
4							
5	4.25B		23				
754.5							
5			105				
4							
3	1.9B		21				
732.0							
2			105				
4							
5	4.2B		21				
729.5							
5			115				
10							
14	8.7B		16				
747.0							
4			115				
8							
10	5.75B		17				
5			100				
5							
8	2.9B		25				
747.0							
5			119				
7							
11	2.9B		16				
727.5							
3			112				
8							
9	5.6B		17				

Surface Water Elev. n/a  
Stream Bed Elev. n/a  
Groundwater Elevation:  
First Encounter 742.5  
Upon Completion 739.5  
After Hrs. ---

End Of Boring @ -30.0'  
Hollow Stem Augers  
Diedrich 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 T208) The Unit Dry Weight (pcf) is noted in Italics above moist (%)  
NR-No Recovery