Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

081-7003 Proposed MSE Wall @ John Deere Road, along south side of 38th Avenue, 400' W. of 35th Street

Page 1 of 1

Date 9/28/12

ROUTE FAP 595 DESCRIPTION LOGGED BY W. Garza

SECTION (142-1)R-1 & 142-1HB LOCATION SEC. TWP. RNG.

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 081-7003
Station 527+00

BORING NO. B-9
Station 527+00
Offset 26.00ft Lt CL
Ground Surface Elev. 569.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 555.2 ft ▼
Upon Completion 555.2 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE dark gray LOAM	568.20				12
MEDIUM tan fine SAND	565.70		11 8 5		10
MEDIUM light gray SILTY LOAM	563.70	-5	2 2 3	0.7 B	30
MEDIUM light gray SILTY LOAM	561.20		0 1 2	0.5 B	49
SOFT gray SILTY LOAM	558.70	-10	1 1 2	0.3 B	42
SOFT gray SILTY LOAM with 11% ORGANICS	555.70		0 1 2	0.4 B	51
LOOSE gray fine SAND	553.20	-15	1 1 5		
VERY DENSE gray weathered SHALE Auger Refusal @ 19'	550.70		10 20 37		
End of Boring		-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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Date 9/28/12

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SECTION (142-1)R-1 & 142-1HB LOCATION SEC. TWP. RNG.

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 081-7003
Station 527+00

BORING NO. B-10
Station 527+01
Offset 21.00ft Rt CL
Ground Surface Elev. 569.3 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 557.3 ft ▼
Upon Completion 557.3 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM gray LOAM	567.30			0.5 P	9
STIFF tan SILTY CLAY LOAM	565.80		3 3 3	1.5 P	22
MEDIUM light gray SILTY LOAM	563.30	-5	0 2 2	0.5 B	32
MEDIUM light gray SILTY LOAM	560.80		1 2 0	0.7 B	34
SOFT gray SILTY LOAM with 10% ORGANICS	557.80	-10	0 1 2	0.4 B	57
MEDIUM gray clean medium coarse SAND	555.80		0 4 6		
MEDIUM gray SANDY GRAVEL Auger Refusal @ 16.5'	552.80	-15	10 13 13		
End of Boring		-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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ROUTE FAP 595 DESCRIPTION LOGGED BY W. Garza

SECTION (142-1)R-1 & 142-1HB LOCATION SEC. TWP. RNG.

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 081-7003
Station 528+00

BORING NO. B-11
Station 528+00
Offset 26.00ft Lt CL
Ground Surface Elev. 570.9 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 558.9 ft ▼
Upon Completion 556.9 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan LOAM	568.90			0.5 P	11
VERY STIFF tan LOAM	566.90		5 5 5	3.2 P	11
MEDIUM gray fine SAND	564.40	-5	6 9 8		
STIFF gray SILTY LOAM	562.40		2 3 4	1.1 B	38
MEDIUM light gray SILTY LOAM	559.90	-10	0 2 2	0.6 B	32
SOFT gray SILTY LOAM	556.90 ▽		0 0 0	0.3 B	49
VERY DENSE gray weathered SHALE	554.40	-15	0 0 100/6"		
End of Boring		-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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Clorba Group, Inc.
CONSULTING ENGINEERS
5027 North Cumberland Avenue
Suite 402 Chicago, Illinois 60656
Tel: 773.775.4009
Fax: 773.775.4014
Email: chicago@clorba.com

USER NAME = mteng	DESIGNED - SMY	REVISED -	
	CHECKED - BWS	REVISED -	
PLOT SCALE = 0.1667 ' / in.	DRAWN - SRG	REVISED -	
PLOT DATE = 3/11/2013	CHECKED - BWS	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 1
STRUCTURE NO. 081-7003

SHEET NO. SB-18 OF SB-21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(142-1)R-1 and 142-1HB	ROCK ISLAND	507	360
		CONTRACT NO. 64B84		
		ILLINOIS FED. AID PROJECT		