



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

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

Date 9/27/12

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 530+00
BORING NO. B-15 Station 530+00
Offset 20.00ft Lt CL
Ground Surface Elev. 565.1 ft

DEPTH	BLU	UCS	M
TH	W	S	O
S	Qu	T	I
(ft)	(/6")	(tsf)	(%)

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 557.1 ft
Upon Completion 558.1 ft
After _____ Hrs. _____ ft

MEDIUM brown LOAM with 9% ORGANICS		0.5	42	
		P		
MEDIUM dark gray SILTY CLAY LOAM	563.10	2	25	
		2		
	561.60	4	B	
SOFT gray SILTY LOAM		1	46	
		1		
	558.60	3	B	
SOFT gray LOAM with SAND lens		1	60	
		1		
	556.10	6	P	
VERY DENSE gray weathered SHALE		13		
		20		
	554.10	75		
End of Boring				

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 T208)
BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

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

Date 9/27/12

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 530+00
BORING NO. B-16 Station 530+00
Offset 25.00ft Rt CL
Ground Surface Elev. 565.2 ft

DEPTH	BLU	UCS	M
TH	W	S	O
S	Qu	T	I
(ft)	(/6")	(tsf)	(%)

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 557.2 ft
Upon Completion 557.2 ft
After _____ Hrs. _____ ft

MEDIUM dark gray SILTY CLAY LOAM		0.8	23	
		P		
MEDIUM gray SILTY CLAY LOAM	563.20	2	24	
		3		
	561.70	4	B	
MEDIUM gray SILTY LOAM		1	23	
		2		
	558.70	3	B	
VERY SOFT gray LOAM with SAND lens		1	54	
		4		
	556.20	7	P	
VERY DENSE light gray weathered SHALE		10		
		100/8'		
End of Boring	554.20			

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 T208)
BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

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

Date 9/27/12

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 531+00
BORING NO. B-17 Station 531+00
Offset 19.00ft Lt CL
Ground Surface Elev. 565.3 ft

DEPTH	BLU	UCS	M
TH	W	S	O
S	Qu	T	I
(ft)	(/6")	(tsf)	(%)

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 558.3 ft
Upon Completion 558.3 ft
After _____ Hrs. _____ ft

SOFT brown with 29% ORGANICS			117	
MEDIUM gray LOAM with SAND lens	563.30	1	21	
		1		
	561.80	3	B	
MEDIUM gray SILTY LOAM		0	37	
		1		
	558.80	2	B	
MEDIUM light gray clean medium coarse SAND		2		
		5		
	556.30	6		
Wash VERY DENSE light gray weathered SHALE		5		
		100/8'		
End of Boring	554.30			

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 T208)
BBS, from 137 (Rev. 8-99)

N:\PROJECTS\03033333\03033333\CONTRACT_1\Design\Structure\1\CAD\Retaining_Wall_081-7003\081-7003_20_Soil_Boring_Logs_3.dgn



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

DESIGNED - SMY
CHECKED - BWS
DRAWN - SRG
CHECKED - BWS

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS 3
STRUCTURE NO. 081-7003**

SHEET NO. SB-20 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	362
CONTRACT NO. 64884				

ILLINOIS FED. AID PROJECT