



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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081-7002 Proposed MSE Wall @ John Deere Road, along south side of 38th Avenue, 400' W. of 35th Street
Date 9/20/12

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. 081-7002
Station 522+00
BORING NO. B-4
Station 522+00
Offset 25.00ft Rt CL
Ground Surface Elev. 572.3 ft

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

SOIL DESCRIPTION	DEPTH (ft)	B (ft)	L (in)	U (lb)	M (%)
DRY brown SILTY CLAY LOAM	17				
VERY STIFF dark gray SILTY LOAM	570.30 - 568.80	4	4	2.8	15
HARD brown SILTY CLAY LOAM	568.80 - 566.30	4	6	5.9	15
SOFT light gray SANDY LOAM	566.30 - 563.30	1	1	0.3	24
VERY DENSE light gray SANDSTONE	563.30 - 561.30	2	15		9
VERY DENSE light gray SANDSTONE	561.30 - 558.80	100/1			
End of Boring	558.80				

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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081-7002 Proposed MSE Wall @ John Deere Road, along south side of 38th Avenue, 400' W. of 35th Street
Date 9/24/12

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. 081-7002
Station 523+00
BORING NO. B-5
Station 523+00
Offset 25.00ft Lt CL
Ground Surface Elev. 569.5 ft

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

SOIL DESCRIPTION	DEPTH (ft)	B (ft)	L (in)	U (lb)	M (%)
DRY light brown SILTY CLAY LOAM	16				
VERY STIFF dark brown SILTY CLAY LOAM	567.50 - 566.00	2	3	2.6	18
STIFF dark gray SILTY CLAY LOAM	566.00 - 563.50	4	3	1.9	22
MEDIUM gray CLAY LOAM	563.50 - 561.00	2	2	0.7	44
VERY SOFT gray SILTY LOAM with SAND lens	561.00 - 558.00	0	0	0.1	38
VERY DENSE gray SHALE	558.00 - 556.00	34	100/8		
End of Boring	556.00				

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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. 081-7002
Station 523+00
BORING NO. B-6
Station 523+00
Offset 25.00ft Rt CL
Ground Surface Elev. 569.3 ft

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

SOIL DESCRIPTION	DEPTH (ft)	B (ft)	L (in)	U (lb)	M (%)
VERY STIFF light brown SILTY CLAY LOAM	18				
HARD dark brown SILTY CLAY LOAM	567.30 - 565.80	3	3	4.2	19
STIFF gray SILTY CLAY LOAM	565.80 - 563.30	3	3	1.5	21
MEDIUM gray CLAY LOAM with 5% ORGANICS	563.30 - 560.80	2	2	0.7	43
STIFF tan LOAM with SILT lens	560.80 - 557.80	0	2	1.0	28
VERY DENSE gray SHALE	557.80 - 555.80	40	100/7		
End of Boring	555.80				

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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USER NAME = mteng	DESIGNED - APD	REVISED -
	CHECKED - BWS	REVISED -
PLOT SCALE = 0.2" = 1' - 0"	DRAWN - RD	REVISED -
PLOT DATE = 3/11/2013	CHECKED - BWS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS 2
STRUCTURE NO. 081-7002**

SHEET NO. SA-15 OF SA-16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(142-1)R-1 AND 142-1HB	ROCK ISLAND	507	341
				CONTRACT NO. 64B84

ILLINOIS FED. AID PROJECT