



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

**SOIL BORING LOG**

Page 1 of 1

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

Date 9/25/12

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 D E L U M  
Station 524+00 P L O S  
BORING NO. B-7 T W S Qu T  
Station 524+00 H S Qu T  
Offset 25.00ft Lt CL Groundwater Elev.:  
Ground Surface Elev. 567.7 ft (ft) (ft) (tsf) (%) First Encounter None ft  
Upon Completion Dry ft  
After Hrs. ft

Soil Description	Depth (ft)	Blow Count (SPT)	Failure Mode
MEDIUM light brown SILTY CLAY LOAM	0 - 565.70	0.5 P	27
MEDIUM dark gray SILTY CLAY LOAM	565.70 - 564.20	3 P	37
MEDIUM gray CLAY LOAM	564.20 - 561.70	2 B	32
SOFT gray CLAY LOAM with 11% ORGANICS	561.70 - 559.20	1 B	61
SOFT gray SILTY CLAY with 19% ORGANICS	559.20 - 557.20	1 B	105
VERY DENSE gray SHALE	557.20 - 555.70	18 P	
End of Boring	555.70	32	61

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 10/1/12

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 D E L U M  
Station 524+00 P L O S  
BORING NO. B-8 T W S Qu T  
Station 524+00 H S Qu T  
Offset 27.00ft Rt CL Groundwater Elev.:  
Ground Surface Elev. 567.5 ft (ft) (ft) (tsf) (%) First Encounter None ft  
Upon Completion Dry ft  
After Hrs. ft

Soil Description	Depth (ft)	Blow Count (SPT)	Failure Mode
LOOSE light brown SILTY LOAM	0 - 565.50	18	
MEDIUM dark gray SILTY CLAY LOAM	565.50 - 564.00	3 P	33
MEDIUM dark gray SILTY CLAY LOAM	564.00 - 561.50	2 B	32
VERY SOFT light gray CLAY LOAM with 10% ORGANICS	561.50 - 559.00	1 B	67
VERY SOFT gray SILTY CLAY with 13% ORGANICS, SHALE lens	559.00 - 558.00	1 P	83
VERY DENSE gray weathered SHALE	558.00 - 554.00	24 P	
End of Boring	554.00	25	42

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)

N:\PROJECTS\081-7002\CONTRACT\1\Design\Structure\1\CAD\Retaining Wall\081-7002\081-7002.16.Soil.Boring\_Logs.3.dgn



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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS 3  
STRUCTURE NO. 081-7002**

SHEET NO. SA-16 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	342
CONTRACT NO. 64B84				

ILLINOIS FED. AID PROJECT