



Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.
FAS Route 1380
(IL RTE 91)

SOIL BORING LOG

Page 1 of 1

Date 10/11/11

ROUTE (IL RTE 91) DESCRIPTION Retaining Wall Boring - IL 91 LOGGED BY SCI (CNC)

SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM,
Latitude , Longitude

COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE N/A

STRUCT. NO. N/A
Station N/A
BORING NO. B-3
Station 100+90.43
Offset 50.5 ft RT
Ground Surface Elev. 716.5 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
First Encounter N/A ft
Upon Completion N/A ft
After N/A Hrs. N/A ft

DEPTH (ft)	DIAMETER (in)	UNIFORMITY COEFFICIENT (U)	MOISTURE (%)	SOIL DESCRIPTION
0 - 2				TOPSOIL - 2 inches
2 - 3	0.6	25		SILT: Brown and gray [A-4 (7)] LL: 29 PI: 7
3 - 5	1.4	13		CLAY: Brown to dark brown, trace sand and gravel [A-7]
5 - 7	2.3	15		
7 - 10	2.1	13		
10 - 13	1.9	13		
13 - 15	2.8	14		
15 - 20				Boring terminated at 15.0 ft.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



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Latitude , Longitude

COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE N/A

STRUCT. NO. N/A
Station N/A
BORING NO. B-4
Station 101+65.33
Offset 40.0 ft RT
Ground Surface Elev. 720.0 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
First Encounter N/A ft
Upon Completion 709.5 ft
After N/A Hrs. N/A ft

DEPTH (ft)	DIAMETER (in)	UNIFORMITY COEFFICIENT (U)	MOISTURE (%)	SOIL DESCRIPTION
0 - 1				TOPSOIL - 1 inch
1 - 4	4.2	19		FILL: Brown and gray, clay, trace iron stains [A-7]
4 - 5				
5 - 7	1.0	30		CLAY: Brown and gray, trace iron stains [A-6]
7 - 10	1.3	25		
10 - 13	0.9	23		CLAY LOAM: Brown and gray, low plastic, trace iron stains [A-4] LL: 29 PI: 7
13 - 15	1.4	15		CLAY: Dark brown, trace sand and gravel [A-7]
15 - 17	2.1	14		
17 - 20				Boring terminated at 15.0 ft.

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FILE NAME =	USER NAME = crespole	DESIGNED -	REVISED -
ci:\pwork\pwork\respole\d0330150\048792-shr-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS - MSE WALL
STA. 99 + 40.23 - STA. 104 + 47.80
SCALE: SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	309
CONTRACT NO. 88792			ILLINOIS FED. AID PROJECT	