Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.

SOIL BORING LOG

Date 10/11/11

ROUTE FAS Route 1380 (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-5
Station 102+40.31
Offset 43.0 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 709.0 ft ▽
After N/A Hrs. N/A ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL - 2 inches 719.8				
FILL: Brown, clay [A-7]		4 4 5	4.5 S/15	22
716.5				
CLAY: Brown and gray, trace iron stains [A-6]	-5	2 2 2	0.4 B/15	28
714.5				
SILTY LOAM: Brown and gray, trace iron stains [A-4]		1 2 2	0.3 B/15	26
	-10	1 1 3	0.6 B/15	23
709.5				
CLAY: Dark brown, trace sand and gravel [A-7]		1 1 2	0.1 B/15	15
	-15	1 3 4	1.4 B/15	16
705.0				
Boring terminated at 15.0 ft.	-20			

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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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 PUSH HAMMER TYPE N/A

STRUCT. NO. N/A
Station N/A

BORING NO. B-6
Station 103+15.10
Offset 39.7 ft RT
Ground Surface Elev. 721.5 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)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL - 6 inches 721.0			4.0	
FILL: Brown with gray, clay [A-7-6] LL: 68 PI: 40			P 2.3 S/10	27
719.5				
CLAY: Brown with gray [A-7]			1.9 S/10	25
718.5				
CLAY: Brown with gray [A-6]			0.7 B/15	29
Becomes brown and gray	-5		0.9 B/15	25
715.5				
Boring terminated at 6.0 ft.	-10			
	-15			
	-20			

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)

FILE NAME = c:\pw_work\pwidot\crespole\d0330150\D488792-sht-details.dgn	USER NAME = crespole	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
Default	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 12 OF 13 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1,RS-3	Peoria	617	310
		CONTRACT NO. 88792		
	ILLINOIS	FED. AID PROJECT		