



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

SOIL BORING LOG

Page 1 of 2

Date 10/18/11

ROUTE FAS 2402 (U.S. 150) DESCRIPTION 0.3 miles East of Thousand Dollar Road LOGGED BY SCI (CNC)

SECTION LOCATION SEC. 28, TWP. 10N, RNG. 6E, 4th PM, Latitude, Longitude

COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE Automatic

STRUCT. NO. 072-2507
Station 214+00
BORING NO. B-1
Station 214+16.5
Offset 12.0 ft RT
Ground Surface Elev. 672.0 ft

DEPTH (ft)	SOIL TYPE	UCS (tsf)	MOISTURE (%)	DEPTH (ft)	SOIL TYPE	UCS (tsf)	MOISTURE (%)
0	ASPHALT - 6 inches			0	CLAY: Gray and brown, trace fine and coarse sand (A-7) (continued)		
2	CRUSHED ROCK - 3 inches			2		0.4	22
3	FILL: Brown and gray clay, trace coarse sand (A-6)	3.8	23	6			
5		5.2	21	10		4.5	13
686.5	SILT: Gray (A-4)			12			
684.5	CLAY: Gray (A-7-6) LL=42, PI=19	0.5	24	15		5.2	12
681.0	CLAY: Dark gray (A-7)			20		4.1	12
656.0	CLAY: Gray and brown (A-6)	1.3	29	25			
654.0	CLAY: Gray and brown, trace fine and coarse sand (A-7)	0.3	27	30			
				35		4.7	14
				40			
				45			
				50			
				55			
				60			

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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0	SAND: Brown, fine to medium (A-3) (continued)			0			
3				3			
7				7			
11				11			
623.0	CLAY: Gray, trace fine sand (A-7)	2.6	18	15			
622.0				20			
	Boring terminated at 50 ft.			25			
				30			
				35			
				40			
				45			
				50			
				55			
				60			

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FILE NAME *	USER NAME * Elgin 110	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS			F.A.-RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEABBREV		DRAWN -	REVISED -		US 150 OVER FOX CREEK TRIBUTARY			2402	1110, 111, 112, 113, 114RS-2	PEORIA	76	52	
		CHECKED -	REVISED -		SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.						
		DATE -	REVISED -										CONTRACT NO. 68614

ILLINOIS FED. AID PROJECT