

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO.
F.A.P. 313	(7BY)BR	HENDERSON	68	35	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

Contract #68149



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 11/8/00

ROUTE FAP 313 (US 34) DESCRIPTION US 34 OVER P.D. CREEK LOGGED BY DLR

SECTION (7BY) BR LOCATION SW 1/4, NW1/4, SEC. 29, TWP. 10 N, RNG. 5 W, 4th PM

COUNTY HENDERSON DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. (EXIST): 036-0002 (PROP) N/A
Station 301+37

BORING NO. 3 (N. ABUT)
Station 302+07
Offset 13.50 ft RT
Ground Surface Elev. 540.72 ft

DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)
0-1.25'				CA 6 AGGREGATE SHLD. 0-1.25' (NO SAMPLE TAKEN)	0-1.25'			
1.25-4.0'				NO SAMPLE TAKEN 1.25'-4.0'	1.25-4.0'			
539.47					539.47			
538.72				Dark Gray LOAM with sand seams	538.72			
534.22				Light Gray & Gray SILTY CLAY LOAM	534.22			
531.72				Dark Gray SANDY CLAY LOAM with sand seams	531.72			
529.22				Dark Gray SILTY CLAY	529.22			
528.72				Light Gray & Brown SILTY CLAY LOAM	528.72			
521.72				Light Gray SILTY CLAY LOAM with traces of roots & sand seams	521.72			

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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479.22				Gray CLAY LOAM TILL (continued) With Trace of ORGANICS @ 4'	479.22			
484.22				Gray CLAY with very thin silt seams	484.22			

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DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)
456.22				Gray coarse SAND & GRAVEL (continued)	456.22			
End of Boring				End of Boring	End of Boring			

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BBS, from 137 (Rev. 8-99)

BORING 3

<p>HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS</p>	<p>3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400</p>		<p>BORING 3 U.S. 34 OVER P.D. CREEK F.A.P. 313 / SECTION (7BY)BR HENDERSON COUNTY STRUCTURE NO. 036-0052 / STATION 301+23</p>
	<p>ELGIN • SPRINGFIELD</p>	<p>PROJECT NUMBER: 12-44-0001-1 DATE: 11/19/07 DESIGNED: D.A.B. CHECKED: M.G.B. DRAWN: D.T.M.</p>	