



Illinois Department
of Transportation
Division of Highways
Idot

SOIL BORING LOG

Page 1 of 2

Date 9/5/02

ROUTE FAP 307 (IL64) DESCRIPTION DOUBLE BOX CULVERT, EAST LEG OF RTE. 64 LOGGED BY KOLODZIEJ

SECTION 126N-1 LOCATION S 1/2, SEC. 18, TWP. 40N, RNG. 7E, 3rd PM

COUNTY KANE DRILLING METHOD CME-750, 3.125" ID HSA HAMMER TYPE CME AUTOMATIC

STRUCT. NO. 045-2027
Station _____
BORING NO. SB-26
Station 52+62
Offset 19.00ft LT
Ground Surface Elev. 878.77 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
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DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0	1			Bituminous Shoulder
1	1	62		Organic Silty LOAM (BURIED TOPSOIL)
874.27				Very Soft, Very Dark Brown PEAT with wood fibers and roots
0	0	<0.25	73	
	0	P		grades to loose sand
	1	<0.25	70	
	1	P		hit a cobble
	1			grades to medium dense sand
868.27	0			Soft, Gray, Silty CLAY, trace coarse and fine gravel
	4	0.4	23	
	5	B		Start water pressure drilling
866.77				Medium Dense, Light Brown to Brown, Fine to Coarse SAND, trace fine to coarse gravel
	2			
	4		18	
	7			
	14			
	13		19	
	8			cobble in the shoe
	6			
	10		12	
	12			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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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DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0	12			Medium Dense, Light Brown to Brown, Fine to Coarse SAND, trace fine to coarse gravel
1	7			(continued)
	5			cobble in the shoe
	5		9	
	6			
	5			
	4			
	4			
	4			
	6		10	
	5			
	6			
	7			
	7		9	
	9			
	6			
	7			
	7			
	8		31	
	8			

Elevations based on center line of existing roadway at Sta. 52+62.
End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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