STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	65
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 20
22 SHEETS

Contract #88803

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 9-00

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW¼,SE¼, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 2 (N. ABUT)
Station 80+36
Offset 42.00ft LT CL
Ground Surface Elev. 468.83 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 454.8 ft ▼
Upon Completion 457.9 ft ▽
After 24 Hrs. 459.1 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLE 0-1'					
	467.83				
Brown SILTY CLAY LOAM			5		
			10	2.0	6
			20	P	
			3		
w/trace of gravel			4	.54	11
		-5	3	S	
	462.83				
Brown fine SAND w/some gravel			3		
			5		7
			4		
	460.33				
Dk. Gray SILTY CLAY LOAM w/trace of gravel			17		
			9	1.25	17
		-10	4	P	
			1		
			1	.21	16
			1	S	
	455.33				
Brown & Gray SILTY CLAY w/thin gravel seams			1		
			1	.37	23
		-15	1	B	
	452.83				
Brown & Gray CLAY LOAM			H		
			1	.25	30
			1	B	
	450.33				
Brown SAND & GRAVEL			1		
			4		12
		-20	3		
Brown SAND & GRAVEL (continued)					
			1		16
	447.08				
Gray SILTY CLAY			1	.49	27
			2	B	
			1		
			1	1.57	23
		-25	2	B	
	442.83				
Gray SILTY LOAM			H		
			1	.37	27
			2	B	
	440.33				
Gray SAND			2		
			3		17
		-30	1		
	437.83				
Brown & Gray SAND & GRAVEL			2		
			5		15
			11		
			3		
			3		8
		-35	2		
			12		
			14		16
			16		
			14		
			16		13
		-40	18		

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)

Illinois Department of Transportation
Division of Highways
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SOIL BORING LOG

Page 2 of 2

Date 9-00

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW¼,SE¼, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

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After 24 Hrs. 459.1 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown & Gray SAND & GRAVEL (continued)					
			7		
			5		17
			2		
	425.33				
Gray SILTY LOAM			4		
			5	.54	26
		-45	5	B	
	422.83				
Brown & Gray SAND & GRAVEL			6		
			2		3
			2		
			7		
			14		15
		-50	15		
	417.83				
Gray SHALE			43		
			100@12"		9
			75		
			100@12"		12
		-55			
			72		
			100@8"		12
	411.66				
End of Boring					
		-60			

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)

BORING LOGS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198