

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	22 SHEETS
Contract #88803				

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2
Date 8/20

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS
SECTION (10 B) BR LOCATION SW1/4, SE1/4, SEC. 27, TWP. 10N, RNG. 8E, 4th PM
COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

EXIST. 072-0017
PROP. 072-0198
STRUCT. NO. 80+69.5
BORING NO. 3 (S. ABUT)
Station 81+02
Offset 41.00ft RT CL
Ground Surface Elev. 469.53 ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	Failure Mode	SPT (blows)	DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	Failure Mode	SPT (blows)
0-1.5'	Lt. Brown & Gray SANDY LOAM (continued)				2				16
468.03	Brown LOAM	3	B	16	448.03	Gray CLAY	1	B	32
		1.03	B				.74	B	
		2	B				1	B	
					445.53	Brown SAND & GRAVEL	2		19
		.37	S				2		
		2	S				3		
463.03	Dk. Brown & Gray SILTY CLAY LOAM	1		20	443.03	Brown & Gray SANDY CLAY LOAM	1		26
		1.24	B				.58	B	
		2	B				1	B	
460.53	Dk. Gray SILTY CLAY	1		19	440.53	Gray & Brown fine SAND	H		19
		.62	B				1		
		2	B				1		
458.03	Lt. to Dk. Gray SILTY CLAY LOAM w/sand seams	1		17			3		19
		.41	B				3		
		2	B				2		
455.53	Lt. Brown & Gray SILTY CLAY	2		18	435.53	Gray SAND	4		18
		.45	B				5		
		1	B				6		
452.53	Dk. Gray SILTY CLAY LOAM	H		20			3		20
		.45B					6		
		1	B				8		
		1	B				8		
450.53	Lt. Brown & Gray SANDY LOAM	1		8			4		
							8		
							8		

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2
Date 8/20

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS
SECTION (10 B) BR LOCATION SW1/4, SE1/4, SEC. 27, TWP. 10N, RNG. 8E, 4th PM
COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

EXIST. 072-0017
PROP. 072-0198
STRUCT. NO. 80+69.5
BORING NO. 3 (S. ABUT)
Station 81+02
Offset 41.00ft RT CL
Ground Surface Elev. 469.53 ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	Failure Mode	SPT (blows)
448.03	Gray SAND (continued)			17
428.03	Gray SAND & GRAVEL	6		18
		4		
		6		16
		8		
		10		
		8		19
		6		
		4		
		3		10
		8		
		8		
		22		6
		24		
		19		
415.53	Gray SHALE	100@5'		10
		55		
		100@4'		10
		6		
		8		
		100@2'		11
410.36	End of Boring			
		60		

boulder @ 52.5'

thin limestone seam @ 57'

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