



Illinois Department of Transportation

### SOIL BORING LOG

Page 1 of 1

Date 1/16/01

ROUTE FAP665 (IL116) DESCRIPTION IL 116 OVER LITTLERS CREEK; 2.5mi. W. OF FARMINGTON LOGGED BY KJT

SECTION (144B)BR LOCATION NE1/4 OF SW1/4, SEC. 4, TWP. 8N, RNG. 4E, 4<sup>th</sup> PM

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. EXIST. 029-0016  
 PROP. N/A  
 Station (EXIST) 571+32.5

BORING NO. 1 (W. ABUT)  
 Station 570+58.85  
 Offset 15.00ft RT  
 Ground Surface Elev. 660.13 ft

DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)
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NO SAMPLE TAKEN 0-2'									Dk. Gray SILTY CLAY LOAM w/ traces of wood & gravel (continued)	5	.74	34
										3	B	
										2		
658.13									Dk. Gray CLAY LOAM	1		
	3	2.0	19							3	1.32	25
	5	P								4	B	
	1								Dk. Gray SANDY LOAM	1		
	1	.62	24						free water @ 25.5'	2	.45	30
	2	S							sand & gravel @ 25.9'	3	B	
653.13												
	1								Gray SHALE	81		
	3	2.27	23							100@3"		10
	4	S										
650.63												
	1								Brown & Gray Mottled SILTY CLAY LOAM	1		
	1	.62	27							100@6"		13
	3	B										
648.13												
	1								Brown/Gray & Reddish Brown SILTY CLAY LOAM	70		
	1	.82	24							100@7"		12
	2	B										
645.63												
	1								Brown/Gray & Reddish Brown SILTY CLAY w/ traces of gravel	1		
	1	.41	26							100@6"		12
	2	B										
643.13												
	1								Gray SILTY CLAY w/ wood & trace of gravel	100@6"		7
	3	.27	25									
	6	B							End of Boring			
640.63												

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



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COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. EXIST. 029-0016  
 PROP. N/A  
 Station (EXIST) 571+32.5

BORING NO. 2 (E. ABUT)  
 Station 571+79  
 Offset 17.00ft RT  
 Ground Surface Elev. 634.37 ft

DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)
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NO SAMPLE TAKEN 0-2'									Brown SANDY GRAVEL (continued)	3		20
									free water @ 20.0'	4		
										3		
652.37									Brown SILTY CLAY LOAM	2		
	3	2.33	19							3		27
	3	B								2		
649.87												
	1								Brown SILTY CLAY	22		14
	2	.78	21						Gray SHALE	100@5"		
	2	B										
647.37												
	2								Brown to Gray SILTY CLAY	55		
	2	2.72	25							100@3"		8
	3	B										
	1											
	1	.78	22							100@6"		12
	2	B										
639.87												
	2								Gray SILTY CLAY LOAM	100@5"		8
	2	.58	25									
	2	S							End of Boring			
637.37												
	H								Gray SANDY CLAY LOAM			
	2	.19	25									
	1	S										
634.87												
									Brown SANDY GRAVEL			

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

BORINGS  
STRUCTURE NO. 029-0066

DESIGNED - P.S.L.
CHECKED - M.D.C.
DRAWN - D.A.B.
CHECKED - M.D.C.

 HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 PROJECT NUMBER: 12-37-0003-1 DATE: 07/31/08	SHEET NO. 20	F.A.P. 665	SECTION (144-B)BR	COUNTY FULTON	TOTAL SHEETS 67	SHEET NO. 36	
	20 SHEETS	IL 116 OVER LITTLERS CREEK		CONTRACT NO. 68091			
	FED. ROAD DIST. NO. 4		ILLINOIS		FED. AID PROJECT		