

SOIL BORING LOG

Date 5/10/11

ROUTE FAI 74 DESCRIPTION FAI 55 Business (SB) over FAI 74 (EB) LOGGED BY RJC

SECTION (57-20HB-1)BR-1 LOCATION South of Bloomington, SEC. 19, TWP. 23N, RNG. 2E, 3rd PM, Latitude, Longitude

COUNTY McLean DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 057-0060 existing
057-0252 proposed
Station 57+97.32

BORING NO. B-5 N. Abut
Station 57+13
Offset 8.70ft RT
Ground Surface Elev. 808.00 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION
				Surface Water Elev. NA ft					Surface Water Elev. NA ft
				Stream Bed Elev. NA ft					Stream Bed Elev. NA ft
				Groundwater Elev.:					Groundwater Elev.:
				First Encounter 769.5 ft					First Encounter 769.5 ft
				Upon Completion 753.0 ft					Upon Completion 753.0 ft
				After - Hrs. -					After - Hrs. -
806.00	2			Brown and Gray, Moist SILTY LOAM (Fill), little organics	786.80	3			Brown and Gray, Moist SILTY LOAM (Fill), trace gravel (continued)
	3	2.0	13		786.00	6	3.5	25	
	4	P				9	B		
	1			Brown, Moist SILTY LOAM (Fill), trace gravel		3			Very Hard
	1	1.3	15			4	3.3	23	Dark Gray and Black, Moist SILTY LOAM, trace gravel
	2	P				7	P		
	-5					-25			
802.00	6			Brown and Gray, Moist SILTY LOAM (Fill), trace gravel	782.00	2			Stiff to Very Stiff Brown and Gray, Moist SILTY LOAM
	5	5.0	19			3	1.2	25	
	7	P				5	B		
	3					3			
	4	3.1	23			4	2.6	22	
	8	B				5	B		
	-10					-30			
796.30	3			Brown, Moist SILTY LOAM (Fill), trace gravel					
	6	3.5	14						
	8	B							
	2				774.50	5			Brown, Moist SILTY LOAM
	4	3.5	25		774.00	2	1.6	14	
	5	B				6	B		Stiff to Very Stiff Gray, Moist, Wet at 38.5' SILTY LOAM, trace gravel
	-15					-35			
793.40	3			Dark Gray, Moist SILTY LOAM (Fill), trace gravel					
	5	2.9	23						
	9	B							
	3								
791.00	4	3.3	17	Brown and Gray, Moist SILTY LOAM (Fill), trace gravel		3			
	6	B				4	2.4	12	
	-20					5	B		

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, form 137 (Rev. 8-99)

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				First Encounter 769.5 ft					First Encounter 769.5 ft
				Upon Completion 753.0 ft					Upon Completion 753.0 ft
				After - Hrs. -					After - Hrs. -
808.00				Stiff to Very Stiff Gray, Moist, Wet at 38.5' SILTY LOAM, trace gravel (continued)					Very Stiff to Very Hard Gray, Wet SILTY LOAM, some gravel (continued)
	3								
	4	1.8	13			8			
	6	B				7	9.3	10	
	-45					9	P		
743.00				End of Boring					
759.50	18			Hard Brown and Gray, Wet SILTY LOAM, trace gravel					
	13	5.3	14						
	20	P							
	-50								
754.20	12			Hard Gray, Wet SILTY LOAM, some gravel					
	28	6.0	12						
	33	P							
	-55								
749.50	33			Hard Brown and Gray, Wet SILTY LOAM, some gravel					
	23	3.5	10						
	28	P							
	-60								

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