Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

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Date 5/30/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB – Stoney Creek LOGGED BY TGB

SECTION HTCMB LOCATION NW, SEC. 15, TWP. 19N, RNG. 11W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Manual

STRUCT. NO.
Station

BORING NO. 19 HTCMB
Station 2039+16
Offset 46.0 ft Rt.
Ground Surface Elev. 536.8 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Coarse Brown Sandy Gravel (Embankment)					
			20		
		-5			
			28		
(Note: "N" Values/Blows shown are per 12 inches)	526.8	-10	26	3.0 B	17
End of Boring					
		-15			
		-20			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

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SOIL BORING LOG

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Date 10/17/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Cross Over East of Griffith St. LOGGED BY RRW

SECTION HTCMB LOCATION NW, SEC. 15, TWP. 19N, RNG. 11W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 20 HTCMB
Station 2052+05
Offset 20.0 ft Rt. of Med. CL
Ground Surface Elev. 577.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown/Black Sandy Clay Loam with Gravel			2		
	575.6		3		9
Brown Sandy Clay Loam with Gravel			3		
			2		
			2		13
	572.6	-5	3		
Brown Sand Loam			2		
	570.6		2		22
Brown Sandy Clay Loam			2		
			1		
			2	0.6	22
	567.6	-10	2	B	
End of Boring					
		-15			
		-20			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

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