



SOIL BORING LOG

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at IL Rt. 1 LOGGED BY CNA

SECTION HTCMB LOCATION SW, SEC. 17, TWP. 19N, RNG. 11W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev.: First Encounter (ft)	Upon Completion (ft)	After (Hrs.) (ft)
092-0038	1929+29									
BORING NO. 9 HTCMB Station 1929+50 Offset 9.0 ft Rt. of Med. CL Ground Surface Elev. 611.1 ft										
Brown/Gray/Black Mixed Clay Loam (Embankment)										
		4								
		4			17					
		7								
607.6										
Brown Fine Sand (Moist)										
		4								
		7								
606.6										
Brown Poorly Sorted Very Coarse Sand (Moist)										
		-5								
		14								
		11								
		12								
		6								
		8								
		10								
601.1 -10										
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)



SOIL BORING LOG

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Pedestrian Bridge LOGGED BY CNA

SECTION HTCMB LOCATION SW, SEC. 17, TWP. 19N, RNG. 11W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev.: First Encounter (ft)	Upon Completion (ft)	After (Hrs.) (ft)
092-0150	1935+60									
BORING NO. 10 HTCMB Station 1935+70 Offset 10.0 ft Rt. of Med. CL Ground Surface Elev. 609.1 ft										
Brown Mottled Clay Loam										
		4								
		5	3.3	19						
607.1										
Brown Sandy Clay Loam Till										
		7								
605.1										
Gray/Brown Weathered Shale (Bedrock)										
		3		15						
		6								
603.6										
Gray Shale (Bedrock)										
		23								
		25		10						
		41								
		20								
		21		11						
		50								
599.1 -10										
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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FILE NAME = P:\P-11\2418 - IDOT 05 DUR\NO. 2 & 3\DCN\Sheets\0570568-sh1077-blog6.dgn

10/18/2011 11:42:19 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

10/18/2011 11:42:20 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

USER NAME = jcracker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.0000" / 1"	DRAWN -	REVISED -				74	MEDIAN CABLE 2012-3	VERMILION	232	63
PLOT DATE = 7/31/2012	CHECKED -	REVISED -		SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.		CONTRACT NO. 70968				
	DATE = 08/02/2012	REVISED -		ILLINOIS FED. AID PROJECT						