



Illinois Department of Transportation
Division of Highways
District #9, Ottawa

SOIL BORING LOG

Page 1 of 2

Date 8/18/05

ROUTE FAP 68 (IL 23) DESCRIPTION LOGGED BY LM-IDOT
SECTION 102-BR LOCATION SW 1/4, SEC. 7, TWP. 29N, RNG. 4E, 3rd PM
COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPT	BL	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	DEPT	BL	UCS	MOIST
		H	OW	Qu	T	ft	ft	H	OW	Qu	T
BORING NO.	Station	Offset	Ground Surface Elev.	(ft)	(#)	(tsf)	(%)	(ft)	(#)	(tsf)	(%)
053-0079	529+99.73	50.00ft Rt	610.55			608.01					
2-West Abutment	529+65										
Groundwater Elev.: First Encounter Upon Completion After Hrs.											
Augered Black & Brown Silty Clay Loam Till Fill											
								30			
								60	>4.5	6.7	
								34	P		
608.05											
Stiff Gray & Brown Silty Clay Loam Till											
								18			
								21	5.6	10.3	
								23	S		
606.05											
Very Stiff Brown Silty Clay Loam Till w/ pockets Silt & Silt/Coal											
								15			
								19	>4.5	13.3	
								24	P		
601.05											
Very Stiff To Hard Gray Silt, Silty Clay, Clay interbedded up to 6"											
								10			
								19	6.3	10.5	
								27	S		
598.05											
Hard Gray Silty Clay w/ Silt pockets											
								10			
								19	6.4	10.2	
								29	S		
596.05											
Hard Gray Sandy Clay Loam Till w/ Fine Sand layer at 21', Silt pockets/layers at 23.5'											
								6			
								12	5.5	11.3	
								18	S		
								23			
								75	4.0	5.7	
								85	S		
571.55											
Hard Gray Silty Clay Loam Till w/ Silt pockets/layers											
								40			

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
District #9, Ottawa

SOIL BORING LOG

Page 2 of 2

Date 8/18/05

ROUTE FAP 68 (IL 23) DESCRIPTION LOGGED BY LM-IDOT
SECTION 102-BR LOCATION SW 1/4, SEC. 7, TWP. 29N, RNG. 4E, 3rd PM
COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPT	BL	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	DEPT	BL	UCS	MOIST
		H	OW	Qu	T	ft	ft	H	OW	Qu	T
BORING NO.	Station	Offset	Ground Surface Elev.	(ft)	(#)	(tsf)	(%)	(ft)	(#)	(tsf)	(%)
053-0079	529+99.73	50.00ft Rt	610.55			608.01					
2-West Abutment	529+65										
Groundwater Elev.: First Encounter Upon Completion After Hrs.											
Hard Gray Silty Clay Loam Till w/ Silt pockets/layers (continued)											
								8			
								15	6.0	12.7	
								21	S		
45											
								19			
								19	>4.5	13.3	
								24	P		
50											
								9			
								12	4.1	11.7	
								16	S		
554.05											
End of Boring											
								8			
								12	4.6	12.0	
								15	S		

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)

<p>Excellence through Ownership</p> <p>200 West Front Street Wheaton, IL 60187</p>	ILLINOIS DEPARTMENT OF TRANSPORTATION
	<p>SOIL BORING LOGS IL 23 OVER MOLE CREEK FAP RTE 68 - SECTION 102 BR LIVINGSTON COUNTY STATION 530+05 STRUCTURE NO. 053-0183</p>
	<p>DATE: 10/20/2006</p> <p>DRAWN BY LCM CHECKED BY WJV</p>