

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 3/9/05

ROUTE FAI 80 DESCRIPTION P92-038-03 I-80 over Negro Creek, 1.75 m. E. of IL 89 LOGGED BY W. Garza

SECTION 06-7B-1R&06-7VB LOCATION Hall Twp. - 17 NW, SEC., TWP. 16N, RNG. 11E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Description	Elev. (ft)	D E P T H	B L O W S	U C S Qu	M O I S T
1758+70					Surface Water Elev.	560.0				
					Stream Bed Elev.	558.5				
B-2b					Groundwater Elev.:					
					First Encounter					
1758+50					Upon Completion					
80.00R RL CL					Wash					
605.5					After					
					Rock and mud					
					VERY STIFF gray SILTY CLAY TILL	584.00	5	7	3.7	14
					HARD gray SILTY CLAY TILL	581.50	9	13	4.1	14
					STIFF gray SILT	578.50	11	17	1.9	17
					LOOSE gray fine SAND	576.50	3	2		
					MEDIUM gray fine SAND	574.00	10	9		
					Wash	571.00	36	22		
					DENSE gray fine SAND with medium GRAVEL		23			
					Wash	568.50	13	20	3.5	20
					VERY STIFF gray SILT with CLAY lens		24	S		
					Wash	566.50	17	23		
					DENSE gray well cemented SAND with medium GRAVEL		24			

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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					First Encounter					
1758+50					Upon Completion					
80.00R RL CL					Wash					
605.5					After					
					Wash					
					MEDIUM gray medium coarse SAND	564.00	10	13		
					Wash		23			
					VERY DENSE gray well-cemented SAND	561.50	32			
							39			
					VERY DENSE gray well-cemented fine SAND	559.00	20	31		
							65			
					End of Boring					

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BBS, from 137 (Rev. 8-99)

DESIGNED
CHECKED
DRAWN MAU
CHECKED AD

BORING LOGS - 2
STRUCTURE NO. 006-0174 (EB)
STRUCTURE NO. 006-0175 (WB)

SHEET NO. 35	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	80	*	BUREAU	314	233
39 SHEETS	FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 66908		

TYLINT INTERNATIONAL