

# SOIL BORING LOG

PROPOSED S.N. 010-2028

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
516	241BR & 56BR	CHAMPAIGN	82	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



Illinois Department of Transportation  
Division of Highways  
IDOT - Dist 6

## SOIL BORING LOG

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Date 10/16/02

ROUTE CH 12 (2150E) DESCRIPTION 2.2 Miles North of St. Joseph LOGGED BY DWP

SECTION 56BR LOCATION NW, SEC. 35, TWP. 20N, RNG. 10E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0087	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station 137+67	E	L	C	O	Stream Bed Elev.	660.3	E	L	C	O
	P	O	S	I			P	O	S	I
BORING NO. 1 NE Boring	T	W	S	S	Groundwater Elev.:		T	W	S	S
Station 137+89	H	S	Qu	T	First Encounter	653.7	H	S	Qu	T
Offset 24.0 ft Rt.					Upon Completion					
Ground Surface Elev. 667.7	(ft)	(6")	(taf)	(%)	After	Hrs.	(ft)	(6")	(taf)	(%)

Brown Mottled Loam (Backfill)	687.7				Gray Sandy Clay Loam Till (continued)					
					Drilled Through Boulder					
		5					4			
		7		15			8	5.8		9
		-5	6				11	B		
					End of Boring	642.7	-26			
Gray Fine Sand & Silt Mixed	682.2									
			3							
			2	24						
			3							
Gray Clay Loam Till with Small Sand Lenses	659.7									
			3							
			7	6.6	10					
			10	B						
			-10							
			6							
			9	7.8	10					
			13	B						
			6							
			8		11					
			7							
Gray Silty Clay Loam Till	652.7									
			2							
			3	0.6	12					
			4	B						
Gray Sandy Clay Loam Till	650.2									
			4							
			6	6.2	11					
			7	B						
			-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 10/16/02

ROUTE CH 12 (2150E) DESCRIPTION 2.2 Miles North of St. Joseph LOGGED BY CNA

SECTION 56BR LOCATION NW, SEC. 35, TWP. 20N, RNG. 10E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0087	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station 137+67	E	L	C	O	Stream Bed Elev.	660.3	E	L	C	O
	P	O	S	I			P	O	S	I
BORING NO. 2 SW Boring	T	W	S	S	Groundwater Elev.:		T	W	S	S
Station 137+51	H	S	Qu	T	First Encounter	647.4	H	S	Qu	T
Offset 11.0 ft Lt.					Upon Completion					
Ground Surface Elev. 670.4	(ft)	(6")	(taf)	(%)	After	Hrs.	(ft)	(6")	(taf)	(%)

Brown/Gray Mottled Clay Loam to Loam (Backfill)	670.4				Gray Silty Clay Loam Till (continued)					
					Sand & Silt Lenses					
			1							
			2	3.1	13					
			3	B						
			-5							
Black & Green Mottled Silty Clay Loam	665.4									
			1							
			2	1.3	62					
			3	B						
			1							
			2	1.2	20					
			3	B						
			-10							
Brown Mottled Clay Loam	660.4				End of Boring	640.4	-30			
			1							
			3	2.3	10					
			4	B						
			1							
			6	4.2	12					
			8	S						
			-15							
			3							
			6	5.7	4					
			9	S						
			2							
			4	3.1	11					
			5	S						
			-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)