

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG

Page 1 of 3
Date 6/15/2004

ROUTE IL 14 DESCRIPTION IL 14 over Reese Creek LOGGED BY Bryan Keller

SECTION (13)RS-1; 2B-2 LOCATION 3.7 MILE of US 51

COUNTY Perry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 073-0013
Station 191+00

BORING NO. 1-S
Station 190+08
Offset 12.00ft Rt
Ground Surface Elev. 398.5 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	BLOWS (6")	SOIL TYPE	DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	BLOWS (6")	SOIL TYPE
0	Crushed Aggregate				0	Surface Water Elev. 381.0 ft			
0	Very stiff, moist, brown, Silty Clay loam A-6				0	Stream Bed Elev. _____ ft			
1					0	Groundwater Elev.: _____ ft			
3			3.4	21	0	First Encounter _____ ft			
5			S		0	Upon Completion _____ ft			
394.0	Medium, very moist, brown, Silty Clay Loam A-6				0	After _____ Hrs. _____ ft			
6			2	0.9	25				
2			B		25				
391.5	Medium, very moist, grey, Silty Clay to Silty Clay Loam A-6 with some Cinders				25				
1			1	0.9	23				
3			B						
10		WH							
1			1	0.7	23				
2			B						
366.5	Medium, moist, brown, Silty Clay Loam A-6 with some Sand and Gravel								
1		WH							
3			1	0.6	25				
3			S						
384.0	Medium, very moist, grey, Silty Clay A7-6								
15		WH							
6			6	0.8	30				
8			B						
381.5	Stiff, very moist, grey mottled brown, Silty Clay A7-6								
1			1	1.1	22				
3			B						
2			B						
379.0									
20		WH							

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 T208) BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG

Page 2 of 3
Date 6/15/2004

ROUTE IL 14 DESCRIPTION IL 14 over Reese Creek LOGGED BY Bryan Keller

SECTION (13)RS-1; 2B-2 LOCATION 3.7 MILE of US 51

COUNTY Perry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 073-0013
Station 191+00

BORING NO. 1-S
Station 190+08
Offset 12.00ft Rt
Ground Surface Elev. 398.5 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	BLOWS (6")	SOIL TYPE	DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	BLOWS (6")	SOIL TYPE
24	Very stiff, moist, grey, Silt Loam A-4 (continued)		2.3	20	0	Surface Water Elev. 381.0 ft			
29			B		0	Stream Bed Elev. _____ ft			
354.0	Hard, moist, grey, Clay A7-6				0	Groundwater Elev.: _____ ft			
46			6	4.1	22	First Encounter _____ ft			
9			B		22	Upon Completion _____ ft			
329.0	Loose to medium, wet, grey, very fine Silty Sand 90% Sand 5% Silt 5% Clay				22	After _____ Hrs. _____ ft			
2			2						
10			10	4.9	19				
17			S						
323.5	Dense, wet, grey, very fine Silty Sand 90% Sand 5% Silt 5% Clay								
7			7						
10			10						
319.0									
60			60						

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 T208) BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG

Page 3 of 3
Date 6/15/2004

ROUTE IL 14 DESCRIPTION IL 14 over Reese Creek LOGGED BY Bryan Keller

SECTION (13)RS-1; 2B-2 LOCATION 3.7 MILE of US 51

COUNTY Perry DRILLING METHOD HAMMER TYPE

STRUCT. NO. 073-0013
Station 191+00

BORING NO. 1-S
Station 190+08
Offset 12.00ft Rt
Ground Surface Elev. 398.5 ft

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	BLOWS (6")	SOIL TYPE	DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	BLOWS (6")	SOIL TYPE
5	Stiff, very moist, grey, Clay Loam A-6 (continued)		1.3	24	0	Surface Water Elev. 381.0 ft			
6			B		0	Stream Bed Elev. _____ ft			
315.5	Hard, dry, grey, Clay Shale				0	Groundwater Elev.: _____ ft			
85			85	1009	0	First Encounter _____ ft			
313.0	Bottom of hole: 85.5 ft.				0	Upon Completion _____ ft			
90	Free water observed at 14.5 ft.				0	After _____ Hrs. _____ ft			
96	Elevation referenced to Center of Existing Structure: Elevation = 398.5 ft. Sta. 191+00.								
96	To convert "N" values to "N60" values, multiply by 1.25.								
100									

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 T208) BBS, form 137 (Rev. 8-99)