

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Illinois Department of Transportation**  
Division of Highways  
District 1/Region 1

**SOIL BORING LOG** Page 1 of 2  
Date 9/26/61

ROUTE FAP 330 (US 45) DESCRIPTION over Jackson Creek LOGGED BY A. Reeder

SECTION 104-B LOCATION SW 14, SEC. 32, TWP. 35N, RING. 12E, 3 PM

COUNTY Will DRILLING METHOD HAMMER TYPE

STRUCT. NO. 099-2005 (exist.)  
099-4649 (prop.)  
Station 149+06

BORING NO. 1  
Station 149+50.5  
Offset 17.00ft Rt  
Ground Surface Elev. 741.65 ft (ft) (6") (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	U	M	Surface Water Elev. (ft)	D	B	U	M
Black SILTY CLAY - Topsoil	0							
Stiff Grey CLAY, Sand Layer (continued)	720.65							
Medium Dense, Very Fine Grey SANDY LOAM	26							
	717.15							
Soft Grey SANDY CLAY LOAM with Sand Seams	20	0.65	13					
Stiff Mottled CLAY, Pebbles	736.15							
Very Stiff Grey CLAY Till, Pebbles	715.65							
Hard Brown CLAY Till, Pebbles	733.15							
Stiff Grey CLAY LOAM Till, with Sand Seams	712.65							
Medium Dense Very Fine Grey SAND	719.65							
Stiff Grey CLAY Till, Wet Sand Layer at 11 feet	729.65							
Medium Dense Well Graded GRAVEL	726.15							
Stiff Grey CLAY, Sand Layer	723.15							

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)

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SOIL DESCRIPTION	DEPTH (ft)	U	M	Surface Water Elev. (ft)	D	B	U	M
Medium Dense Very Fine Grey SAND (continued)	15							
End of Boring	696.15							

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COUNTY Will DRILLING METHOD HAMMER TYPE

STRUCT. NO. 099-2005 (exist.)  
099-4649 (prop.)  
Station 149+06

BORING NO. 2  
Station 149+50.5  
Offset 19.00ft Lt  
Ground Surface Elev. 741.86 ft (ft) (6") (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	U	M	Surface Water Elev. (ft)	D	B	U	M
Black CLAY Topsoil	721.36							
Medium Dense Grey SANDY LOAM Layered with Grey Clay	14							
Dense GRAVEL with Seams of Grey Sandy Loam	719.86							
Medium Soft Mottled CLAY Alluvial	736.36							
Stiff Grey CLAY Till, Few Stones and Pebbles	712.86							
Stiff Brown CLAY Till	731.86							
Grey CLAY, Very Stiff, Till	730.36							
Medium Dense Fine Brown SAND, Pebbles	707.86							
Medium Dense Coarse Grey SAND, Layer of Grey Clay	726.36							
Medium Dense Fine Grey SAND with Shale Fragments	705.86							
Loose Fine to Coarse GRAVEL, Layered with Stiff Grey Clay	723.86							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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COUNTY Will DRILLING METHOD HAMMER TYPE

STRUCT. NO. 099-2005 (exist.)  
099-4649 (prop.)  
Station 149+06

BORING NO. 2  
Station 149+50.5  
Offset 19.00ft Lt  
Ground Surface Elev. 741.86 ft (ft) (6") (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	U	M	Surface Water Elev. (ft)	D	B	U	M
Medium Dense Fine Grey SAND with Shale Fragments (continued)	681.36							
End of Boring	681.36							

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)

**BORING LOGS**  
**F.A.P. RT. 330 SEC. 104B-3-BR**  
**WILL COUNTY**  
**STATION 149+06.00**  
**STRUCTURE NO. 099-4649**