

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG Page 1 of 2
Date 3/9/72

ROUTE FAP 761 DESCRIPTION IL 108 over Taylor Creek Branch LOGGED BY J. King
SECTION 104BR-2 LOCATION SW 14, SEC. 17, TWP. 10N, R1G. 10W, 3 PM
COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 031-0024 (E) / 031-2012 (P)
Station 1068+35
BORING NO. #1 E. Abut
Station 1068+51
Offset 6.00ft Left
Ground Surface Elev. 518.3 ft

DEPTH (ft)	SOIL DESCRIPTION	BLU (ft)	UCS (tsf)	MOISTURE (%)	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	SOIL CLASSIFICATION
0	Surface Water Elev. _____ ft							
0	Stream Bed Elev. _____ ft							
0	Groundwater Elev.: _____ ft							
0	First Encounter _____ ft							
0	Upon Completion _____ ft							
0	After _____ Hrs.							
7	Gray Mottled with Brown Silty CLAY (continued)	1.30	28					
496.3	Gray CLAY	3	0.33	26				
490.3	Gray Medium SAND with Gravel	5	0.39	34				
488.3	Gray Clay TILL	14						
465.8	Gray Clay TILL	30	4.85	11				
30	Ground Level	6.23	13					
15	Brown and Gray SAND and GRAVEL	44	5.89	8				
7	Gray Mottled with Brown Silty CLAY	21	3.59	16				

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)

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30	Gray Clay TILL (continued)	3.26	16					
473.8	Gray Medium SAND and GRAVEL	30	3.26	18				
100+	Gray Clay TILL							
100+	Gray Clay TILL							
100+	Gray Clay TILL							
100+	Gray Clay TILL							
465.8	Gray Clay TILL							
END OF BORING								

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STRUCT. NO. 031-0024 (E) / 031-2012 (P)
Station 1068+35
BORING NO. #2 W. Abut
Station 1068+22
Offset 5.50ft Right
Ground Surface Elev. 518.3 ft

DEPTH (ft)	SOIL DESCRIPTION	BLU (ft)	UCS (tsf)	MOISTURE (%)	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	SOIL CLASSIFICATION
6	Gray Silty CLAY (continued)	0.59	28					
496.8	Gray Silty CLAY	4	0.33	29				
491.8	Gray Silty Sandy CLAY	5	0.9	28				
488.8	Gray Clayey Organic SILT	15	0.43	21				
484.3	Brown and Gray Medium SAND and GRAVEL	30						
481.8	Gray Clay TILL	30	3.59	16				
504.8	Ground Level							
8	Gray Silty CLAY	0.49	25					
7	Gray Silty CLAY	0.49	27					

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18	Gray Clay TILL (continued)	3.78	16					
28	Green Gray Sandy SILT	3.59	19					
474.3	Green Gray Sandy SILT	100+		16				
470.8	Gray SAND and GRAVEL	100+		16				
469.8	Gray SHALE	100+		15				
465.8	Gray SHALE	100+		12				
END OF BORING								

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SOIL BORING LOGS
STRUCTURE NO. 031-2012

SHEET NO. 11	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11 SHEETS	761	104-BR-2	GREENE	82	34
			CONTRACT NO. 76987		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT			