


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 12/9/70

ROUTE FAP 793 DESCRIPTION IL 143 over Sugar Creek LOGGED BY C. Hoffman

SECTION 40BR-1 LOCATION W 1/2, SEC. 24, TWP. 4N, RNG. 5W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 060-0128 (E) / 060-0341 (P)
Station 56+45

BORING NO. 2 E. Abut
Station 56+79.5
Offset 10.50R RT
Ground Surface Elev. 505.1 ft

Description	Depth (ft)	Bulge (ft)	Shear (tsf)	Penetration (ft)	Penetration (blows)	Groundwater Elev.	
						First Encounter	Upon Completion
Brown Silty CLAY	5	0.55	23	5	0.55	23	
Brown and Gray Clay TILL (continued)	30	4.37	19	30	4.37	19	
Dark Gray Silty CLAY	7	0.98	24	7	0.98	24	
Brown and Gray Highly Weathered SHALE	50	4.16	17	50	4.16	17	
Gray Silty Slightly Sandy CLAY	8	0.88	25	8	0.88	25	
	5	0.52	26	5	0.52	26	
Brown and Gray Clay TILL	4	0.55	23	4	0.55	23	
	3	0.23	21	3	0.23	21	

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)

DESIGNED	B.G.H.
CHECKED	L.D.G.
DRAWN	K.H.L.
CHECKED	B.G.H.

SOIL BORING LOGS

SHEET NO. 20 20 SHEETS	F.A.P. RTE. 793	SECTION 40BR-1	COUNTY MADISON	TOTAL SHEETS 72	SHEET NO. 52
	S.N. 060-0341			CONTRACT NO. 76A36	
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					