

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 3/16/09

ROUTE FAP 566 DESCRIPTION IL 106 Over Sandy Creek LOGGED BY M. Tappan

SECTION 1(B-2) LOCATION NW 1/4, SEC. 3, TWP. 13 N, RNG. 12 W, 4 PM

COUNTY Scott DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 086-0505 (Pr)
086-0012 (Ex)
Station 131+38

BORING NO. 1 NA North Abut.
Station 130+67
Offset 13.0ft LT
Ground Surface Elev. 486.1 ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	B	S	Qu	T	W	H	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	Washed	Plugged	ft	(ft)	/ft	(tsf)	(%)
0	Brown Moist SILTY CLAY (Fill)								468.7	467.7	467.6							
1	Gray Dirty Medium SAND (continued)																	
2	Gray Medium to Coarse SAND																	
3	Washed																	
4	Gradation Sample NA-2																	
5	Gray Very Moist SILTY CLAY																	
10	Washed																	
15	Gray Very Moist CLAY LOAM (Fill)																	
20	Washed																	
25	Gray Very Moist SILT LOAM																	
30	Washed																	
35	Gray Very Moist LOAM																	
40	Washed																	
45	Gray Very Moist LOAM																	
50	Washed																	
55	Gray Dirty Medium SAND																	
60	Free Water																	
65	Gradation Sample NA-1																	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced By Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) BBS, from 137 (Rev. 8-99)



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STRUCT. NO. 086-0505 (Pr)
086-0012 (Ex)
Station 131+38

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Offset 13.0ft LT
Ground Surface Elev. 486.1 ft

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0	Gray Medium to Coarse SAND (continued)								468.7	467.7	467.6							
1	CLAYEY SHALE (continued)																	
2	Gray Very Moist LOAM																	
3	Washed																	
4	Gray Well Indurated Clayey Shale																	
5	Boring Completed																	
10	CLAYEY SHALE																	
15	Light Blue Grey Very Weathered																	
20	Tannish Grey Very Weathered																	
25	Gray Well Indurated Clayey Shale																	

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Date 3/19/09

ROUTE FAP 566 DESCRIPTION IL 106 Over Sandy Creek LOGGED BY M. Tappan

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COUNTY Scott DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 086-0505 (Pr)
086-0012 (Ex)
Station 131+38

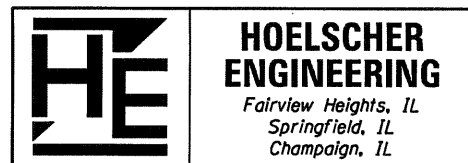
BORING NO. 1A
Station 131+14
Offset 47.0ft RT
Ground Surface Elev. 480.5 ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	B	S	Qu	T	W	H	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	Washed	Plugged	ft	(ft)	/ft	(tsf)	(%)
0	OVERBURDEN SOILS								468.7	467.7	467.6							
1	Refer to Borings 1-NA and 2-SA for soil data. (continued)																	
2	SHALE																	
3	Borehole continued with rock coring.																	

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SOIL BORING LOGS
STRUCTURE NO. 086-0505

DESIGNED	C.M.W.
CHECKED	J.S.A.
DRAWN	T.J.W.
CHECKED	C.M.W.



SHEET NO. 25 of 26 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	566	1(B-2)	SCOTT	77	52
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 72B91	