

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	82-6K-1	ST CLAIR	188	97A

CONTRACT NO.: 76815

Illinois Department of Transportation
 Division of Highways
 Illinois Department of Transportation

SOIL BORING LOG Page 1 of 1 Date 3/16/05

ROUTE FAI 64 DESCRIPTION Sign Truss - EB I-64 Ramp to West Highway 50 in O'Fallon LOGGED BY Mark Schreader

SECTION 82-6K-1 LOCATION W 12, SEC. 25, TWP. 2N, RNG. 8W, 3 PM

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 13+50	D E P T H	B L O W S	U C S	M O D	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S	M O D
BORING NO. SB 1	Station 13+50	Offset 45.00ft Right	Ground Surface Elev. 98.0 ft	(ft) (6") (tsf) (%)	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter 82.5 ft Upon Completion _____ ft After _____ Hrs.	(ft) (6") (tsf) (%)		

Brown Silty Clay LOAM	2				77.0	2	1.7	SI
	8	2.5	12			4	5/20	
	7	P						
	10							
Brown Silty CLAY	12	4.1	17					
	13	S/20						
	10							
	12	4.5	18					
	16	S/20						
	10							
Brown Silty LOAM	1							
	2	1.0	29					
	1	S/20						
	3							
Brown Silty CLAY	5	1.5	32					
	6	B						
	1							
Brown Silty LOAM	3	1.5	30					
	5	P						
	3							
	5	1.6	33					
	6	S/20						
	2							

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)

