

5/19/2006
c:\projec_74161\d03406pa.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116		RICHLAND	43	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (123Z, 124Z)TS-2,RS-3				



Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Page 1 of 1
Date 4/20/06

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Fdns - Olney - IL 130 & North Ave LOGGED BY E. Sandschafer
SECTION (123Z,124Z)TS-2,RS-3 LOCATION Sec 3 - NW 14, Sec 4 - NE 14, SEC., TWP. 3 N, RNG. 10 E, 3 PM
COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	gINT file	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	080-ts01	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O
BORING NO.	1	P	O	S	I	Groundwater Elev.:		P	O	S	I
Station	15+38	T	W	S	T	First Encounter	84.6	H	W	Qu	T
Offset	24.00R Lt	H	S	Qu	T	Upon Completion	Hole caved	(ft)	(6")	(tsf)	(%)
Ground Surface Elev.	99.08	(ft)	(6")	(tsf)	(%)	After	Hrs.	(ft)	(6")	(tsf)	(%)
16 34" Asphalt pavement.								35	6.0	7	
								50.4"	S		
	97.68					Extent of exploration.					
Stiff, damp, gray, CLAY.						Benchmark: TBM painted square on SW corner of traffic controller cabinet foundation 40' Lt, Station 14+56 = assumed 100.00'					
			3								
			5	2.0	22						
			5	B							
			0								
			1	1.1	22						
			3	B							
			1								
Few organics and fine gravel.			2	1.7	20						
			4	B							
			2								
			4	1.9	17						
			5	B							
			3								
Very stiff, damp, red, CLAY LOAM TILL.	86.38		8	3.6	14						
			17	B							
Medium, wet, brown, fine grained, SAND. 9% passing #200 sieve.	84.58		2		16						
			12								
Hard, gray, CLAY TILL.	83.38		13								
			18								
Very stiff, very moist, gray, SANDY LOAM.	82.08		41	2.3	14						
			46	S							
Hard, very moist, gray, CLAY LOAM TILL w/fine gravel and sandstone fragments.	80.68		11								

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)



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SOIL BORING LOG

Page 1 of 1
Date 4/26/06

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Fdns - Olney - IL 130 & North Ave LOGGED BY E. Sandschafer
SECTION (123Z,124Z)TS-2,RS-3 LOCATION Sec 3 - NW 14, Sec 4 - NE 14, SEC., TWP. 3 N, RNG. 10 E, 3 PM
COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	gINT file	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	080-ts01	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O
BORING NO.	2	P	O	S	I	Groundwater Elev.:		P	O	S	I
Station	14+36	T	W	S	T	First Encounter	Dry	H	W	Qu	T
Offset	40.00R Lt	H	S	Qu	T	Upon Completion	88.4	(ft)	(6")	(tsf)	(%)
Ground Surface Elev.	100.36	(ft)	(6")	(tsf)	(%)	After	Hrs.	(ft)	(6")	(tsf)	(%)
Topsoil.								100.06			
Medium to stiff, damp, brown/red/gray, CLAY.											
			5								
			6	1.5	19						
			10	B							
			3								
			2								
No recovery this trip, possible rock stuck in sampler shoe.			2								
			4								
with few fine gravel and sand.			6	1.3	21						
			10	B							
			3								
			5	1.0	17						
			6	B							
			15								
Hard, very moist, gray, CLAY TILL.	87.86		23	7.3	9						
			26	B							
			12								
			18	+9.2	8						
			24	DNF							
			7								
			14	5.3	11						
			26	B							
Extent of exploration.	81.86										

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BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
INTERSECTION
IL 130 (WEST ST)
& NORTH AVE
SCALE: VERT. _____ HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

5/19/2006
PLOT DATE = 5/19/2006
FILE NAME = 74161.d03406pa.dgn
PLOT SCALE = AS IS
USER NAME = dschafer