

Illinois Department of Transportation  SOIL BORING LOG  Solid BORING LOG  Division of Highways Illinois Department of Transportation								Date10/17/0				
ROUTE FAP 332 (IL 1) DESCRIPTIO	N	Gre	athous	se Cre	ek at SW edge of Mt. Carmel LOGG	ED B	Y <u>E. S</u>	<u>Sands</u>	chaf			
<b>SECTION</b> (103B)B-1 LO	CAT	ION _	NE 1/4	, SEC	. 30, TWP. 1 S, RNG. 12 W, 3 PM							
COUNTY Wabash DRILLING	G МЕ	THOD	Hol	low ste	em auger & split spoon HAMMER TYPE		Auto	140#				
STRUCT. NO.         093-0008           Station         850+32           BORING NO.         1 S Abut	D E P T	B L O W	U C S	M 0 - s	Surface Water Elev. 388.20 ft Stream Bed Elev. 385.46 ft  Groundwater Elev.:	D E P T	B L O W	U C S	N C			
Station         850+52           Offset         15.50ft Lt           Ground Surface Elev.         403.94         ft	H (ft)	S (/6")	Qu (tsf)	Т	First Encounter	H (ft)	S (/6")	Qu (tsf)	{%			
6" mixtureof aggregate and Clay shoulder.  Brown, SILTY LOAM.					Very stiff, damp, red/gray/brown, SILTY CLAY.		5 7	2.8 B	2			
Stiff, damp, brown, SILTY CLAY		24					3					
LOAM.		45 15	1.1 S	14			7 8	3.7 B	2			
	-5	4	2.0	19			6	3.3	2:			
		6	S				11	В				
Stiff, damp, brown/red/gray, SILTY	_	2					5					
CLAY.		5	1.2 B	19			6 8	3.0 S	2			
	-10	3				-30						
	_	4 5	1.2 B	21			3 5	2.7 B	28			
391.64		1										
Soft, very damp, brown mottled gray, LOAM.		2	0.3 B	23								
389.44 Hard, damp, red/gray/brown, SILTY CLAY.			1.0	31	369.44 Medium, wet, gray, fine grained, SAND. 10% passing #200 sieve.	-35	1		1			
		7	4.9 B	31	2 12		13					
		3										
		5	2.8	22			1					

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)

10% passing #200 sieve. 363.94 -40 0

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	ivision of Highways inois Department of Trar	nsportation							Date	_
ROUTE FAP 3	332 (IL 1) DESC	CRIPTIO	N	Gre	athous	se Cre	ek at SW edge of Mt. Carmel LOGGE	D B	Y <u>E.</u> S	<u>3a</u>
SECTION	(103B)B-1	LO	CAT	ION _	NE 1/4	, SEC	. 30, TWP. 1 S, RNG. 12 W, 3 PM			
COUNTY	Wabash [	ORILLIN	G ME	THOE	Hol	low ste	em auger & split spoon HAMMER TYPE		Auto	1
BORING NO Station Offset	850+32 1 S Abut 850+52 15.50ft Lt		D E P T H	W S	U C S Qu	M O I S T	Surface Water Elev.         388.20         ft           Stream Bed Elev.         385.46         ft           Groundwater Elev.:         369.4         ft           Upon Completion         387.4         ft           After 72         Hrs.         391.9         ft	D E P T H	B L O W S	(4
Medium, damp,	ce Elev. 403.9 gray, SANDY	4 ft	(11)	<b>(/6'')</b>	(tsf) 0.8	(%) 24	Hard, damp, gray, CLAY LOAM	(11)	( <b>/6'')</b> 31	(1) 7
LOAM.			4	В		TILL.  Very hard drilling. (continued)		36	[	
Medium, wet, gr SAND. 11% pa Very stiff, damp CLAY.	ay, fine grained, ssing #200 sieve.	359.44 354.44		7 4	2.7	15			7	4
OL/ ( )				9	В	20	_		18	_
							-			

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)

FILE NAME =	USER NAME = RJT	DESIGNED - ELH 09/10	REVISED -		BORING LOGS	F.A.P. SECTION	COUNTY TOTAL SHEET	
0930026-74220-18-Soil.dgn	ESCA JOB NO. 933.12	CHECKED - MJW/RDP 09/10	REVISED - REVISED -	STATE OF ILLINOIS		332 (103B)B-1	WARASH 53 33	
	PLOT SCALE = 0:1 ':" / IN.	DRAWN - DWH/KAH 08/11		DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 093-0026		CONTRACT NO. 74220	
	PLOT DATE = 12/15/2011	1:40:13 PM CHECKED - ELH 08/11	REVISED -		SHEET NO. 18 OF 21 SHEETS	ILLINOIS FE	D. AID PROJECT	