

of Transpo Division of Highways Illinois Department of Transp		ior	1		SC	IL BORING LOG		Date	10/2	20/0
		N	Gre	athous	se Cre	ek at SW edge of Mt. Carmel LOGGE				
SECTION (103B)B-1	_ LO	CATI	ON _	NE 1/4	l, SEC	. 30, TWP. 1 S, RNG. 12 W, 3 PM				
COUNTY Wabash DRILLING METHOD _ Hollow stem auger & split spoon HAMMER TYPE Auto 140#										
STRUCT. NO. 093-0008 Station 850+32 BORING NO. 2 N Abut Station 851+20 Offset 13.00ft Rt		D E P T H	B L O W S	O C W G	M O I S T	Surface Water Elev. 388.20 ft Stream Bed Elev. 385.46 ft Groundwater Elev.: First Encounter 363.3 ft	D E P T H	B L O W S	U C s Qu	M O I S T
Ground Surface Elev. 402.78	ft	(ft)	(/6'')	(tsf)	(%)	7 (140) 11101 333.0 12	(ft)	` '	(tsf)	(%
3 1/2" asphalt on 6" concrete pavement. Medium to stiff, damp, gray, SILTY	401.98	_				Very stiff, damp, brown, SILTY CLAY. (continued)		5 7	3.1 S	29
LOAM.			4			380.78		4		
			5 5	1.4	19	Very stiff, damp, brown to gray, CLAY.		7	3.8	20
		_	6	В			_	11	В	
		-5	3	1.0	20	_	-25	4	2.6	27
			3	1.0 B	20			7	2.6 B	21
	395.78									
Stiff, damp, red marbled brown, SILTY CLAY.		_	2	1.5	21			3 5	3.8	25
			5	В		_		7	В	
						-		•		
		-10	4	1.4	22	-	-30	3 6	2.8	24
			5	В		_		8	В	
Stiff, damp, red marbled gray,	390.78		2			_				
CLAY.			3	1.2	24	_				
			4	В		_				
Stiff, damp, red w/ gray layers,	387.78	-15	3	1.6	26	Very soft, wet, gray, SANDY LOAM.	-35	0	0.1	16
SILTY CLAY.			7	В		_		1	S	<u> </u>
	385.28		3							l

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)

Gray, fine grained, SAND.

	Illinois Department of Transportation Division of Highways Illinois Department of Transportation
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ROUTE <u>FAP 332 (IL 1)</u> L	ESCRIPTIO	N	Gre	athous	se Cre	ek at SW edge of Mt. Carmel LOGG	FD B	Υ <u>Ε. S</u>	Sandso	chat
SECTION (103B)B-1	LO	CAT	ION _	NE 1/4	1, SEC	. 30, TWP. 1 S, RNG. 12 W, 3 PM				
COUNTY Wabash	_ DRILLIN	G ME	THOE	Hol	low st	em auger & split spoon HAMMER TYPE		Auto	140#	
STRUCT. NO. 093-00 Station 850+3 BORING NO. 2 N Abu Station 851+20 Offset 13.00ft Ground Surface Elev. 40	ut) Rt	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. 388.20 ft Stream Bed Elev. 385.46 ft Groundwater Elev.: 363.3 ft Upon Completion 388.9 ft After 96 Hrs. 396.8 ft	D E P T H	B L O W S (/6")	U C S Qu (tsf)	M O I S T
Medium, damp, gray, SANDY			4	0.7 S	23	Hard, damp, gray, CLAY LOAM TILL. Very hard drilling.		30 48	6.9 S	10
			9			(continued)		40	3	
	358.28						 65			
Loose, wet, gray, fine grained SAND. <i>6% passing #200 sie</i>	l, ve.	-45	0		17		-65			
			5							
							-70	5 12	2.5	24
		_						10	2.5 B	
		_								
		_								
Hard, damp, gray, CLAY LOA	348.28 AM	-55	18				-75			
ΓILL. Very hard drilling.		_	28 38	6.4 S	10					

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 01/11	REVISED -
0930026-74220-20-Soıl.dgn	ESCA JOB NO. 933.12	CHECKED - MJW/RDP 01/11	REVISED -
	PLOT SCALE = 0:1 ':" / IN.	DRAWN - HAS 08/11	REVISED -
	PLOT DATE = 12/15/2011 1:41:33 PM	CHECKED - FIH 08/11	REVISED -

BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE		
STRUCTURE NO. 093-0026	332	(103B)B-1	WABASH	53	3		
			CONTRACT	NO. 74	422		
SHEET NO. 20 OF 21 SHEETS		ILLINOIS FED. AID PROJECT					