of Transportati	011				DIL BORING LO			Date	1/	5/12
ROUTE IL 47 (FAP 326) DE	SCRI	PTION			er a Unnamed Tributary to East Fork eek, 1.41 Miles North of I-80 (WC 14		OGGI	ED BY	Larry	Mye
SECTION110-110-B	_ '	LOCAT	ION _	SW 1/	4, SEC. 22, TWP. 34N, RNG. 7E					
COUNTY Grundy DRILLING	ME1	THOD	_	Нь	llow Stern Auger HAMMER	TYPE		CME A	lutoma	rtic
032-2502 (Exist.) STRUCT. NO. 032-2538 (Prop.) Station 6071+85 (Prop.) BORING NO. 1 Station 6071+65	DEPTH	B L O W S	U S Qu	M O - S T	Surface Water Elev. 549.91 Stream Bed Elev. Groundwater Elev.; First Encounter Dry	_ ft _ ft	D E P T H	B L O W S	U C S Qu	M O I S T
Offset 28.00ft Rt. Ground Surface Elev. 554.28 ft	(ft)	(/6")	(tsf)	(%)	Upon Completion 530.3 After Hrs.	_ft∑ _ft	(ft)	(/6")	(tsf)	(%
Augered Black Silty Clay Loam Fill					Hard Gray Sity Clay Loam Till (continued)			6 9 14	6.8 S	17.
Very Stiff Black Sity Clay Loam Fill		2 4 5	3.0 P	22.1	Hard Gray Sitty Clay Loam/Sitty Loam Till - Extremely Hard & Brittle	532.28		26 72 93	>4.5 P	4.0
Stiff to Very Stiff Brown & Gray Silty Clay Loam Till 547.28	_	3 4 3	2.0 P	25.2	Hard Grayish Brown Silty Clay Loam Till * Maxed Rimac @ 5% End of Boring	527.78	-25	20 37 44	11.5	9.4
Hard Brown & Gray Silty Loam Till		5			_					
	_	7 9	5.1 S	14.0						
542.28	<u>n</u>	8 11 17	7.1 S	13.4			-30			
Hard Gray Sitty Clay Loam Till		8 10 15	7.6 S	10.3						
	15	9 11 18	8.1 S	9.3			-35			
	_	11	8.1	18.8				-		
		24	S							

Illinois Department of Transportation Page <u>1</u> of <u>1</u> **SOIL BORING LOG** Date ___1/5/12__ ROUTE IL 47 (FAP 326) DESCRIPTION LATTY Myers LOGGED BY Larry Myers SECTION 110-110-B LOCATION SE 1/4, SEC. 21, TWP. 34N, RNG. 7E COUNTY Grundy DRILLING METHOD Hollow Stern Auger HAMMER TYPE CME Automatic | COUNTY | Color | Col Auger Refusal • Boulder/Cobble obstruction @ 20' End of Boring Stiff Black, Brown & Gray Silty Clay Loam Fill Hard Brown & Gray Sity Loam Till 546.76 11 >4.5 12.2 14 P Hard Gray Silty Clay Loam Till Hard Gray Silty Loam with Loamy Gravel Layers - Brittle 535.26

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)

CHECKED - VPT

PLOT DATE =

REVISED



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BBS, form 137 (Rev. 8-99)

SOIL BORINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.		
STRUCTURE NO. 032-2538	326	(110)R, BR & BR-1	GRUNDY	644	321		
			CONTRACT	NO. 6	6B83		
SHEET NO. 4 OF 4 SHEETS	ILLINOIS FED. AID PROJECT						

BBS, form 137 (Rev. 8-99)