



SOIL BORING LOG

ROUTE FAP 303 DESCRIPTION D92-007-93 Triple Pipe, N. of IL 173 on Forest Hills Road LOGGED BY W. Garza
 SECTION 129R LOCATION Harlem Twp. - 16SW, SEC., TWP. 45N, RNG. 2E
 COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	DEPTH H	BLOW S	UCS Qu	MOIST T	Description	ELEVATION ft	DEPTH H	BLOW S	UCS Qu	MOIST T	
																		(ft)
Gravel Shoulder																		
VERY STIFF brown SANDY LOAM	97.50	3																
	96.00	5	2.5	14.0														
		7	P															
STIFF brown SANDY LOAM																		
	93.00	1																
		3	1.0	10.0														
		4	P															
MEDIUM tan dirty SANDY GRAVEL																		
	91.00	6																
		4																
		7																
LOOSE tan dirty SAND																		
	88.50	2																
		3																
		4																
MEDIUM tan SANDY GRAVEL																		
	86.00	8																
		12																
		11																
MEDIUM tan fine SAND																		
	83.00	9																
		12																
		15																
VERY STIFF tan TILL																		
	80.50	14																
		14	3.9	12.0														
		24	S															
		17																

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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																		(ft)
8.5" Asphalt																		
STIFF brown SANDY LOAM	97.70	9																
	96.20	4	1.0	14.0														
		4	P															
STIFF brown SANDY LOAM																		
	93.20	3																
		4	1.7	14.0														
		6	P															
DENSE tan SANDY GRAVEL																		
	91.20	12																
		16																
		20																
MEDIUM tan SANDY GRAVEL																		
	88.70	13																
		10																
		8																
DENSE tan dirty SANDY GRAVEL																		
	85.70	15																
		15																
VERY STIFF tan CLAY LOAM																		
	83.70	6																
		6	3.1	20.0														
		10	B															
HARD tan TILL																		
	81.20	10																
		16	4.2	10.0														
		19	S															
VERY STIFF gray TILL																		
		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 = 1010000-66N13-004-Bor-rng.dgn
 MODEL = Default
 PLOT DRIVER = V8...IDOT...PDF...1x17...1x17



USER NAME =	DESIGNED - RJP	REVISED
	CHECKED - DRB	REVISED
PLOT SCALE =	DRAWN - JTF	REVISED
PLOT DATE =	CHECKED - DRB	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
 FOREST HILLS ROAD OVER UNNAMED TRIBUTARY
 SHEET NO. 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	691
CONTRACT NO. 64988				
ILLINOIS FED. AID PROJECT				