



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 1

Date 1/24/12

ROUTE IL 47 (FAP 326) DESCRIPTION Box Culvert under a Field Entrance East of IL 47, 1.1 Miles North of I-80 (Structure 9) LOGGED BY Larry Myers
SECTION (109, 110)R, R-1, 110BR & BR-1 LOCATION SW 1/4, SEC. 22, TWP. 34N, RNG. 7E

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D P T H	B L O W S	L O S S	U C S	M O D E	Surface Water Elev. Stream Bed Elev.	ft	D E P T H	B L O W S	U C S	M O D E	ft	D E P T H	B L O W S	U C S	M O D E	ft	
																		Groundwater Elev.: First Encounter Upon Completion After Hrs.
Structure 9 (Prop.) 8080+40, 80' Rt																		
BORING NO. 2 Station 8080+76 Offset 27.00ft RL Ground Surface Elev. 555.42 ft																		
Augered White Shoulder Stone, Black/Brown Silty Clay Loam Fill							533.92	23	33			11.5**	12.2					
Very Stiff Black & Brown Silty Clay Loam Fill		2																
		3	3.0															
		4	P															
		5																
		4	3.8															
		4	P															
Hard Brown Silty Clay Loam Till		4																
		5	3.9															
		6	S															
Hard Gray Silty Clay Loam Till		8																
		11	8.3															
		14	S															
		9																
		10	8.0															
		12	S															
Hard Gray Silty Loam/Silty Clay Loam Till with some Sil Layers ** Max Rimac @ 5%		16																
		18	11.5**															
		26	S															
		12																
		14	11.5**															
		29	S															
		20																

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, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 1

Date 1/24/12

ROUTE IL 47 (FAP 326) DESCRIPTION Box Culvert under a Field Entrance East of IL 47, 1.1 Miles North of I-80 (Structure 9) LOGGED BY Larry Myers
SECTION (109, 110)R, R-1, 110BR & BR-1 LOCATION SW 1/4, SEC. 22, TWP. 34N, RNG. 7E

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D P T H	B L O W S	L O S S	U C S	M O D E	Surface Water Elev. Stream Bed Elev.	ft	D E P T H	B L O W S	U C S	M O D E	ft	D E P T H	B L O W S	U C S	M O D E	ft	
																		Groundwater Elev.: First Encounter Upon Completion After Hrs.
Structure 9 (Prop.) 8080+40, 80' Rt																		
BORING NO. 3 Station 8082+19 Offset 26.00ft RL Ground Surface Elev. 555.29 ft																		
Augered White Shoulder Stone, Black & Brown Silty Clay Loam Fill							533.79	31	58			12.1**	6.5					
Very Stiff Black & Brown Silty Clay Loam Fill		3																
		4	3.0															
		5	P															
		4																
		4	3.5															
		5	P															
Very Stiff Brown & Gray Silty Loam Till		4																
		4	3.0															
		3	P															
Hard Brown Silty Loam/Silty Clay Loam Till		4																
		5	4.1															
		6	S															
Hard Gray Silty Clay Loam/Silty Loam Till		8																
		9	7.6															
		10	S															
** Max Rimac @ 5%		21																
		32	11.5**															
		37	S															
*** Max Rimac @ 0%		22																
		41	12.1**															
		42	S															
		20																

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, form 137 (Rev. 8-99)

REVISED -	USER NAME =	DESIGNED - PSS
REVISED -	FILE NAME =	CHECKED - VPT
REVISED -	PLOT SCALE =	DRAWN - AJF
REVISED -	PLOT DATE =	CHECKED - VPT



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
STRUCTURE NO. 032-2545

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	317
				CONTRACT NO. 66B83
ILLINOIS FED. AID PROJECT				

SHEET NO. 3 OF 3 SHEETS