

BORING LOGS

Page 1 of 1

SOIL BORING LOG

Date 4/23/14

ROUTE FAU 5789/FAU 5861 DESCRIPTION P92-017-09 Culvert on US 6, 200' W. of IL 84 LOGGED BY W. Garza

SECTION 2R-1 LOCATION Colona Twp. - 15SE, SEC. , TWP. 17N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H H	B L O W S	U C S Qu	M O I S T ure (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	D E P T H H	B L O W S	U C S Qu	M O I S T ure (%)	Description	
														(ft)	(/6")
-90.358473 41.456031 MEDIUM light brown SILTY CLAY LOAM			0.6 P	28		615.90				12				14	MEDIUM dark gray SHALE (continued)
MEDIUM light brown SILTY LOAM	634.90	0								10				15	DENSE dark gray SHALE
	633.40	3	0.7 B	36		613.40				22					
MEDIUM dark gray SILTY LOAM		1								10				26	VERY DENSE dark gray SHALE
	630.40	2	0.6 B	33		610.90				45					End of Boring
MEDIUM light gray SANDY LOAM TILL		1													
	628.40	2	0.8 P	14											
VERY STIFF tan TILL		4													
	625.90	11	3.9 B	10											
VERY STIFF gray TILL		9													
	623.40	11	3.3 B	10											
VERY STIFF gray TILL		8													
	620.90	12	3.9 S	8											
HARD gray TILL		12													
	617.90	16	5.9 S	9											
MEDIUM dark gray SHALE		14													

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)

Page 1 of 1

SOIL BORING LOG

Date 4/18/14

ROUTE FAU 5789/FAU 5861 DESCRIPTION P92-017-09 Culvert on US 6, 200' W. of IL 84 LOGGED BY W. Garza

SECTION 2R-1 LOCATION Colona Twp. - 15SE, SEC. , TWP. 17N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H H	B L O W S	U C S Qu	M O I S T ure (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	D E P T H H	B L O W S	U C S Qu	M O I S T ure (%)	Description	
														(ft)	(/6")
-90.358506 41.455603 VERY SOFT brown SILTY CLAY LOAM			0.2 P	25										14	HARD light gray TILL
MEDIUM tan/light gray SILTY LOAM	640.10	2												24	Hard Drilling (continued)
	638.60	3	0.6 P	29										11	HARD gray TILL
		7												20	
VERY SOFT light gray SILT		2												16	
	635.60	2	0.2 P	27										9	VERY STIFF gray SHALE
		3												2.3	
STIFF tan SILTY CLAY LOAM		3												13	VERY DENSE gray SHALE
	633.10	4	1.5 B	25										25	
		5												29	
HARD tan TILL with fine SAND lens		12													
	631.10	9	4.4 S	10											
HARD tan TILL		10													
	628.60	14	4.4 S	9											
VERY STIFF light gray TILL		9													
	626.10	11	2.7 S	7											
VERY STIFF light gray TILL		10													
	623.60	15	2.5 S	7											
		18													
		6													

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)