


BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 5/19/14

ROUTE FAU 5789/FAU 5861 DESCRIPTION P92-017-09 Proposed access road culvert, 1,000' E. of IL 84 LOGGED BY W. Garza


SECTION 2R-1 LOCATION Colona Twp. - 14SW, 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 U R E (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	D E P T H H	B L O W S	U C S Qu	M O I S T U R E (%)
-90.355568 41.455863 STIFF light brown SILTY CLAY LOAM			1.1 P	21	584.10		583.1	579.1		4	8	2.7 B	17
STIFF light brown SILTY CLAY	603.10	3								4	8	2.5 B	17
STIFF tan SILTY LOAM	601.60	2 5	1.8 P	21	581.60					5	7	2.5 B	17
VERY SOFT gray SILTY LOAM	599.10	2 3	1.0 P	25	579.10					6	8	2.9 B	18
STIFF gray SILTY LOAM	596.60	2 3	1.2 B	27	576.60					4	7	4.3 B	16
MEDIUM gray SILTY LOAM	594.10	1 2 8	0.8 P	27	573.60					100/11			
STIFF gray LOAM	589.10	1 2 5	1.7 B	21	571.60								
STIFF tan/gray CLAY LOAM	586.10	1 2 4	1.7 B	19									
VERY STIFF tan TILL		3											

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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-90.355538 41.455643 MEDIUM light brown SILTY LOAM	603.50	1 3	0.9 P	18	584.50		None	Dry		5	8	3.3 B	15
STIFF tan SILTY LOAM	602.00	2 2	1.5 P		582.00					3	6	2.1 B	17
SOFT tan LOAM	599.50	1 1	0.3 P	23	579.50					2	7	3.3 B	15
STIFF light brown SILTY CLAY LOAM	597.00	1 3	1.1 B	19	577.00					3	6	2.5 S	21
VERY STIFF tan TILL	594.00	6 6	2.5 B	16	574.50					3	7	3.9 B	13
VERY STIFF tan TILL	592.00	3 6	2.9 B	15	572.00					3	9	4.3 B	14
VERY STIFF tan TILL	589.50	3 5	3.3 B	14	569.50					2	9	5.4 B	15
VERY STIFF tan TILL	587.00	2											

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