Illinois Dep of Transpor Evolution of Highways IL 47 (FAP 326) (109, 110)R.R-1, 110 SECTION 100	_ DEA	SCRI	PTION	E	ox Culv ntrance	DIL BORING LOG ert under Granville Road and a Private e East of IL 47, 0.8 Miles North of I-80 (Structure 8) LOGGED BY Larry Myer 4, SEC, 22, TWP, 34N, RNG, 7E
						low Stem Auger HAMMER TYPE CME Automatic
STRUCT. NO. Structure 8 (Prop.		D E P T H	B L O W S	C S Qu	M O I S T	Surface Weter Elev.
Augered black silty clay loam fill with gravel pieces.		(/	V-7	()	(14)	After Hra. ft (ft) (ft)
Very stiff to hard brown stity clay loam till.	549.38		4 5 6	3.5 P	19.4	* Max Rimac at 5%. (continued) ** Max Rimac at 5%. (continued) 31 29 11.5** 10.3
	544.38	-5	4 5 5	4.0 P	15.0	525.88 26 31 11.5 ^{-st} 11.2 End of Boring
Medium brown fine sand. Free water at 10 ft.		∇	7 10		17.1	
		<u>Ā</u> -·∪	7 12 12		22.4	30
Hard gray sit with fine sand layers and minor clay seams.	539.88		7 14 18	>4.5 P	18.4	
Hard gray sity clay loam / sity loam till with sit layers.	537.38	5	21 39 64	12.1* S	11.4	-36
* Max Rimac at 0%. ** Max Rimac at 5%.			31 47 58		10.0	

Box Culvert under Granville Road and a Private Entrance East of IL 47, 0.8 Miles North of I-80 (Structure 8) Date ____2/15/12__ ROUTE IL 47 (FAP 326) DESCRIPTION LOGGED BY Larry Myers (109, 110)R.R-1, 110BR & SECTION BR-1 LOCATION SW 1/4, SEC. 22, TWP. 34N, RNG. 7E COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic D B U M E L C O P O S I T W S H S Qu T T W S Qu T | Groundwater Elev.: | First Encounter | Dry | ft | Upon Completion | Dry | ft | After | Hrs. | ft BORING NO. Offset 39.00ft Rt.
Ground Surface Elev. 551.80 ft (ft) (/6") (tsf) (%) (ft) (/6") (tsf) (%) Hard gray silty loam till with silt layers. Augered black silty clay loam fill. * Max Rimec at 0%. (continued) 549.30 Very stiff black, brown, and gray sity clay and sity clay loam fill. 4 3.0 22.4 546.80 Very stiff to hard brown silty clay 4 3.5 16.9 3 P loam / silty loam till. End of Boring 4.5 15.0 542.30 Hard gray silty loam till with silt. layers. 12 6.1 13.4 * Max Rimac at 0%. 25 11.1 9.3 31 S

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)

Page 1 of 1

26 | 12.1* | 8.7

29 12.1* 11.1

BBS, form 137 (Rev. 8-99)

SOIL BORING LOG

Illinois Department

of Transportation

Illinois Department of Transportation Page <u>1</u> of <u>1</u> SOIL BORING LOG Box Culvert under Granville Road and a Private Entrance East of IL 47, 0.8 Miles North of I-80 (Structure 8) Date 2/15/12 ROUTE IL 47 (FAP 326) DESCRIPTION LOGGED BY Larry Myers SECTION (109, 110)R,R-1, 110BR & LOCATION NW 1/4, SEC. 27, TWP. 34N, RNG. 7E COUNTY Grundy DRILLING METHOD Hollow Stern Auger HAMMER TYPE CME Automatic D B U M E L C O P O S I T W S H S Qu T Station ____ Stream Bed Elev. BORING NO. First Encounter Dry ft
Upon Completion Dry ft
After Hrs. ft Offset 78.00ft Rt.
Ground Surface Elev. 550.70 ft (ft) (/6") (tsf) (%) (ft) (/6") (tsf) (%) Hard gray sity loam till with sit layers. (continued) Augered black silty clay loam fill. 18 10.7 17.0 Very stiff black, brown and gray sity loam / sity clay loam fill. 23 | 11.1 | 10.6 End of Boring Hard gray silty loam till with silt. >4.5 17.1

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (5-Bulge, 5-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO 1206)

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

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)



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