



Illinois Department of Transportation
Division of Highways
ILINDOT

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 (109, 110)R,R-1, 110BR & BR-1 LOCATION SW 1/4, SEC. 22, TWP. 34N, RNG. 7E LOGGED BY Larry Myers

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	Alter	Hrs.	D	B	U	M	
						(ft)	(#)	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(#)	(tsf)	(%)	
Structure 8 (Prop.)	6048+30, 82' RT	1	6047+58	40.00ft RL	551.88																
Augered black silty clay loam fill with gravel pieces.																					
Very stiff to hard brown silty clay loam till.																					
Medium brown fine sand. Free water at 10 ft.																					
Hard gray silt with fine sand layers and minor clay seams.																					
Hard gray silty clay loam / silty loam till with silt layers.																					
* Max Rimac at 0%. ** Max Rimac at 5%.																					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Panetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BSS, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
ILINDOT

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 (109, 110)R,R-1, 110BR & BR-1 LOCATION SW 1/4, SEC. 22, TWP. 34N, RNG. 7E LOGGED BY Larry Myers

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	Alter	Hrs.	D	B	U	M	
						(ft)	(#)	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(#)	(tsf)	(%)	
Structure 8 (Prop.)	6048+30, 82' RT	2	6046+71	39.00ft RL	551.80																
Augered black silty clay loam fill.																					
Very stiff black, brown, and gray silty clay and silty clay loam fill.																					
Very stiff to hard brown silty clay loam / silty loam till.																					
Hard gray silty loam till with silt layers.																					
* Max Rimac at 0%.																					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Panetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BSS, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
ILINDOT

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 (109, 110)R,R-1, 110BR & BR-1 LOCATION NW 1/4, SEC. 27, TWP. 34N, RNG. 7E LOGGED BY Larry Myers

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	Alter	Hrs.	D	B	U	M	
						(ft)	(#)	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(#)	(tsf)	(%)	
Structure 8 (Prop.)	6048+30, 82' RT	3	6045+14	78.00ft RL	550.70																
Augered black silty clay loam fill.																					
Very stiff black, brown and gray silty loam / silty clay loam fill.																					
Very stiff to hard brown silty loam / silty clay loam till.																					
Hard gray silty loam till with silt layers.																					
* Max Rimac at 0%.																					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Panetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BSS, 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. 032-2544

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	395
CONTRACT NO. 66B83				