



# SOIL BORING LOG

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Date 4/20/11

ROUTE FAI 80 (I-80) DESCRIPTION Minooka Road (Samples 9 & 10) LOGGED BY Larry Myers  
SECTION (32.47-4)HBR-2 LOCATION NE 1/4, SEC. 4, TWP. 34N, RNG. 8E  
COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTHS	BLOW COUNTS	UCS	MOISTURE	Description	Surface Water Elev.		Groundwater Elev.:	
						ft		ft	
7					Augered Bituminous Pavement, Brown Sand/Gravel Fill				
54+49					Hard Brown Silty Loam Fill with Heavy Large Gravel Pieces & Some Silty Clay Loam Layers				
7.00ft Lt.					Hard Gray Silty Loam Till with Heavy Gravel & Topsoil mixed in @ 11'				
560.75					Very Stiff Black to Dark Gray Silty Clay/Silty Clay Loam Topsoil				
					Very Stiff to Hard Brown & Gray Silty Loam Till				
					Auger Refusal @ 17' - Cobble/Boulder Obstruction End of Boring				

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)



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ROUTE FAI 80 (I-80) DESCRIPTION Minooka Road (Sample 11) LOGGED BY Larry Myers  
SECTION (32.47-4)HBR-2 LOCATION NE 1/4, SEC. 4, TWP. 34N, RNG. 8E  
COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTHS	BLOW COUNTS	UCS	MOISTURE	Description	Surface Water Elev.		Groundwater Elev.:	
						ft		ft	
8					Augered Bituminous Pavement, Brown Sand & Gravel Fill				
45+49					Very Stiff to Hard Brown & Gray Silty Clay Loam & Silty Loam Till Fill				
9.00ft Lt.					Very Stiff Black to Dark Gray Silty Clay/Silty Clay Loam Topsoil				
561.29					Very Stiff Brown & Gray Silty Clay/Silty Clay Loam Till				
					Auger Refusal @ 17' - Cobble/Boulder Obstruction End of Boring				

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)



# SOIL BORING LOG

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ROUTE FAI 80 (I-80) DESCRIPTION Minooka Road (Sample 12) LOGGED BY Larry Myers  
SECTION (32.47-4)HBR-2 LOCATION NW 1/4, SEC. 4, TWP. 34N, RNG. 8E  
COUNTY Grundy DRILLING METHOD Push HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTHS	BLOW COUNTS	UCS	MOISTURE	Description	Surface Water Elev.		Groundwater Elev.:	
						ft		ft	
9					Black & Brown Silty Clay Loam Fill with Gravel				
42+47					Black Silty Clay Loam Topsoil				
15.00ft Lt.					Brown & Gray Silty Clay				
550.60					End of Boring				

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)