



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 1

Date 4/20/11

ROUTE FAI 80 (I-80) DESCRIPTION Minooka Road (Sample 1) LOGGED BY Larry Myers
SECTION (32,47-4)HBR-2 LOCATION NE 1/4, SEC. 4, TWP. 34N, RNG. 8E
COUNTY Grundy DRILLING METHOD Push HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH	BULGE	UCS	MOISTURE	Surface Water Elev.	Stream Bed Elev.
1	71+49					
	17.00ft Lt.					
	Ground Surface Elev. 547.83	ft	(ft)	(/6")	(tsf)	(%)
Black Silty Clay Loam Topsoil Fill						
	546.83					
Black & Brown Silty Clay Loam/Silty Loam Fill						
		2.0			27.4	
		P				
End of Boring						
	541.83	2.5			25.6	
		P				

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 (Samples 2, 3 & 4) LOGGED BY Larry Myers
SECTION (32,47-4)HBR-2 LOCATION NE 1/4, SEC. 4, TWP. 34N, RNG. 8E
COUNTY Grundy DRILLING METHOD Push HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH	BULGE	UCS	MOISTURE	Surface Water Elev.	Stream Bed Elev.
2	69+49					
	18.00ft Lt.					
	Ground Surface Elev. 545.63	ft	(ft)	(/6")	(tsf)	(%)
Brown & Black Silty Clay Loam Fill with Gravel Pieces						
	542.63					
Brown & Gray Silty Clay/Silty Clay Loam with some Large Gravel Pieces						
		2.0			17.7	
		P				
Brown & Gray Silty Clay Loam Till with Large Gravel Pieces						
	540.63	2.5			31.3	
		P				
End of Boring						
	538.63	>4.5			27.4	
		P				

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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ROUTE FAI 80 (I-80) DESCRIPTION Minooka Road (Sample 5) LOGGED BY Larry Myers
SECTION (32,47-4)HBR-2 LOCATION NE 1/4, SEC. 4, TWP. 34N, RNG. 8E
COUNTY Grundy DRILLING METHOD Push HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH	BULGE	UCS	MOISTURE	Surface Water Elev.	Stream Bed Elev.
3	66+49					
	18.00ft Lt.					
	Ground Surface Elev. 545.18	ft	(ft)	(/6")	(tsf)	(%)
Black & Brown Silty Clay Loam Fill with Gravel Pieces						
		2.0			19.5	
		P				
End of Boring						
	539.18	2.0			31.4	
		P				

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)

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
et:\pw\work\p\dot\duncanbd\dms58037\ep01904-sht-pavement soil borings.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT SOIL BORINGS
MINOOKA ROAD

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32,47-4)HBR-2	GRUNDY	143	107
CONTRACT NO. 66873				
ILLINOIS FED. AID PROJECT				