

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHEET NO. B25
OF 35 SHEETS

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 7/31/03

ROUTE FAI 80 DESCRIPTION ASHLEY ROAD OVER FAI 80 WEST OF MORRIS LOGGED BY IDOT-LM

SECTION 32-3HBR-1 LOCATION NE 1/4, SEC. 27, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD _____ HAMMER TYPE AUTOMATIC

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTH	DIAMETER	UNIT	MOISTURE	UNCONFINED COMPRESSIVE STRENGTH	SOIL DESCRIPTION	DEPTH	DIAMETER	UNIT	MOISTURE	UNCONFINED COMPRESSIVE STRENGTH
032-0057 EXISTING	110+00	02 NO. ABUT	108+68	5.50ft LT	565.15	(ft)	(in)	(tsf)	(%)			(ft)	(in)	(tsf)	(%)	
											Very Stiff Dark Brown SANDY CLAY LOAM (FILL) (continued)	15	3.0	28.0		
											Very Stiff Brown SANDY CLAY LOAM	3	2.6	23.0		
											Loose Brown Fine SAND & Medium GRAVEL	2		18.0		
											Stiff Gray SILT	5	1.5	25.0		
											Very Stiff SILT & Fine SAND	2		26.0		
											Medium Brown SANDY CLAY LOAM (FILL)	16	2.5	18.0		
											Hard Gray SANDY CLAY LOAM TILL	14	6.6	17.0		
											Very Stiff Dark Brown SANDY CLAY LOAM (FILL)	13	8.5	18.0		
											Very Stiff Gray SANDY LOAM TILL	13				

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 T208)
BBS, from 137 (Rev. 8-99)

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032-0057 EXISTING	110+00	02 NO. ABUT	108+68	5.50ft LT	565.15	(ft)	(in)	(tsf)	(%)			(ft)	(in)	(tsf)	(%)	
											Very Stiff Gray SANDY LOAM TILL (continued)	20	3.5	14.0		
											Hard Gray SANDY CLAY LOAM TILL	28				
											Hard Gray CLAY with Fine SILT Layers	13	10.1	16.0		
											Very Stiff Fine SAND, SILT & SILTY LOAM Layers	7	2.9	25.0		
											Hard Gray SILTY LOAM	16	4.5	26.0		
											Stiff Gray SILT with Minor CLAY	15				

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SOIL BORING LOGS F.A.I. 80 (I-80) F.A.U. 5974 (ASHLEY ROAD) OVER I-80 SECTION 32-3HBR-1 GRUNDY COUNTY STATION 110+00.00 STRUCTURE NO. 032-0113 DESIGNED BY: JML DATE: 09/09/05
NAME	DATE	
		DRAWN BY: DJM CHECKED BY: MSW