

**BORING NO.** B-35  
**DATE** 08-18-08  
**W. & A. FILE NO.** 4711  
**SHEET** 35 OF 39



**WHITNEY & ASSOCIATES**  
 INCORPORATED  
 2406 West Nebraska Avenue  
 PEORIA, ILLINOIS 61604

**BORING LOG**

**PROJECT** NORTHMOOR ROAD IMPROVEMENT **LOCATION** Peoria, Illinois  
**BORING LOCATION** Station 82+59; 27' Right of Centerline **DRILLED BY** Fehl  
**BORING TYPE** Hollow Stem Auger **WEATHER CONDITIONS** Partly Cloudy & Mild  
**SOIL CLASSIFICATION SYSTEM** U.S.B.S.C. **SEEPAGE WATER ENCOUNTERED AT ELEVATION** None  
**GROUND SURFACE ELEVATION** 782.8 **GROUND WATER ELEVATION AT** - HRS. -  
**BORING DISCONTINUED AT ELEVATION** 761.8 **GROUND WATER ELEVATION AT COMPLETION** None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY Organic Topsoil Medium, Light Brown, Orange-Brown And Gray SILTY CLAY LOAM	9'						
		SS	5	1.0	0.8	96	22
Stiff, Light Brown And Gray SILTY CLAY	4						
		SS	8	1.1	1.0	94	25
Hard, Brown, Weathered GLACIAL SILTY CLAY TILL	8						
		SS	17	4.5+	4.9	120	12
Very Stiff, Brown, Weathered GLACIAL SANDY CLAY TILL							
		SS	14	3.1	2.8	117	14
Very Stiff, Gray-Brown, Weathered GLACIAL SILTY CLAY TILL	12						
		SS	18	3.5	3.3	119	13
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	16						
		SS	14	2.7	2.5	118	14
EXPLORATORY BORING DISCONTINUED	20						
		SS	13	2.5	2.2	117	15
	24						

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER  
 FALLING 30 INCHES  
 SS - SPLIT SPOON SAMPLE  
 ST - SHELBY TUBE SAMPLE

Qp - CALIBRATED PENETROMETER READING - T.S.F.  
 Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.  
 Dd - NATURAL DRY DENSITY - P.C.F.  
 Mc - NATURAL MOISTURE CONTENT - %

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**BORING LOCATION** Station 83+38; 27' Right of Centerline **DRILLED BY** Fehl  
**BORING TYPE** Hollow Stem Auger **WEATHER CONDITIONS** Partly Cloudy & Mild  
**SOIL CLASSIFICATION SYSTEM** U.S.B.S.C. **SEEPAGE WATER ENCOUNTERED AT ELEVATION** (-) 7.5 Ft.  
**GROUND SURFACE ELEVATION** 783.2 **GROUND WATER ELEVATION AT** - HRS. -  
**BORING DISCONTINUED AT ELEVATION** 762.2 **GROUND WATER ELEVATION AT COMPLETION** None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY LOAM Organic Topsoil Stiff, Dark Brown, Gray-Brown And Light Brown SILTY CLAY LOAM With Trace Of Organic Matter (Fill)	8'						
		SS	5	1.5	1.4	96	23
Stiff, Brown And Olive-Green SILTY CLAY (Fill)	4						
		SS	6	1.2	1.0	94	25
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL	8						
		SS	16	3.9	3.7	120	14
		SS	17	4.0	3.8	121	14
	12						
		SS	14	2.4	2.3	118	15
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	16						
		SS	14	2.4	2.2	117	15
EXPLORATORY BORING DISCONTINUED	20						
		SS	15	2.7	2.5	119	14
	24						

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER  
 FALLING 30 INCHES  
 SS - SPLIT SPOON SAMPLE  
 ST - SHELBY TUBE SAMPLE

Qp - CALIBRATED PENETROMETER READING - T.S.F.  
 Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.  
 Dd - NATURAL DRY DENSITY - P.C.F.  
 Mc - NATURAL MOISTURE CONTENT - %

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