

**BORING NO. B-27**  
 DATE 08-11-08  
 W. & A. FILE NO. 4711  
 SHEET 27 OF 39



**WHITNEY & ASSOCIATES**  
 INCORPORATED  
 2405 West Nebraska Avenue  
 PEORIA, ILLINOIS 61604

**BORING LOG**

PROJECT NORTHMOOR ROAD IMPROVEMENT LOCATION Peoria, Illinois  
 BORING LOCATION Station 76+62; 26' 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 780.7 GROUND WATER ELEVATION AT        HRS.         
 BORING DISCONTINUED AT ELEVATION 759.7 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Brown And Dark Brown SILTY CLAY Organic Topsoil Medium, Brown SANDY CLAY With Some Fine-Grained Gravel	7						
		SS	5	0.8	0.6	101	21
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL	4						
		SS	11	4.0	3.6	118	15
Hard, Brown And Gray, Weathered GLACIAL SILTY CLAY TILL	8						
		SS	12	3.0	3.0	117	15
Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	12						
		SS	23	4.5+	5.8	123	12
	16						
		SS	20	4.5+	5.4	123	12
	16						
		SS	25	4.5+	6.2	125	11
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	20						
		SS	16	3.5	3.5	121	14
EXPLORATORY BORING DISCONTINUED	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 - %

WHITNEY & ASSOCIATES  
 PEORIA, ILLINOIS

**BORING NO. B-28**  
 DATE 08-18-08  
 W. & A. FILE NO. 4711  
 SHEET 28 OF 39



**WHITNEY & ASSOCIATES**  
 INCORPORATED  
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 PEORIA, ILLINOIS 61604

**BORING LOG**

PROJECT NORTHMOOR ROAD IMPROVEMENT LOCATION Peoria, Illinois  
 BORING LOCATION Station 77+65; 26' 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 780.9 GROUND WATER ELEVATION AT        HRS.         
 BORING DISCONTINUED AT ELEVATION 759.9 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY Organic Topsoil Stiff, Brown And Gray SILTY CLAY	8						
		SS	9	1.2	1.1	94	26
Medium, Brown And Gray SILTY CLAY	4						
		SS	4	0.8	0.8	92	27
Stiff, Orange-Brown And Gray SILTY CLAY LOAM	8						
		SS	5	1.3	1.1	95	24
	12						
		SS	6	1.3	1.3	96	23
Medium, Gray And Dark Gray SILTY CLAY LOAM	12						
		SS	4	0.8	0.6	93	26
	16						
		SS	5	0.8	0.8	95	23
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	20						
		SS	10	2.5	2.5	117	14
EXPLORATORY BORING DISCONTINUED	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 - %

WHITNEY & ASSOCIATES  
 PEORIA, ILLINOIS

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FILE NAME =	USER NAME = dws008078	DESIGNED -	REVISED -
I:\09Jobs\09L0027A\CADD\Road\Sheet\c7	fwell.dgn	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 04\02\2012		DATE = 03/27/12	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD STAGE 2 IMPROVEMENT  
 SOIL BORING LOGS  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-01-PV	PEORIA	125	68
	11-00047-03-PV			
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			M-5093(137)	

CONTRACT NO. 89525