

BORING NO. B-31
DATE 08-18-08
W. & A. FILE NO. 4711
SHEET 31 OF 39



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

BORING LOG

PROJECT NORTHMOOR ROAD IMPROVEMENT LOCATION Peoria, Illinois
BORING LOCATION Station 79+58; 28' Right of Centerline DRILLED BY FehI
BORING TYPE Hollow Stem Auger WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.S.C. SEEPAGE WATER ENCOUNTERED AT ELEVATION (-)18.0 Ft.
GROUND SURFACE ELEVATION 783.9 GROUND WATER ELEVATION AT _____ HRS. _____
BORING DISCONTINUED AT ELEVATION 762.9 GROUND WATER ELEVATION AT COMPLETION (-)13.1 Ft.

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY Organic Topsoil	9'						
Medium, Orange-Brown And Gray SILTY CLAY		SS	5	1.0	0.9	92	28
	4'						
Stiff, Orange-Brown And Gray SILTY CLAY		SS	7	1.7	1.5	96	25
	8'						
Medium, Gray SILTY CLAY		SS	5	1.0	0.9	93	28
Stiff, Gray And Dark Gray SILTY CLAY LOAM	12'						
		SS	8	1.4	1.3	96	25
	16'						
		SS	9	2.0	1.7	99	21
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	20'						
		SS	13	2.5	2.3	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. FALLING 30 INCHES
Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
Dd - NATURAL DRY DENSITY - P.C.F.
Mc - NATURAL MOISTURE CONTENT - %

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SHEET 32 OF 39



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BORING LOG

PROJECT NORTHMOOR ROAD IMPROVEMENT LOCATION Peoria, Illinois
BORING LOCATION Station 80+33; 25' Right of Centerline DRILLED BY FehI
BORING TYPE Hollow Stem Auger WEATHER CONDITIONS Partly Cloudy & Mild
SOIL CLASSIFICATION SYSTEM U.S.B.S.C. SEEPAGE WATER ENCOUNTERED AT ELEVATION (-)10.5 Ft.
GROUND SURFACE ELEVATION 784.5 GROUND WATER ELEVATION AT _____ HRS. _____
BORING DISCONTINUED AT ELEVATION 763.5 GROUND WATER ELEVATION AT COMPLETION (-)14.4 Ft.

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY Organic Topsoil	8'						
Stiff, Orange-Brown And Gray SILTY CLAY		SS	6	1.3	1.2	96	24
	4'						
Medium, Orange-Brown And Gray SILTY CLAY		SS	5	1.0	0.9	94	26
Medium, Orange-Brown And Gray SILTY CLAY LOAM	8'						
		SS	4	0.7	0.6	95	25
	12'						
		SS	8	1.0	0.9	97	24
Stiff, Orange-Brown And Gray SILTY CLAY LOAM	12'						
		SS	12	1.9	1.7	99	22
Stiff, Gray And Dark Gray SILTY CLAY LOAM	16'						
		SS	12	2.0	1.9	102	20
Very Stiff, Gray And Dark Gray SILTY CLAY LOAM	20'						
		SS	15	2.6	2.3	105	18
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. FALLING 30 INCHES
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 = I:\09Jobs\09L0027A\CADD\Road\Sheet\c-7\well.dgn	USER NAME = dows00878	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / 1"	CHECKED -	DRAWN -	REVISED -
PLOT DATE = 04/02/2012	DATE = 03/27/12		

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. 6647	SECTION 05-00302-01-PV	COUNTY PEORIA	TOTAL SHEETS 125	SHEET NO. 70
11-00047-03-PV			CONTRACT NO. 89525	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-5093(137)				