

BORING NO. B-21
 DATE 08-08-08
 W. & A. FILE NO. 4711
 SHEET 21 OF 39



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

BORING LOG

PROJECT NORTHMOOR ROAD IMPROVEMENT LOCATION Peoria, Illinois
 BORING LOCATION Station 72+10: 28' 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 781.5 GROUND WATER ELEVATION AT None HRS. None
 BORING DISCONTINUED AT ELEVATION 760.5 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Brown SILTY CLAY Organic Topsoil With Some Fine-Grained Gravel	0						
Very Stiff, Brown SILTY CLAY	4	SS	12	4.0	3.7	102	17
Stiff, Orange-Brown And Gray SILTY CLAY LOAM	8	SS	6	1.1	1.0	95	25
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL	12	SS	11	1.8	1.5	98	23
Very Stiff, Brown And Gray, Weathered GLACIAL SILTY CLAY TILL	16	SS	12	3.3	3.1	118	15
Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	20	SS	14	3.9	3.6	119	14
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	24	SS	16	4.5+	4.5	122	13
EXPLORATORY BORING DISCONTINUED	28						
	32						
	36						
	40						

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-22
 DATE 08-08-08
 W. & A. FILE NO. 4711
 SHEET 22 OF 39



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

BORING LOG

PROJECT NORTHMOOR ROAD IMPROVEMENT LOCATION Peoria, Illinois
 BORING LOCATION Station 72+75: 29' 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 None HRS. None
 BORING DISCONTINUED AT ELEVATION 759.7 GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Brown SILTY CLAY Organic Topsoil	0						
Stiff, Orange-Brown And Gray SILTY CLAY	4	SS	9	1.5	1.4	94	26
Medium, Orange-Brown And Gray SANDY CLAY LOAM	8	SS	4	0.8	0.6	98	23
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL	12	SS	10	2.7	2.5	117	15
Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	16	SS	12	2.6	2.3	118	15
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL	20	SS	14	4.5+	4.6	121	13
Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	24	SS	15	4.5+	4.8	123	12
EXPLORATORY BORING DISCONTINUED	28						
	32						
	36						
	40						

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 = dbrso00878	DESIGNED -	REVISED -
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	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.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-01-PV	PEORIA	125	65
	11-00047-03-PV			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			CONTRACT NO. 89525
				N-5093037