



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

BORING LOG

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

PROJECT NORTHMOOR ROAD IMPROVEMENT LOCATION Peoria, Illinois
BORING LOCATION Station 85+77; 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 785.8 GROUND WATER ELEVATION AT HRS. None
BORING DISCONTINUED AT ELEVATION 764.8 GROUND WATER ELEVATION AT COMPLETION

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Ds	Mc
Dark Brown SILTY CLAY LOAM Organic Topsoil	8						
Stiff, Dark Gray, Gray-Brown And Brown SILTY CLAY (Fill)		SS	6	1.4	1.0	95	23
Medium, Dark Gray, Gray-Brown and Brown SILTY CLAY With Trace Of Organic Matter (Fill)	4						
		SS	5	1.0	0.8	93	26
Stiff, Gray And Orange-Brown SILTY CLAY LOAM	8						
		SS	8	1.4	1.2	99	22
Hard, Brown, Weathered GLACIAL SILTY CLAY TILL							
		SS	18	4.5+	4.6	122	13
Very Stiff, Gray-Brown, Weathered GLACIAL SILTY CLAY TILL	12						
		SS	13	2.2	2.1	118	15
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	16						
		SS	15	2.9	2.7	119	14
	20						
		SS	16	3.2	3.0	120	13
EXPLORATORY BORING DISCONTINUED	24						

N - BLOWS DELIVERED PER FOOT BY A 140 LB. HAMMER FALLING 30 INCHES
 SS - SPLIT SPOON SAMPLE
 CT - SHELBY TUBE SAMPLE
 Qp - CALIBRATED PENETROMETER READING - T.S.F.
 Qu - UNCONFINED COMPRESSIVE STRENGTH - T.S.F.
 Ds - NATURAL DRY DENSITY - P.C.F.
 Mc - NATURAL MOISTURE CONTENT - %

WHITNEY & ASSOCIATES
PEORIA, ILLINOIS

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FILE NAME =	USER NAME = davo00070	DESIGNED -	REVISED -
I:\09Jobs\09L0027A\CADD\Road\Sheet\c-7	dwall.dgn	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1" =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 04\02\2012	DATE - 03/27/12	REVISED -	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	74
	11-00047-03-PV			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			M-5093H371