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HANSON
Hanson Professional Services Inc.

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

BORING LOG

BORING NO. B-23
DATE 08-08-08
W. & A. FILE NO. 4711
SHEET 23 OF 39
PROJECT NORTHMOOR ROAD IMPROVEMENT
LOCATION Peoria, Illinois
BORING LOCATION Station 73+60; 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 (-)19.5 Ft.
GROUND SURFACE ELEVATION 780.4
GROUND WATER ELEVATION AT - HRS. -
BORING DISCONTINUED AT ELEVATION 759.4
GROUND WATER ELEVATION AT COMPLETION (-)18.2 Ft.

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY Organic Topsoil	7"						
Medium, Brown And Gray SILTY CLAY		SS	4	0.8	0.6	92	28
	4						
Very Stiff, Brown And Gray, Weathered GLACIAL SILTY CLAY TILL		SS	8	2.5	2.4	116	15
Hard, Brown And Gray, Weathered GLACIAL SILTY CLAY TILL	8	SS	14	4.5+	5.4	124	12
		SS	15	4.5+	5.1	123	13
Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	12						
		SS	9	1.8	1.8	119	15
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL		SS	10	2.8	2.6	120	15
	16						
Medium-Density, Brown, Medium- To Coarse-Grained SAND With Some Fine-Grained Gravel	20	SS	20	-	-	-	13
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 - %

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BORING LOG

BORING NO. B-24
DATE 08-08-08
W. & A. FILE NO. 4711
SHEET 24 OF 39
PROJECT NORTHMOOR ROAD IMPROVEMENT
LOCATION Peoria, Illinois
BORING LOCATION Station 74+43; 30' 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 781.4
GROUND WATER ELEVATION AT - HRS. -
BORING DISCONTINUED AT ELEVATION 760.4
GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
Dark Brown SILTY CLAY Organic Topsoil	8"						
Stiff, Brown And Gray SILTY CLAY		SS	7	1.3	1.2	93	27
	4						
Soft, Brown And Gray SANDY CLAY		SS	3	0.5	0.4	95	26
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL	8	SS	14	3.2	3.1	120	15
Hard, Brown, Weathered GLACIAL SILTY CLAY TILL		SS	18	4.5	4.2	123	13
Hard, Gray, Unweathered GLACIAL SILTY CLAY TILL	12						
		SS	16	4.5+	4.7	124	12
		SS	18	4.5	4.1	123	12
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL	16						
	20	SS	15	3.8	3.7	120	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

FILE NAME = I:\09Jobs\09L0027A\CADD\Road\Sheet\c-72wall.dgn	USER NAME = dawso00878	DESIGNED -	REVISED -
		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	66
	11-00047-03-PV	CONTRACT NO. 89525		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	M-5093(137)	