

BORING NO. B-03  
DATE 10-03-07  
W. & A. FILE NO. 4301  
SHEET 3 OF 3



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

**BORING LOG**

PROJECT SPRINGFIELD ROAD IMPROVEMENT LOCATION Tazewell County, Illinois  
BORING LOCATION Station 105+50; Left 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 125.4 GROUND WATER ELEVATION AT None HRS. -  
BORING DISCONTINUED AT ELEVATION (-) 7.5 Ft. GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
BITUMINOUS CONCRETE (OLD)	12.0"						
Brown, Medium To Coarse-Grained SAND And GRAVEL	17.0"						
Stiff, Brown And Light Brown SILTY CLAY	02	SS	10	1.6	1.4	86	24
	04						
	06	SS	7	1.3	1.2	94	25
Medium, Light Brown SILT							
		SS	5	0.8	0.6	101	23
EXPLORATORY BORING DISCONTINUED	08						
	10						
	12						

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-02  
DATE 10-03-07  
W. & A. FILE NO. 4301  
SHEET 2 OF 3



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

**BORING LOG**

PROJECT SPRINGFIELD ROAD IMPROVEMENT LOCATION Tazewell County, Illinois  
BORING LOCATION Station 108+50; 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 119.3 GROUND WATER ELEVATION AT None HRS. -  
BORING DISCONTINUED AT ELEVATION (-) 15.0 Ft. GROUND WATER ELEVATION AT COMPLETION None

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
BITUMINOUS CONCRETE (OLD)	17"						
Brown, Medium- To Coarse-Grained SAND With Some Fine-Grained Gravel	19"						
Very Stiff, Gray-Brown SILTY CLAY With Considerable Fine-Grained Gravel (Fill)	03	SS	13	2.5	2.2	113	14
Medium, Brown CLAY LOAM							
	06	SS	14	3.7	3.5	122	13
Very Stiff, Light Brown, Weathered GLACIAL SILTY CLAY TILL							
	09	SS	10	2.2	2.1	119	14
	12						
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL		SS	16	3.5	3.2	122	12
	15	SS	9	2.6	2.4	120	14
EXPLORATORY BORING DISCONTINUED							
	18						

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-01  
DATE 10-03-07  
W. & A. FILE NO. 4301  
SHEET 1 OF 3



**WHITNEY & ASSOCIATES**  
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PEORIA, ILLINOIS 61604

**BORING LOG**

PROJECT SPRINGFIELD ROAD IMPROVEMENT LOCATION Tazewell County, Illinois  
BORING LOCATION Station 111+50; Left 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 (-) 8.5 Ft.  
GROUND SURFACE ELEVATION 105.4 GROUND WATER ELEVATION AT None HRS. -  
BORING DISCONTINUED AT ELEVATION (-) 10.0 Ft. GROUND WATER ELEVATION AT COMPLETION (-) 7.8 Ft. CAVE-IN

DESCRIPTION	DEPTH IN FEET	SAMPLE TYPE	N	Qp	Qu	Dd	Mc
BITUMINOUS CONCRETE	16.5"						
Brown, Medium To Coarse-Grained SAND With Some Fine-Grained Gravel	19.5"						
Stiff, Gray-Brown SILTY CLAY With Occasional Fine-Grained Gravel (Fill)	02	SS	4	1.3	1.1	105	16
	04						
Very Stiff, Brown, Weathered GLACIAL SILTY CLAY TILL		SS	9	3.2	3.0	120	13
	06						
Medium-Density, Light Brown, Medium- To Coarse-Grained SAND With Considerable Silty Clay And Fine-Grained Gravel		SS	13	-	-	-	9
	08						
Very Stiff, Gray, Unweathered GLACIAL SILTY CLAY TILL		SS	14	2.4	2.2	119	14
EXPLORATORY BORING DISCONTINUED							
	12						

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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