

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Sheet 1 of 3

Client: Stark County Highway Department
Project Name: Toulon Township Section 08-00158-00-BR
Project Site: Stark County, Illinois

Boring No. B-1
Surface Elev. 99.70 (691.30)
Auger Depth 47 Rotary Depth NA
Start Date 11/29/08 Finish Date 11/29/08

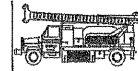
Location: 6' Right of Station 136+05

(DEPTH) ELEV. DESCRIPTION OF MATERIALS

99.70	(691.3)	
98.70		
97.70		
96.70		
95.70	Stiff Black And Brown Silty Clay (Fill)	
94.70		
93.70		
92.70		
91.70		
90.70	(682.3)	
89.70	Stiff Black Silty Clay Loam	
88.70	(680.3)	
87.70		
86.70	Stiff Brown To Brownish Gray Clay	
85.70		
84.70		
83.70		
82.70		
81.70		
80.70	(672.3)	
79.70	Very Dense Gray Shale	

Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)
1	SS	1.7	11	S	19	
2	SS	1.3	8	B	21	
3	SS	1.5	11	B	21	
4	SS	1.0	6	B	24	
5	SS	1.3	7	B	22	
6	SS	1.3	7	B	23	
7	SS	1.9	12	B	18	
8	SS	100	7"		8	

Groundwater Data: Static water level after auger removal 12' depth.
Comments: Assumed center of existing bridge deck as elevation 100.0. (691.60)



Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Sheet 2 of 3

Client: Stark County Highway Department
Project Name: Toulon Township Section 08-00158-00-BR
Project Site: Stark County, Illinois

Boring No. B-1
Surface Elev. 99.70 (691.30)
Auger Depth 47 Rotary Depth NA
Start Date 11/29/08 Finish Date 11/29/08

Location: 6' Right of Station 136+05

(DEPTH) ELEV. DESCRIPTION OF MATERIALS

78.70		
77.70		
76.70		
75.70		
74.70		
73.70		
72.70		
71.70		
70.70		
69.70	Very Dense Gray Shale With Limestone Stringers	
68.70		
67.70		
66.70		
65.70		
64.70		
63.70		
62.70		
61.70		
60.70		
59.70		
58.70		

Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)
9	SS	100	5"		12	
10	SS	100	6"		12	
11	SS	100	4"		10	
12	SS	100	4"		9	
13	SS	100	3"		10	
14	SS	100	5"		11	
15	SS	100	1"		9	

Groundwater Data: Static water level after auger removal 12' depth.
Comments: Assumed center of existing bridge deck as elevation 100.0. (691.60)



Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Sheet 3 of 3

Client: Stark County Highway Department
Project Name: Toulon Township Section 08-00158-00-BR
Project Site: Stark County, Illinois

Boring No. B-1
Surface Elev. 99.70 (691.30)
Auger Depth 47 Rotary Depth NA
Start Date 11/29/08 Finish Date 11/29/08

Location: 6' Right of Station 136+05

(DEPTH) ELEV. DESCRIPTION OF MATERIALS

57.70		
56.70		
55.70	Very Dense Gray Shale With Limestone Stringers	
54.70		
53.70		
52.70	(644.3)	
51.70	Unable To Penetrate 47' Depth	
50.70		
49.70		
48.70		
47.70		
46.70		
45.70		
44.70		
43.70		
42.70		
41.70		
40.70		
39.70		
38.70		
37.70		

Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)
16	SS	100	2"		9	

Groundwater Data: Static water level after auger removal 12' depth.
Comments: Assumed center of existing bridge deck as elevation 100.0. (691.60)

BORING 1

DESIGNED - A.S.L.
CHECKED - S.W.M.
DRAWN - D.A.B.
CHECKED - D.T.M.

BORINGS
STRUCTURE NO. 088-3223

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

HLR 3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

PROJECT NUMBER: 08.0274.130 DATE: 05/13/09

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
23	08-00158-00-BR	STARK	23	22
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 89509				