

ROUTE	SECTION	COUNTY
	7E-0008(166)	ST. CLAIR
CONTRACT NO. 97500		ILLINOIS
FEDERAL AID PROJECT		

THOUVENOT, WADE & MOERCHEN, INC.
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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	61-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

SOIL BORING LOG
SECTION 10-00032-00-BT
RICHLAND CREEK BIKEWAY
VILLAGE OF SWANSEA
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: JTH	SHEET
DESIGNED BY: JTH	25
CHECKED BY: ALN	OF 46 SHEETS
APPROVED BY: ALN	PROJECT DESCRIPTION
PROJECT NUMBER: 100072A	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input checked="" type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

LOG OF BORING B - 1

Project Name: Richland Creek Bikeway
Project Location: Swansea, Illinois
Project Number: SG13-3773

Date Drilled: 7/24/2006
Drilling Contractor: Terra Drill, Inc.
Drilling Method: Hollow Stem Auger
Logged By: Marlo/Delancey

Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
0		6/8/6	CL	Brown Silty CLAY, Trace Cinders, FILL		4.5+ Qp	13	
4.3		24/74	CL	-1" Layer of Cinders at 4.3 Feet Gray Silty CLAY	91	2.75 Qp	28	
6		0/18						
10		18/18				0.25 Qp	32	
17.0		0/24		-Trace Sand below 17.0 Feet				
18		18/18				0.25 Qp	30	
22.0		14/18		Gray Highly Weathered SHALE				Hard drilling at 22.0 feet.
25		28/50/4"		(continued)				

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - 18.0 Feet
- ▽ At Completion - 10.0 Feet
- ▽ 14 hrs After Completion - 10.0 Feet
- Piezometer Installed No



Missouri (314) 770-1001
Illinois (618) 398-1414

LOG OF BORING B - 1 (Cont.)

Project Name: Richland Creek Bikeway
Project Location: Swansea, Illinois
Project Number: SG13-3773

Date Drilled: 7/24/2006
Drilling Contractor: Terra Drill, Inc.
Drilling Method: Hollow Stem Auger
Logged By: Marlo/Delancey

Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
25				Gray Highly Weathered SHALE (continued)				
30		17/26/30	14/18				13	
35		14/24/33	14/18	CH Light Gray, Reddish Gray, & Olive Yellow Shaley CLAY		4.5+ Qp	12	
40		25/35/50/5"	12/18			4.5+ Qp	10	
42.0		50/4"	4/18	Gray Highly Weathered SHALE			14	
42.0				TD - 42.0 Feet				

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - 18.0 Feet
- ▽ At Completion - 10.0 Feet
- ▽ 14 hrs After Completion - 10.0 Feet
- Piezometer Installed: No



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Note:
Boring B-1 was located at Sta. 30+61 Off. 5.21' Rt.
The ground elevation at the boring was 493.19.

BORING LOG 3773GINT LOGS.GPJ JL DOT.GDT 7/24/06

BORING LOG 3773GINT LOGS.GPJ JL DOT.GDT 7/24/06