

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6998	99-00209-02-PV	VERMILION	72	52
FED. ROAD DIST. NO.		ILLINOIS PROJECT		
CONTRACT NO. 91356				

**SOIL BORING LOG**  
**midwest engineering services, inc.**

Route: Winter Avenue	Boring: SP-1
Section: 1 of 1	Page: 1 of 1
County: Vermilion	Date of Boring: 9-13-02
Structure No. 7+90	Drilled By: Roger Burton
Station: 8' Left	Checked By: Daniel E. Tappendorf, P.E.
Offset:	MES Project No: 1-23038

Ground Water Elevation: when drilling: 607.0 FT. completion: DRY	D E P T H (ft.)	B L O W S (6")	Q <sub>u</sub> (tsf)	MC (%)		D E P T H (ft.)	B L O W S (6")	Q <sub>u</sub> (tsf)	MC (%)
6" Dark brown silty CLAY with sand and small gravel (CL), Fill				10					
Brown clayey SILT with sand and small gravel (ML), Till	6		4.5+P	14	Gray silty CLAY with sand and small gravel (CL), Till	30			
	8					7		5.8B	10
	10					8			
5					EL. 591.5 FT.				
4			4.5+P	15	END OF BORING AT 31.5 FEET				
9									
10									
EL. 616.0 FT.									
4			5.0B	14					
5									
6									
EL. 613.5 FT.									
10			1.0B	14					
4									
4									
3									
EL. 611.0 FT.									
2			4.2B	9					
3									
6									
15									
7			4.5+P	9					
9									
11									
EL. 607.0 FT.									
Brown fine to coarse SAND (SW)									
EL. 606.0 FT.									
6			4.5+P	11					
9									
13									
20									
6			8.4B	10					
10									
13									
4			4.0P	12					
7									
8									
25									
6			3.2B	11					
8									
8									

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample  
MC - Moisture Content - Percent of dry weight  
Qu - Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure: B-Bulge, S-Shear, P-Penetrometer

Soil Boring SP-1 Sta 7+90, 8' Lt. equals Sta 107+74.81, 8' Lt. (For Boring Location Only)

PERMANENT STEEL SHEET PILING BORING LOG			
Date	Designed ACW	<b>WINTER AVENUE OVER STONEY CREEK</b> <b>SECTION 99-00209-02-PV</b> <b>CITY OF DANVILLE, IL</b> <b>VERMILION COUNTY</b> <b>STA. 106+34.70</b> <b>PROP. STR. NO. 092-6033</b>	Sheet No.
Revisions	Drawn BKN		<b>21</b>
	Checked KWB		of <b>21</b>
	Approved KWB		
Prepared by:	<b>URS</b> 3040 North University Avenue Decatur, IL 62526		URS Job No. <b>36430866</b>