

BRIDGE FOUNDATION SOIL BORING LOG
midwest engineering services, inc.

Route:	Hungry Hollow Road	Boring:	B-1
Section:	00-00212-00-BR	Page:	1 of 1
County:	Vermillion	Date of Boring:	March 29, 2004
Structure No.:	Existing 092-0106, New 092-6034	Drilled By:	Roger Burton
Station:	Station 101 + 43	Checked By:	Daniel E. Tappendorf, P. E.
Offset:	6' Lt.	MES Project No.:	1-33012

Surface Water Elevation:	DEPTH (ft.)	BLOWS (6")	Qu (tsf)	MC (%)	Soil Description	DEPTH (ft.)	BLOWS (6")	Qu (tsf)	MC (%)
533.6 ft.									
Ground Water Elevation: when drilling: 527 ft. at completion: Caved @ 537 ft.									
Ground Surface Elevation: 552.3 ft.									
					3" Asphalt over 12" concrete				
					EL: 551.0 ft.				
					Brown and dark brown sandy CLAY (SC)				
					EL: 547.8 ft.				
					Brown fine clayey SAND (SC-SP)				
					EL: 542.8 ft.				
					Gray silty SHALE				
					EL: 542.8 ft.				
					Brown sandy CLAY (SC)				
					EL: 532.8 ft.				
					Brown silty CLAY (CL)				
					EL: 528.3 ft.				
					Brown fine to coarse SAND (SW) Wet				
					EL: 523.8 ft.				

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
 Qu test
 B-Bulge
 S-Shear
 P-Penetrometer

BRIDGE FOUNDATION SOIL BORING LOG
midwest engineering services, inc.

Route:	Hungry Hollow Road	Boring:	B-2
Section:	00-00212-00-BR	Page:	1 of 1
County:	Vermillion	Date of Boring:	March 31, 2004
Structure No.:	Existing 092-0106, New 092-6034	Drilled By:	Roger Burton
Station:	Station 101 + 06	Checked By:	Daniel E. Tappendorf, P. E.
Offset:	6' Rt.	MES Project No.:	1-33012

Surface Water Elevation:	DEPTH (ft.)	BLOWS (6")	Qu (tsf)	MC (%)	Soil Description	DEPTH (ft.)	BLOWS (6")	Qu (tsf)	MC (%)
533.6 ft.									
Ground Water Elevation: when drilling: 533.6 ft. at completion: 533.6									
Ground Surface Elevation: 553.6 ft.									
					2" Asphalt over 8" concrete				
					EL: 526.1 ft.				
					Open air below bridge deck				
					Gray silty SHALE				
					EL: 533.6 ft.				
					Water				
					EL: 531.6 ft.				
					Dark gray clayey SILT, trace gravel (ML)				
					EL: 508.5 ft.				

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
 Qu test
 B-Bulge
 S-Shear
 P-Penetrometer

SHT. S-39 OF 40

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
 HUNGRY HOLLOW ROAD BRIDGE

SOIL BORING LOG - I

SCALE: DATE 12/06/05

DRAWN BY LAR
 CHECKED BY JRH

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS PLANNERS
 285 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312-944-3000

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