

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 0326	06-00130-00-CH	WILL	116	92
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT -	M-8003(654)	

Contract #63185

MSET PROJECT NO.: 88239		LOG OF BORING NO. B-16		Page 1 of 2		
PROJECT: Essington Road Culverts		SITE LOCATION: Joliet, Illinois		CLIENT: Civiltech Engineering, Inc.		
BORING LOCATION: Essington Rd., Sta. 143+00, 65' L						
DEPTH (feet)	SOIL TYPE	MATERIAL DESCRIPTION	Elevation	SAMPLE TYPE/ INTERVAL	TESTS	REMARKS
		Ground Surface	601±			
		±12" Dark Brown Silty CLAY/ TOPSOIL				
		Dark Brown and Grey Gravelly Clay LOAM: FILL		SS 1 19 8	4.5+ (Qp)	
		to Brown and Grey Silty CLAY, A-6: FILL		SS 2 12 14	3.0 (Qp)	
				SS 3 11 21	3.68	
		Olive-Grey Silty Clay LOAM		SS 4 6 23	1.05	
		Yellow-Brown Gravelly Clay LOAM, A-6, moist				
		Grey Silty CLAY, A-6		SS 5 6 18	1.01	
				SS 6 6 16	1.28	
		Grey SAND (f-c) and GRAVEL, A-1		SS 7 27 8		
				SS 8 21 8		
		continued				

**WATER LEVEL OBSERVATIONS, ft.**  
 During Drilling: 15.5'  
 Immediately After Drilling: 13.5'  
 Delayed Reading After - Days -

BORING STARTED: 7/17/08  
 BORING COMPLETED: 1/17/08  
 LOGGED BY: SPE  
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 26575 West Commerce Drive Unit 607 Volo, IL 60073 (847) 279-0832 (947) 279-0836

MSET PROJECT NO.: 88239		LOG OF BORING NO. B-16		Page 2 of 2		
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		Continued	601±			
		Grey SAND (f-c) and GRAVEL, A-1		SS 9 30 7		
				SS 10 50/3' 7		
				SS 11 35 5		
		Grey Silty CLAY, A-6, trace Limestone Fragments		SS 12 29 11	3.0 (Qp)	
		End of Boring @ 30.0'				

**WATER LEVEL OBSERVATIONS, ft.**  
 During Drilling: 15.5'  
 Immediately After Drilling: 13.5'  
 Delayed Reading After - Days -

BORING STARTED: 7/17/08  
 BORING COMPLETED: 1/17/08  
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 BORING METHOD: HSA

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MSET PROJECT NO.: 88239		LOG OF BORING NO. B-17		Page 1 of 2		
PROJECT: Essington Road Culverts		SITE LOCATION: Joliet, Illinois		CLIENT: Civiltech Engineering, Inc.		
BORING LOCATION: Essington Rd., Sta. 143+00, 40' R						
DEPTH (feet)	SOIL TYPE	MATERIAL DESCRIPTION	Elevation	SAMPLE TYPE/ INTERVAL	TESTS	REMARKS
		Ground Surface	601±			
		±6" Dark Brown Silty CLAY/ TOPSOIL				
		Dark Brown and Dark Grey Silty CLAY, A-6: FILL		SS 1 19 7	4.5+ (Qp)	
		trace Black		SS 2 15 11	7.21	
		Yellow-Brown Gravelly LOAM, A-4: FILL		SS 3 16 12		
		to Gravelly Clay LOAM, A-2-4: FILL		SS 4 12 14		
		Grey Silty CLAY, A-6		SS 5 21 18	6.08	
				SS 6 12 17	2.21	
		Grey SAND and GRAVEL, A-1		SS 7 33 20	1.36	
				SS 8 27 8		
		continued				

**WATER LEVEL OBSERVATIONS, ft.**  
 During Drilling: 13.0'  
 Immediately After Drilling: 13.5'  
 Delayed Reading After - Days -

BORING STARTED: 7/17/08  
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DEPTH (feet)	SOIL TYPE	MATERIAL DESCRIPTION	Elevation	SAMPLE TYPE/ INTERVAL	TESTS	REMARKS
		Continued	601±			
		Grey SAND and GRAVEL, A-1		SS 9 31 9		
		Grey Silty CLAY, A-6		SS 10 55 17		
		Grey SILT, A-4 with rock fragments		SS 11 64 18		
		Weathered Dolomite		SS 12 50/1'		
		End of Boring @ 28.6'				

**WATER LEVEL OBSERVATIONS, ft.**  
 During Drilling: 13.0'  
 Immediately After Drilling: 13.5'  
 Delayed Reading After - Days -

BORING STARTED: 7/17/08  
 BORING COMPLETED: 1/17/08  
 LOGGED BY: SPE  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 SOIL BORING LOGS  
 ESSINGTON ROAD OVER SUNNYLAND DRAIN  
 STATION 142+63.00  
 SECTION 06-00130-00-CH WILL COUNTY  
 STRUCTURE 099-6469  
 Scale: None  
 Date: May 29, 2009  
 By: M. Lange  
 Checked: G. Hatlestad

**CIVILTECH**  
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