

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 9149	06-00034-01-BR	ST. CLAIR	10	10
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #97350

SCI Engineering, Inc.
 600 Plaza Boulevard
 Troy, Illinois 62281

SOIL BORING LOG Page 1 of 1
 Date 02/01/07

ROUTE Pleasant Ridge Road DESCRIPTION Structure Boring LOGGED BY SMS (SCI)

SECTION Fairview Heights, SEC. 20, TWP. 2N, R1NG. 6W

COUNTY St. Clair DRILLING METHOD CME 550 w/ CFA HAMMER TYPE Automatic

STRUCT. NO. 160+40
 Station 160+11.61
 BORING NO. B-21
 Station 160+11.61
 Offset 18 ft R
 Ground Surface Elev. 492.1 ft (ft) (bsf) (%)

Surface Water Elev. _____ ft
 Stream Bed Elev. _____ ft
 Groundwater Elev.:
 First Encounter 491.6 ft
 Upon Completion _____ ft
 After 24 Hrs. 492.1 ft (ft) (bsf) (%)

DEPTH (ft)	DESCRIPTION	UCS (ksi)	Penetration (lb/in)	Penetration (lb/in)	Penetration (lb/in)
0-3	FILL: Crushed rock and Brown, low plastic silty clay (A-6)				
3-2	FILL: Brown, low plastic silty clay (A-6)				
2-3					
3-4	FILL: Brown, high plastic clay (A-7)				
2-3					
3-4	FILL: Brown, high plastic clay (A-7)				
2-3					
3-4	FILL: Brown, shaley clay (A-7)				
2-3					
3-4	FILL: Brown, shaley clay (A-7)				
2-3					
3-4	SILTY CLAY: Brown, low plastic (A-6)				
1-1					
1-2					
2-3	CLAYEY SILT: Brown, low plastic (A-4)				
7-17					
17-26	CLAYEY SHALE: Gray and brown (continues)				
26-47.3					
50.3	Becomes gray				
60.3					

Boring terminated at 21.3 ft.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Surge, S-Shear, P-Penetrometer)
 AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

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SECTION Fairview Heights, SEC. 20, TWP. 2N, R1NG. 6W

COUNTY St. Clair DRILLING METHOD CME 550 w/ CFA HAMMER TYPE Automatic

STRUCT. NO. 160+40
 Station 160+55.88
 BORING NO. B-22
 Station 160+55.88
 Offset 10 ft R
 Ground Surface Elev. 493.3 ft (ft) (bsf) (%)

Surface Water Elev. _____ ft
 Stream Bed Elev. _____ ft
 Groundwater Elev.:
 First Encounter Not observed ft
 Upon Completion Not observed ft
 After 24 Hrs. Not observed ft

DEPTH (ft)	DESCRIPTION	UCS (ksi)	Penetration (lb/in)	Penetration (lb/in)	Penetration (lb/in)
0-7	FILL: Brown, low plastic clayey silt (A-4)				
7-5					
5-3					
3-5					
4-5					
5-3					
4-5					
5-3					
3-4	SILTY CLAY: Brown, medium plastic (A-7)				
3-4					
4-4					
4-10	WEATHERED CLAYEY SHALE: Brown				
4-8					
8-21					
4-25	CLAYEY SHALE: Brown				
25-50.2					
50.2	Becomes gray				
60.3					
47.8	Boring terminated at 16.7 ft.				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Surge, S-Shear, P-Penetrometer)
 AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

SOIL BORING LOGS
 F.A.U. 9149 (PLEASANT RIDGE ROAD)
 OVER LITTLE CANTEEN CREEK
 SECTION 06-00034-01-BR
 STATION 160+36
 FAIRVIEW HEIGHTS
 STRUCTURE NO. 082-6513

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