

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 1

Date 08/30/06

ROUTE IL 158 DESCRIPTION Structure Boring LOGGED BY SCI

SECTION 67-1HBR LOCATION Columbia, IL, SEC. 23, TWP. 1, RNG. 10

COUNTY Monroe DRILLING METHOD CME 550 w/HSA HAMMER TYPE Automatic

STRUCT. NO. 067-0006 (E), 067-0042
Station (P)
BORING NO. B-1
Station 109+52
Offset 26 ft L
Ground Surface Elev. 608 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
4	3.3	22		CLAY: Reddish brown, high plastic, trace sand (A-7)
5	S/15			
4	50/5"	1.2	35	Becomes yellowish brown and reddish brown
50/5"	S/15			Borehole continued with rock coring.

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



ROCK CORE LOG

Page 1 of 1

Date 08/30/06

ROUTE IL 158 DESCRIPTION Structure Boring LOGGED BY SCI

SECTION 67-1HBR LOCATION Columbia, IL, SEC. 23, TWP. 1, RNG. 10

COUNTY Monroe CORING METHOD

STRUCT. NO. 067-0006 (E), 067-0042
Station (P)
BORING NO. B-1
Station 109+52
Offset 26 ft L
Ground Surface Elev. 608 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	RQD (%)	CORE TIME (min/ft)	STRENGTH (tsf)	DESCRIPTION
603.3	1	80	56	3		WEATHERED LIMESTONE: Gray LIMESTONE: Gray, hard, finely crystalline, thick bedded with thin beds of gray shale, slightly weathered, dense Driller observed a void and loss of water circulation during coring from 6 to 6.7 feet below the existing ground surface.
588.3	2	96	85	4		
588.3	3	95	95	5		
588.3						Boring terminated at 19.7 feet

Color pictures of the cores Yes
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 08/30/06

ROUTE IL 158 DESCRIPTION Structure Boring LOGGED BY SCI

SECTION 67-1HBR LOCATION Columbia, IL, SEC. 23, TWP. 1, RNG. 10

COUNTY Monroe DRILLING METHOD CME 550 w/HSA HAMMER TYPE Automatic

STRUCT. NO. 067-0006 (E), 067-0042
Station (P)
BORING NO. B-2
Station 110+97
Offset 35 ft R
Ground Surface Elev. 583 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
4				FILL: Brown, medium plastic silty clay, some sand, trace gravel (A-7)
50/3"				Borehole continued with rock coring.

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

SOIL BORING LOGS I
STRUCTURE NO. 067-0042

DESIGNED -
CHECKED -
DRAWN - GAP
CHECKED - JPM



9-28-09

SHEET NO. 33	F.A.P RTE. 809	SECTION 67-1HBR	COUNTY Monroe	TOTAL SHEETS 144	SHEET NO. 97
34 SHEETS	CONTRACT NO. 76977				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					