

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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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)	BLOW COUNT (S/15)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
4	3.3	22		CLAY: Reddish brown, high plastic, trace sand (A-7)
5	S/15			
4	50/S	1.2	35	Becomes yellowish brown and reddish brown
5	S/15			Borehole continued with rock coring.
10				
15				
20				

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

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



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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)	BLOW COUNT (S/15)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
4	50/S			FILL: Brown, medium plastic silty clay, some sand, trace gravel (A-7)
50/3				
				Borehole continued with rock coring.
10				
15				
20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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DESIGNED -
CHECKED -
DRAWN - GAP
CHECKED - JPM



9-28-09

SOIL BORING LOGS I
STRUCTURE NO. 067-0042

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