SCI Engineering, Inc.
650 Pierce Boulevard
O'Fallon, Illinois 62269

SOIL BORING LOG

Page 1 of 1

Date 09/25/07

ROUTE FAP 304 US Route 67 DESCRIPTION Alton Pedestrian Overpass LOGGED BY SCI

SECTION 06-00224-00-BR LOCATION Alton, SEC. 14, TWP. 5N, RNG. 10W

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

STRUCT. NO. 060-6111
Station

BORING NO. B-2
Station 0+90
Offset 3 ft R
Ground Surface Elev. 454.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 444.0 ft ▼
Upon Completion - ft
After Hrs. - ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FILL: Brown, low plastic silty clay, trace rock (A-6)	5 5 3	4.5 P	7
451.0 FILL: Brown, fine to coarse sand (A-1)	3 3 2	-	6
449.5 FILL: Brown, low plastic clayey silt, trace fine sand (A-4)			
448.0 CLAY: Brown, high plastic, trace sand (A-7)	3 5 6	2.6 B	21
446.0 CLAYEY Silt: Brown, low plastic	3 3 3	0.4 B	24
▼10 Grades to some rock fragments			
443.0 WEATHERED LIMESTONE 442.5 Auger refusal 11.5 feet on limestone.			

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)

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O'Fallon, Illinois 62269

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Page 1 of 1

Date 09/25/07

ROUTE FAP 304 US Route 67 DESCRIPTION Alton Pedestrian Overpass LOGGED BY SCI

SECTION 06-00224-00-BR LOCATION Alton, SEC. 14, TWP. 5N, RNG. 10W

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

STRUCT. NO. 060-6111
Station

BORING NO. B-3
Station 1+74.04
Offset 3 ft R
Ground Surface Elev. 443.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter Not observed ft
Upon Completion - ft
After Hrs. - ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FILL: Brown, high plastic clay (A-7) and brown, low plastic sandy clay (A-6), some cinders, trace slag, brick, and gravel	16 9 8	4.5 P	12
440.9 FILL: Concrete or limestone			17
439.5 FILL: Limestone fragments and brown, low plastic sandy clay (A-6)	6 22 11	2.3 P	
438.1 FILL: Limestone or concrete 437.7			
FILL: Brown, low plastic silty clay (A-7) and brown, high plastic clay, some sand (A-7) 436.6	50/5"	4.0 P	11
WEATHERED LIMESTONE			
LIMESTONE: Light gray, moderately hard to very hard, very fine crystaline to finely crystaline, medium to thick bedded, and dense			
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)

BORING LOGS
ALTON PEDESTRIAN WALKWAY OVER
UNION PACIFIC RAILROAD, NORFOLK
SOUTHERN RAILROAD AND US ROUTE 67
SECTION 06-00224-00-BR
MADISON COUNTY
STA. 2+42.54
STRUCTURE NO. 060-6111

REVISIONS

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ALTON, ILLINOIS
PEDESTRIAN OVERPASS AT LANGDON ST.

DWG. NO.	S24
	6111-24-BORESHT2.DGN
REF. BK.	PG.
JOB NO.	26053
DSN. BY:	NEL
DWN. BY:	NEL
CHK. BY:	JGS
DATE:	1/9/07
SCALE:	
SHEET	44 OF 54