STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A. 567	(12)BR-1	LEE	68	42
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 22
24 SHEETS

CONTRACT NO. 64425

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 6/5/00

ROUTE FAP 567 DESCRIPTION P-92-058-99 IL 38 over Franklin Creek LOGGED BY C. Jenkins

SECTION 9 BR-3 LOCATION China Twp. - 2 NW, SEC. , TWP. 21N, RNG. 10E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. 052-0020
Station 439 + 12

BORING NO. B-2
Station 440 + 06
Offset 12.00ft Lt CL
Ground Surface Elev. 100.9 ft

Surface Water Elev. 63.3 ft
Stream Bed Elev. 62.2 ft

Groundwater Elev.:
First Encounter Wash ft
Upon Completion ft
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan/brown SAND & GRAVEL	98.40				
MEDIUM tan/brown SILTY CLAY with GRAVEL	96.90		2 2 4	0.9 S	18
MEDIUM tan SANDY LOAM with GRAVEL	93.90	-5	2 5 8	0.9 S	11
DENSE yellow/tan weathered SANDSTONE	91.90	-10	7 29 17		
VERY DENSE yellow/gray weathered SANDSTONE	88.90		12 100/6"		
Borehole continued with rock coring.		-15 -20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
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ROCK CORE LOG

Page 1 of 1

Date 6/5/00

ROUTE FAP 567 DESCRIPTION P-92-058-99 IL 38 over Franklin Creek LOGGED BY C. Jenkins

SECTION 9 BR-3 LOCATION China Twp. - 2 NW, SEC. , TWP. 21N, RNG. 10E

COUNTY Lee CORING METHOD Diamond Bit Rotary

STRUCT. NO. 052-0020
Station 439 + 12

CORING BARREL TYPE & SIZE Double Wall BWD4

BORING NO. B-2
Station 440 + 06
Offset 12.00ft Lt CL
Ground Surface Elev. 100.9 ft

Core Diameter 1.5 in
Top of Rock Elev. 93.90 ft
Begin Core Elev. 88.90 ft

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Auger Refusal @ 12' 2' Recovery Yellow buff, calcareous Sandstone	83.90	-15	1	40	0	7	
Yellow, buff, dense calcareous Sandstone, fractured, grading to Siltstone with cherty inclusions: 83.9 to 82.7 Buff, dense Siltstone with calcareous inclusions: 82.7 to 80.2. Buff, tan, calcareous Sandstone: 80.2 to 79.5 Siltstone, dense & fractured.	78.90	-20	2	100	8	17	173.4
Gray, buff Siltstone: 78.9 to 78.5 Buff, dense and massive Dolomite with a light purple cast: 78.5 to 76.3. Buff, interbedded, calcareous Sandstone: 76.3 to 74.8. Buff and yellow streaked Siltstone: 74.8 to 73.9.	73.90	-25	3	100	12	17	624
Buff, dense Siltstone with no discernable bedding.	68.90	-30	4	100	0	29	

End of Boring
Color pictures of the cores Available upon request.
Cores will be stored for examination until project constructed.
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

BORING #2

Note: Elevation Datum 100.0 from boring logs = 785.42 USGS elevation

BORING LOGS
IL RTE 38 OVER FRANKLIN CREEK
F.A.P. RTE 567 SECTION (12)BR-1
LEE COUNTY
STATION 439+12.17
S.N. 052-0020

DESIGNED JFJ CHECKED DDB DRAWN JB CHECKED DDB	RANDOLPH & ASSOCIATES, INC. 411 W. PIONEER Parkway, PEORIA, IL 61615-3134 TEL. 309-692-0014 FAX. 309-692-0015 1-800-531-1831 HTTP://WWW.RANDOLPHINC.COM CONSULTING ENGINEERS • LAND SURVEYORS	FILE NUMBER 136.109 DATE July 2004

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