CONTRACT NO. 64560

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	201
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* ROUTE 17 (US 52 / IL 64)
** (1,2)RS & (3-1)RS-1

BORING LOGS

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 2 of 2

Date 8/19/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, 1/4 m. E. of N. Dauphin Road LOGGED BY C. Jenkins

SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - NW, SEC. 7, TWP. 24N, RNG. 4E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53

STRUCT. NO.
Station 259+15

BORING NO. B-1i
Station 259+08
Offset 13.00ft Rt CL
Ground Surface Elev. 99.9 ft

Surface Water Elev. None ft
Stream Bed Elev. 80.0 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DENSE gray/green SHALE			10 20 25		
	57.90				
VERY DENSE gray/green SHALE			29 23 31		
	55.40				
End of Boring		-45			
		-50			
		-55			
		-60			

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
IDOT

SOIL BORING LOG

Page 1 of 1

Date 2/15/06

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on IL 64, 600' W. of Old Route 52 LOGGED BY J. Strating

SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll - 12 SW, SEC., TWP. 24N, RNG. 4E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 532+58

BORING NO. B-1j
Station 532+57
Offset 32.00ft Lt CL
Ground Surface Elev. 96.0 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 95.1 ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY LOAM			0.5 P		
	94.00				
MEDIUM tan/brown SILTY LOAM			3 3 4	0.8 P	27
	92.50				
VERY SOFT tan/brown SILTY LOAM		-5	1 2 3	0.2 P	26
	90.00				
MEDIUM tan/brown SILTY LOAM			1 2 4	0.8 P	25
	87.50				
MEDIUM brown SILTY LOAM		-10	1 2 3	0.8 B	23
	85.00				
STIFF brown SILTY LOAM			2 3 6	1.3 P	20
	82.50				
VERY STIFF orange/brown SILTY CLAY LOAM		-15	7 7 9	2.4 B	19
	79.50				
MEDIUM orange/brown dirty SAND			4 5 8		
	77.50				
		-20			
MEDIUM orange/brown medium SAND (continued)			5 5 8		
	75.00				
MEDIUM brown medium SAND			2 5 8		
	72.50				
MEDIUM brown dirty SAND		-25	2 3 5		
	70.00				
DENSE tan weathered LIMESTONE with SAND lens			10 21 26		
	67.50				
VERY DENSE tan coarse SAND with LIMESTONE		-30	24 40 29		
	65.00				
End of Boring					
		-35			
		-40			

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)

PLOT DATE = Fri Mar 23 06:20:40 2007
FILE NAME = c:\pwworking\d207\d0\d071401sga.dgn
PLOT SCALE = 50.2000 ' / IN.
USER NAME = hensonke

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

BORING LOGS