


BORING LOGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	202
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* ROUTE 17 (US 52 / IL 64)				
** (1,2)RS & (3-1)RS-1				



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 7/20/06

ROUTE FAP 17 DESCRIPTION P92-074-00 Quarry Road culvert at IL 64 LOGGED BY B. Wetzell

SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - 10 SE, SEC., TWP. 24N, RNG. 4E


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

STRUCT. NO.	D	B	U	M	Surface Water Elev.
Station	E	L	C	O	711.0 ft
	P	O	S	I	Stream Bed Elev. 711.0 ft
	T	W	S	S	Groundwater Elev.:
BORING NO. <u>B-1k</u>	H	S	Qu	T	First Encounter
Station <u>449+58 - IL 64</u>					Upon Completion
Offset <u>38.00ft L1 CL</u>					After
Ground Surface Elev. <u>719.0 ft</u>	(ft)	(6")	(tsf)	(%)	Hrs. ft

MEDIUM brown SILTY CLAY LOAM			0.5 P	18	
717.00					
VERY STIFF tan SANDY LOAM with weathered LIMESTONE		7	9	3.5 P	12
Auger Refusal at 4'	715.00				
End of Boring					

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)



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Date 7/24/06

ROUTE FAP 17 DESCRIPTION P92-074-00 IL 64 culvert, 1 m. W. of Preston Road LOGGED BY W. Garza

SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - 10 SE, SEC., TWP. 24N, RNG. 4E

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

STRUCT. NO.	D	B	U	M	Surface Water Elev.
Station	E	L	C	O	ft
	P	O	S	I	Stream Bed Elev. 86.3 ft
	T	W	S	S	Groundwater Elev.:
BORING NO. <u>B-11</u>	H	S	Qu	T	First Encounter
Station <u>470+51</u>					Upon Completion
Offset <u>16.00ft Rt CL</u>					After
Ground Surface Elev. <u>99.4 ft</u>	(ft)	(6")	(tsf)	(%)	Hrs. ft

MEDIUM brown LOAM			0.5 P	16	
96.90					
VERY STIFF dark gray LOAM with ROCK		5	6	2.8 P	16
95.40					
VERY STIFF dark gray LOAM with ROCK		5	6	2.3 B	19
92.90					
STIFF dark gray SILTY CLAY LOAM		2	3	1.8 S	20
90.40					
STIFF gray SILTY LOAM		6	8	1.2 S	17
87.90					
SOFT gray SILTY LOAM		2	2	0.3 P	30
85.40					
SOFT gray SILT		1	2	0.3 P	27
82.40					
VERY DENSE gray weathered LIMESTONE		29	100/10.5		
80.40					
End of Boring					

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 06:28:41 2007
 FILE NAME = c:\pwp\jobs\p207480\037480.dgn
 PLOT SCALE = 50.0000" / 1"
 USER NAME = harsniko

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

BORING LOGS