CONTRACT NO. 64560

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	207
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
District Two Materials
Mt. Carroll Twp. - SW 10 - T24N, R4E

Units English
Bridge Foundation Boring Log

Sh. 1 of 1

PROJECT ____ BRIDGE US 52/IL 64 over stream west of Mt. Carroll at North Quarry Road Date 07/15/99

ROUTE SBI 27 Bored By C. Jenkins

SEC. (1, 2) R STA. 328 + 32 Checked By T. Bratt

COUNTY Carroll

Boring No. B-1
Sta 327 + 88
O/S 51' Lt C_

Surf Wat El. 85.7
Grndwater El. at Compl Wash
At ____ Hrs ____

DEPTH		N	Qu t/sf	W %
0	Ground Surface 99.4			
	MEDIUM orange SANDY LOAM with GRAVEL	2 P	0.8	13
	Same as above	2 P	0.5	13
-5	STIFF brown SILTY CLAY with GRAVEL	3 P	1.4	18
	MEDIUM brown SILTY LOAM with GRAVEL and LIMESTONE fragments	3 S	0.7	24
-10	MEDIUM brown SAND & GRAVEL	5 S		
	MEDIUM black SILTY CLAY with GRAVEL	5 S	0.8	18
-15	Streambed Elev.- 85.2 River Encounter - V VERY DENSE gray weathered LIMESTONE	100/6"	Bulk	
	Same as above	100/6"	Pen	
-20	Auger refusal 1st 5' Core Run 5' Recovery 100% gray/yellow DOLOMITE			

DEPTH		N	Qu t/sf	W %
-25	2nd 5' Run 5' Recovery 100% gray DOLOMITE			
-30	3rd 5' Run 5' Recovery 100% gray DOLOMITE			
	End of Coring END OF BORING			
-35				
-40				
-45				

N-Std Penetr Test: 2" OD Sampler; 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials

Rock Core Description

Mt. Carroll Twp. - SW 10 - T24N, R4E

Sh. 1 of 1

PROJECT ____ BRIDGE US 52/IL 64 over stream west of Mt. Carroll at North Quarry Road Date 07/15/99

ROUTE SBI 27 Bored By C. Jenkins

SEC. (1, 2) R STA. 328 + 32 Checked By T. Bratt

COUNTY Carroll

Boring No. B-1
Sta 327 + 88
O/S 51' Lt C_

Ground Surface Elevation 99.4
Rock Surface Elevation 94.9
Begin Coring Elevation 80.9

PROFILE From	To	Description	CORE Notes
80.9	75.5	Dolomite: Light gray with visible crystalline structure, dense and fractured with minor honeycombing throughout. Qu: 13,088 psi - 80.3 to 82.0	Core Run #1 Begin Elev.: 80.9 End Elev.: 75.9 Recovery=5'/5'= 100% RQD= 0.67'/ 5'= 13%
75.9	70.9	Dolomite: As above and very fractured. Qu: 7,908 psi - 75.3 to 73.8	Core Run #2 Begin Elev.: 75.9 End Elev.: 70.9 Recovery=5'/5'= 100% RQD= 1.5'/ 5'= 30%
70.9	65.9	Dolomite: As above with dime size cavities 68.9 to 65.9. Qu: 6,832 psi - 67.5 to 67.5	Core Run #3 Begin Elev.: 70.5 End Elev.: 65.9 Recovery=5'/5'= 100% RQD= 0.33'/ 5'= 7%

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = Fri Mar 23 08:28:45 2007
FILE NAME = c:\projects\b2874\bd\sht\boblogs.dgn
PLOT SCALE = 50.000 '/ IN.
USER NAME = hamsonke

BORING LOGS