BORING LOGS

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials

Rock Core Description

Union Grove - SE 12 - T21N, R4E

Sh. 2 of 2

PROJECT P-92-047-99
ROUTE FAP 309
SEC. 17 R-T
COUNTY Whiteside

BRIDGE US 30 over Rock Creek, .1 mile East of Garden Plain Road
STA. 36 + 38.11

Date 02/24/00
Bored By W. Garza
Checked By T. Bratt

Boring No. B-1
Sta 37 + 16
O/S 25' Lt CL

Ground Surface Elevation 96.5
Rock Surface Elevation 64.5
Begin Coring Elevation 58.5

From	To	PROFILE Description	CORE Notes
58.5	53.5	Dolomite: buff on cut surface, tan-rust on fractured faces, fractured in one inch to three inch fragments with sand size to dime size solution pocks, and also vertically throughout.	Core Run #1 Begin Elev.: 58.5 End Elev.: 53.5 Recovery=4.75'/5'= 94% RQD= 0'/ 5'= 0%
53.5	48.5	Dolomite: As above.	Core Run #2 Begin Elev.: 53.5 End Elev.: 48.5 Recovery=4'/5'= 80% RQD= 0'/ 5'= 0%

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Union Grove - SE 12 - T21N, R4E

Units English
Bridge Foundation
Boring Log

Sh. 1 of 1

PROJECT P-92-047-99
ROUTE FAP 309
SEC. 17 R-T
COUNTY Whiteside

BRIDGE US 30 over Rock Creek, .1 mile East of Garden Plain Road
STA. 36 + 38.11

Date 02/29/00
Bored By B. Montgomery
Checked By T. Bratt

Boring No. B-2
Sta 35 + 90
O/S 30' Lt CL

Surf Wat El. 85.0
Grndwater El. at Compl 81.0
At ____ Hrs ____

DEPTH	Ground Surface 99.0	N	Qu t/sf	W %
0	MEDIUM brown SILTY CLAY LOAM very crumbly		0.5 E	14
	MEDIUM orange SANDY LOAM, very crumbly	2 7 10	1.0 P	12
-5	STIFF Same as above	4 5 4	1.6 B	15
	MEDIUM brown SILTY LOAM	2 3 4	0.8 B	26
-10	LOOSE orange SAND	6 4 6		
	VERY DENSE Same as above - contains weathered LIMESTONE fragments	100/10" PEN		
-15	hard drilling VERY DENSE tan weathered LIMESTONE	100/7" PEN		
	VERY DENSE Same as above	100/3" PEN		
-20	First Encounter V VERY DENSE tan LIMESTONE, bottom 2" SAND	12 100/9" PEN		
	next column			

DEPTH		N	Qu t/sf	W %
	VERY DENSE orange SAND	100/6" PEN		
-25	VERY LOOSE Same as above	100 6 3		
	MEDIUM Same as above	1 6 18		
-30	MEDIUM Same as above	2 10 20		
	DENSE Same as above bottom 2" weathered LIMESTONE	31 20 36		
-35	hard drilling VERY DENSE tan LIMESTONE	14 42 24		
	MEDIUM orange CLAY LOAM, contains weathered LIMESTONE very plastic	1 1 3	0.5 P	59
-40	VERY DENSE weathered LIMESTONE	25 100/7" PEN		
	VERY DENSE weathered LIMESTONE	100/0" PEN		
	Auger Refusal END OF BORING			
-45				

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

FILE NAME = c:\pw_work\PWIDOT\JORDANHD\dms34552\s13905cvr.dgn	USER NAME = jordanhd	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mon Mar 16 13:07:20 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: ____ | SHEET NO. __ OF ___ SHEETS | STA. ____ TO STA. ____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	(17R)R	WHITESIDE	376	238
		CONTRACT NO. 64874		
	ILLINOIS FED. AID PROJECT			