

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	2(B-5,B-6)	PIKE	112	58
STA. TO STA.				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

SN075-2508 Sheet 10 of 11



Illinois Department of Transportation  
Division of Highways  
IDOT District 6

### SOIL BORING LOG

Page 1 of 2

Date 9/22/05

ROUTE FAP 304 (IL 96) DESCRIPTION IL 96 over Brewster Creek LOGGED BY M. Tappan

SECTION 2B-5 LOCATION SW 14, SEC. 26, TWP. 6S, RNG. 6W, 4 PM

COUNTY Pike DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	Plugged	(ft)	/ft	(sat)	(%)	
075-0039 Ex 075-2508 Pr	404+21	2 NE Wing	403+79	28.0ft Lt	496.5					486.0	486.0	446.0		Washed								
<p>Grey Moist SILTY CLAY LOAM (Fill)</p> <p>Brown Moist SILTY CLAY LOAM (continued) 475.50</p> <p>Brown Moist Coarse Cherty Limestone GRAVEL</p> <p>Brown Moist Coarse Cherty Limestone GRAVEL (Fill)</p> <p>Brown Very Moist SILTY CLAY LOAM</p> <p>Brown Moist Coarse Cherty Limestone GRAVEL</p> <p>Grey Moist CLAY LOAM (Colluvium)</p> <p>Brown Very Moist LOAM to SAND LOAM</p> <p>Brown Moist SILTY CLAY LOAM</p> <p>Brown Medium Moist SAND</p>																						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating  
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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075-0039 Ex 075-2508 Pr	404+21	2 NE Wing	403+79	28.0ft Lt	496.5					486.0	486.0	446.0		Washed								
<p>Brown Medium Moist SAND (continued) 456.00</p> <p>Dark Grey Clayey SHALE</p> <p>Greyish Brown Very Weathered Argillaceous LIMESTONE (Very Broken)</p> <p>1003"</p> <p>B.S.</p> <p>Light Grey and Tan Wet Silt (Possible Void) Free Water</p> <p>Shump</p> <p>Grey Very Well Indurated Microcrystalline Limestone 442.00</p> <p>1002"</p> <p>B.S.</p> <p>Auger Refusal</p> <p>Boring Completed</p>																						

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PLOT DATE = Sep-26-2007 02:44:18PM  
 FILE NAME = c:\projects\652404\yabba\mal\075-0039\050181 brewster\_boring\_log.dgn  
 PLOT SCALE = 0.06333 ' / IN.  
 USER NAME = jbaughlinr1

File Name: S:\PROJECTS\72891\075-2508\11 06 OVER BREWSTER CREEK\DATA\TEMP\BBS\BBS1010.DWG Date Plotted: 11/08  
 Location: 28 deg 38'10" min. N Longitude 81 deg 43'14" min. W Datum: NAD83 Job Number: 11-06-04-04

File Name: S:\PROJECTS\72891\075-2508\11 06 OVER BREWSTER CREEK\DATA\TEMP\BBS\BBS1010.DWG Date Plotted: 11/08  
 Location: 28 deg 38'10" min. N Longitude 81 deg 43'14" min. W Datum: NAD83 Job Number: 11-06-04-04

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
BORING LOGS - 2 OF 3  
ILLINOIS ROUTE 96 OVER  
BREWSTER CREEK  
FAP RTE 304 - SECT. 2(B-5,B-6)  
PIKE COUNTY  
STATION 404+21.51  
STRUCTURE NO. 075-2508

SCALE: N/A DRAWN BY JLS  
DATE SEPT 2007 CHECKED BY DSP