

For Information Only

FORM NO. B.G. 137 REV. 9-60 BN. 5 of 5 EN

BRIDGE FOUNDATION BORING LOG

PROJECT I-57-2()86 BRIDGE Township Road 447 Date April 2, 1962
 ROUTE FAI 57 over FAI Rt. 57 Bored By F. R. Beck
 SEC. 41-1HB-2 STA. 310+83 Checked By J. J. Klay
 COUNTY Jefferson

Boring No. 5
 Station 310+76
 Offset 67' Lt. Sur. &

				Surface Water El. _____				
				Groundwater El. at Completion <u>414.0</u>				
				After _____ Hours _____				
Elevation	Z	t/sf	(%)		Elevation	Z	t/sf	(%)
Ground Surface	423.80							
Stiff, brown grey, SILTY CLAY	422.3	12	1.4 B	22	399.8	44		15
Stiff, brown grey mottled, SILTY CLAY to SILTY CLAY LOAM		13	1.6 B	19	-25	41	4.3 S	13
	-5				397.1			
		16	1.9 S	21				9
Very stiff, grey brown, CLAY LOAM to CLAY	417.3				-30			
		16	2.2 S	20	392.8			
	-10	27	3.9 S	18				
		24	2.1 S	20				
Loose, brown tan, wet, SILTY LOAM and three 1" SAND SEAMS	411.3				-35			
		9		26				
	408.8	-15						
Very stiff to hard, grey brown, CLAY LOAM		23	2.5 S	18				
		18	2.2 S	14	-40			
	-20							
		37	5.7 S	13				
	401.8				-45			

*N value = 83 for only 0.5 ft.

Hard, grey SHALE core recovery 95 - 100%

Extent of Exploration

CORE

N - Standard Penetration Test - Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".
 Qu - Unconfined Compressive Strength - t/sf
 w - Water Content - percentage of oven dry weight-%.
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value