

BRIDGE FOUNDATION BORING LOG

PROJECT: BRIDGE STRUCTURE CARRYING TOWN- SHIP 97 OVER HONEY CREEK Date: AUGUST, 1961
 ROUTE: TOWNSHIP 97 Bored By: JOEL CONGIARDO
 SEC: STRUCTURE #3013 STA: Checked By: GARY L. PULLEY
 COUNTY: HARDIN

Boring No.	Station	Offset	Elevation	N	Qu t/ft.	w (%)	Surface Water El.	Groundwater El. at Completion	After Hours	Elevation	N	Qu t/ft.	w (%)
2-S	10' SOUTH OF EXIST	CL EXIST	100.4	0			NONE	79.4					
			95.4	-5	7	0.95	17			72.9	3	0.5B	34
			92.9		16	1.15	16			70.4	3	0.7B	33
			90.4	-10	7	0.6S	22			67.9	6	0.7S	32
			87.8		9	1.3S	21			65.4	13	1.6B	33
			85.4	-15	5	1.1B	22			62.9	10	0.7B	39
			82.9		3	0.9B	30			60.0	12	1.8B	33
			80.4	-20	1	0.3B	37			40.0	11	1.6B	33
			77.9		5	1.0B	30			45.0			

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

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STRUCTURE CARRYING TOWNSHIP 97 OVER HONEY CREEK STRUCTURE #3013 HARDIN COUNTY BORING NO. 2-S

Elevation	N	Qu t/ft.	w (%)
-45			
49.9	6	1.4B	34
44.9	5	0.9B	20
43.2	55		
	100	BLOWS	21

SEE PREVIOUS SHEET

MEDIUM VERY MOIST GREY SILTY CLAY A-6

MEDIUM VERY MOIST BROWN MOTTLED GREY CLAY TO CLAY LOAM A-6 & GRAVEL

DENSE TO HARD MOIST TO DAMP BROWN BROKEN SANDSTONE

BOTTOM OF HOLE = 57.2 FEET.

DURING DRILLING OPERATIONS IT APPEARED THAT FREE WATER WAS ENCOUNTERED AT 27.5 FEET.

CENTER OF EXISTING STRUCTURE WAS USED AS T.B.M. - ASSUMED AN ELEV. OF 100.0.

BORING 2-S