

BRIDGE FOUNDATION BORING LOG

PROJECT P-91-304-75 BRIDGE Route 47 (PA 64) Date 7-8-76
 ROUTE PA 64 over Virgil Ditch #2 Bored By D. Grow
 SEC. 106 X-DR STA. 1462 + 82 Checked By D. STUBEN
 COUNTY Kane
 Boring No. #2
 Station 1462 + 93
 Offset 30' Rt. or L.

Elevation	N	Qu t/s.f.	w (%)	Surface Water El.	Elevation	N	Qu t/s.f.
Ground Surface 910.3	0			906			
MEDIUM, BROWN DRY SANDY LOAM and GRAVEL 908.3		9		Groundwater B. at Completion 906.3			
				After Hours			
STIFF, BROWN and GRAY MOTTLED CLAY LOAM 905.8	12	1.1	19				
MEDIUM, LIGHT GRAY SANDY LOAM and GRAVEL with some Wood Fibers 895.8	6	.5	15				
VERY DENSE, GRAY SANDY LOAM & GRAVEL - Very little recovery 900.8	55		20				
SOFT, PINKISH SILT 898.8	18	.3	19				
MEDIUM, GRAY SAND & GRAVEL 895.8	24						
DENSE, BROWNISH-ORANGE SAND 893.3	35						
MEDIUM, BROWN SAND 891.3	27						
VERY STIFF, REDDISH SANDY CLAY (TILL) 890.3							
VERY STIFF, PINKISH-GRAY SANDY CLAY (TILL) 888.3	30	3.75	11				

t - Standard Penetration Test - blows per foot to drive 2" D. Split Spoon Sampler 12" with 40# 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
 P - Penetration

BRIDGE FOUNDATION BORING LOG

B# 2 Continued
 PA 64 (Route 47)
 Section 106 X-DR
 Kane County

Elevation	N	Qu t/s.f.	w (%)	Elevation	N	Qu t/s.f.
VERY STIFF PINKISH-GRAY SANDY CLAY (TILL) 858.8	46	3.88	11			
Bottom of Boring						
B.M. Elev. 914.45 Chiseled "L" on top of N.W. Wingwall						



QUIGG ENGINEERING INC

USER NAME =	DESIGNED - RJP	REVISED
CHECKED - MJT	REVISIONS	
PLOT SCALE =	DRAWN - JTF	REVISIONS
PLOT DATE =	CHECKED - MJT	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS
 STRUCTURE NO. 045-0078

SHEET NO. 20 OF 22 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	106X-B	KANE	87	58
CONTRACT NO. 60N13			ILLINOIS FED. AID PROJECT	