SW¼, Section 17, T 15 N, R 9 E, 4th PM

FORM NO. B.D. 127 REV. 8-80 — Sh. 1 of 1 Sh.

BRIDGE FOUNDATION BORING LOG

PROJECT Arispie Township — BRIDGE Plow Hollow Creek — Date Feb. 9, 1978
ROUTE — Bored By H. Williams
SEC. 77-01114-00-BR — STA Br.No. 4001 — Checked By R. Wildman
COUNTY Bureau
Boring No. B-1 — Station 15+37 — Offset ℄ of road
Ground Surface Water El. 521.5 — Groundwater El. at Completion dry hole — After ___ Hours

Elevation		N	Qu t/s.f.	w (%)
Ground Surface 574.9	0			
Frozen Tan Sand & Gravel (Fill)				
Hard Drilling				
Same As Above				6
	-5			
Dense Tan Sand (medium) with Gravel		37		7
Loose, Tan Sand & Gravel with Loam		9		13
	-10			
Dense Tan Sand & Gravel (Coarse) cobbles		30		6
Same As Above		30		6
	-15			
Same As Above		36		5
Same As Above		40		6
	-20			
Same As Above ▽		40		

Elevation		N	Qu t/s.f.	w (%)
Hard Tan Clay Till		35	±10.9	12
	-25		B	
Hard Tan Clay Till		30	8.5	15
Dense Tan Sand (medium)				
Medium Tan Sand (medium)		22		11
	-30			
Same As Above		24		18
Same As Above		26		18
	-35			
End of Boring				
	-40			
	-45			

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, P – Penetrometer

FORM NO. B.D. 127 REV. 8-80 — Sh. 1 of 1 Sh.

BRIDGE FOUNDATION BORING LOG

PROJECT Arispie Township — BRIDGE Plow Hollow Creek — Date 2-15-78
ROUTE — Bored By H. Williams
SEC. 77-01114-00-BR — STA Br.No. 4001 — Checked By R. Wildman
COUNTY Bureau
Boring No. B-2 — Station 14+51 — Offset ℄ of road
Surface Water El. 31.0 — Groundwater El. at Completion dry hole — After ___ Hours

Elevation		N	Qu t/s.f.	w (%)
Ground Surface 527.0	0			
Frozen Tan Sand & Gravel (fill)				
Same As Above				
	-5			
Medium Brown Sandy Loam		21		11
Same As Above		23		12
	-10			
Medium Tan Sand (fine) with trace of gravel		24		7
Same As Above		27		6
	-15			
Dense Tan Sand & Gravel (cobbles)		41		5
Very Dense Tan Sand & Gravel (cobbles)		52		6
	-20			
Dense Tan Sand & Gravel (cobbles)		45		

Elevation		N	Qu t/s.f.	w (%)
Medium Tan Sand (medium grained)		22		5
	-25			
Same As Above		22		6
Same As Above		22		5
	-30			
Medium Tan Sand ▽		27		20
Same As Above		30		20
End of Boring	-35			
	-40			
	-45			

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, P – Penetrometer

FILE NAME = S:\PROJECTS\2010\1285D10_Bureau_TR240\DESIGN\STRUCTS\structure Drawings\1285D10Borings.dgn

USER NAME =	DESIGNED - B.S.K.	REVISED -	**BUREAU COUNTY** **T.R. 240 OVER PLOW HOLLOW CREEK** **STATION 15+00**
	CHECKED - B.K.C.	REVISED -	
PLOT SCALE =	DRAWN - F.D.L.	REVISED -	
PLOT DATE =	CHECKED - M.A.C.	REVISED -	

BORING LOGS
STRUCTURE NO. 006-4012
STRUCTURAL SHEET NO. 9 OF 9 SHEETS

TWP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
240	10-01121-00-BR	BUREAU	23	18
	WHA* 1285D10	CONTRACT NO. 87483		
	ILLINOIS FED. AID PROJECT BROS-0011(075)			