


BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2
Date 10/17/03

ROUTE Argo Fay Road DESCRIPTION P92-026-04 Box Culvert, 3.1 miles west of IL 78 LOGGED BY C. Jenkins

SECTION _____ LOCATION York Twp. - NW, SEC. 15, TWP. 23N, RNG. 4E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE C-45


STRUCT. NO. 008-2002
Station _____

BORING NO. B-2b
Station 14' E. of center of culvert
Offset 10.00ft N of CL
Ground Surface Elev. 99.90 ft

Description	D E P T H (ft)	B L O W S (blows)	U N D ER R EST (tsf)	M O I S T U R E (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	D E P T H (ft)	B L O W S (blows)	U N D ER R EST (tsf)	M O I S T U R E (%)
18" Asphalt & Concrete Pushed Sampler, "No Voids" MEDIUM tan SAND & GRAVEL	98.40												
STIFF tan/brown SANDY LOAM with GRAVEL	97.90	4	1.4	16.0									
STIFF tan/brown SILTY LOAM with SAND lenses	93.90	3	1.1	18.0									
MEDIUM black SANDY LOAM with CONCRETE chunks	91.40	30	0.5	16.0									
SOFT black SILTY LOAM with SAND lenses	88.40	3	0.3	20.0									
LOOSE black/gray fine-grained SAND	86.40	3											
LOOSE tan/gray fine-grained SAND	83.90	3											
Same as above	81.40	3											
LOOSE tan fine grained SAND	78.90	3											
MEDIUM tan fine grained SAND with some GRAVEL	76.40	3											
MEDIUM tan SAND & pea GRAVEL	73.90	3											
Begin Wash MEDIUM tan fine SAND	71.40	7											
Wash MEDIUM tan fine SAND with some GRAVEL	68.90	3											
Wash STIFF gray SILTY CLAY	63.90	3	1.2	22.0									
HARD gray CLAY	61.40	3	4.3	22.0									
HARD gray CLAY with a SILT lens	53.90	9	4.5	20.0									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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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HARD gray CLAY with a SILT lens (continued)	58.90	6	5.0	20.0									
Wash VERY STIFF gray CLAY	56.40	4	3.3	21.0									
Wash HARD gray CLAY	53.90	4	6	4.5	20.0								
End of Boring													

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