


BORING LOGS

STA. 339 + 15

SN 037-1188



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

SOIL BORING LOG

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Date 1/31/12

ROUTE FAS 226 DESCRIPTION 037-1188 P92-088-09 Box Culvert on US 6, .7 m. E. of Osco Road LOGGED BY Be. Wetzell

SECTION 3T & 3BR-1 LOCATION Edford Twp. - 18SE, SEC. , TWP. 17N, RNG. 2E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 037-1188 DEPTH (ft) (1/6") (tsf) (%)

Station 339+23

BORING NO. B-1 DEPTH (ft) (1/6") (tsf) (%)

Station 339+33


Offset 17.00ft Rt CL

Ground Surface Elev. 646.20 ft

DEPTH (ft)	(1/6")	(tsf)	(%)	DESCRIPTION	DEPTH (ft)	(1/6")	(tsf)	(%)
644.20	6			MEDIUM brown SILTY CLAY LOAM	625.20	15		
642.70	7	0.8	16.0	MEDIUM gray weathered SHALE	622.70	14		
640.20	3	0.6	30.0	VERY DENSE gray weathered SHALE	620.20	52		
637.70	2	0.4	33.0	SOFT black SILTY CLAY LOAM				
635.20	3	0.6	47.0	MEDIUM black SILTY CLAY LOAM with 11RGANICS				
632.20	3	0.9	32.0	MEDIUM black SILTY CLAY LOAM				
629.70	5			MEDIUM gray dirty fine SAND				
627.70	7			MEDIUM gray weathered SHALE				

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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COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 037-1188 DEPTH (ft) (1/6") (tsf) (%)

Station 339+23

BORING NO. B-2 DEPTH (ft) (1/6") (tsf) (%)

Station 338+98

Offset 17.00ft Lt CL

Ground Surface Elev. 646.80 ft

DEPTH (ft)	(1/6")	(tsf)	(%)	DESCRIPTION	DEPTH (ft)	(1/6")	(tsf)	(%)
644.80	2			VERY STIFF brown SILTY CLAY LOAM	625.80	10		
643.30	5	2.5	21.0	MEDIUM gray weathered SHALE	623.30	40		
640.80	3	0.7	18.0	VERY DENSE gray weathered SHALE	620.80	35		
638.30	3	0.8	35.0	MEDIUM brown SILTY CLAY LOAM				
635.80	3	0.4	38.0	SOFT black SILTY CLAY LOAM				
633.30	2	0.9	27.0	MEDIUM tan SILTY CLAY LOAM				
630.30	1	0.3	30.0	SOFT tan SILTY CLAY LOAM				
628.30	5			MEDIUM black weathered SHALE				
626.30	8			MEDIUM gray weathered SHALE				

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