BORING LOGS
STA. 393 + 64
SN 037-1187

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 6/15/12

ROUTE FAS 226 DESCRIPTION 037-1187 Pipe on US 6, 2/3 m. E. of Talbot Road LOGGED BY W. Garza
SECTION 3T & 3BR-1 LOCATION Edford Twp. - 17SE, SEC. , TWP. 17N, RNG. 2E
COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 037-1187 Prop.
Station 496+14.5
BORING NO. B-1
Station 496+11
Offset 26.00ft Rt CL
Ground Surface Elev. 98.1 ft

Surface Water Elev. 95.4 ft
Stream Bed Elev. 94.8 ft
Groundwater Elev.:
First Encounter 86.1 ft ▼
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DRY brown SILTY CLAY LOAM	96.10				14
SOFT black SILTY CLAY LOAM	94.60		1 1 3	0.4 B	32
SOFT dark gray SILTY LOAM	92.10	-5	2 1 3	0.4 B	31
MEDIUM light gray SILT	89.60		2 4 5	0.9 B	25
VERY SOFT light gray SILTY LOAM with SAND lens	86.60	-10	1 1 2	0.2 P	32
LOOSE tan/light gray fine SAND	84.10		3 2 4		
STIFF gray TILL with SAND lens	82.10	-15	4 5 5	1.5 B	12
MEDIUM gray TILL	79.60		4 4 7	0.8 B	15
MEDIUM gray TILL		-20	2		
MEDIUM gray TILL (continued)	77.10		2 5	0.9 B	16
VERY STIFF gray TILL	74.60		3 4 8	2.3 B	13
VERY STIFF gray TILL	72.10	-25	3 4 7	2.9 B	13
VERY STIFF gray TILL	69.60		4 5 9	2.7 B	13
VERY STIFF gray TILL	67.10	-30	4 5 9	2.1 B	13
VERY STIFF gray TILL	64.60		4 7 10	2.9 B	12
VERY STIFF gray TILL	62.10	-35	4 5 10	2.5 B	13
VERY STIFF gray TILL	59.10		4 8 11	3.7 B	13
End of Boring		-40			

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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SOIL BORING LOG

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Date 6/18/12

ROUTE FAS 226 DESCRIPTION 037-1187 Pipe on US 6, 2/3 m. E. of Talbot Road LOGGED BY W. Garza
SECTION 3T & 3BR-1 LOCATION Edford Twp. - 17SE, SEC. , TWP. 17N, RNG. 2E
COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 037-1187 Prop.
Station 496+14.5
BORING NO. B-2
Station 496+23
Offset 24.00ft Lt CL
Ground Surface Elev. 98.2 ft

Surface Water Elev. 95.4 ft
Stream Bed Elev. 94.8 ft
Groundwater Elev.:
First Encounter 86.2 ft ▼
Upon Completion 67.2 ft ▽
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM	96.20			0.5 P	20
STIFF brown SILTY CLAY LOAM	94.70		3 4 5	1.5 B	25
MEDIUM black SILTY CLAY LOAM	92.20	-5	1 2 2	0.5 B	31
STIFF light gray SILT	89.70		2 2 5	1.1 P	22
MEDIUM light gray SILT	86.70	-10	1 1 3	0.8 P	27
LOOSE light gay fine SAND	84.70		0 3 6		
MEDIUM tan fine SAND	82.20	-15	4 7 8		
MEDIUM tan fine SAND	79.20		6 7 12		
STIFF gray TILL		-20	2		
STIFF gray TILL (continued)	77.20		3 6	1.8 B	13
STIFF gray TILL	74.70		0 4 8	1.1 P	15
No Recovery	72.20	-25	3 6 9		
No Recovery	69.70		5 7 9		
STIFF gray TILL	67.20▽	-30	3 5 7	1.4 B	15
VERY STIFF gray TILL	64.70		5 8 12	2.5 B	14
VERY STIFF gray CLAY LOAM TILL	62.20	-35	5 8 14	3.3 B	16
End of Boring		-40			

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)