

BORING LOGS

STA. 393 + 64

SN 037-1187

Illinois Department of Transportation <small>Division of Highways Illinois Department of Transportation</small>		SOIL BORING LOG		Page <u>1</u> of <u>1</u> Date <u>6/15/12</u>	
ROUTE <u>FAS 226</u> DESCRIPTION <u>037-1187 Pipe on US 6, 2/3 m. E. of Talbot Road</u> LOGGED BY <u>W. Garza</u>					
SECTION <u>3T & 3BR-1</u> LOCATION <u>Edford Twp. - 17SE, SEC. , TWP. 17N, RNG. 2E</u>					
COUNTY <u>Henry</u> DRILLING METHOD <u>Hollow Stem Auger</u> HAMMER TYPE <u>CME-45 Automatic</u>					
STRUCT. NO. <u>037-1187 Prop.</u> Station <u>496+14.5</u>		D E P T H S Qu T	B L O W S Qu T	U C S Qu T	M O I S T S T
BORING NO. <u>B-1</u> Station <u>496+11</u> Offset <u>26.00ft Rt CL</u> Ground Surface Elev. <u>98.1</u> ft		(ft)	(/6")	(tsf)	(%)
Surface Water Elev. <u>95.4</u> ft Stream Bed Elev. <u>94.8</u> ft Groundwater Elev.: First Encounter <u>86.1</u> ft ▼ Upon Completion <u>Dry</u> ft After _____ Hrs. _____ ft		(ft)	(/6")	(tsf)	(%)
DRY brown SILTY CLAY LOAM	14	MEDIUM gray TILL (continued)	2 5	0.9 B	16 77.10
96.10 SOFT black SILTY CLAY LOAM	1 3	0.4 B	32	VERY STIFF gray TILL	3 4 8
94.60 SOFT dark gray SILTY LOAM	2 1 3	0.4 B	31	VERY STIFF gray TILL	3 4 7
92.10 MEDIUM light gray SILT	2 4 5	0.9 B	25	VERY STIFF gray TILL	4 5 9
89.60 VERY SOFT light gray SILTY LOAM with SAND lens	1 1 2	0.2 P	32	VERY STIFF gray TILL	4 5 9
86.60 LOOSE tan/light gray fine SAND	3 2 4			VERY STIFF gray TILL	4 7 10
84.10 STIFF gray TILL with SAND lens	4 5 5	1.5 B	12	VERY STIFF gray TILL	4 5 10
82.10 MEDIUM gray TILL	4 4 7	0.8 B	15	VERY STIFF gray TILL	4 8 11
79.60 MEDIUM gray TILL	2			End of Boring	59.10 -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)

Illinois Department of Transportation <small>Division of Highways Illinois Department of Transportation</small>		SOIL BORING LOG		Page <u>1</u> of <u>1</u> Date <u>6/18/12</u>	
ROUTE <u>FAS 226</u> DESCRIPTION <u>037-1187 Pipe on US 6, 2/3 m. E. of Talbot Road</u> LOGGED BY <u>W. Garza</u>					
SECTION <u>3T & 3BR-1</u> LOCATION <u>Edford Twp. - 17SE, SEC. , TWP. 17N, RNG. 2E</u>					
COUNTY <u>Henry</u> DRILLING METHOD <u>Hollow Stem Auger</u> HAMMER TYPE <u>CME-45 Automatic</u>					
STRUCT. NO. <u>037-1187 Prop.</u> Station <u>496+14.5</u>		D E P T H S Qu T	B L O W S Qu T	U C S Qu T	M O I S T S T
BORING NO. <u>B-2</u> Station <u>496+23</u> Offset <u>24.00ft Lt CL</u> Ground Surface Elev. <u>98.2</u> ft		(ft)	(/6")	(tsf)	(%)
Surface Water Elev. <u>95.4</u> ft Stream Bed Elev. <u>94.8</u> ft Groundwater Elev.: First Encounter <u>86.2</u> ft ▼ Upon Completion <u>67.2</u> ft ▼ After _____ Hrs. _____ ft		(ft)	(/6")	(tsf)	(%)
MEDIUM brown SILTY CLAY LOAM	20	STIFF gray TILL (continued)	3 6	1.8 B	13 77.20
96.20 STIFF brown SILTY CLAY LOAM	3 5	1.5 B	25	STIFF gray TILL	0 4 8
94.70 MEDIUM black SILTY CLAY LOAM	1 2 2	0.5 B	31	No Recovery	3 6 9
92.20 STIFF light gray SILT	2 2 5	1.1 P	22	No Recovery	5 7 9
89.70 MEDIUM light gray SILT	1 1 3	0.8 P	27	STIFF gray TILL	3 5 7
86.70 LOOSE light gray fine SAND	0 3 6			VERY STIFF gray TILL	5 8 12
84.70 MEDIUM tan fine SAND	4 7 8			VERY STIFF gray CLAY LOAM TILL	5 8 14
82.20 MEDIUM tan fine SAND	6 7 12			End of Boring	62.20 -40
79.20 STIFF gray TILL	2				-40

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BBS, from 137 (Rev. 8-99)