

Contract #70517



SOIL BORING LOG

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Date 10/17/78

ROUTE FAU 6406 (US 150) DESCRIPTION ROUTE 150 OVER KICKAPOO CREEK LOGGED BY W.PEARCE

SECTION 1(BR-2) LOCATION SEC., TWP., RNG.

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	057-0181	D	B	U	M	Surface Water Elev.	750.2	ft
Station	407+88	E	L	C	O	Stream Bed Elev.		ft
BORING NO.	1	P	O	S	I	Groundwater Elev.:		
Station	408+01	T	W	Qu	T	First Encounter		ft
Offset	32.0 ft Lt.	H	S			Upon Completion		ft
Ground Surface Elev.	756.2					After		Hrs.

SOIL DESCRIPTION	DEPTH (ft)	BULGE (ft)	SHEAR (lb/ft ²)	SPT (blows)
MEDIUM DARK BROWN CLAY LOAM	0 - 4	0.5	S	24
751.7	4			
VERY SOFT BROWN SILTY CLAY LOAM	4 - 7	0.2	B	34
749.2	7			
LOOSE GRAY SAND & GRAVEL (CLAY CONTAMINATED)	7 - 17			17
741.7	17			
MEDIUM LIGHT GRAY SAND & GRAVEL	17 - 21			12
718.7	21			
716.7	21			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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 DESCRIPTION	DEPTH (ft)	BULGE (ft)	SHEAR (lb/ft ²)	SPT (blows)
DENSE GRAY SAND & GRAVEL (continued)	0 - 15	4.5	S	9
715.2	15			
HARD GRAY CLAY TILL	15 - 20			
714.2	20			
VERY DENSE GRAY MEDIUM SAND	20 - 87			14
711.7	87			
VERY STIFF GRAY CLAY TILL	87 - 42	2.2	S	9
709.2	42			
DENSE GRAY SAND & GRAVEL (CLAY CONTAMINATED)	42 - 49			8
692.7	49			
61	61			
85	85			16
66	66			
End of Boring	66			

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BBS, from 137 (Rev. 8-99)

SOIL BORINGS
US. ROUTE 150
OVER KICKAPOO CREEK
FAU ROUTE 6406 SECTION 1(BR-2)
MCLEAN COUNTY
STATION 407+23.50
STRUCTURE NO. 057-0246