

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 10/5/05

ROUTE FAU 8324 DESCRIPTION Trimble Road over Un-named Stream LOGGED BY E. Sandschafer

SECTION (21, BY) B-1 LOCATION SE 1/4, SEC. 27, TWP. 7 N, RNG. 12 W, 3 PM

COUNTY Crawford DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 017-0020
Station 602+21

BORING NO. 1
Station 601+87
Offset 14.00 ft RL
Ground Surface Elev. 496.94 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)
0				Aggregate shoulder, Very stiff to medium, damp, brown/red/gray, CLAY w/ silt.	486.64			
4				Very stiff, damp, gray, CLAY TILL.	474.94	7	2.1	17
4	2.5	26	Hard, very moist, SANDY CLAY TILL.			13	B	
5	PP					10		
3				Very stiff, damp, gray to brown, CLAY TILL w/ Sand.	472.44	9		
3	1.2	23				17	3.7	19
5	B					14	B	
2				Very soft, damp, red, SANDY LOAM.	466.94	5		
3	0.8	24				10	3.0	18
5	B					10	BS	
0				Very soft, wet, gray, MUCK.	464.94	5		
2	0.2	15				10	4.1	16
2	B					14	B	
4	1.4	26		Medium, damp, red mottled gray, CLAY w/ Sand and trace coarse gravel.	483.94	5		
2	B					10	1.6	15
2	0.9	25				16	S	
0				Gray, SILTY LOAM.	461.44	5		
2	0.9	17				10	1.6	15
3	B					16	S	
0				Very dense, damp, gray, fine	457.44	29		
6						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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0				grained, SAND, 9% passing #200 sieve.	459.64	50/3"		24
				Brown and gray, SANDY CLAY.		50/2"		
				Very dense, damp, gray, SANDSTONE.	452.44	50/3"		
						451.84	50/2"	
				Extent of exploration.		50/2"		
				Benchmark: BM 112 Chiseled square on top of SW wingwall of existing structure = 487.52'				

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BBS, from 137 (Rev. 8-99)

SOIL BORINGS
FAU-8324 (TRIMBLE ROAD) OVER
UNNAMED STREAM
SECTION (21, BY) B-1
CRAWFORD COUNTY
STATION 602+21
STRUCTURE NO. 017-2014

DESIGNED	-	DCS
CHECKED	-	KWB
DRAWN	-	REZ
CHECKED	-	KWB



SHEET NO. 4 5 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	8324	(21, BY) B-1	CRAWFORD	-	13
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT		