



SOIL BORING LOG

Page 1 of 2

ROUTE FAP 310 DESCRIPTION Wenzel Rd over IL 255 LOGGED BY Larry Ford
 SECTION 60-15HB LOCATION SE. SEC. 24, TWP. 3N, RNG. 10W, 3 PM
 COUNTY FAP 310 DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Hammer

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTHS			SPT	UCS	MOISTURE	DESCRIPTION	ELEV.	DEPTHS			SPT	UCS	MOISTURE	DESCRIPTION	ELEV.	
						(m)	(ft)	(%)						(m)	(ft)	(%)						(m)
060-0306		43 E ABUT	38+341	19.70m RT IL 255 CL	172.53																	
						11						Brown SILTY with some CLAY and a trace of SAND A-6(11)	166.1	13	460							
						17	287					Brown SILTY SAND (fine to coarse) w/ some GRAVEL		19	S/15	10						
						20	S/10	11														
						10																
						13	220					Brown SILTY with some SAND and some CLAY A-6(11) (continued)		30								
						14	S/15	13				See Gradation at 25.5'	154.5	43	NC	12						
						5						Gray and Brown SAND (fine to medium, gradation)		14								
						8	364							20								
						13	S/10	19				See Gradation at 28.0'		38	NC	15						
						3						Gray CLAY LOAM	163.8	12								
						4	86							21	431							
						5	S/10	20						36	S/15	11						
						1																
						4	172															
						6	S/5	14														
						11	278							20	766							
						13	S/15	12						38	S/15	12						
						9																
						18	548					Brown and Gray Slightly Weathered SHALE	161.4									
						34	S/15	10														

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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 BBS, from 137 (Rev. 8-99)

LIN ENGINEERING, LTD.
 20 E. Chestnut
 6171 483-4832
 Channah, Illinois 62629
 FAX: 6171 483-4706
 Designed By: MTH Checked By: PBL Drawn By: JMD
 Date: 02/03 File: 0600306.Dwg

REVISIONS	NAME

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
 WENZEL ROAD OVER F.A.P. RTE 310
 SECTION 60-15HB
 MADISON COUNTY
 STA. 36+335.990 (FAP 310)
 STA. 10+000.000 (WENZEL ROAD)
 STRUCTURE NO. 060-0306