STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District 03, Ottawa

SOIL BORING LOG

Date 3/27/10

ROUTE Waldron Rd (FAU 6184) DESCRIPTION Waldron Road over I-57, Retaining Wall Soil Investigation LOGGED BY Larry Myers

SECTION 139-HB-1-HF-1 LOCATION SE 1/4, SEC. 4, TWP. 30N, RNG. 13W

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-0080
Station 230+53.99

BORING NO. 1 (NW Quad.)
Station 18+17
Offset 9.00ft Lt.
Ground Surface Elev. 657.19 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter ____ ft
Upon Completion ____ ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Augered, Bituminous, Sand & Gravel & Black, Gray, Silty Clay Loam, Fill
654.69				
	4			Very Stiff/Hard, Gray/Brown/Black, Silty Loam/Silty Clay Loam, Till Fill with Rock & Concrete Debris
	5	3.5	23.2	
	6	P		
-5				
	3			
	4	3.5	17.9	
	5	P		
	3			
648.69	5			
	8	4.3	21.6	Hard, Gray & Brown, Silty Clay/Silty Clay Loam
647.19 -10		S		
	8			Hard, Brown, Silty Clay Loam, Till
	12	8.2	17.0	
	14	S		
	9			
	10	8.2	18.8	
	11	S		
642.19 -15				
	3			Very Stiff, Brown, Silty Loam, Till with Silt Layers
	4	3.0	20.4	
	5	P		
	3			
	4	3.0	17.8	
	5	P		
637.69				
-20				
	5			Hard, Brown/Gray, Silty Clay/Silty Clay Loam, Till *(continued)*
	6	4.6	19.1	
	7	S		
	3			
	5	4.0	21.5	
	7	S		
632.19 -25				
	4			Hard, Gray, Silty Clay Loam, Till with Large Gravel Pieces
	8	4.0	12.4	
	12	P		
629.69				
	100/1"	No Recovery		Assumed Dolostone Surface, Auger Refusal End of Boring
-30				
-35				
-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)

SOIL BORING LOG
AROMA PARK RD. OVER F.A.I. 57
SECTION (46-3) I-2
KANKAKEE COUNTY
STATION 229+29.11
S.N. 046-8803

DESIGNED -	J.A.M.
CHECKED -	A.R.K.
DRAWN -	S.A.P.
CHECKED -	A.R.K. & J.A.M.

FEHR-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS
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4440 ASH GROVE SPRINGFIELD, IL 62711 (217)-793-8600 www.fehr-graham.com

SHEET NO. 4
4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3) I-2	KANKAKEE	10	10
		CONTRACT NO. 66A23		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FILE: 46810L_BORINGS.DGN DATE: 05/07/10

*46810L