STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways, District #3, Ottawa

Page 1 of 2

Date 6/23/06

ROUTE FAI-57 DESCRIPTION I-57 over CNIC RR LOGGED BY Larry Myers

SECTION 46-2VB LOCATION SW 1/4, SEC. 16, TWP. 31N, RNG. 12E, 3rd PM

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-0016 & 0017
Station 325+93.10

BORING NO. #3: W Abut: Median
Station 326+99.1
Offset 9.00ft Lt
Ground Surface Elev. 707.01 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 678.0 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, brown, Silty Clay Loam fill with Concrete debris	702.01	-5	3		
			4	2.0	12.0
			4	P	
Very stiff, brown, Silty Clay Loam fill with Concrete debris	700.01				
Stiff, black gray, Silty Clay fill with Concrete debris			wh		
			2	1.3	24.4
			5	P	
		-10	2		
			2	1.3	28.5
			2	P	
			1		
			2	2.0	23.0
			5	P	
	692.51	-15			
Hard, brown gray, Silty Clay Loam Till			3		
			4	4.8	16.1
			5	S	
			4		
			9	5.4	16.0
			11	S	
		-20			
Hard, brown gray, Silty Clay Loam Till *(continued)*			5		
			8	6.8	16.9
			9	S	
			4		
			6	5.0	18.0
			12	S	
		-25			
			6		
			9	9.7	17.0
			12	S	
	680.01				
Very stiff, gray, Silty Clay Till					
		-30	4		
			5	2.5	18.6
			7	B	
		-35	3		
	671.01		5	2.5	16.5
Very dense, gray tan, Limestone in tan, Silt and weathered Limestone matrix. Auger refusal @ 40'			100/3"	B	
	667.01	-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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COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-0016 & 0017
Station 325+93.10

BORING NO. #3: W Abut: Median
Station 326+99.1
Offset 9.00ft Lt
Ground Surface Elev. 707.01 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 678.0 ft
After Hrs. ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
		100/3"		
End of Boring				9.6
	-45			
	-50			
	-55			
	-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Date 7/31/06

ROUTE FAI-57 DESCRIPTION I-57 over CNIC RR LOGGED BY Larry Myers

SECTION 46-2VB LOCATION SW 1/4, SEC. 16, TWP. 31N, RNG. 12E, 3rd PM

COUNTY Kankakee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 046-0016 & 0017
Station 325+93.10

BORING NO. #4 NE Quad: E Abut
Station 325+43.1
Offset 70.00ft Rt
Ground Surface Elev. 691.63 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 668.6 ft
Upon Completion 673.1 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, black brown, Silty Clay fill	689.63				
Very stiff, brown gray, Silty Clay fill			3		
			4	3.5	20.2
			4	P	
		-5	3		
			2		20.1
			2		
	685.13				
Soft, brown, Silty Loam			wh		
			wh	0.5	23.4
			5	P	
	683.13				
Very stiff, gray, Silty Clay Loam Till					
		-10	5		
			6	rock	
			11	in	
				shoe	
			5		
			6	3.5	18.0
			8	B	
		-15	3		
			5	3.5	16.7
			7	B	
			3		
			4	2.1	17.7
			5	B	
		-20	2		
Very stiff, gray, Silty Clay Loam Till *(continued)*			3	2.5	17.6
			6	B	
	669.63				
Medium, gray, Silty Loam with Gravel			2		
	658.63		3	1.0	16.0
Dense, fractured, gray, Limestone with free H2O			30	P	5.5
		-25	30		11.3
	666.13		100/5"		
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)

DESIGNED	AMV
CHECKED	PMH
DRAWN	AMV
CHECKED	PMH

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
Chicago, Illinois 60601
(312) 946-8600

SOIL BORING LOGS
STRUCTURE NO. 046-0146 (S.B.)
& STRUCTURE NO. 046-0147 (N.B.)

SHEET NO.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SR-46	57	(46-2) VBR	KANKAKEE	558	373
SHEETS SR-48			CONTRACT NO. 66409		
	FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		