



SOIL BORING LOG

PAGE 1 of 1

DATE 5/5/2008

LOGGED BY MR

JOB NUMBER P-91-166-08

GSI JOB No. 08015

ROUTE I-294 & I-57

DESCRIPTION I-57 & I-294 Interchange Improvements (PTB 146, Item 1)

SECTION -

LOCATION Kedzie Avenue Over I-57

COUNTY Cook

DRILLING METHOD Straight Flight/Rotary Wash HAMMER TYPE CME Automatic

STRUCT. NO. 016-2126

BORING NO. 157-KED B-2

Station: 24+27 Kedzie Avenue

Offset: 46.5' Left

Ground Surface Elev. 611.8

D	B	U	M	Surface Water Elev.	n/a	D	B	U	M
E	L	C	O	Stream Bed Elev.	n/a	E	L	C	O
P	O	S	I	Groundwater Elevation:		P	O	S	I
T	W	S	S	First Encounter	600.8	T	W	S	S
H	S	Qu	T	Upon Completion	n/a	H	S	Qu	T
(f)	(6")	(tsf)	(%)	After Hrs.		(f)	(6")	(tsf)	(%)

12.0" ASPHALT	610.8					SAND-gray-medium dense (A-3)	591.3				
		13									
		4									
CLAY to CLAY LOAM-brown & gray-very stiff to hard (A-6) Fill		6	3.7B	18		SAND & GRAVEL-gray-medium dense (A-1-b)	588.8				
		6									
		23									
		-5	16	5.3B	13						
	606.3										
GRAVEL, STONE & CINDERS-very dense (Fill)						SILTY LOAM to LOAM-gray-medium dense (A-4)					
	603.8										
CLAY to CLAY LOAM-brown & gray-very stiff to hard (A-6) Fill		5									
		6									
		-10	5	3.2B	18						
	600.8										
SILTY LOAM-gray-medium dense (A-4)		8					579.8				
		7									
	598.8										
SAND-gray-medium dense (A-3)		3									
		6									
		-15	6								
	596.3										
CLAY-gray-medium stiff (A-6) Wet		2									
		3									
		4	0.5P	32							
	593.8										
SAND-gray-medium dense (A-3)		3									
		8									
		-20	11								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shaly Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NB-No Recovery

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - MDM	REVISED -
PLOT SCALE =	CHECKED - CME	REVISED -
PLOT DATE = 5/5/2011	DRAWN - SMM	REVISED -
	CHECKED - PDF	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS 2
STRUCTURE NO. 016-1196**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1313.1B-1	COOK	162	95
			CONTRACT NO. 60K14	
ILLINOIS FED. AID PROJECT				

SHEET NO. 34 OF 40 SHEETS

P:\602540\157-294\STRUCTURAL\kedzie over I57\final structure plans-active\0161196-57294-034-Boring_Logs_2.dgn 5/3/2011 1:41:15 PM