STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	605
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 91
91 SHEETS

(0203.1 & 0312-708W) R-3 CONTRACT NO. 62108

Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Page 1 of 1
Date 4/29/04

ROUTE FAP 332 (IL 394) DESCRIPTION Over Thorn Creek LOGGED BY Mark Dell

SECTION (0203.1 & 0312-708W) R-3 LOCATION NE 1/4, SEC. 26, TWP. 15, RNG. 36, 3rd PM

COUNTY Cook DRILLING METHOD CME 750, 3.25 In ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 016-2800
Station

BORING NO. HN-8
Station 440+527
Offset 14.40m Lt. of Prop. Baseline
Ground Surface Elev. 180.81 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 176.9 m ▼
Upon Completion Dry m
After 3 Hrs. Dry m

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Stiff to Very Stiff Brown and Gray CLAY, Trace Sand, With Occasional Silt and Sand Seams.		3 3 4	240 B	22
	-1.5	3 4 6	335 B	22
		3 5 7	192 B	22
	-3.0	3 4 7	278 B	22
Grades to Gray	▼	3 5 6	259 B	20
	-4.5	2 3 5	211 B	20
		2 3 4	182 B	
End of Boring	175.02 -6.0			

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	PCA
CHECKED	MEA
DRAWN	LK
CHECKED	MEA

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

SOIL BORING LOGS HN-08

SB IL ROUTE 394 / RAMP F OVER THORN CREEK
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 440+704.350 STRUCTURE NO. 016-2800/2845

DATE JUL 18, 2005
SCALE ---

HNTB

JBeauchamp
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