STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 62829

F.A.U. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2004-088B	COOK	145	127
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. SB-44
OF SHEETS SB-44

BORING B-28

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 2
Date 7/14/00

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER

SECT. 211K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.

COUNTY COOK LOCATION EAST ABUTMENT, NORTH SIDE S. 19 , TWP. T 42 N , RNG. R 12 E

Boring No. B-28
Station 400+01.46
Offset 81.12ft Rt. from PCL
Surface Elev. 639.94 ft

Surface Water Elev. N/A
Groundwater Elev.:
when drilling 606.4
at Completion 609.9
after 24 Hrs. 630.9

Description	Elev.	Depth	Blows	Qu tsf	W %
Dark Gray and Black SILTY CLAY traces to little - sand, gravel, topsoil, wood and roots (FILL)	638.94		2 3 4	3.3 B	17
Very Stiff, Gray and Black SILTY CLAY traces - sand, gravel, organics and roots (FILL)	634.94	-5	1 2 4	2.1 B	19
Loose, Black SANDY LOAM traces to little - clay, silt and organics (FILL)	632.44		1 3 6	- -	18
Stiff, Gray, Brown and/or Black SILTY CLAY traces - sand and gravel (from 7.5 to 10 feet - little organics)		-10	1 2 4	1.3 B	19
(FILL)	626.94		1 1 7	1.2 B	18
Stiff to Hard, Gray SILTY CLAY traces to little - sand and gravel		-15	2 4 5	2.1 B	13
			2 3 7	1.4 B	14
		-20	1 5 6	2.0 B	14
			2 5 8	3.2 B	14
	615.44	-25	4 8 30	4.3 B	15

Description	Elev.	Depth	Blows	Qu tsf	W %
Dense, Gray SILT traces to little- sand and clay			22 23 23	- -	16
Hard to Very Hard, Gray SILTY CLAY LOAM traces - sand and gravel	611.94	-30	6 11 13	8.2 B	12
		-35	8 13 20	10.3 S	14
very silty at 38+/- feet		-40	25 33 31	6.5 S	16
		-45	7 11 15	7.8 S	13
		-50	13 13 11	- -	

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Everest Engineering Company
STRUCTURE BORING LOG

Page 2 of 2
Date 7/14/00

STRUCTURE NO. 016-0530 (EXISTING)
ROUTE FAP 305
SECTION 211K-R-1
COUNTY COOK

Boring No. B-28
Station 400+01.46
Offset 81.12ft Rt. from PCL
Elevation 589.94 ft

Description	Elev.	Depth	Blows	Qu tsf	W %
		-55	7 13 35	4.5 B	11
BORING COMPLETED AT 55.0 FEET	584.94				
		-60			
		-65			
		-70			
		-75			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

DESIGNED	EL
CHECKED	JAS
DRAWN	ABW
CHECKED	EL

BORING LOGS VII
WILLOW ROAD OVER
DES PLAINES RIVER
F.A.P. RTE. 305
SECTION 2004-088B
COOK COUNTY
STA. 397+76.18
STR. NO. 016-0530

EDWARDS AND KELCEY

12/28/2004 11:11:34 AM
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