

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 62829

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2004-088B	COOK	145	121
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SHEET NO. SB-38
OF SHEETS SB-44

BORING B-19

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 7/7/00

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER
SECT. 21K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION WEST ABUTMENT, SOUTH SIDE S. 24, TWP. T 42 N., RING. R 11 E

Boring No. B-19 D B L O W
Station 396+23.8 E L O P T W S Qu W
Offset 69.83ft. Rt. from PCL H S tsf Z

Surface Water Elev. N/A D B L O W
Groundwater Elev. 624.5 E L O P T W S Qu W
at Completion 629.0 H S tsf Z
after 24 Hrs. 630.0

Surface Elev. 641.00 ft

Very Stiff to Hard, Gray, Brown and/or Black SILTY CLAY traces - sand, gravel and roots	2 5 6	4.1 B	13	614.00	3 5 15	4.1 B	16
Hard to Very Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel	1 4 5	3.5 B	14		7 10 15	9.9 B	11
(FILL) Black and Dark Gray TOPSOIL little - fines	3 3 6	2.0 P	25	632.00	4 9 9	6.6 B	12
Loose, Gray SILTY LOAM traces to little - sand and clay	1 2 1	-	24	631.00	8 9 12	4.5+ P	21
Loose to Medium Dense, Brown SANDY LOAM traces to little - silt and gravel	0 1 1	-	25	627.50	14 19 26	-	20
Hard to Very Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel	3 5 6	-	13	606.00	14 19 26	-	20
Very Stiff to Hard, Gray SILTY CLAY traces to little - sand and gravel	5 11 14	3.7 B	17	622.50	3 10 15	9.0 B	13
	2 3 4	2.0 B	15		4 11 15	7.4 B	11
	2 3 4	3.5 B	14		4 11 15	7.4 B	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 7/7/00

STRUCTURE NO. 016-0530 (EXISTING)
ROUTE FAP 305
SECTION 21K-R-1
COUNTY COOK

Boring No. B-19 D B L O W
Station 396+23.8 E L O P T W S Qu W
Offset 69.83ft. Rt. from PCL H S tsf Z

Elevation 591.00 ft

BORING COMPLETED AT 60.0 FEET

	8 11 16	8.6 B	11		8 9 12	4.5+ P	21
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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

BORING B-20

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
Date 7/7/00

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER
SECT. 21K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION WEST ABUTMENT, NORTH SIDE S. 24, TWP. T 42 N., RING. R 11 E

Boring No. B-20 D B L O W
Station 396+40.46 E L O P T W S Qu W
Offset 107.09ft. Lt. from PCL H S tsf Z

Surface Water Elev. N/A D B L O W
Groundwater Elev. 626.7 E L O P T W S Qu W
at Completion 628.7 H S tsf Z
after 24 Hrs. 630.7

Surface Elev. 634.24 ft

Dark Gray and Black TOPSOIL traces - fines, wood and roots	2 2 3	0.5 P	34	631.74	8 13 18	9.1 B	16
Loose, Gray SILTY LOAM traces to little - sand and clay	1 3 3	-	20	629.74	3 14 18	-	23
Loose, Brown SANDY LOAM little - silt	2 3 2	-	17	626.74	7 10 15	5.8 B	14
Stiff to Hard, Gray SILTY CLAY traces - sand and gravel	2 3 4	2.1 B	14	614.74	5 9 10	6.2 B	13
	2 3 4	1.9 B	16		7 9 14	5.2 B	16
	1 2 3	1.7 B	17		3 5 6	5.0 B	15
	2 6 10	4.5 B	15	614.74	5 9 10	6.2 B	13
Hard to Very Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel	4 13 15	7.0 S	11		4 14 15	4.3 B	13
	4 14 15	5.0 S	13		4 8 12	4.3 B	13

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 I
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