

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING B-4

BORING B-5

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 2
Date 8/16/00

ROUTE FAP 305 DESCRIPTION PALATINE/WILLOW ROAD OVER MILWAUKEE AVENUE
SECT. 211K-R-1 STRUCT. NO. 016-0529 (EXISTING) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION WEST PIER S. 24, TWP. T42N, RNG. R11E

Boring No. B-4	Station 391+14.59	Offset 36.94ft Lt. from PCL	Surface Elev. 640.05 ft	D E P T H	B L O W S	Qu tsf	W %	Surface Water Elev. N/A															
								Groundwater Elev. when drilling 625.1	at Completion 629.8	after 24 Hrs. 630.1													
Very Stiff, Gray and Black SILTY CLAY little to some - sand, gravel and crushed stones traces - organics																							
Loose, Brown Sand fill at 3.5 feet																							
(FILL) 634.05																							
Loose to Medium Dense, Brown Fine to Coarse SAND little to some - gravel																							
Very Stiff, Gray SILTY CLAY 630.05																							
Medium Dense, Gray Fine SAND traces to little - silt and gravel 629.05																							
Very Stiff, Gray SILTY LOAM little - clay traces - sand and gravel 626.55																							
Stiff to Hard, Gray SILTY CLAY traces - sand and gravel 622.55																							

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

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Date 8/16/00

STRUCTURE NO. 016-0529 (EXISTING)
ROUTE FAP 305
SECTION 211K-R-1
COUNTY COOK
Boring No. B-4
Station 391+14.59
Offset 36.94ft Lt. from PCL
Elevation 590.05 ft

Boring No. B-4	Station 391+14.59	Offset 36.94ft Lt. from PCL	Surface Elev. 590.05 ft	D E P T H	B L O W S	Qu tsf	W %
BORING COMPLETED AT 55.0 FEET							

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

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Date 8/16/00

ROUTE FAP 305 DESCRIPTION PALATINE/WILLOW ROAD OVER MILWAUKEE AVENUE
SECT. 211K-R-1 STRUCT. NO. 016-0529 (EXISTING) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION EAST PIER S. 24, TWP. T42N, RNG. R11E

Boring No. B-5	Station 392+50.46	Offset 39.20ft Rt. from PCL	Surface Elev. 640.40 ft	D E P T H	B L O W S	Qu tsf	W %	Surface Water Elev. N/A															
								Groundwater Elev. when drilling 604.4	at Completion 630.9	after 24 Hrs. 630.9													
Crushed Stones 639.40																							
Medium Dense, Brown and Gray Sand and Gravel little - clay																							
(FILL) 633.90																							
Very Stiff, Brown SILTY CLAY traces - sand and gravel																							
Medium Dense, Brown SAND little to some - gravel 631.90																							
Hard, Gray SILTY CLAY traces - sand and gravel 629.40																							
Fine SAND 628.00																							
Medium Dense, Gray SILTY LOAM traces to little - sand and clay 626.90																							
Stiff to Hard, Gray SILTY CLAY traces - sand and gravel 622.40																							

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	AJN
CHECKED	JAP
DRAWN	ABW
CHECKED	EL

BORING LOGS III
WILLOW ROAD OVER
MILWAUKEE AVENUE
(IL RTE. 21/U.S. 45)
F.A.P. RTE. 305
SECTION 2004-088B
COOK COUNTY
STA. 391+71.02 @ WILLOW RD.
STR. NO. 016-2786
EDWARDS AND KELCEY