

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING NO. ELM-5

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 12/7/00

ROUTE FAP-305 DESCRIPTION Palatine Road from west of IL 83 to IL 21
SECT. (1313.1.1415&1516)R STRUCT. NO. 016-1031 DRILLED BY TSC/L-49.791
COUNTY Cook LOCATION Route 83 Bridge S. 15., TWP. 42N., RNG. 11E

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	tsf	W	%	Surface Water Elev.	D	B	L	W	tsf	W	%
ELM-5	364+49	38.00ft LT	663.20															
End of Boring at 25.0'																		
FILL - Black and dark brown SILTY CLAY (topsoil), very moist																		
			660.20	7	P	8	2.0	23.4										
Very tough brown and gray CLAY, moist A-7-6																		
			657.70	4	B	6	2.7	21.6										
Stiff to tough brown SANDY LOAM, trace gravel, moist (A-4/A-6)																		
			650.20	9	B	50/6"	5.1	19.1										
Hard dark brown and gray CLAY LOAM, trace gravel, moist A-6																		
			645.20	8	B	25	5.2	17.5										
Very tough gray CLAY LOAM, trace gravel, moist A-6																		
			642.70	4	B	18	4.4	17.9										
Very tough dark gray CLAY, moist A-7-6																		
			645.20	8	B	12	3.0	19.2										
Dense gray SAND, trace gravel, moist A-1-b																		
			642.70	6	B	20	2.3	23.2										
Dense to very dense gray clayey SILT, trace sand, wet A-4																		
			638.20	8	B	20	2.6	18.2										

11/27/00 4:55:00 PM TSC/L-49.791

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

DESIGNED	MJW
CHECKED	GAT
DRAWN	MJW
CHECKED	GAT

BORING NO. ELM-7B (1 OF 2)

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date 2/1/01

ROUTE FAP-305 DESCRIPTION Palatine Road from west of IL 83 to IL 21
SECT. (1313.1.1415&1516)R STRUCT. NO. 016-1031 DRILLED BY TSC/L-49.791
COUNTY Cook LOCATION Route 83 Bridge S. 15., TWP. 42N., RNG. 11E

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	tsf	W	%	Surface Water Elev.	D	B	L	W	tsf	W	%
ELM-7B	365+55	40.00ft LT	663.50															
FILL - Black clayey TOPSOIL (CL)																		
			662.20	2	B	4	1.9	88.9										
FILL - Black and brown CLAY, trace organic, moist (A-7-6)																		
			660.50	6	B	6	15%	21.6										
Very tough brown and black CLAY LOAM, trace gravel, trace organic, moist A-6																		
			658.00	2	S	4	2.5	14.4										
Stiff to tough brown SANDY LOAM, trace gravel, moist (A-4/A-6)																		
			656.00	2	B	2	0.7	17.8										
Hard brown CLAY LOAM, trace gravel, moist A-6 (Op=4.5+ TSF)																		
			653.00	5	B	10	3.9	18.0										
Very tough gray CLAY LOAM, trace gravel, moist A-6																		
			648.00	6	B	8	3.1	18.0										
Very tough gray CLAY, occasional sand seams, moist A-6																		
			645.50	5	B	5	2.9	19.5										
Stiff to tough gray CLAY, trace gravel, very moist A-6																		
			641.50	5	P	6	1.0	19.1										
Firm gray SILT, very moist (A-4)																		
			640.50	8	B	10	1.0	19.7										
Loose gray SAND, very moist (A-1-b)																		
			639.50	4	B	9	2.6	17.9										
V. tgh. gr. silty CLAY, v. mst																		
			613.50	12	B	12	15%	17.9										

11/27/00 4:55:00 PM TSC/L-49.791

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BORING NO. ELM-7B (2 OF 2)

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 2 of 2
Date 2/1/01

STRUCTURE NO. 016-1031
ROUTE FAP-305
SECTION (1313.1.1415&1516)R
COUNTY Cook

Boring No.	Station	Offset	Surface Elev.	D	B	L	W	tsf	W	%
ELM-7B	365+55	40.00ft LT	613.50							
Very tough gray CLAY LOAM, trace gravel, moist A-6										
			608.50	5	B	8	3.8	14.6		
End of Boring at 55.0'										
Mobile B-61 on a 4x6 Truck (Rig #144) Mobile Automatic Hammer Hollow Stem Auger										

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SOIL BORING LOGS (4 of 5)
PALATINE ROAD OVER
IL. RT. 83 (ELMHURST ROAD)
F.A.P. RTE. 305 SECT. 1313.1 B
COOK COUNTY
STATION 363+77.17
STRUCTURE NO. 016-2812