

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BKBR-11

BKBR-12

Testing Service Corporation
STRUCTURE BORING LOG
Page 1 of 2
Date Started 9/7/04
Date Completed 9/7/04

ROUTE DESCRIPTION Dunham Rd. Path Under Stearns Rd.
SECT. STRUCT. NO. 045-3173 DRILLED BY TSC I-60,393
COUNTY Kane LOCATION E. of North End Underpass S. 1-SE 1/4, TWP. 40 N., RNG. 8 E.

Boring No.	Station	Offset	Surface Elev.	DEPTH	TESTS	DESCRIPTION	DEPTH	TESTS	DESCRIPTION
BKBR-11	38+48	46.00ft RT	743.05 ft	DEPTH	TESTS		DEPTH	TESTS	
				742.25		FILL - Black clayey Topsoil			
				740.05		FILL - Brown and black CLAY, moist A-6			
				737.55		Medium dense brown SAND and GRAVEL, moist A-1			
				735.05		Medium dense brown and gray SAND and GRAVEL, occasional Cobbles, saturated A-1-a			
				725.05		Medium dense GRAVEL, little sand, occasional Cobbles, saturated A-1-a			
				709.05		Very stiff gray CLAY, trace gravel, moist A-6			
				727.55		Medium stiff gray CLAY, very moist A-6			
				725.05		($Q_p = 0.75$ tsf)			
				695.05		Medium stiff to soft gray CLAY LOAM, trace gravel, very moist A-4			
				693.05		Very dense gray Cobbles and Boulders (rock fragments recovered), trace clay, saturated A-1-a			

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

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Boring No.	Station	Offset	Surface Elev.	DEPTH	TESTS	DESCRIPTION	DEPTH	TESTS	DESCRIPTION
BKBR-11	38+48	46.00ft RT	693.05 ft	DEPTH	TESTS		DEPTH	TESTS	
				1000'		Very dense SAND and GRAVEL with Cobbles and Boulders (rock fragments recovered), saturated A-1-a			
				683.55		Probable Dolomite Rock Surface (hard drilling)			
				686.55		Auger Refusal at 62.5'			
				62.5'		Mobile B-57 Arco ATV Rig (#159) CME Automatic Hammer Rotary Wash Drill			

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COUNTY Kane LOCATION E. of South End Underpass S. 1-SE 1/4, TWP. 40 N., RNG. 8 E.

Boring No.	Station	Offset	Surface Elev.	DEPTH	TESTS	DESCRIPTION	DEPTH	TESTS	DESCRIPTION
BKBR-12	37+27	44.00ft RT	745.51 ft	DEPTH	TESTS		DEPTH	TESTS	
				744.01		Black CLAY LOAM (topsoil), moist			
				742.51		Soft brown CLAY LOAM, trace organic, very moist A-4/A-6			
				741.01		Loose brown clayey SAND, very moist A-2-4			
				740.01		Soft brown CLAY LOAM, trace organic, very moist A-2			
				737.51		Medium dense brown clayey SAND and GRAVEL, very moist A-2-4			
				735.01		Dense brown SAND and GRAVEL, occasional Cobbles, damp A-1-a			
				732.51		Very stiff to stiff brown CLAY, moist A-6			
				727.51		Stiff gray CLAY, trace gravel, moist to very moist A-6			
				725.01		Stiff gray SILTY LOAM, trace gravel, very moist A-4			
				698.51		Medium dense gray SANDY LOAM, very moist A-2-4			
				696.51		Very stiff dark brown and black CLAY, moist A-6/A-7-6			
				693.51		Dense clayey SAND and GRAVEL, wet A-1-a			

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Boring No.	Station	Offset	Surface Elev.	DEPTH	TESTS	DESCRIPTION	DEPTH	TESTS	DESCRIPTION
BKBR-12	37+27	44.00ft RT	695.51 ft	DEPTH	TESTS		DEPTH	TESTS	
				693.51		Dense clayey SAND and GRAVEL, wet A-1-a			
				684.51		Probable Fractured Rock Surface, Hard Drilling			
				62.0'		Auger Refusal at 62.0'			
				62.0'		Mobile B-57 Arco ATV Rig (#159) CME Automatic Hammer 3.25" (83 mm) ID HSA			

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

Note:
1. Boring Locations off Mixed Used Path along Dunham
BKBR-11 Sta. 916+79, 46.00' Rt.
BKBR-12 Sta. 915+58, 44.00' Rt.

DESIGNED	AAY
CHECKED	AJK
DRAWN	VH
CHECKED	HMA/DMC

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450
Job # 3944

SOIL BORING LOGS
MULTI-USE PATH UNDER
IL 25/STEARNS ROAD
F.A.P. 360 - SEC. 06-00214-15-BR
KANE COUNTY
STATION 916+09.93
STRUCTURE NO. 045-3173

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3/30/2009