

ROUTE \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
SECT. \_\_\_\_\_ STRUCT. NO. 06-0921 DRILLED BY BP  
COUNTY Cook LOCATION 19th St./Mill Creek S. 22, TWP. 37, RNC. 02

Boring No.	Station	Offset	Surface Elev.	D	B	L	Qu	W	tsf	W	Z	Surface Water Elev.	D	B	L	Qu	W	tsf	W	Z
B-1	20+33	10.00 ft N of CL	635.00																	
9' Asphalt																				
10" Sand & Gravel																				
Med. dense to loose mixed clay, sand & organic sand FILL																				
627.00																				
Loose brown-gray-black SAND, wet																				
622.00																				
Loose brown-gray-black FIBROUS SILT																				
58.50																				
Med. dense light gray fine SAND																				
SAND & BOULDERS																				

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

STRUCTURE NO. 06-0921  
ROUTE \_\_\_\_\_  
SECTION \_\_\_\_\_  
COUNTY Cook

Boring No.	Station	Offset	Elevation	D	B	L	Qu	W	tsf	W	Z
B-1	20+33	10.00 ft N of CL	585.00								
Auger Refused 50 feet											
END OF BORING											
Please Note that B-1 was drilled by Foundation Engineering, Inc. and re-typed by TSC on 3/17/04.											

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

ROUTE 0R 213 DESCRIPTION 19th Street over Mill Creek  
SECT. 0102B-1 STRUCT. NO. 06-2831 DRILLED BY TSC/57.03  
COUNTY Cook LOCATION East Abutment S. 27, TWP. 37N, RNC. 02

Boring No.	Station	Offset	Surface Elev.	D	B	L	Qu	W	tsf	W	Z	Surface Water Elev.	D	B	L	Qu	W	tsf	W	Z
2	20+33	12.00 ft RT	635.00																	
3" Bituminous Concrete																				
4" Gravel and Sand Subbase																				
FILL - Brown CLAY LOAM, trace gravel, moist (sp-1.0 TSF)																				
A-6																				
FILL - Brown clayey SAND and GRAVEL, moist																				
A-2																				
Very tough brown CLAY, moist																				
A-6																				
Loose gray SANDY LOAM, very moist (A-2-4)																				
Firm gray medium to fine SAND, wet (A-1-b)																				
Firm gray fine SAND, trace silt, saturated																				
A-1-b																				
Very tough gray SILTY LOAM, moist																				
A-4																				
Firm gray medium to fine SAND, trace silt, saturated																				
A-1-b																				
Dense to very dense gray SAND and GRAVEL, occasional cobbles, saturated (A-1)																				
Weathered/fractured rock boulder zone (Hard Drilling) See Rock Core Description Next Page																				
Rock Core																				

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

STRUCTURE NO. 06-2831  
ROUTE 0R 213  
SECTION 0102B-1  
COUNTY Cook

Boring No.	Station	Offset	Elevation	D	B	L	Qu	W	tsf	W	Z
2	20+33	12.00 ft RT	585.00								
Brown and gray slightly weathered, medium spaced, hard DOLOMITE, occasional vertical joints											
Rec=100Z RDB-76Z											
Run=47.5-57.5'											
End of Rock Core at 57.5'											
Gas Push CP-750 on 4x6 International Truck (Rig #217) Rope and Coiled 3.25" (83 mm) ID HSA											

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Stations, Depths, Offset, and Elevations are in Feet