

PROJECT Balmoral Avenue Extension - Phase II, Rosemont, Illinois TSC Christopher B. Burke Engineering, Ltd., Rosemont, Illinois BORING DATE STARTED 10-9-02 DATE COMPLETED 10-9-02 J0B L-52,653 ELEVATIONS WATER LEVEL OBSERVATIONS ▼ WHILE DRILLING GROUND SURFACE 641.5 Dry to 10.0' END OF BORING 581.5 AT END OF BORING Rotary Wash ▼ 24 HOURS SAMPLE N WC Qu γ_{DRY} DEPTH ELEV. SOIL DESCRIPTIONS B WO. TYPE See Page 1 for Description Hard gray very slity CLAY, little to some sand and gravel, moist (CL-ML) SILTY CLAY LOAM $$\rm A-4$$ Very dense gray clayey SILT, trace sand, occasional sand seams, moist (ML) SILTY LOAM $$\rm A\textsc{-}4$ SS Hard gray silty CLAY, little sand and gravel, moist (CL) CLAY $\,$ A-6 $\,$ z Firm gray clayey SILT, little sand and gravel, moist (ML) SILTY LOAM \quad A-4 End of Boring at 60.0' Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. S = Shear Failure B = Bulge Failure at 15% Strain 70 — Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual. Page 2 of 2 DRILL RIG NO. 144

END OF BORING 580.0 AT END OF BORING Rotary Wash ▼ 24 HOURS Boring 17 was designated B-1 when originally drilled in December 2001. SAMPLE N WC Ou γDRY DEPTH ELEV. SOIL DESCRIPTIONS W NO. TYPE Black clayey TOPSOIL, moist (OL)
SILTY CLAY A-7-6
Very tough brown and gray silty CLAY, little sand, trace gravel, trace organic seams, moist 18.5 3.25• (CL) CLAY A-6/A-7-6 Stiff brown and gray very silty CLAY, little sand, trace gravel, moist (CL) CLAY LOAM A-4/A-6 SS 19.0 0.7 B 0.75* 634.5 Hard gray silty CLAY, little sand, trace gravel, moist (CL) 13 20.3 4.1 B 4.5+• CLAY A-6/A-7-6 632.0 20.6 2.2 B Very tough to tough gray silty CLAY, little sand, trace gravel, moist (CL) CLAY A-6/A-7-6 23.3 2.0 B Tough to very tough gray very silty CLAY, little sand, trace gravel, moist (CL) CLAY LOAM A-6 18.3 2.1 B Tough gray silty CLAY, trace sand, moist (CL) CLAY A-7-6 27.5 2.2 B 1.5• Very tough gray silty CLAY, little sand, trace silt seams, moist $\mbox{(CL)}$ 24.8 4.0 B 20.5 Loose gray clayey SILT, little sand, very moist (ML) SILTY LOAM A-4 $\,$ 21.8 0.8 B 23.0 Very tough gray silty CLAY, little to some sand, trace to little gravel, moist (CL) CLAY LOAM A-6 15.4 3.5 S e 15% Dense to very dense gray SILT, little sand, moist $\,$ (ML) SILT A-4 $\,$ 23.1 2.0 S @ 10% 33.0 16.4 2.9 S p 15% Firm gray SILT, little sand, moist (ML) SILT A-4 14.8 2.3 S @ 15% Hard gray very silty CLAY, little sand, trace gravel, occasional sand seams, moist (CL) CLAY LOAM A-6 13.8 2.9 S **e** 10% 4.5+•

PROJECT Balmoral Avenue Extension - Phase II, Rosemont, Illinois

ELEVATIONS

640.0

BORING

GROUND SURFACE

Christopher B. Burke Engineering, Ltd., Rosemont, Illinois

DATE STARTED _____12-11-01____

DATE COMPLETED

abla while drilling

BORING NO. 16 Station 76+02.25 Offset 33.27' LT

BORING NO. 16 Station 76+02.25 Offset 33.27' LT BORING NO. 17 Station 75+35.16 Offset 54.23' LT

THIS SHEET IS FOR INFORMATION ONLY

TSC

JOB L-52,653

WATER LEVEL OBSERVATIONS

Dry to 10.0'

12-11-01

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PLOT

USER NAME =	DESIGNED - MM	REVISED
	CHECKED - JMB	REVISED
PLOT SCALE =	DRAWN - PDR	REVISED
PLOT DATE =	CHECKED - MM	REVISED