

BORING NO. 3 Station 15+56.10 Offset 2.55' RT

PROJECT Balmoral Avenue Extension - Phase II, Rosemont, Illinois TSC Christopher B. Burke Engineering, Ltd., Rosemont, Illinois 7-19-02 BORING DATE STARTED 7-19-02 DATE COMPLETED JOB L-52,653 ELEVATIONS WATER LEVEL OBSERVATIONS 643.5 ▼ WHILE DRILLING GROUND SURFACE END OF BORING 623.5 Dry ▼ 24 HOURS SAMPLE Ou YDRY N WC DEPTH | ELEV. SOIL DESCRIPTIONS U NO. TYPE FILL - Black clayey TOPSOIL (OL)
SILTY CLAY A-7-6
FILL - Brown and gray slity CLAY, little sand
and gravel, trace organic, moist (CL) CLAY LOAM A-6 Very tough brown silty CLAY, trace sand, moist (CL/CH) CLAY A-7-6 25.7 2.3 B 638.0 22.3 2.4 B Very tough to hard brown silty CLAY, trace sand and gravel, moist (CL) CLAY $\,$ A-6 $\,$ 633.0 Very tough brown and gray silty CLAY, trace sand and gravel, moist (CL) CLAY $\,$ A-6 $\,$ 26.0 2.2 B 2.0• Very tough to tough gray silty CLAY, trace sand, moist (CL) CLAY $\,$ A-7-6 $\,$ End of Boring at 20.0' Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. B = Bulge Failure at 15% Strain S = Shear Failure 30 -DRILL RIG NO. 256

> BORING NO. 5 Station 16+31.10 Offset 2.56' RT

Balmoral Avenue Extension - Phase II, Rosemont, Illinois PROJECT TSC Christopher B. Burke Engineering, Ltd., Rosemont, Illinois 7-19-02 BORING DATE STARTED 7-19-02 DATE COMPLETED JOB L-52,653 ELEVATIONS WATER LEVEL OBSERVATIONS 643.5 $\overline{\mathbb{V}}$ WHILE DRILLING GROUND SURFACE 26.0 ' END OF BORING 613.5 AT END OF BORING 6.0 ▼ 24 HOURS SAMPLE N WC Ou YDRY DEPTH ELEV. SOIL DESCRIPTIONS W NO. TYPE FILL - Dark brown clayey TOPSOIL (OL)

SILTY CLAY A-7-6

FILL - Brown and gray slity CLAY, little sand and gravel, trace organic, moist (CL) dnd gravel, frace organic, moist (CL)

CLAY LOAM A-6

Tough to very tough brown and gray silty
CLAY, trace sand, trace organic, moist
(CL/CH) CLAY A-7-6 28.7 1.9 B 21.0 3.8 B 3.25• Very tough to hard brown silty CLAY, little sand and gravel, moist (CL) CLAY A-6 18.9 4.5+* Very tough gray silty CLAY, little sand and gravel, moist (CL) CLAY A-6 Tough to very tough gray very silty CLAY, some sand and gravel, moist (CL-ML) CLAY LOAM $\,$ A-6 $\,$ 11.4 1.8 B 3.5* Tough gray silty CLAY, little sand and gravel, moist to very moist (CL) CLAY $\,$ A-6 $\,$ 17.3 1.4 B 1.5* Firm gray silty SAND, moist (SM)
SANDY LOAM A-2-4
Very tough gray silty CLAY, trace sand, occasional silt seams, moist (CL) 21.5 622.0 620.5 CLAY A-7-6 \overline{V} Very tough to hard gray silty CLAY, little sand and gravel, occasional sand seams, moist (CL) CLAY $_{\rm A-6}$ Dense gray SILT, moist (ML) SILT A-4 End of Boring at 30.0' Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. B = Bulge Failure at 15% Strain S = Shear Failure

> BORING NO. 7 Station 17+06.10 Offset 2.57' RT

DRILL RIG NO. 256

CHRISTOPHER B. BURKE ENGINEERING, LTD.

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