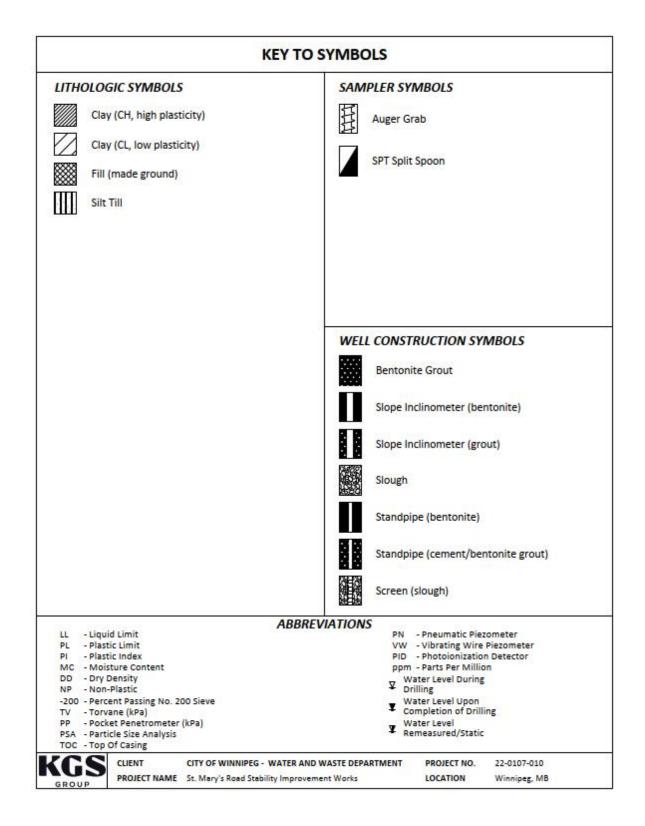
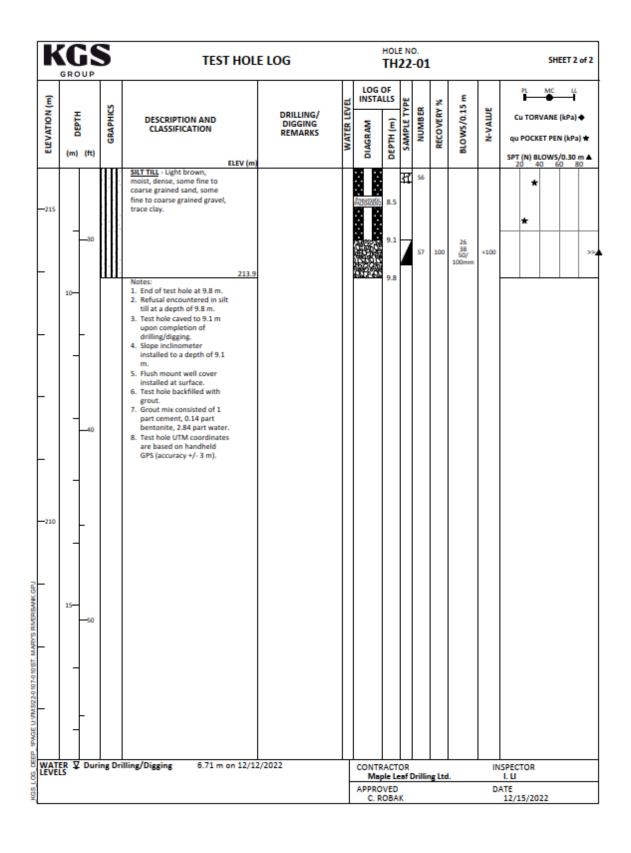
APPENDIX 'B'

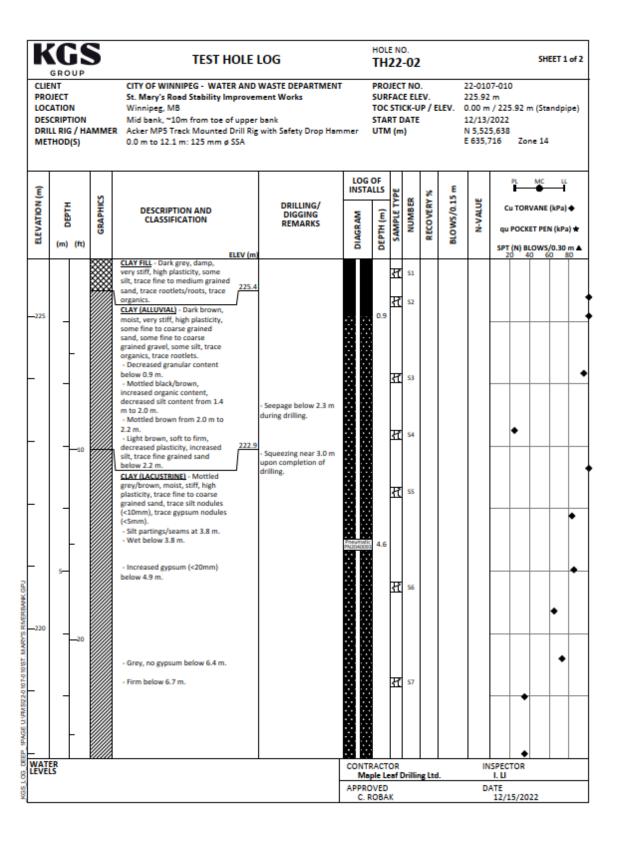
Test Hole Log

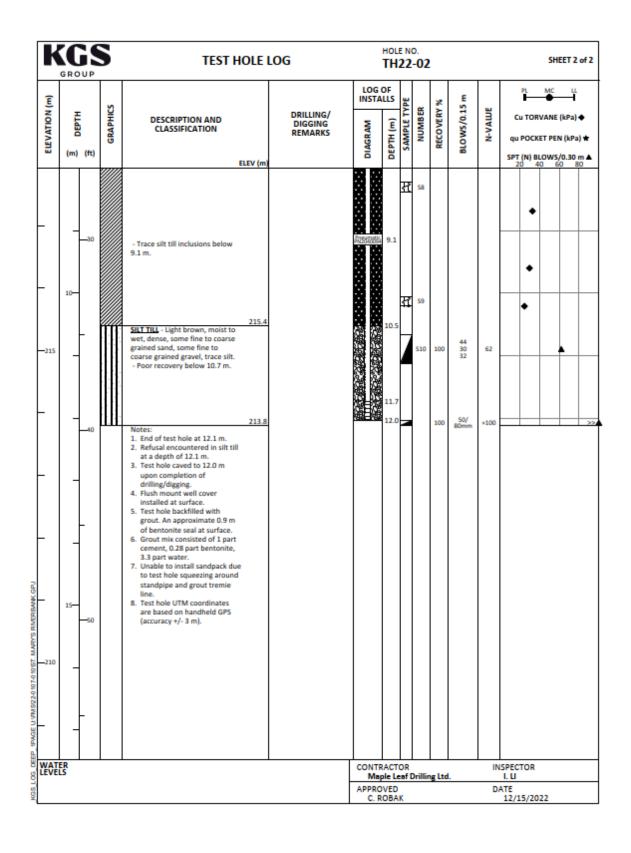
APPENDIX 'B' - TEST HOLE LOG

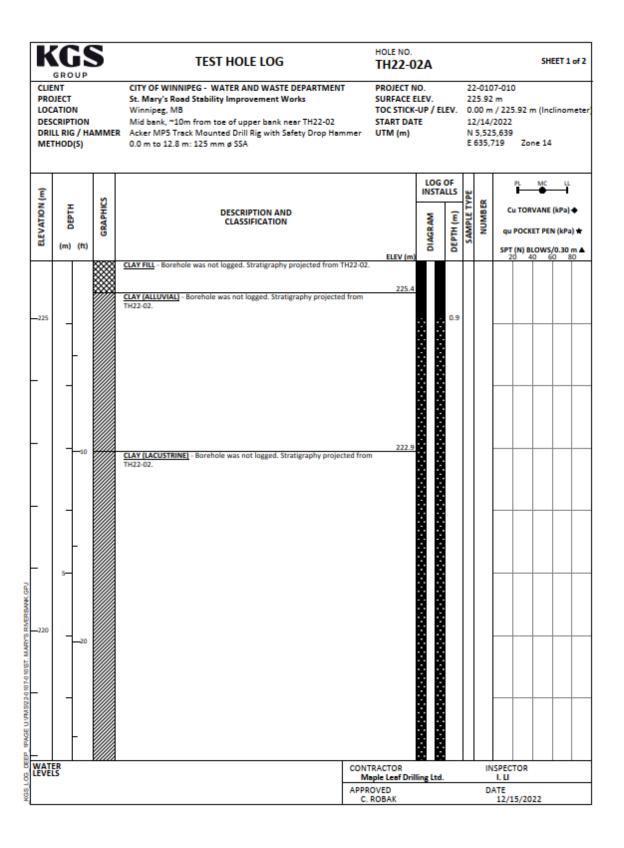


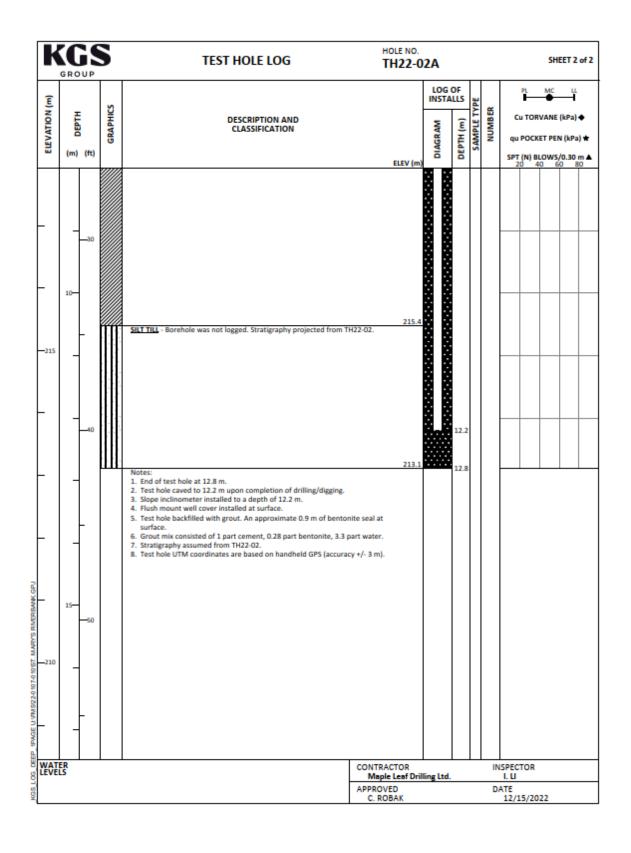
	GRO		5	TEST HOLE LOG				HOLE NO. TH22-01					SHEET 1 of 2				
CLIENT PROJECT LOCATION DESCRIPTION			AMMER	CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT St. Mary's Road Stability Improvement Works Winnipeg, MB Lower bank, ~2m south of existing concrete slab Acker MP5 Track Mounted Drill Rig with Safety Drop Hammer 0.0 m to 9.8 m: 125 mm ø SSA				PROJECT NO. SURFACE ELEV. TOC STICK-UP / ELEV. START DATE UTM (m)				22-0107-010 223.66 m 0.00 m / 223.66 m (Inclinometer) 12/12/2022 N 5,525,627 E 635,700 Zone 14				eter	
(m)	рертн		S	DESCRIPTION AND CLASSIFICATION	DRILLING/ DIGGING REMARKS	WATER LEVEL	LOG		YPE	88	% A3	15 m	F .	PL MC LL			
ELEVATION (m)			GRAPHICS				DIAGRAM	SAMPLE TYPE		NUMBER	RECOVERY %	3LOWS/0.15 m	N-VALUE		Cu TORVANE (kPa) ◆ qu POCKET PEN (kPa) ★		
•	(m)	(ft)		ELEV (m)		_	ā	ä			_	8		SPT (N) BLOWS	/ 0.30 m	•
_	-			CLAY (ALLUVIAL) - Dark grey, moist, firm, high plasticity, with fine to coarse grained sand, some fine to coarse grained gravel, trace silt, trace organics. CLAY (LACUSTRINE) - Mottled grey/brown, moist, stiff, high plasticity, trace fine to coarse grained sand, trace fine to			0000	0.9	抂	S1					•		
-	-	-		coarse grained gravel, trace silt, trace organics. - Decreased granular content, no organics, trace silt nodules/inclusions (<10mm), trace gypsum nodules (<2mm) below 1.8 m.					ĸ	52					- •		
220	_	 10					Presumati PNZO4009	4.0	ĸ	53					•	•	
-	5	-		- Colour changing to mostly grey, no gypsum below 4.5 m Occasional coarse grained gravel (<50mm) below 4.7 m Mottled grey/brown from 5.0 m to 5.6 m Firm below 5.5 m.	- Squeezing near 4.5 m during drilling.				杠	54					•	•	
_	-	_20		- Grey below 6.6 m.					Ħ	\$5					•		
ΓΙ				- Some silt till inclusions below 7.6 m. 215.7													
WATE	R ∇	Dur	ing Dril	lling/Digging 6.71 m on 12/1	2/2022	ή	CONT	RACT ple Le)rilli-	o +d		ı	NSPECTO I. LI	OR .		\dashv
							APPRO			er idillif	g cta			ATE 12/15/	/2022		\dashv











CLIENT PROJECT LOCATION DESCRIPTION DRILL RIG / HAMMER METHOD(S)				TEST HOLE LOG CITY OF WINNIPEG - WATER AND WASTE DEPARTMENT St. Mary's Road Stability Improvement Works Winnipeg, MB Mid bank, "5.5m from toe of upper bank R Acker MP5 Track Mounted Drill Rig with Safety Drop Hammer 0.0 m to 6.1 m: 125 mm ø SSA	P S S	PROJECT NO. SURFACE ELEV. START DATE START (m)	SHEET 1 of 1 22-0107-010 226.22 m 12/13/2022 N 5,525,625 E 635,727 Zone 14					
ELEVATION (m)	(E) DEPTH		GRAPHICS	DESCRIPTION AND CLASSIFICATION	/ (m)	DRILLING/ DIGGING REMARKS		NUMBER	PL MC LL Cu TORVANE (kPa) ◆ qu POCKET PEN (kPa) ★ SPT (N) BLOWS/0.30 m ▲ 20 40 60 80			
				CLAY (ALLUVIAL) - Light brown, moist, firm, low plasticity, with silt. 2 CLAY (LACUSTRINE) - Mottled grey/brown, moist, very stiff, high plasticity, trace silt nodules (<3mm), trace gypsum nodules (<10mm), trace organics Stiff below 1.8 m. - Increased silt inclusions (<10mm) below 2.6 m. - Trace fine to coarse grained gravel below 4.9 m. - Grey below 5.3 m.	24.8 24.7	- Squeezing near 1.5 m during drilling.			20 40 60 80			
WAT	ER S					ACTOR le Leaf Drilling Ltd.		IN	SPECTOR I. LI			
				APP	ROV			Di	ATE 12/15/2022			