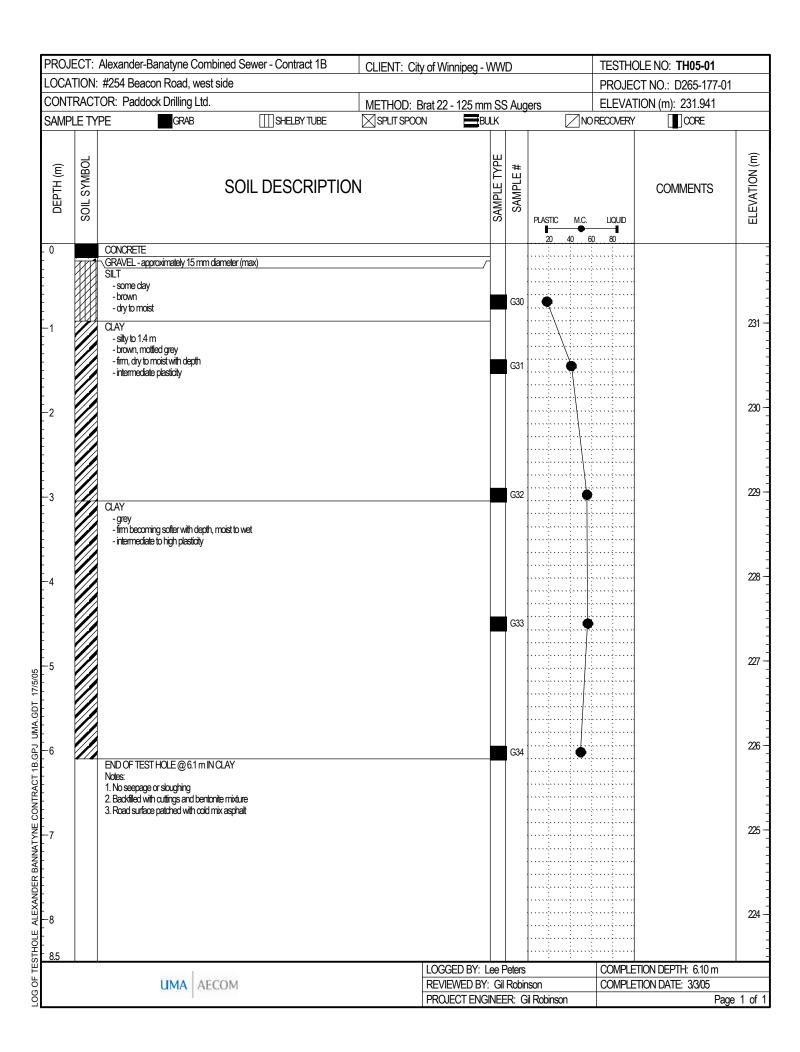
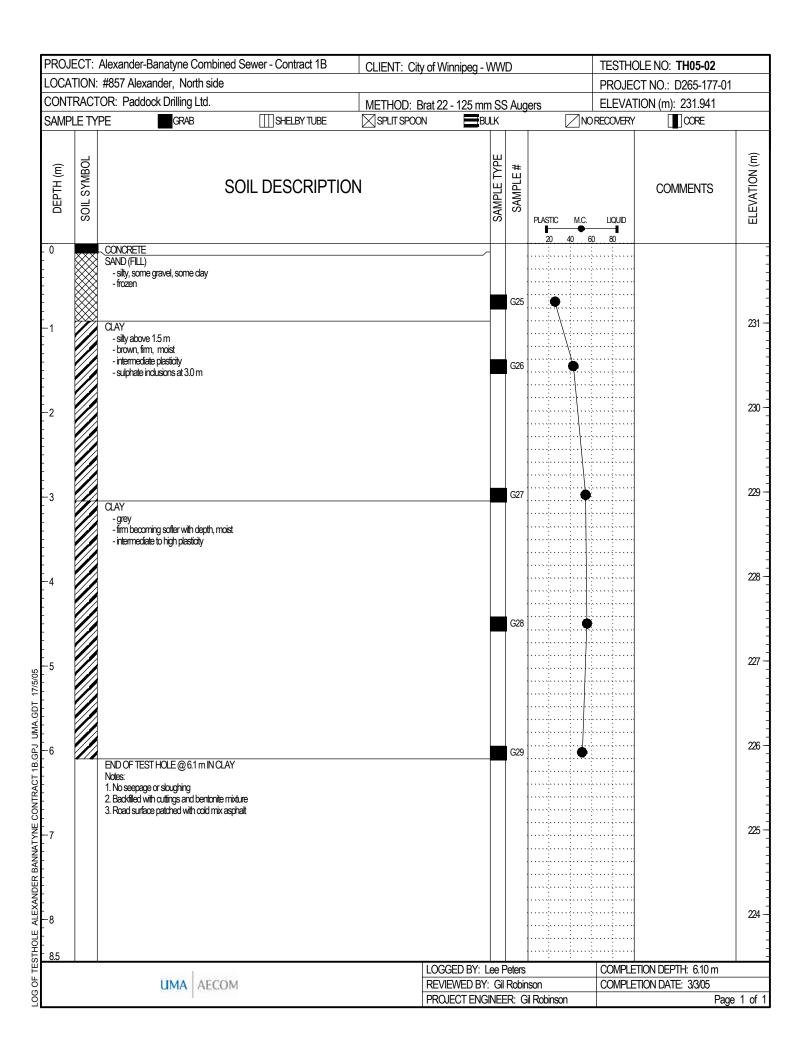
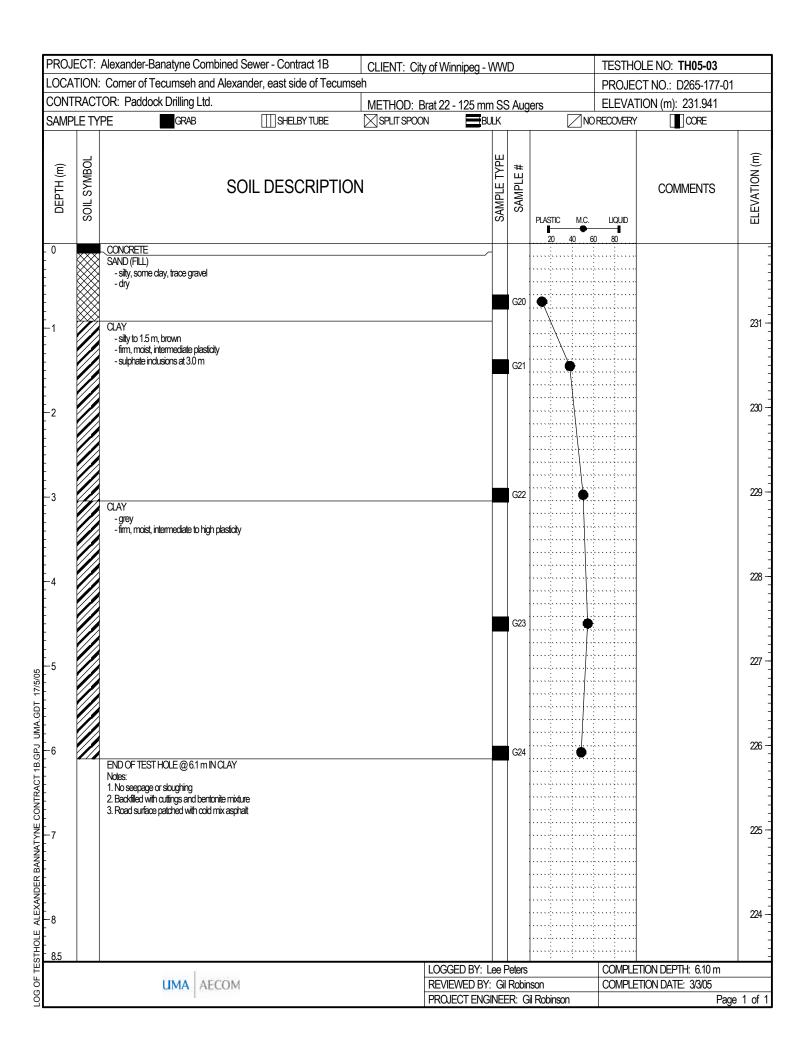
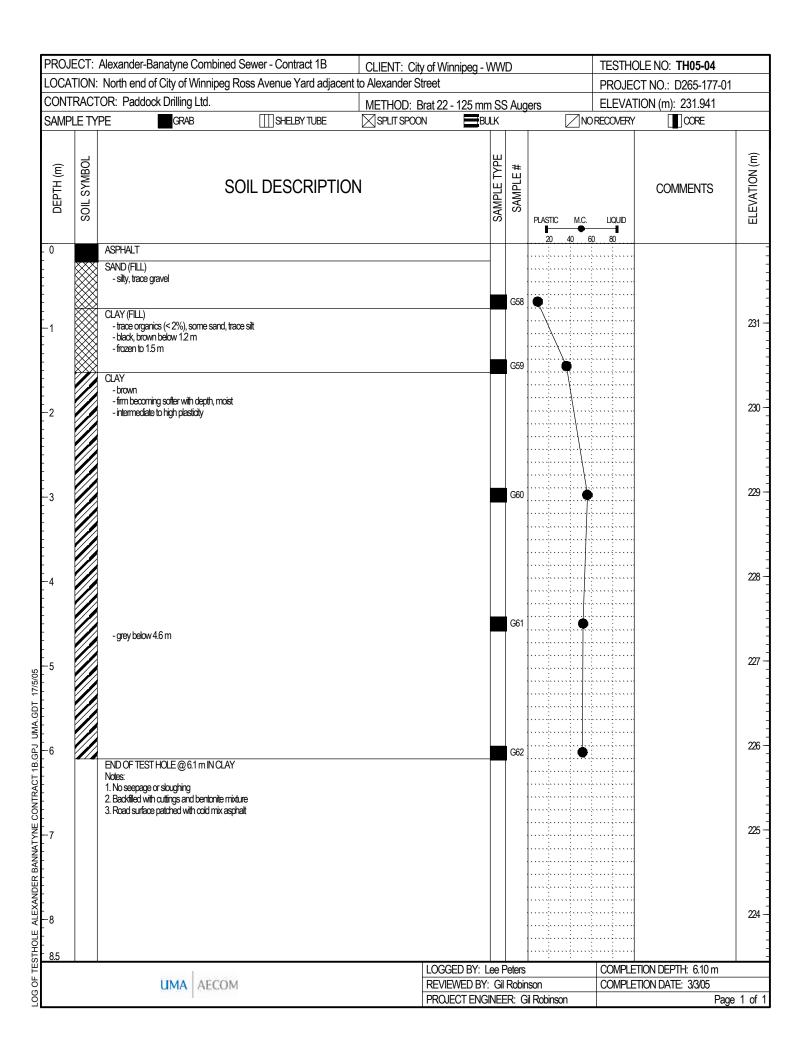
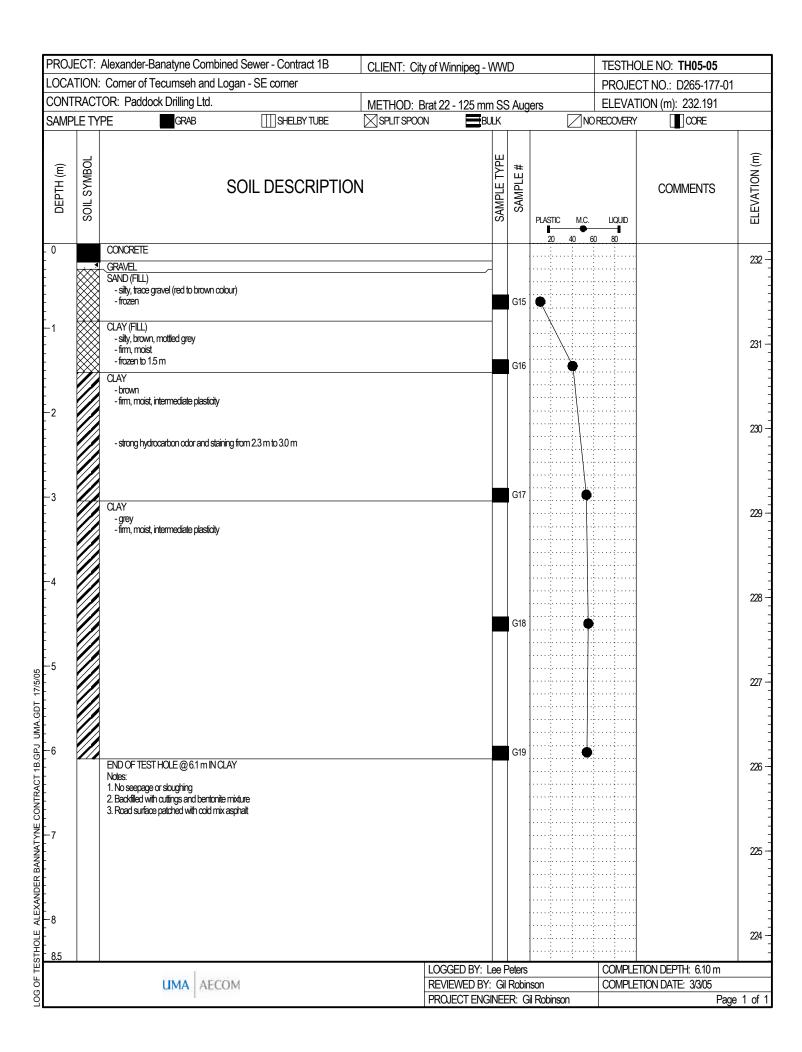
APPENDIX A TEST HOLE LOGS











ICOATRON #757 Teournesh	PROJECT: Alexander-Banatyne Combined Sewer - Contract 1B		CLIENT: City of Winnipeg - WWD				TESTHOLE NO: TH05-06			
SAMPLE TYPE GRAB GRAB SOIL DESCRIPTION SOIL DESCRIPTION COMMENTS COMENTS COMMENTS COMMENTS COMMENTS COMMENTS COMMENTS COMMENTS	LOCATION: #297 Tecumseh							PROJECT NO.: D265-177-01		
SOIL DESCRIPTION SOIL DESCRIPTION COMMENTS				n SS	SS Augers ELEVATION (m): 232.191					
SOIL DESCRIPTION SOIL DESCRIPTION CONCRETE GRAVIE SANO (FILL) - sity, some day - sity,	SAMPLE TYPE ■ GRAB SHELBY TUBE SPLIT SPOON ■ B			ULK	JLK NO RECOVERY CORE					
CONCRETE GRAVE SAND (FLL) - stly, some day - brown, dy, trozen CLAY (FLL) - stly, brown to grey with depth - dy to most, intermediate plasticity - frozen to 1.5 m CLAY - brown, motited grey - firm, most, intermediate plasticity - firm, most, intermediate b high plasticity - trace sulphate infusions from 3.0 m to 4.6 m G11 G12 G13	DEPTH (m) SOIL SYMBOL	SOIL DESCRIPTION	N	SAMPLE TYPE	SAMPLE#	⊢		COMMENTS	ELEVATION (m)	
SAND (FLL) -sily, some day -brown, dry, frozen CLAY (FLL) -sily, brown to grey with depth -dry to mask, intermediate plasticity -frozen to 1.5 m CLAY -brown motied grey -firm, most, intermediate plasticity -firm, most, intermediate plasticity -firm, most, intermediate brigh plasticity -trace sulphate infosions from 3.0 m to 4.6 m	- 0	CONCRETE							232 -	
- brown, moted grey - firm, motet, intermediate plasticity GLAY - grey - firm, motet, intermediate to high plasticity - trace sulphate influsions from 3.0 m to 4.6 m G13	-1 -1 -1	SAND (FILL) - sitly, some day - brown, dry, frozen CLAY (FILL) - sitly, brown to grey with depth - dry to moist, intermediate plasticity - frozen to 1.5 m			G11				231 —	
CLAY - grey - firm, moist, intermediate to high plasticity - trace sulphate inclusions from 3.0 m to 4.6 m	2	- brown, mottled grev							230 -	
	3				G12				229 - - - - - -	
END OF TEST HOLE @ 6.1 m INCLAY Notes: 1. No seepage or sloughing 2. Baddilled with outlings and bentonite moture 3. Road surface patched with outlink asphalt LOGGED BY: Lee Peters COMPLETION DEPTH: 6.10 m REVIEWED BY: GIR Robinson COMPLETION DATE: 33005	-4				G13				228 - - -	
END OF TEST HOLE @ 6.1 m IN CLAY Notes: 1. No seepage or stoughing 2. Backfilled with cuttings and bentonite mixture 3. Road surface patched with cold mix asphalt LOGGED BY: Lee Peters COMPLETION DEPTH: 6.10 m REVIEWED BY: Gil Robinson COMPLETION DATE: 33/05	5								227 - -	
LOGGED BY: Lee Peters COMPLETION DEPTH: 6.10 m REVIEWED BY: Gil Robinson COMPLETION DATE: 33005	6 	Notes: 1. No seepage or sloughing 2. Backfilled with outtings and bentonite mixture			G14				226 	
LOGGED BY: Lee Peters COMPLETION DEPTH: 6.10 m BEVIEWED BY: Gil Robinson COMPLETION DATE: 3/3/05	-7 -7 -1 -7 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1								225 -	
LOGGED BY: Lee Peters COMPLETION DEPTH: 6.10 m REVIEWED BY: Gil Robinson COMPLETION DATE: 3/3/05	8.5		<u>, </u>						-	
→ LIVIA FARTUUM FREVIEWED BY: GILKODINSON TUUWEE HUNDATE: 3/3/05		IDMA AFCOM								
DDO IECT ENCINIEED. Ci Dobinoon	ál.	UMA AECOM	PROJECT ENGINEER: Gil Robinson				COMPLETION DATE: 3/3/05 Page 1 of 1			

