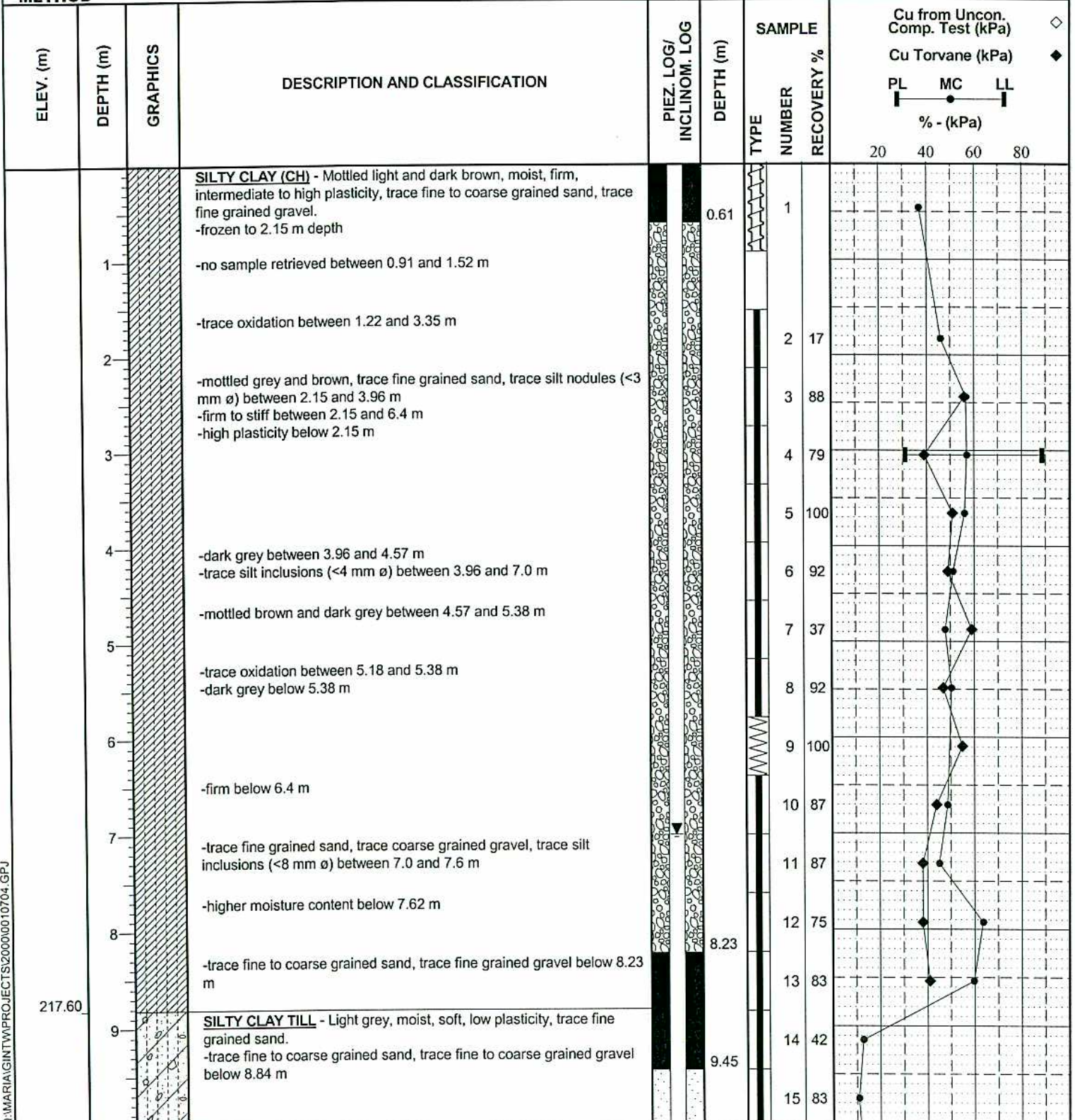


APPENDIX C

EXISTING TEST HOLE LOG INFORMATION

CLIENT	CITY OF WINNIPEG, WATER AND WASTE DEPARTMENT	JOB NO.	00-107-04
PROJECT	RIVERGATE DRIVE (RR-15) OUTFALL SLOPE STABILITY ASSESSMENT	GROUND ELEV.	226.41 m (geodetic)
SITE	1916 ST. MARY'S ROAD, WINNIPEG, MANITOBA	TOP OF PIPE ELEV.	226.50 m
LOCATION	Lower Bank, See Dwg. No. 00-107-04 01	WATER ELEV.	219.40 m, See Note 1
DRILLING METHOD	180 mm Diameter Hollow Stem Auger	DATE DRILLED	28/02/00



GENERAL FT. M. Q. MARIAGINTWPROJECTS\2000000\10704.GPJ

SAMPLE TYPE AUGER GRAB SPLIT BARREL SHELBY

CONTRACTOR **Paddock Drilling Ltd.** INSPECTOR **A. PROSKIN**

APPROVED *RKe* DATE 21/11/02

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	PIEZ. LOG/ INCLINOM. LOG	DEPTH (m)	SAMPLE		Cu from Uncon. Comp. Test (kPa) ◇				Cu Torvane (kPa) ◆		
						TYPE	NUMBER	RECOVERY %	PL	MC	LL	% - (kPa)		
216.36			SILT TILL - Tan, wet, loose, trace fine to coarse grained sand, trace fine grained gravel, with free water on sample surface.		10.06									
215.72			AUGER REFUSAL @ 10.69 m		10.67		16	37						
	11		Notes: 1. Water level measured at end of drilling and may not be static. 2. Installed 57 mm ID inclinometer SI-1, backfilled with sand from 10.69 m to 0.3 m depth and with bentonite from 0.3 m to ground surface. Casing flush mounted to grade. 3. Installed Casagrande stand pipe piezometer P-1 in hole drilled 2m Southeast of TH1, Tip Elevation 215.53 m. Pipe consists of Schedule 40 PVC 25 mm OD, with 0.3 m screen zone at bottom of pipe. Piezometer flush mounted to grade.		10.97									
	12													
	13													
	14													
	15													
	16													
	17													
	18													
	19													
	20													
	21													

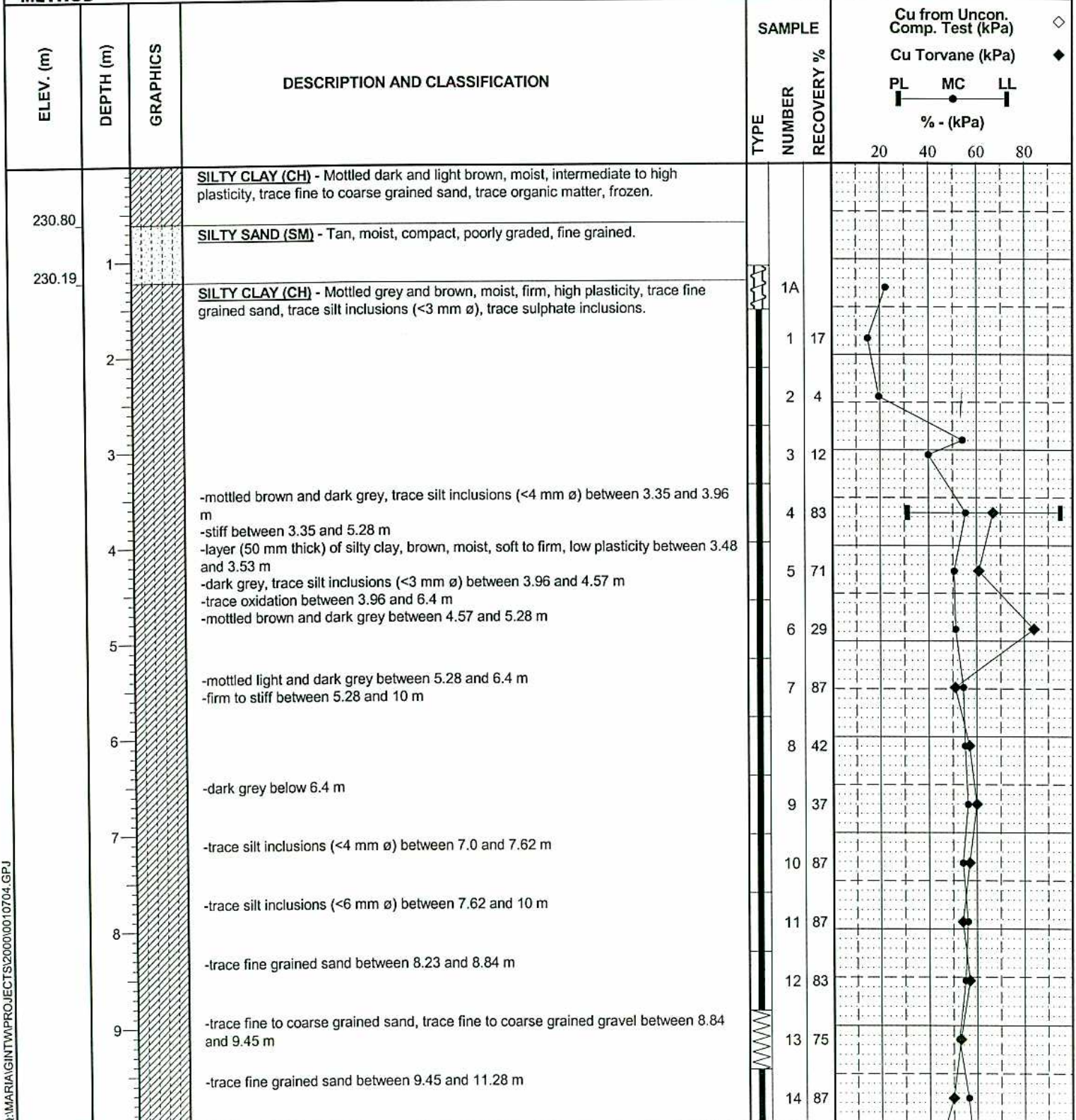
GENERAL FT. M. Q. MARIA/INTW/PROJECTS/2000/0010704.GPJ

SAMPLE TYPE AUGER GRAB SPLIT BARREL SKELBY

CONTRACTOR **Paddock Drilling Ltd.** INSPECTOR **A. PROSKIN**

APPROVED *RK* · DATE 21/11/02

CLIENT	CITY OF WINNIPEG, WATER AND WASTE DEPARTMENT	JOB NO.	00-107-04
PROJECT	RIVERGATE DRIVE (RR-15) OUTFALL SLOPE STABILITY ASSESSMENT	GROUND ELEV.	231.41 m (geodetic)
SITE	1916 ST. MARY'S ROAD, WINNIPEG, MANITOBA	TOP OF PIPE ELEV.	
LOCATION	Upper Bank, See Dwg. No. 00-107-04 01	WATER ELEV.	
DRILLING METHOD	180 mm Diameter Hollow Stem Auger	DATE DRILLED	28/02/00 29/02/00



GENERAL FT. M. Q. MARIA (INT) PROJECTS/20000010704.GPJ

SAMPLE TYPE AUGER GRAB SPLIT BARREL SHELBY

CONTRACTOR **Paddock Drilling Ltd.** INSPECTOR **A. PROSKIN**

APPROVED DATE **21/11/02**

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	TYPE	SAMPLE NUMBER	RECOVERY %	Cu from Uncon. Comp. Test (kPa) ◇			Cu Torvane (kPa) ◆						
							PL	MC	LL	PL	MC	LL				
							% - (kPa)									
							20	40	60	80						
			-firm, trace coarse grained gravel, trace silt inclusions (<3 mm ø) between 10 and 10.67 m		15	83										
			-firm to stiff, trace fine to coarse grained gravel between 10.67 and 11.89 m		16	87										
			-trace fine to coarse grained sand, trace silt nodules (<6 mm ø) below 11.28 m		17	75										
			-firm below 11.89 m		18	83										
			-trace fine grained gravel below 13.1 m		19	100										
			-Grain Size Distribution: 4% gravel, 4% sand, 18.5% silt, 73.5% clay at 13.4 m		20	75										
					21	67										
216.53	15		SILTY CLAY TILL - Tan, moist, soft, low plasticity, trace fine to coarse grained sand. -wet between 14.93 and 15.44 m -firm, trace fine grained gravel below 15.44 m		22	100										
215.56	16		AUGER REFUSAL @ 15.85 m		23	83										
	17		Notes: 1. Test hole remained open and dry at the completion of drilling with no sloughing. 2. Stratigraphy to 3.0 m depth based on test hole drilled 2 m East of TH2. Samples 1A and 2A taken from adjacent test hole.													
	18															
	19															
	20															
	21															

GENERAL FT M Q:MARIA\GINT\PROJECTS\2000\0010704.GPJ

SAMPLE TYPE AUGER GRAB SPLIT BARREL SHELBY

CONTRACTOR
Paddock Drilling Ltd.

INSPECTOR
A. PROSKIN

APPROVED DATE 21/11/02