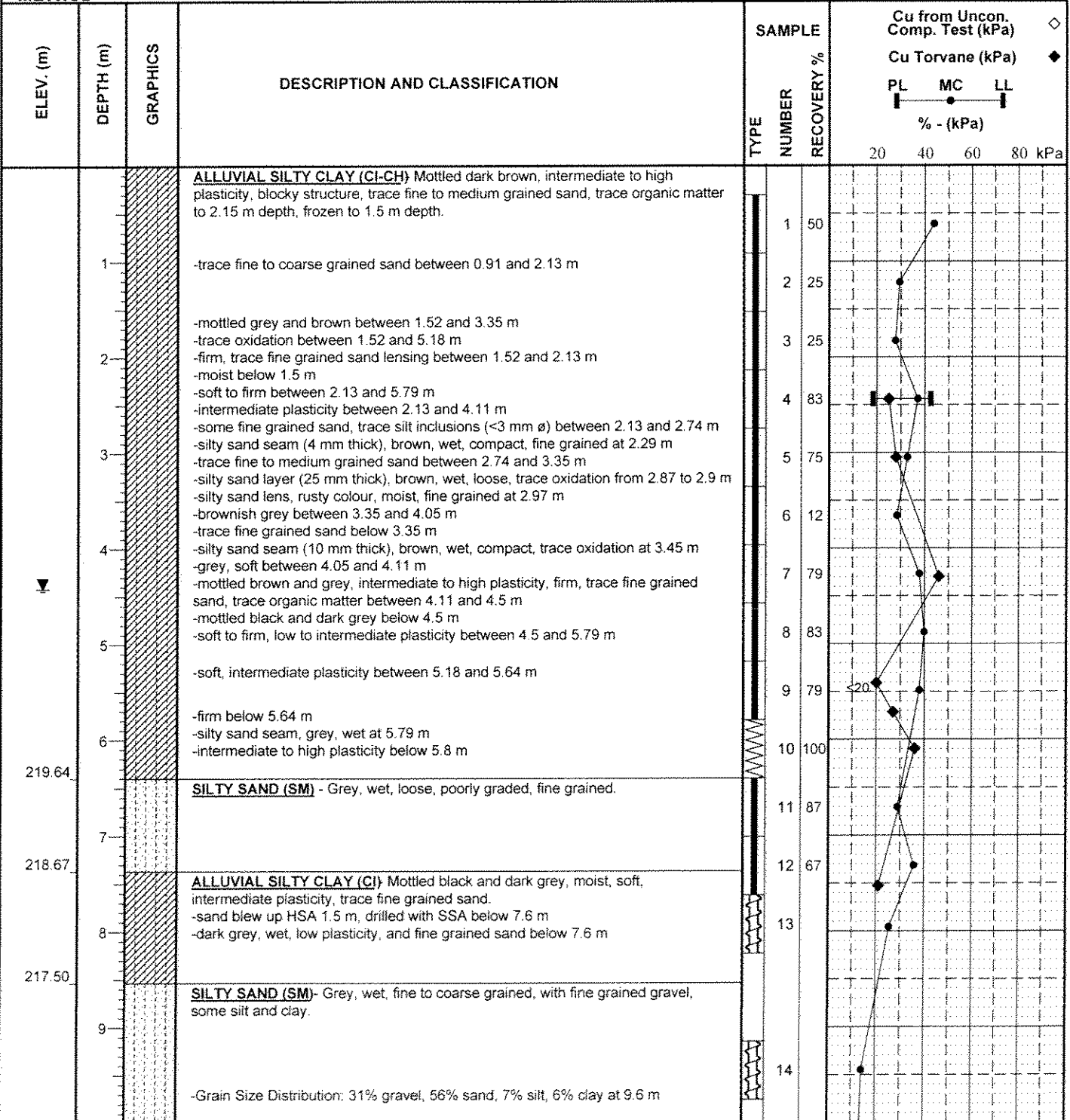


<b>CLIENT</b>	CITY OF WINNIPEG	<b>JOB NO.</b>	99-107-05
<b>PROJECT</b>	COMMUNITY RING DIKE PROJECT	<b>GROUND ELEV.</b>	226.04 m, Geodetic
<b>SITE</b>	SCOTIA STREET	<b>TOP OF PIPE ELEV.</b>	
<b>LOCATION</b>	Top of Bank, East of #211 Scotia Street, See Dwg. 99-107-05 32	<b>WATER ELEV.</b>	221.62 m (See Note 1)
<b>DRILLING METHOD</b>	180 mm Hollow Stem Auger to 7.6 m, 125 mm Solid Stem Auger below	<b>DATE DRILLED</b>	29-02-00
		<b>UTM</b>	N 5,532,152.5 E 635,565.7



SAMPLE TYPE Split Barrel Shelby Auger Grab

CONTRACTOR **Paddock Drilling Ltd.** INSPECTOR **A. PROSKIN** APPROVED \_\_\_\_\_ DATE **24-03-04**

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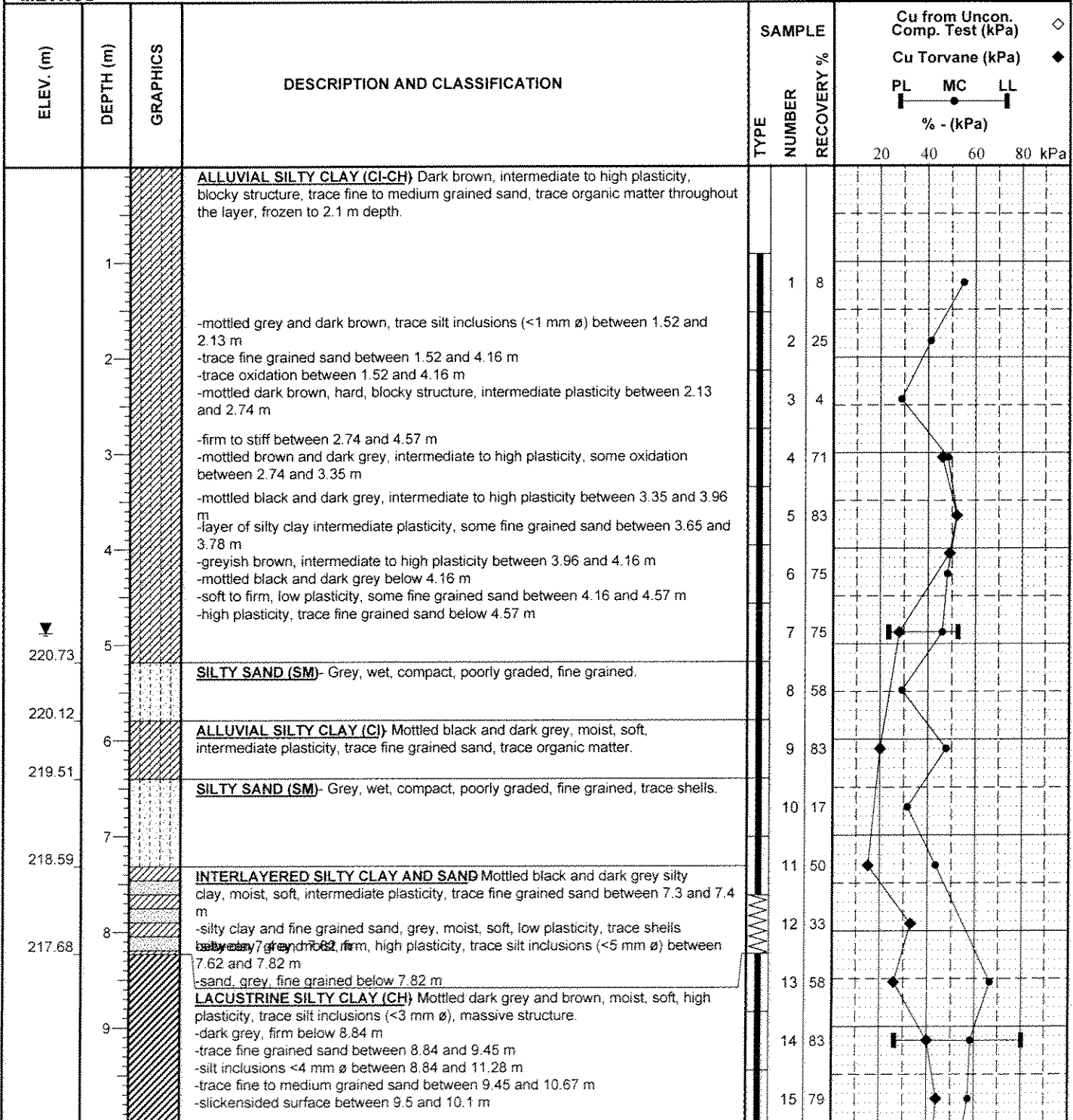
ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE		Cu from Uncon. Comp. Test (kPa) $\diamond$ Cu Torvane (kPa) $\blacklozenge$ PL    MC    LL % - (kPa) 20    40    60    80 kPa
				TYPE	RECOVERY %	
215.37	11		<b>SILTY CLAY TILL</b> - Tan, moist, soft to firm, low plasticity, trace fine to coarse grained sand, trace fine grained gravel.	15		
213.23	13		<b>AUGER REFUSAL @ 12.8 m</b>  Notes: 1. Water level measured at end of drilling and may not be static. Test hole caved in below 4.55 m depth. 2. Test hole backfilled with auger cuttings and bentonite plug at bottom and top.			
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					

SAMPLE TYPE Split Barrel    Shelby    Auger Grab

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

APPROVED \_\_\_\_\_ DATE **24-03-04**

<b>CLIENT</b>	CITY OF WINNIPEG	<b>JOB NO.</b>	99-107-05
<b>PROJECT</b>	COMMUNITY RING DIKE PROJECT	<b>GROUND ELEV.</b>	225.91 m, Geodetic
<b>SITE</b>	SCOTIA STREET	<b>TOP OF PIPE ELEV.</b>	
<b>LOCATION</b>	Top of Bank, East of #261 Scotia Street, See Dwg. 99-107-05 32	<b>WATER ELEV.</b>	221.03 m (See Note 1)
<b>DRILLING METHOD</b>	180 mm Hollow Stem Auger	<b>DATE DRILLED</b>	01-03-00
		<b>UTM</b>	N 5,532,515.5 E 635,528.0



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SAMPLE TYPE Split Barrel Shelby Split Spoon

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

APPROVED \_\_\_\_\_ DATE **24-03-04**

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	TYPE	SAMPLE NUMBER	RECOVERY %	Cu from Uncon. Comp. Test (kPa) ◇			Cu Torvane (kPa) ◆
							PL	MC	LL	% - (kPa)
			-trace coarse grained gravel, one slickenside surface at 0° from horizontal between 10.06 and 10.67 m		16	83				
	11		-trace fine grained gravel, one slickenside surface between 10.67 and 11.28 m -trace fine to coarse grained sand below 10.67 m		17	83				
	12		-trace silt inclusions <10 mm ø below 11.28 m -3 partial slickensides at 45° from horizontal between 11.3 and 11.9 m -1 partial slickenside at 0° from horizontal between 11.9 and 12.5 m		18	83				
	13		-trace fine grained gravel between 12.5 and 13.1 m		19	100				
	14		-trace coarse grained gravel below 13.1 m		20	17				
212.19			<b>CLAYEY SILT TILL</b> - Tan, moist, soft to firm, low plasticity, trace fine to coarse grained sand, trace fine to coarse grained gravel.		21					
	15		-soft, trace fine grained gravel below 14.17 m -SPT count per 0.15 m: 5/6/4/6 between 14.17 and 14.78 m		22	17				
209.14			<b>AUGER REFUSAL @ 16.76 m</b>		23	83				
	17		Notes: 1. Water level measured at end of drilling and may not be static. 2. Test hole caved in below 5.8 m depth.							
	18									
	19									
	20									
	21									

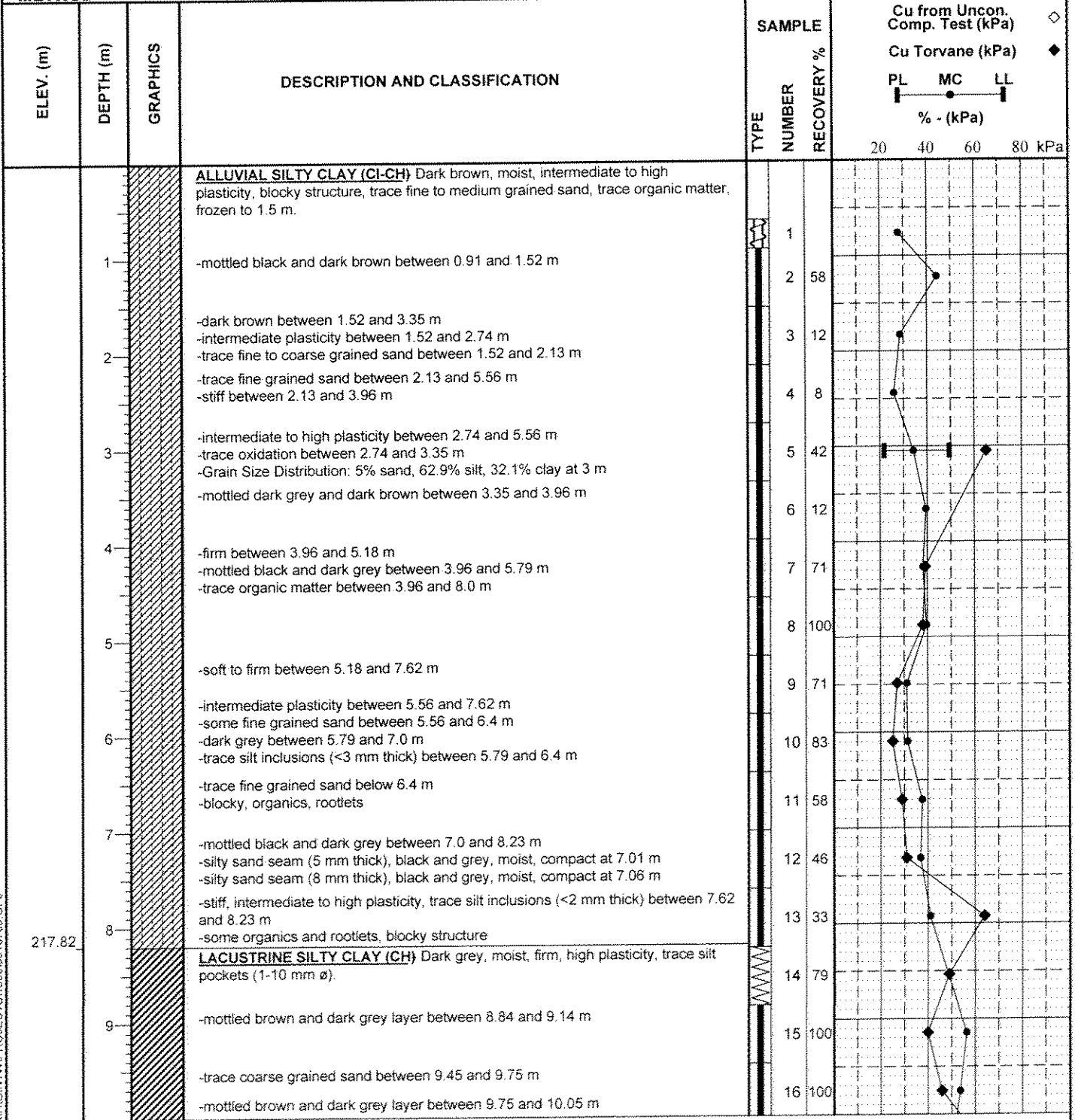
SAMPLE TYPE  Split Barrel  Shelby  Split Spoon

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

APPROVED \_\_\_\_\_ DATE **24-03-04**

**CLIENT** CITY OF WINNIPEG  
**PROJECT** COMMUNITY RING DIKE PROJECT  
**SITE** SCOTIA STREET  
**LOCATION** Top of Bank, East of #307 Scotia Street, See Dwg. 99-107-05 32  
**DRILLING METHOD** 180 mm Hollow Stem Auger

**JOB NO.** 99-107-05  
**GROUND ELEV.** 226.02 m, Geodetic  
**TOP OF PIPE ELEV.**  
**WATER ELEV.** -226.02  
**DATE DRILLED** 29-02-00  
**UTM** N 5,532,847.0  
 E 635,443.5



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SAMPLE TYPE [Auger] Auger Grab [Split Barrel] Split Barrel [Shelby] Shelby  
 CONTRACTOR **Paddock Drilling Ltd.** INSPECTOR **A. PROSKIN** APPROVED \_\_\_\_\_ DATE **24-03-04**

ELEV. (m)	DEPTH (m)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	SAMPLE TYPE	NUMBER	RECOVERY %	Cu from Uncon. Comp. Test (kPa) <span style="float:right">◇</span>			Cu Torvane (kPa) <span style="float:right">◆</span>				
							PL	MC	LL	PL	MC	LL		
							% - (kPa)							
							20	40	60	80	kPa			
			-stiff between 10 and 10.6 m		17	100								
	11		-trace fine to coarse grained sand between 10.67 and 13.1 m -trace fine grained gravel between 10.67 and 12.5 m -1 partial slickensided surface between 11.2 and 11.8 m		18	79								
	12		-trace silt inclusions (<6 mm ø) between 11.89 and 13.1 m -firm below 11.89 m -2 partial slickensides between 11.8 and 12.4 m -4 slickensided surfaces at 0° from horizontal between 12.4 and 13.2 m		19	83								
	13		-trace fine to coarse grained gravel, trace silt inclusions (<3 mm ø) below 13.1 m		20	100								
212.32	14		<b>SILT TILL</b> - Tan, moist, soft to firm, non plastic to low plasticity, some clay, trace fine to coarse grained sand. -trace fine grained gravel below 13.72 m		21	100								
211.69	14		<b>AUGER REFUSAL @ 14.32 m</b>		22	100								
	15		Note: 1. No water infiltration observed in test hole at end of drilling.		23	25								
	16													
	17													
	18													
	19													
	20													
	21													

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