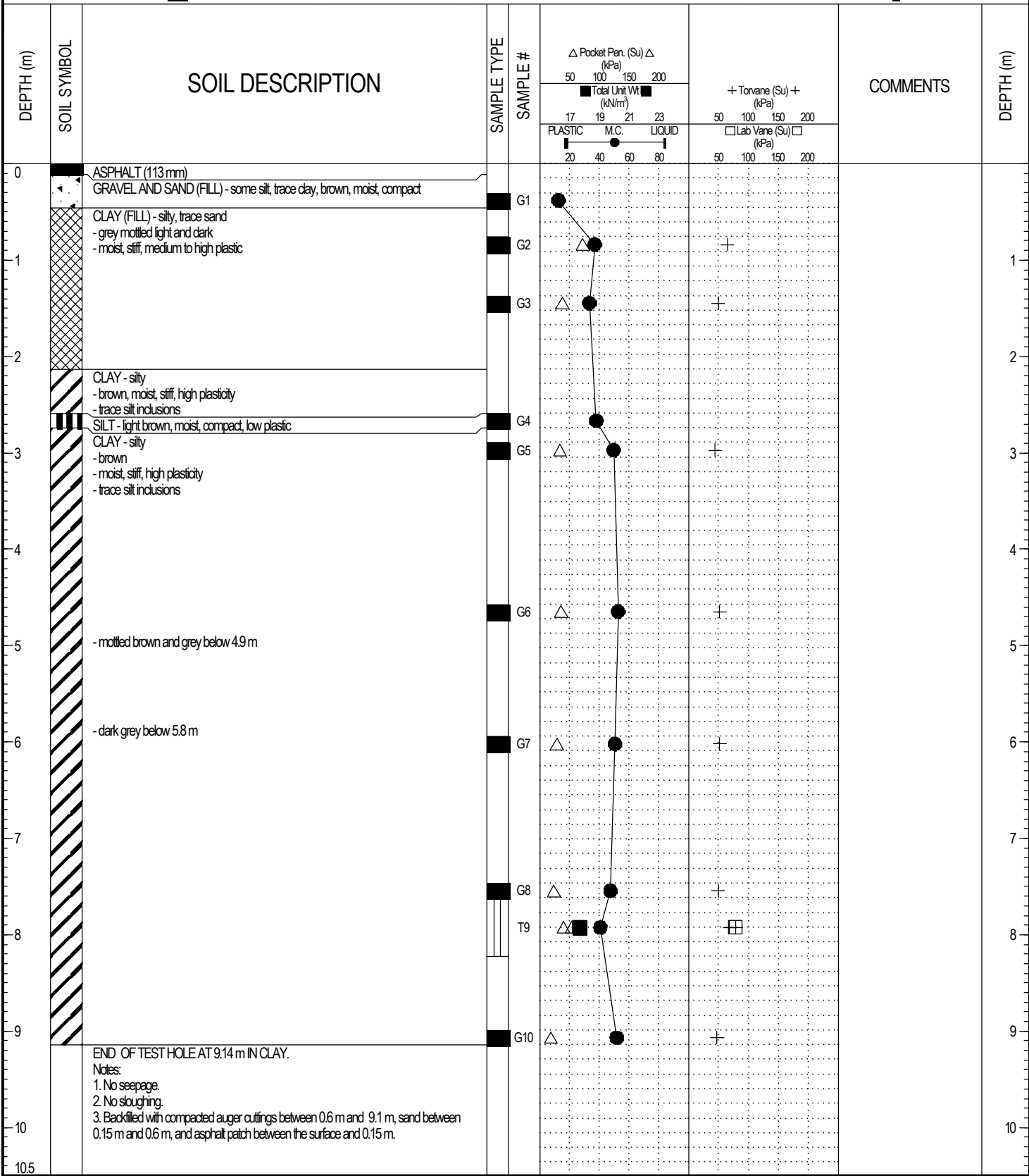


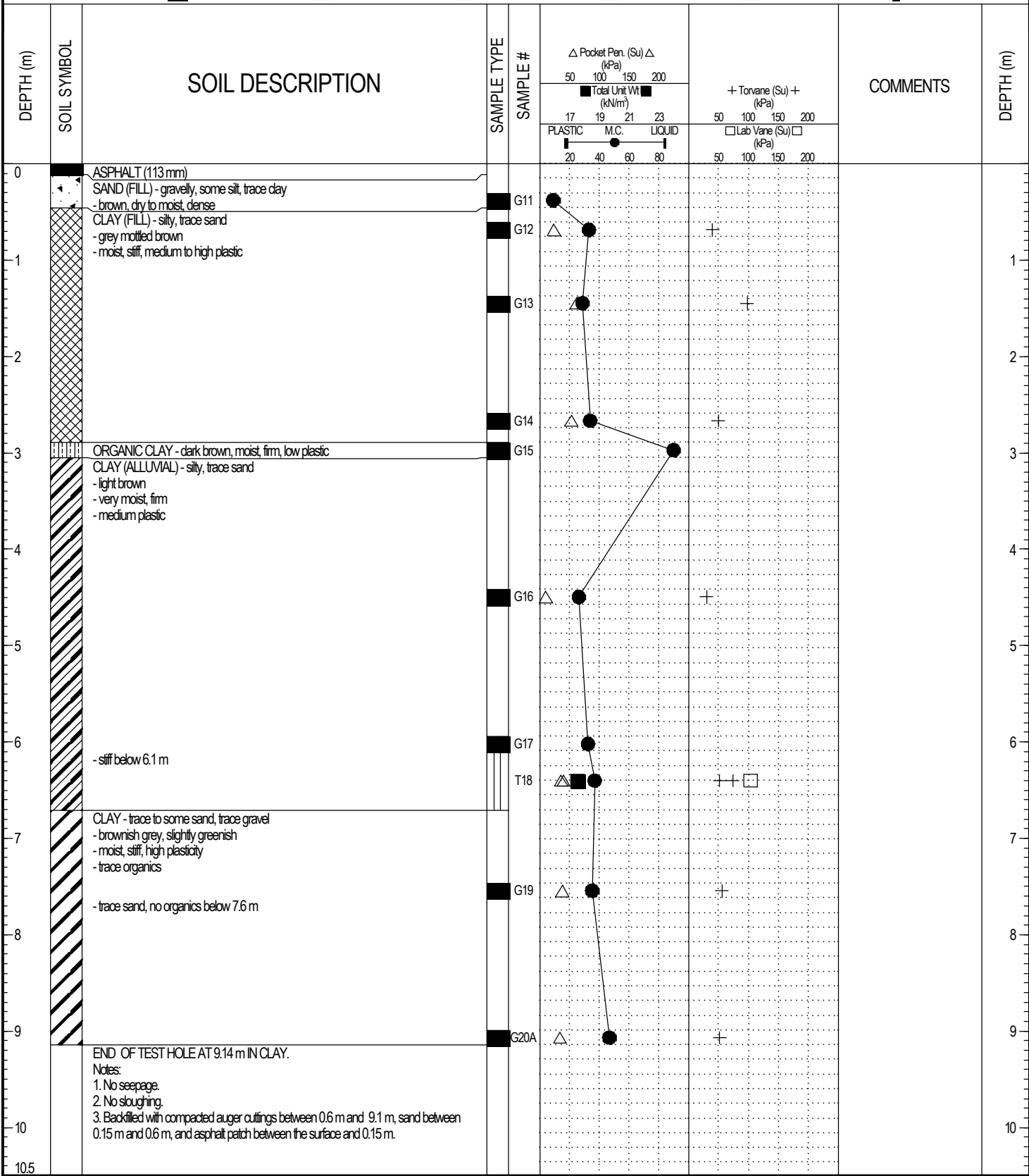
PROJECT: CSO Abatement and 290 Waterfront Drive	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-01
LOCATION: South Side of Bannatyne, East of Rorie St.		PROJECT NO.: D265-177-00-07
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> BULK <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE	



LOG OF TESTHOLE CSO ABATEMENT.GPJ UMA.GDT 9/8/05

END OF TEST HOLE AT 9.14 m IN CLAY.
Notes:
1. No seepage.
2. No sloughing.
3. Backfilled with compacted auger cuttings between 0.6 m and 9.1 m, sand between 0.15 m and 0.6 m, and asphalt patch between the surface and 0.15 m.

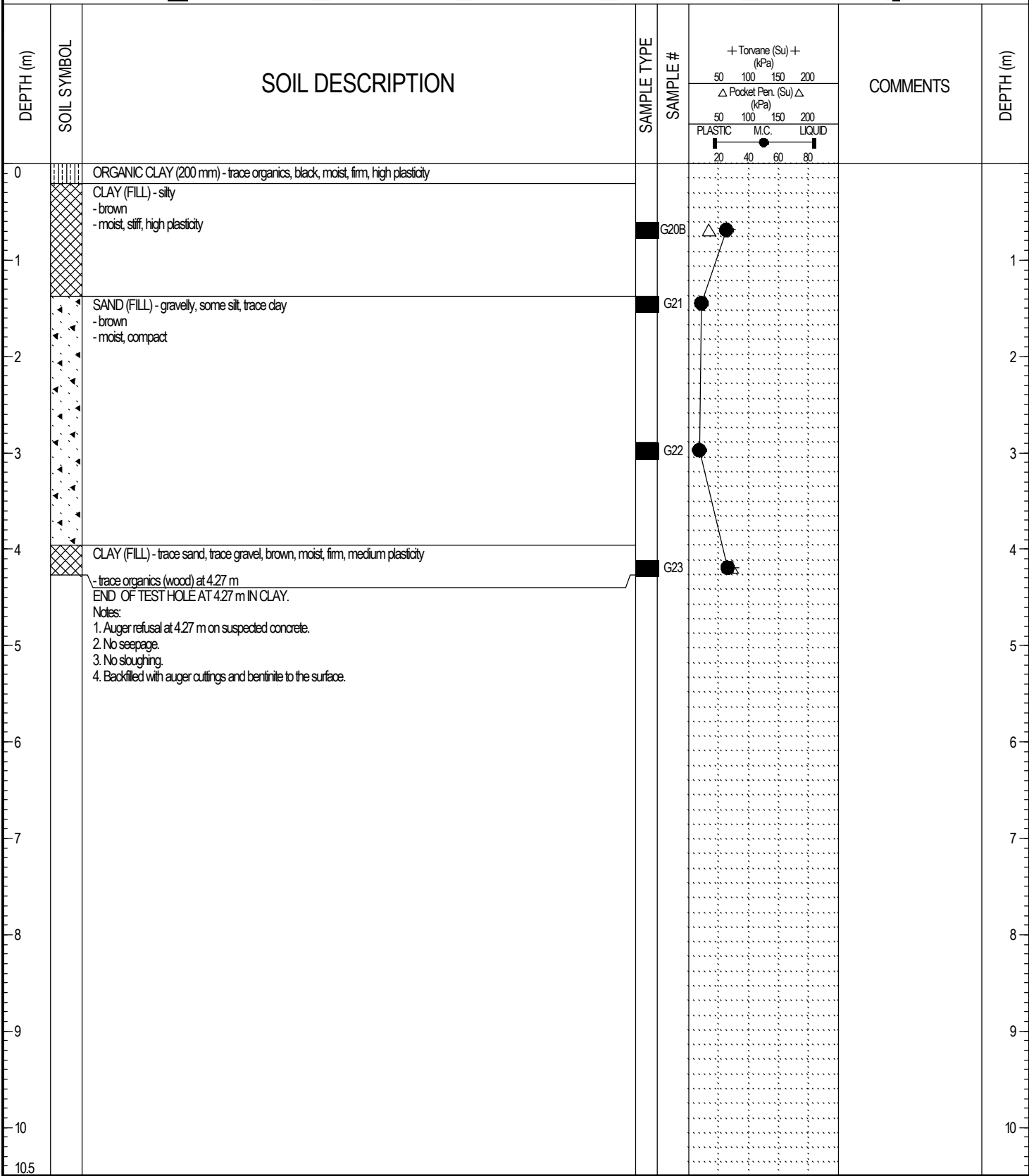
PROJECT: CSO Abatement and 290 Waterfront Drive	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-02
LOCATION: South Side of Bannatyne, West of Ship St.		PROJECT NO.: D265-177-00-07
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input checked="" type="checkbox"/> BULK <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE	



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- Notes:
1. No seepage.
 2. No sloughing.
 3. Backfilled with compacted auger cuttings between 0.6 m and 9.1 m, sand between 0.15 m and 0.6 m, and asphalt patch between the surface and 0.15 m.

PROJECT: CSO Abatement and 290 Waterfront Drive	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-03
LOCATION: South Side of Bannatyne, East of Ship St.		PROJECT NO.: D265-177-00-07
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input checked="" type="checkbox"/> BULK <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE	



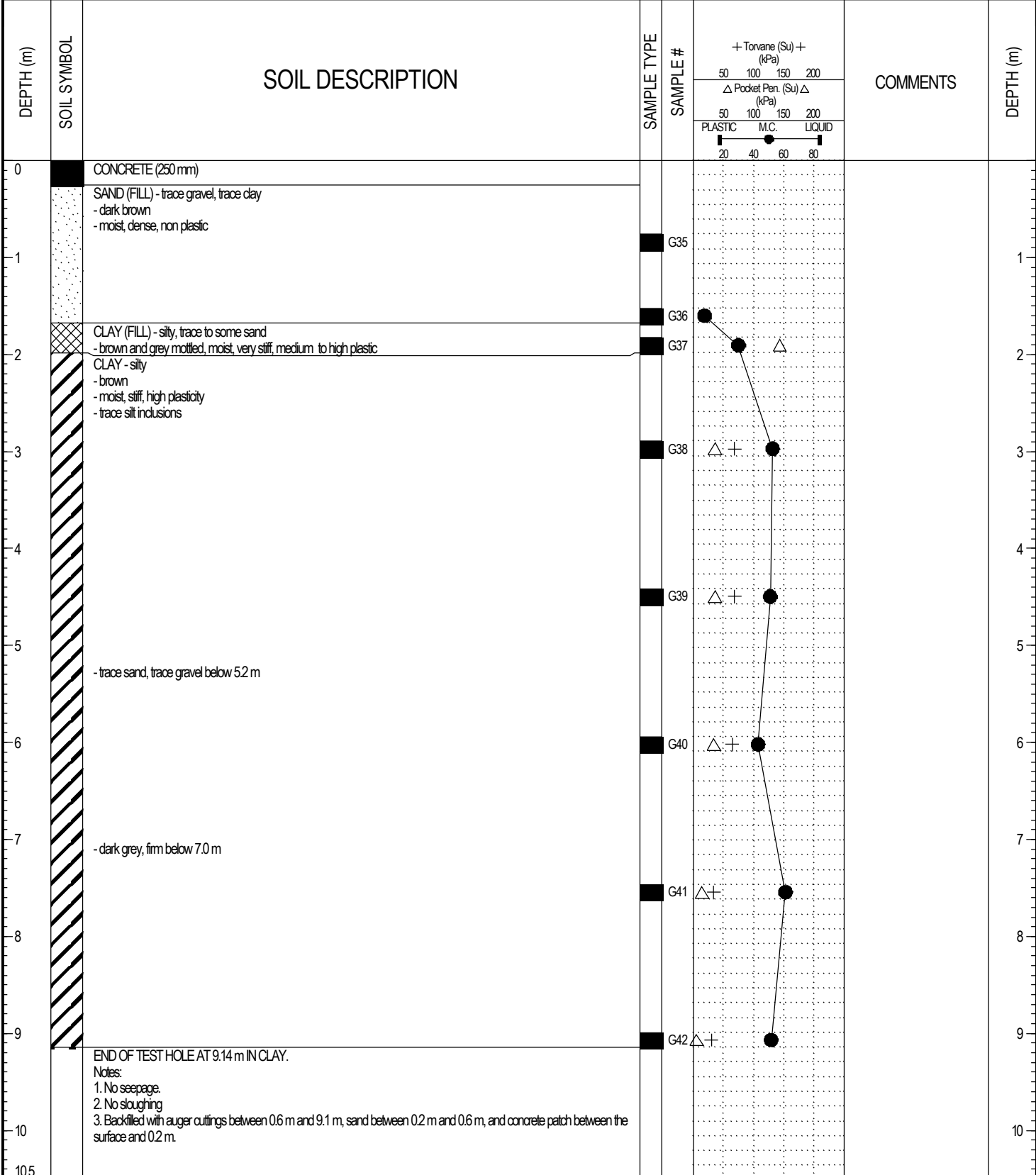
LOG OF TESTHOLE CSO ABATEMENT.GPJ UMA.GDT 9/8/05

PROJECT: Alexander/Bannatyne Combined Sewer Relief	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-04
LOCATION: North Side of Street, 602 Ross Avenue		PROJECT NO.: D265-177-02-01
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> BULK <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE	

DEPTH (m)	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE #	+ Torvane (Su) + (kPa)				COMMENTS	DEPTH (m)
					50	100	150	200		
					Δ Pocket Pen. (Su) Δ (kPa)					
					50	100	150	200		
0		ORGANIC CLAY AND CINDERS (300 mm) - sandy - black, moist, firm, medium plastic		G24						0
0		SILT - some clay - light brown - moist, loose, low plastic		G25						0
1				G26						1
2		CLAY - silty - brown - moist, stiff, high plasticity		G27			Δ +			2
3				G28			Δ +			3
4				G29			Δ +			4
5		- dark grey below 4.7 m								5
6		- firm below 5.3 m		G30			Δ +			6
7										7
8				G31			Δ +			8
9				G32			Δ +			9
10		END OF TEST HOLE AT 9.14 m IN CLAY. Notes: 1. No seepage. 2. No sloughing 3. Backfilled with auger cuttings.								10
10.5										10.5

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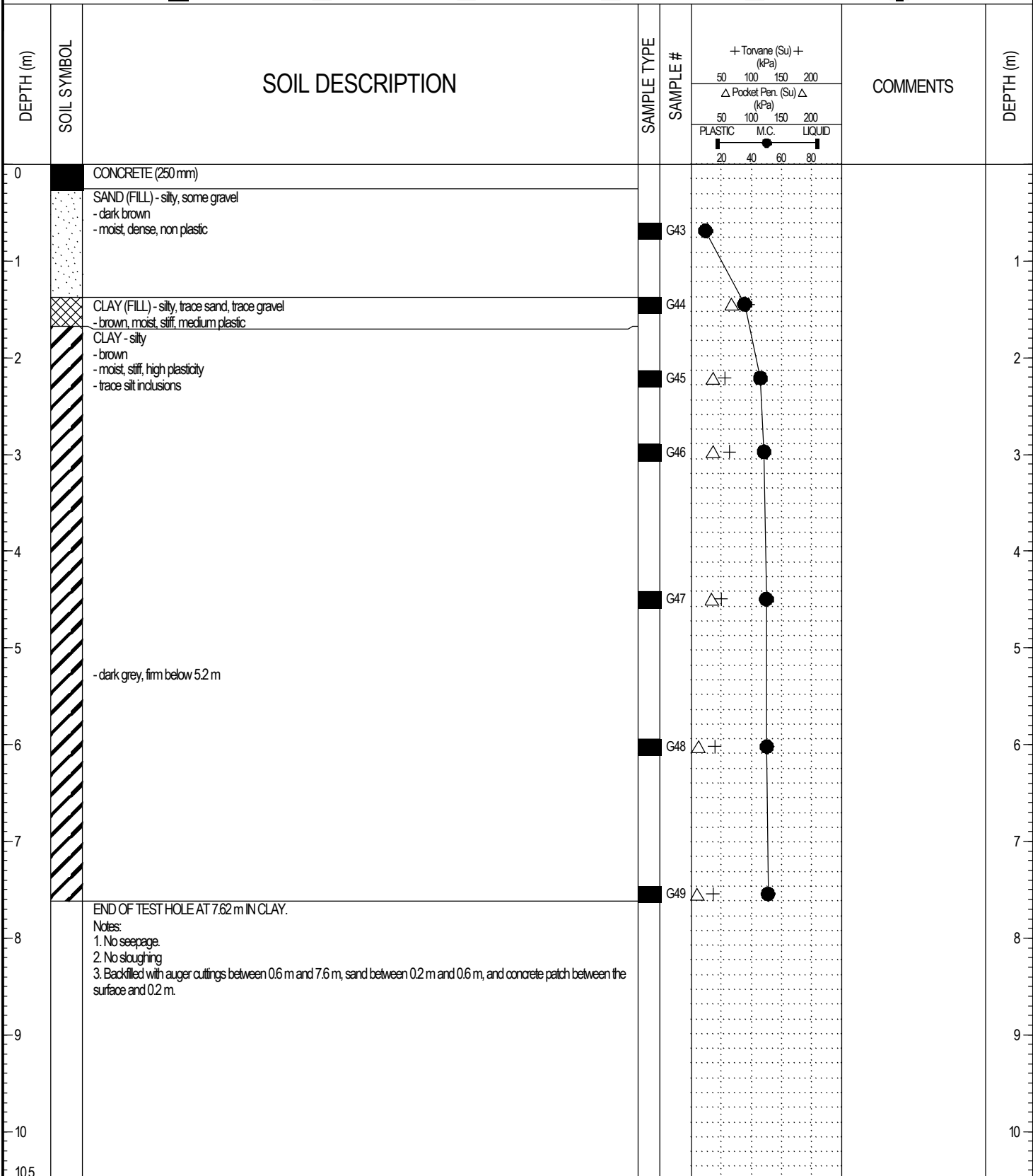
PROJECT: Alexander/Bannatyne Combined Sewer Relief	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-05
LOCATION: Sherbrook at William		PROJECT NO.: D265-177-02-01
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> BULK <input checked="" type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE	



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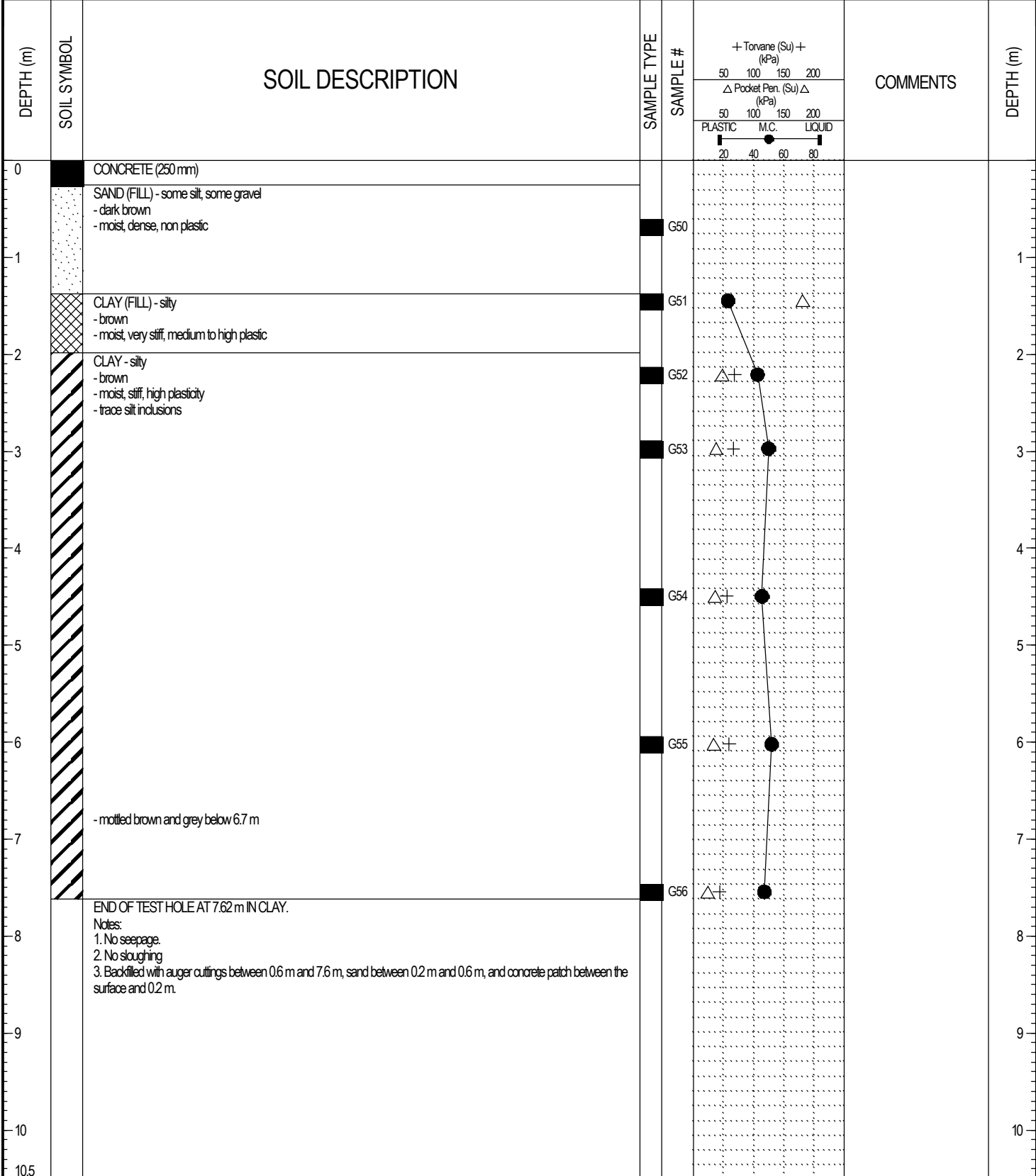
Notes:
1. No seepage.
2. No sloughing
3. Backfilled with auger cuttings between 0.6 m and 9.1 m, sand between 0.2 m and 0.6 m, and concrete patch between the surface and 0.2 m.

PROJECT: Alexander/Bannatyne Combined Sewer Relief	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-06
LOCATION: Sherbrook at Ross		PROJECT NO.: D265-177-02-01
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> BULK <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE	



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PROJECT: Alexander/Bannatyne Combined Sewer Relief	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-07
LOCATION: Sherbrook at Logan		PROJECT NO.: D265-177-02-01
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> BULK <input type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE	



LOG OF TESTHOLE CONTRACT 2A.GPJ UMA.GDT 9/8/05

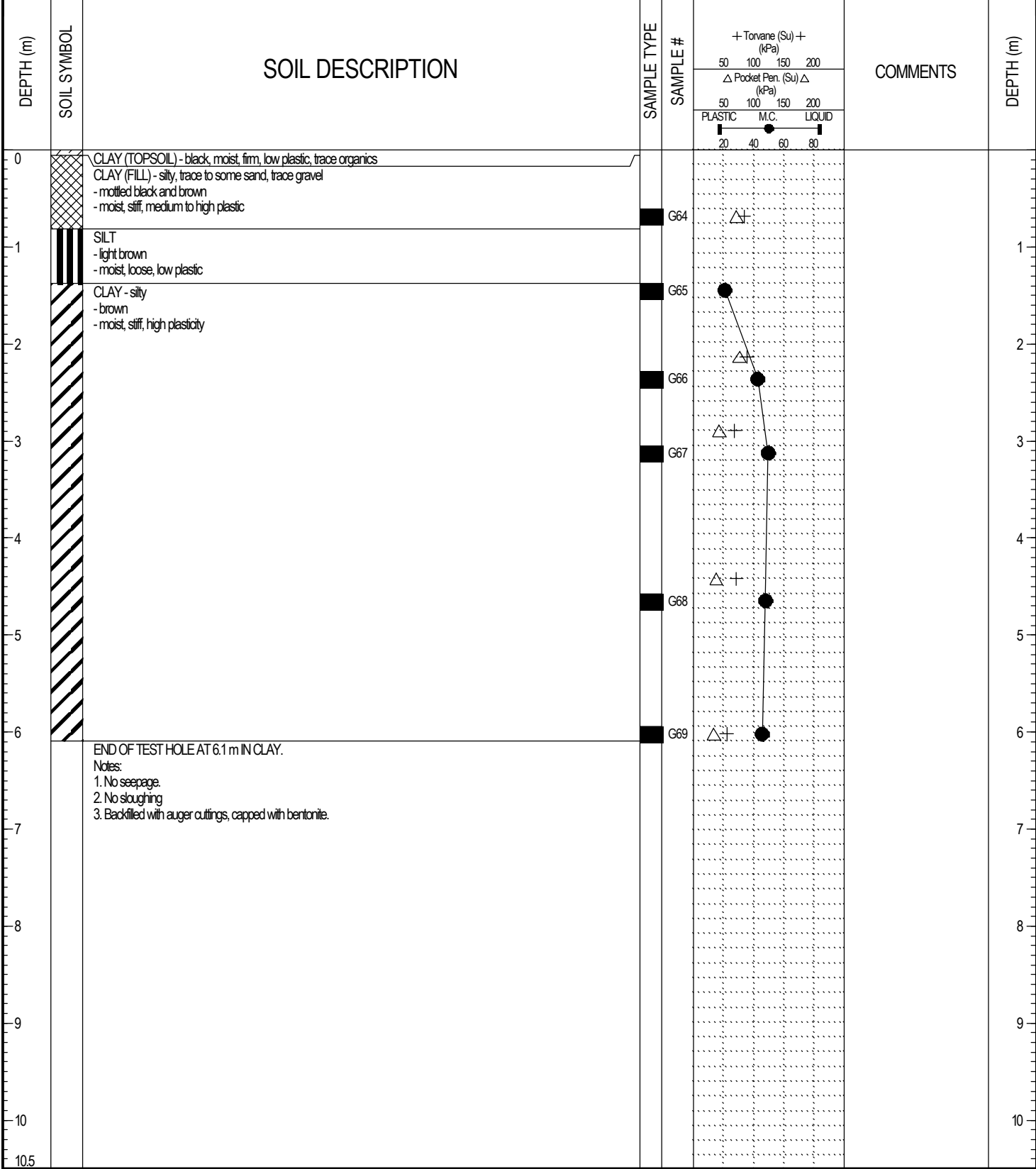
PROJECT: Alexander/Bannatyne Combined Sewer Relief	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-08
LOCATION: Gunnell between Henry and Logan		PROJECT NO.: D265-177-02-01
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input checked="" type="checkbox"/> SPLIT SPOON <input checked="" type="checkbox"/> BULK	<input checked="" type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE

DEPTH (m)	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE #	+ Torvane (Su) + (kPa)				COMMENTS	DEPTH (m)
					50	100	150	200		
					Δ Pocket Pen. (Su) Δ (kPa)					
					50	100	150	200		
0		ORGANIC CLAY (100 mm) - black, moist, medium plastic								
		CLAY (FILL) - silty, trace sand, trace gravel - brown - moist, stiff, medium plastic - trace organics		G57					Δ	
1		SILT - light brown - moist, loose, low plastic		G58						
2		CLAY - silty - brown - moist, stiff, high plasticity		G59					Δ +	
3				G60					Δ +	
4				G61					Δ +	
5				G62					Δ +	
6		- dark grey below 6.1 m		G63					Δ +	
7		- firm below 7.3 m								
8		END OF TEST HOLE AT 7.62 m IN CLAY. Notes: 1. No seepage. 2. No sloughing 3. Backfilled with auger cuttings, capped with bentonite.								

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PROJECT: Alexander/Bannatyne Combined Sewer Relief	CLIENT: The City of Winnipeg, W&W Dept.	TESTHOLE NO: TH-05-09
LOCATION: Reitta between Henry and Logan	PROJECT NO.: D265-177-02-01	
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem Augers	ELEVATION (m):

SAMPLE TYPE GRAB SHELBY TUBE SPLIT SPOON BULK NO RECOVERY CORE



LOG OF TESTHOLE CONTRACT 2A.GPJ UMA.GDT 9/8/05