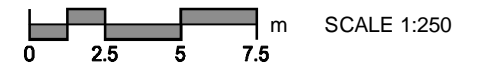


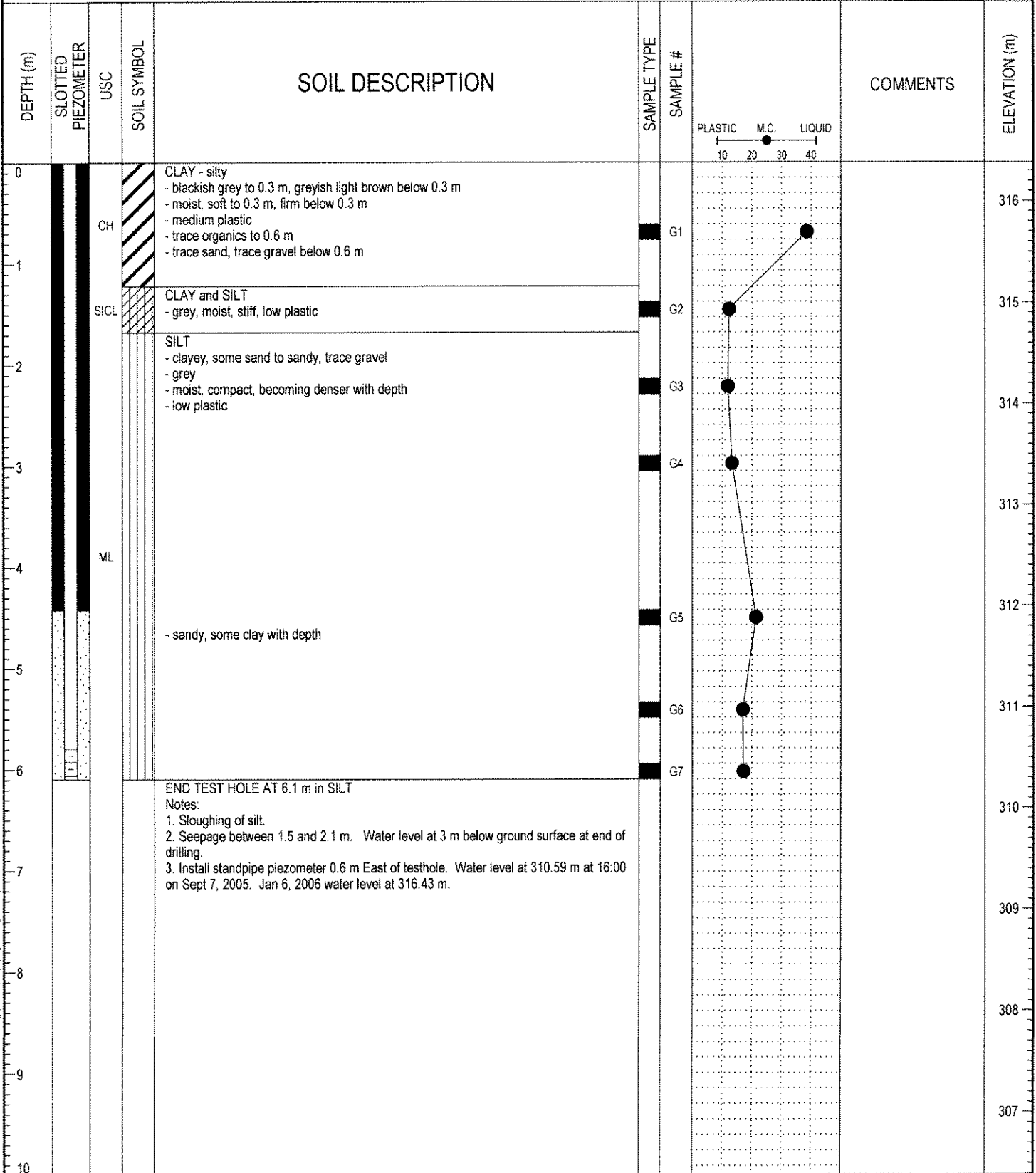
**PLAN**



City of Winnipeg  
Mile 83 Boathouse and Overflow

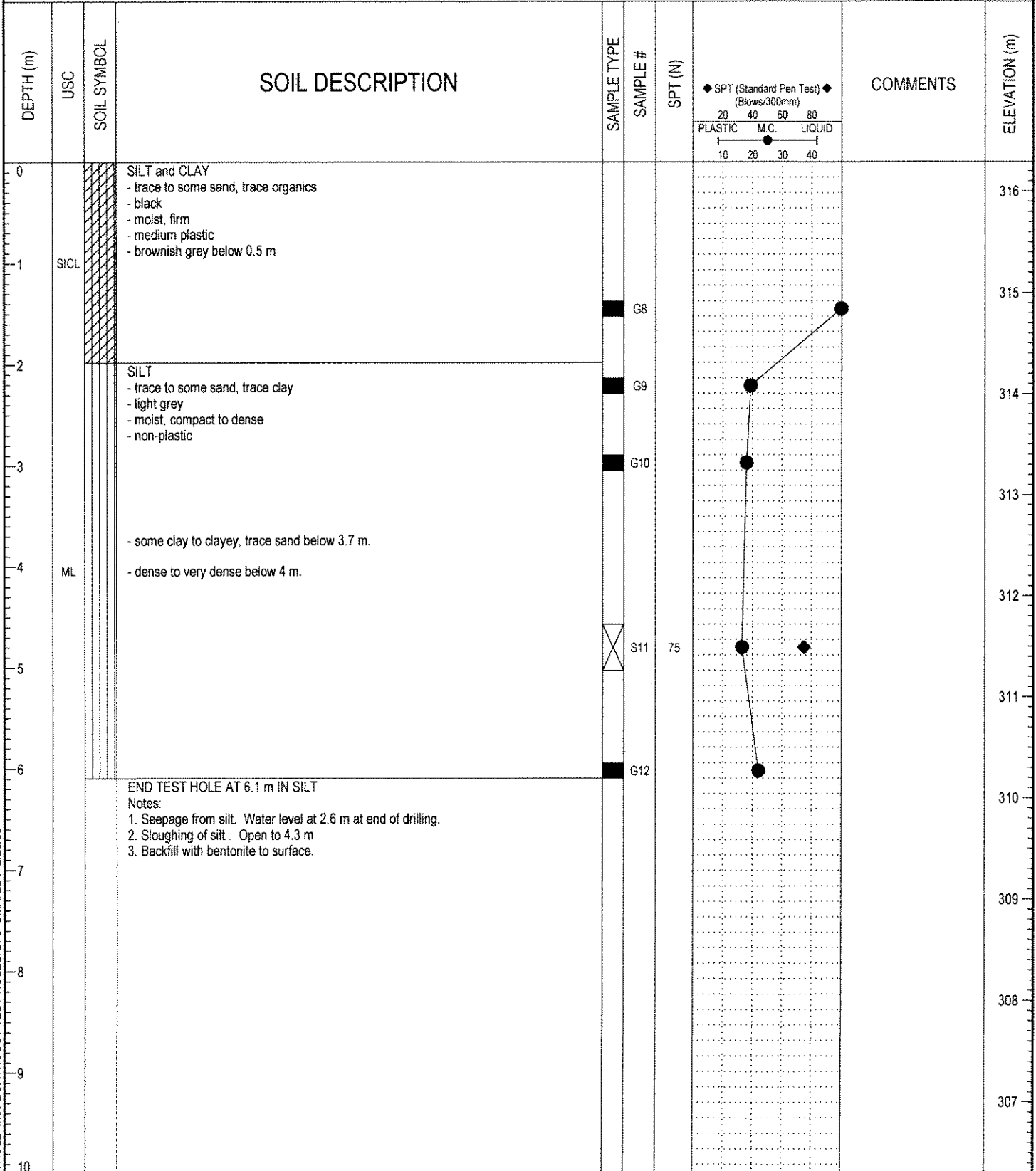
**TEST HOLE LOCATION PLAN**

PROJECT: SLA: Mile 83 Boathouse and Overflow	CLIENT: City of Winnipeg - WWD	TESTHOLE NO: 05-01
LOCATION: South-East of overflow chamber, North of tracks in ditch.		PROJECT NO.: D265-200-00
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem, RM-30	ELEVATION (m): 316.38
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	
BACKFILL TYPE	<input type="checkbox"/> BENTONITE <input type="checkbox"/> GRAVEL <input type="checkbox"/> SLOUGH <input type="checkbox"/> GROUT <input type="checkbox"/> CUTTINGS <input type="checkbox"/> SAND	



LOG OF TESTHOLE M83 BOATHOUSE TEST HOLES GPJ UMA GDT 2/20/06

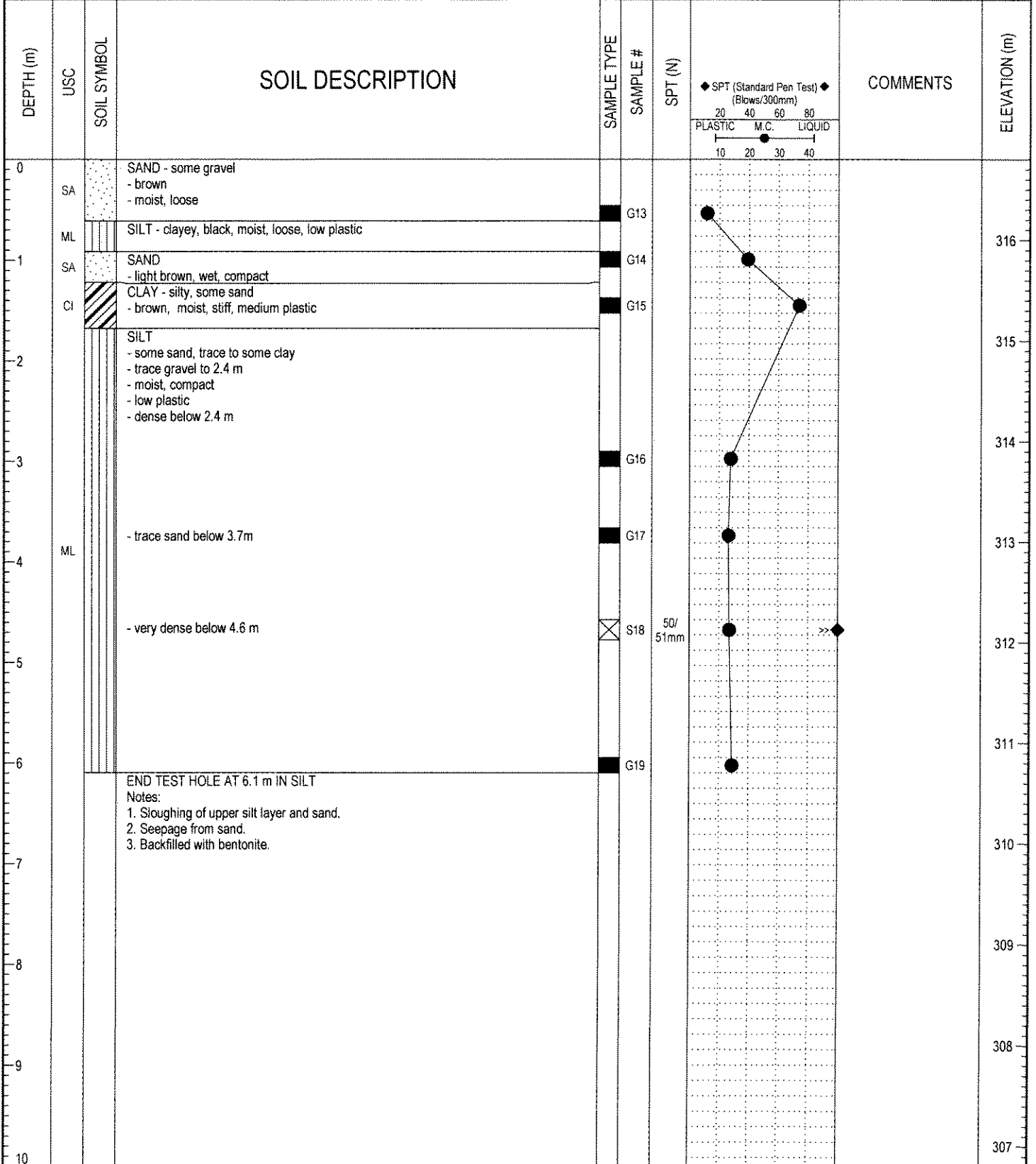
PROJECT: SLA: Mile 83 Boathouse and Overflow	CLIENT: City of Winnipeg - WWD	TESTHOLE NO: 05-02
LOCATION: South of tracks. 5 m South-West of outlet to Boggy River.		PROJECT NO.: D265-200-00
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem, RM-30	ELEVATION (m): 316.29
SAMPLE TYPE	<input checked="" 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 M83 BOATHOUSE TEST HOLES GPJ UMA GDT 2/20/06

	LOGGED BY: Kendall Thiessen	COMPLETION DEPTH: 6.10 m
	REVIEWED BY: Gil Robinson	COMPLETION DATE: 9/7/05
	PROJECT ENGINEER: Gil Robinson	Page 1 of 1

PROJECT: SLA: Mile 83 Boathouse and Overflow	CLIENT: City of Winnipeg - WWD	TESTHOLE NO: 05-03
LOCATION: East of outlet pipe, South of tracks in ditch.		PROJECT NO.: D265-200-00
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125 mm Solid Stem, RM-30	ELEVATION (m): 316.8
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 M83 BOATHOUSE TEST HOLES GPJ UMA GDT 2/20/06

PROJECT: SLA: Mile 83 Boathouse and Overflow	CLIENT: City of Winnipeg - WWD	TESTHOLE NO: 05-04
LOCATION: Along center line of outlet pipe alignment, 1.5 m North of tracks.		PROJECT NO.: D265-200-00
CONTRACTOR: UMA Engineering Ltd.	METHOD: 50 mm Hand Auger	ELEVATION (m): 318.28
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		

DEPTH (m)	USC	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE #	PLASTIC	M.C.	LIQUID	COMMENTS	ELEVATION (m)
0			SAND (FILL) - trace silt, trace gravel, trace organics - brown - moist, compact	<input checked="" type="checkbox"/>	G20					318
1	FI			<input checked="" type="checkbox"/>	G21					317
1.37			END TEST HOLE AT 1.37 m IN SAND ON SUSPECTED COBBLE Notes: 1. No seepage. 2. Sloughing of sand. 3. Backfilled with auger cuttings.							316
2										315
3										314
4										313
5										312
6										311
7										310
8										309
9										309
10										309

LOG OF TESTHOLE M83 BOATHOUSE TEST HOLES.GPJ UMA.GDT 2/20/06

UMA   AECOM	LOGGED BY: Kendall Thiessen	COMPLETION DEPTH: 1.37 m
	REVIEWED BY: Gil Robinson	COMPLETION DATE: 9/7/05
	PROJECT ENGINEER: Gil Robinson	Page 1 of 1

PROJECT: SLA: Mile 83 Boathouse and Overflow	CLIENT: City of Winnipeg - WWD	TESTHOLE NO: 05-05
LOCATION: Along center line of outlet pipe alignment, 5 m north of outlet structure.		PROJECT NO.: D265-200-00
CONTRACTOR: UMA Engineering Ltd.	METHOD: 50 mm Hand Auger	ELEVATION (m): 317.49
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	

DEPTH (m)	USC	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE #	PLASTIC	M.C.	LIQUID	COMMENTS	ELEVATION (m)
0	FI		CLAY (Fill) - silty - black and grey mottled - moist, firm, medium plastic - trace organics		G22	10	20	40		317
1	FI		SILT and SAND (Fill) - some clay, trace gravel - light brown - moist, dense, low plastic		G23					316
1.37			END TEST HOLE AT 1.37 m ON CONCRETE PIPE Notes: 1. No sloughing. 2. No seepage. 3. Backfilled with auger cuttings.							315
2										314
3										313
4										312
5										311
6										310
7										309
8										308
9										
10										

LOG OF TESTHOLE: M83 BOATHOUSE TEST HOLES GRJ UMA GDT 2/20/06