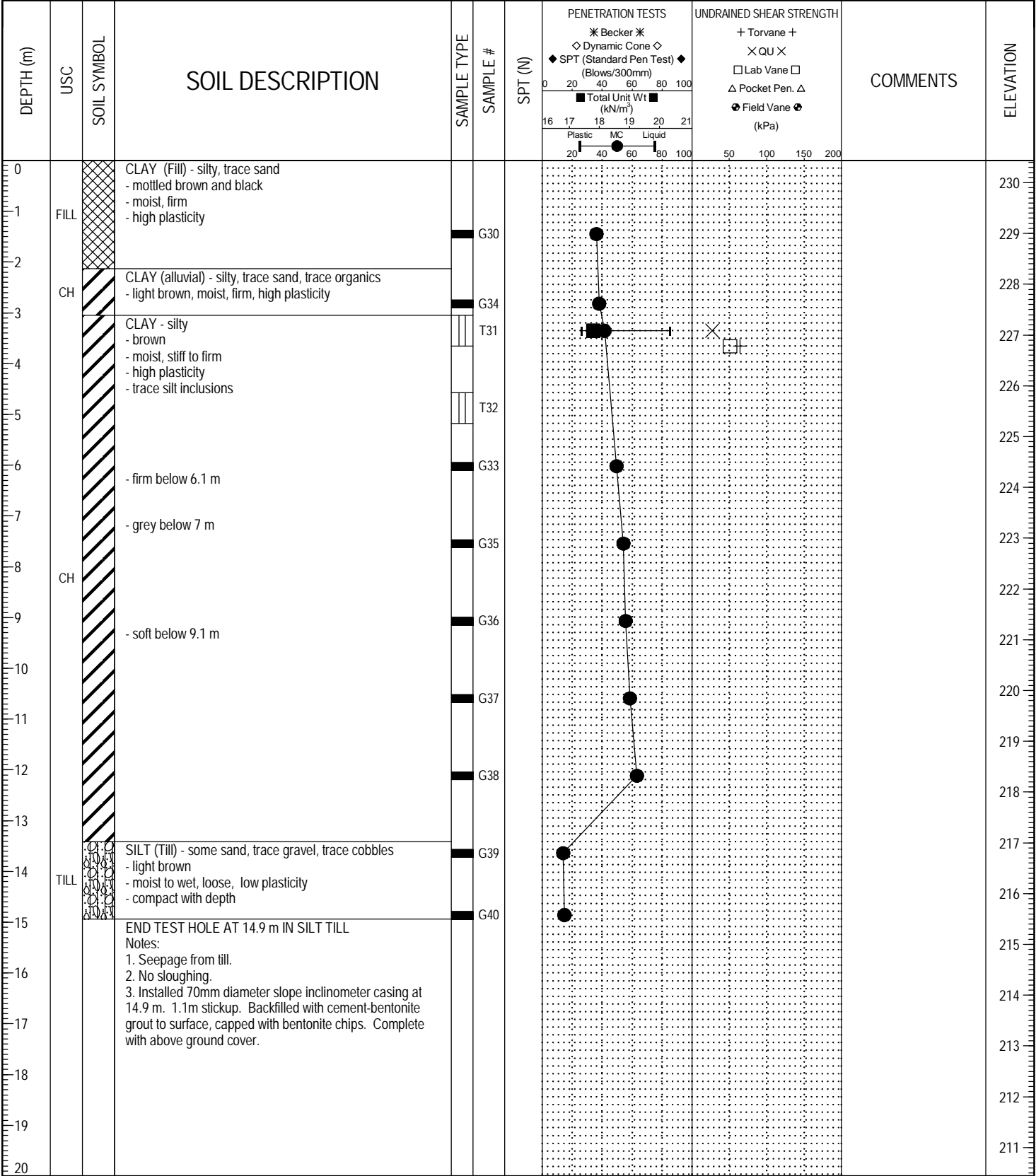


APPENDIX B
2009 TEST HOLE LOGS

PROJECT: Pembina Highway Culvert Study	CLIENT: City of Winnipeg	TESTHOLE NO: SI 09-04
LOCATION: West Slope E632710.893 N5514573.780		PROJECT NO.: 0265-41600
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125mm Solid Stem Augers	ELEVATION (m): 230.44

SAMPLE TYPE GRAB SHELBY TUBE SPLIT SPOON BULK NO RECOVERY CORE



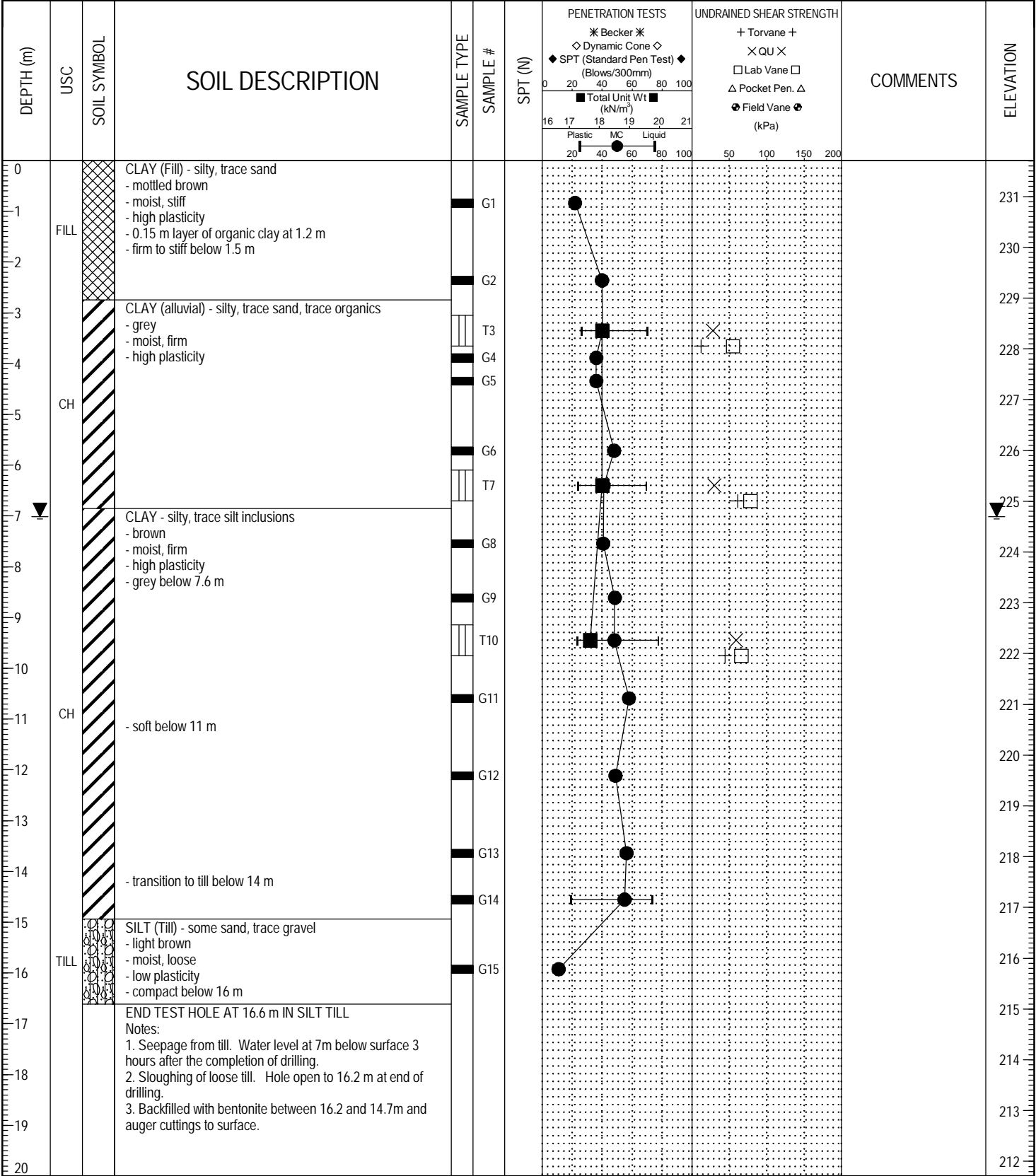
LOG OF TEST HOLE PEMBINA CULVERT STUDY LOGS.GPJ UMA WINN.GDT 22/6/10



LOGGED BY: Kendall Thiessen	COMPLETION DEPTH: 14.94 m
REVIEWED BY: Ken Skaffeld	COMPLETION DATE: 30/9/09
PROJECT ENGINEER: Jeff Tallin	Page 1 of 1

PROJECT: Pembina Highway Culvert Study	CLIENT: City of Winnipeg	TESTHOLE NO: TH 09-01
LOCATION: East Shoulder E632756.48 N5514566.10		PROJECT NO.: 0265-41600
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125mm Solid Stem Augers	ELEVATION (m): 231.71

SAMPLE TYPE	GRAB	SHELBY TUBE	SPLIT SPOON	BULK	NO RECOVERY	CORE
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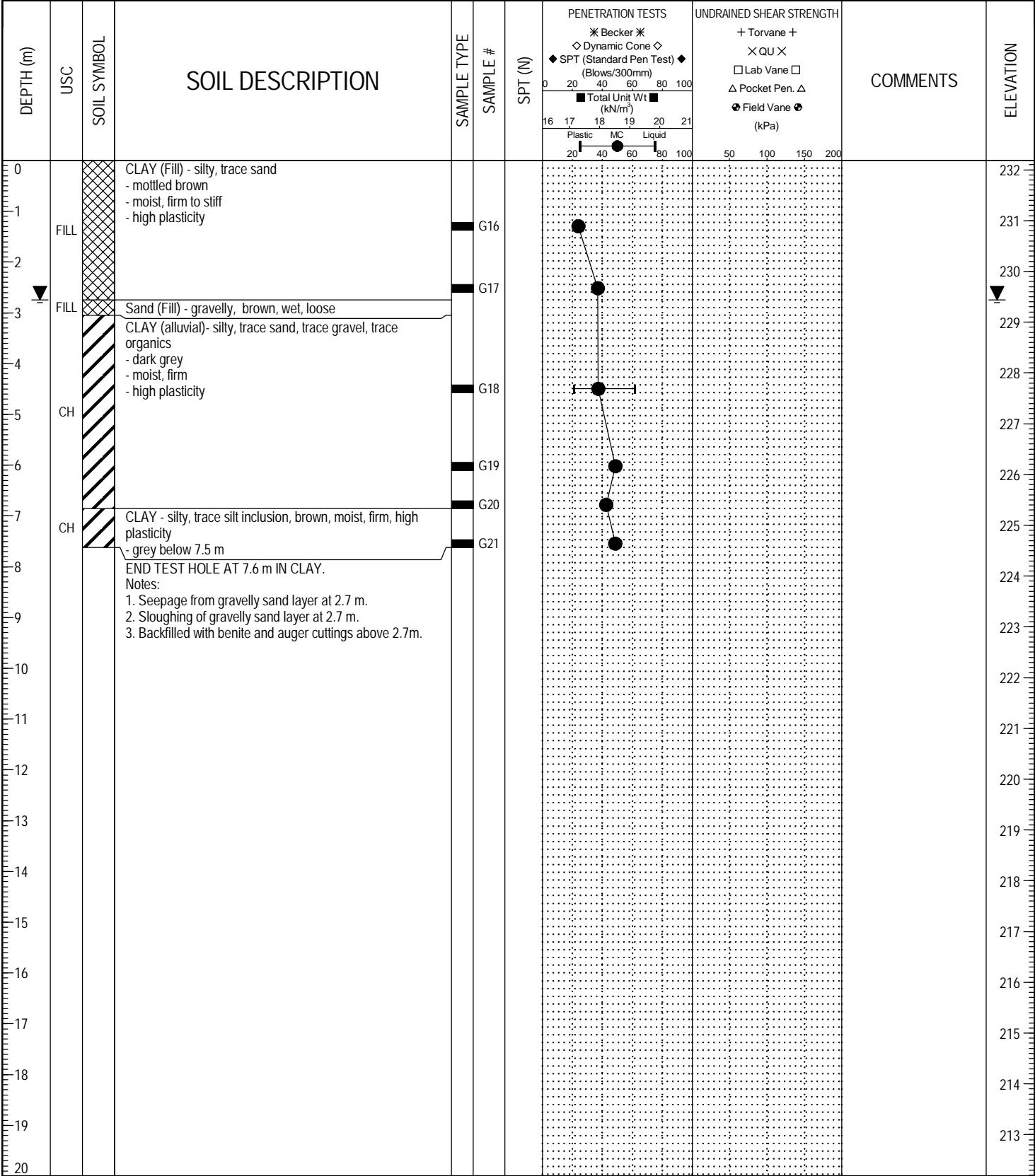


LOG OF TEST HOLE PEMBINA CULVERT STUDY LOGS.GPJ UMA WINN.GDT 22/6/10



LOGGED BY: Kendall Thiessen	COMPLETION DEPTH: 16.61 m
REVIEWED BY: Ken Skaffeld	COMPLETION DATE: 30/9/09
PROJECT ENGINEER: Jeff Tallin	Page 1 of 1

PROJECT: Pembina Highway Culvert Study	CLIENT: City of Winnipeg	TESTHOLE NO: TH 09-02
LOCATION: Median - South E632742.27 N5514557.68		PROJECT NO.: 0265-41600
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125mm Solid Stem Augers	ELEVATION (m): 232.18
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	

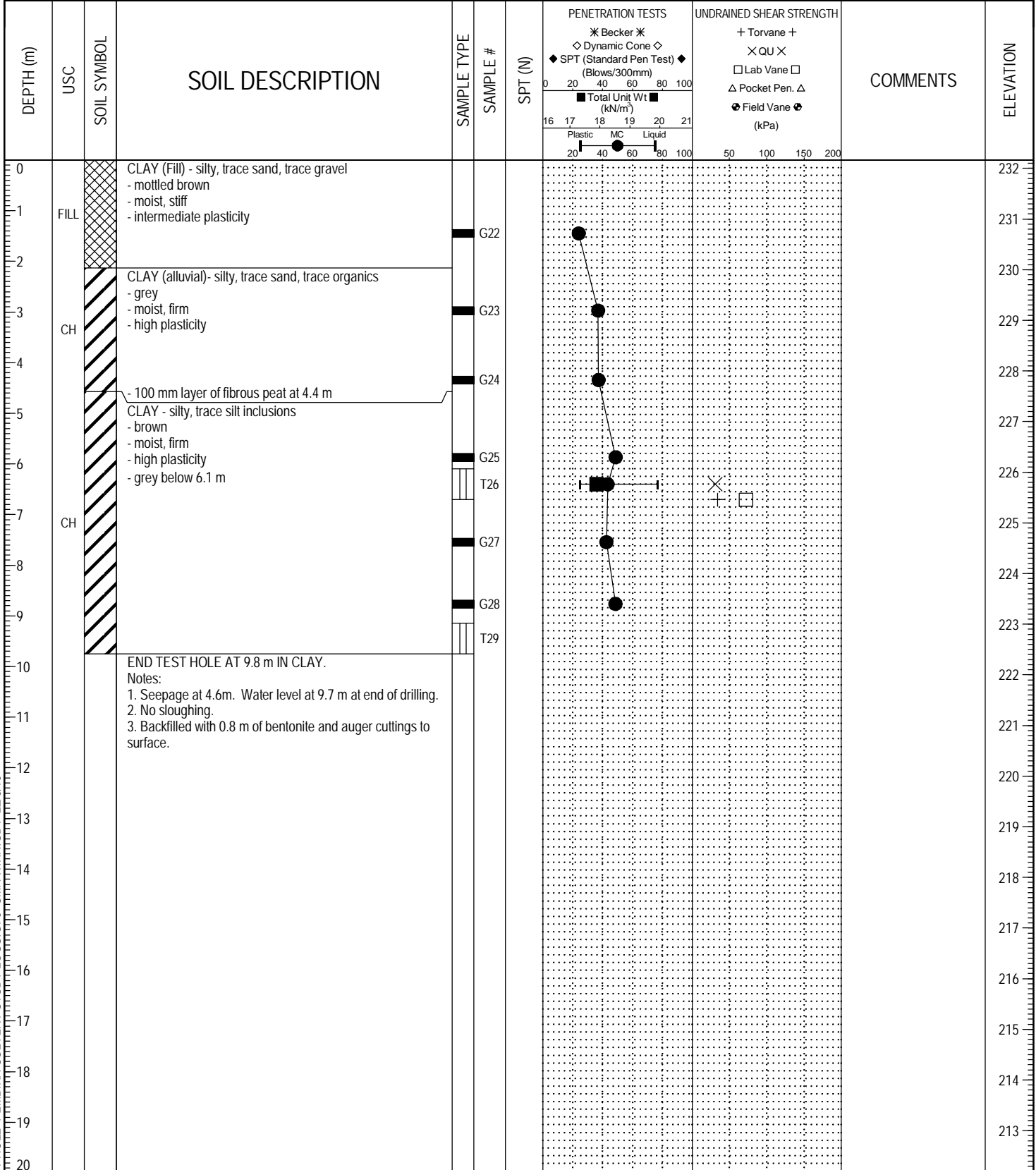


LOG OF TEST HOLE PEMBINA CULVERT STUDY LOGS.GPJ UMA WINN.GDT 22/6/10



LOGGED BY: Kendall Thiessen	COMPLETION DEPTH: 7.62 m
REVIEWED BY: Ken Skaffeld	COMPLETION DATE: 30/9/09
PROJECT ENGINEER: Jeff Tallin	Page 1 of 1

PROJECT: Pembina Highway Culvert Study	CLIENT: City of Winnipeg	TESTHOLE NO: TH 09-03
LOCATION: Median - North E632739.318 N5514567.927		PROJECT NO.: 0265-41600
CONTRACTOR: Paddock Drilling Ltd.	METHOD: 125mm Solid Stem Augers	ELEVATION (m): 232.16
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	



LOG OF TEST HOLE PEMBINA CULVERT STUDY LOGS.GPJ UMA WINN.GDT 22/6/10



LOGGED BY: Kendall Thiessen	COMPLETION DEPTH: 9.75 m
REVIEWED BY: Ken Skaffeld	COMPLETION DATE: 30/9/09
PROJECT ENGINEER: Jeff Tallin	Page 1 of 1