

TABLE 1
CAISSON PILE INSPECTION TEST HOLES
New Good Life Building For West 18 Street Enterprise Ltd.
St. Albert, Alberta

CASSION PILE: 74 Drilled by DSD on March 1, 2013, Ground elevation = 675.0 m	
From 0.0 – 2.5 m	FILL-CLAY ; silty, moderate compaction, some topsoil lenses, light olive brown
From 2.5 – 9.0 m	CLAY ; very silty, damp, low plasticity, stiff to very stiff, light olive brown
From 9.0 – 11.7 m	SILT ; clayey, some sand, damp, loose, light olive brown
At 10.5 m	Moisture content = 16.7%
At 11.2 m	Moisture content = 17.7%
From 11.7 – 12.4 m	CLAY ; silty, very stiff, medium plasticity, occasional silt lenses, dark brown
At 12.1 m	Pocket Penetrometer = 345 kPa; Moisture content = 32.7%
From 12.4 – 12.6 m	SILT ; clayey, some sand, medium dense, light olive brown
From 12.6 – 14.8 m	CLAY ; silty, medium plasticity, moist, very stiff, dark grey
At 13.0 m	Pocket Penetrometer = 215 kPa; Moisture content = 29.7%
At 13.7 m	Pocket Penetrometer = 205 kPa; Moisture content = 32.4%
At 14.5 m	Pocket Penetrometer = 200 kPa; Moisture content = 30.7%
From 14.8 – 15.3 m	SILT ; sandy, trace of clay, damp, uniform, grey
At 15.0 m	Moisture content = 10.0%
From 15.3 – 15.9 m	CLAY ; silty, damp, medium plasticity, occasional silt laminations, very stiff, grey
At 15.7 m	Pocket Penetrometer = 340 kPa; Moisture content = 27.9%
From 15.9 – 18.1 m	SILT ; trace of clay and sand, uniform, damp, medium dense, medium grey
At 17.0 m	Moisture content = 11.2%
At 17.6 m	Moisture content = 11.4%
At 18.0 m	No evidence of groundwater seepage from 0 to 18.1 m
At 18.1 m	Moisture content = 8.6%
End of Caisson Drill Hole = 18.1 m Slough = 18.0 m, 0 hours Water level = 17.9 m (dry), 0 hours Hole backfilled with concrete and re-bar cage	

TABLE 1
CAISSON PILE INSPECTION TEST HOLES
New Good Life Building For West 18 Street Enterprise Ltd.
St. Albert, Alberta

CASSION PILE: 83	Drilled by DSD on March 1, 2013, Ground elevation = 674.3 m
From 0.0 – 2.5 m	FILL-CLAY ; silty, dry to damp, moderate compaction, occasional topsoil lenses, dark yellowish brown
From 2.5 – 5.4 m	SILT ; clayey, damp, loose, occasional sand lenses, light olive brown
From 5.4 – 7.5 m	CLAY ; silty, low plasticity, stiff, damp, occasional silt lenses, light olive brown
From 7.5 – 12.6 m	SILT ; clayey, some sand, loose, damp, dark olive brown
At 7.5 m	Pocket Penetrometer = 125 kPa; Moisture content = 24.4%
At 9.6 m	Moisture content = 13.9%
At 10.6 m	Moisture content = 18.6%
At 11.2 m	Moisture content = 21.2%
At 12.2 m	Moisture content = 20.3%
From 12.6 – 12.8 m	CLAY ; silty, moist, very stiff, medium plasticity, occasional thin silt laminations, dark olive brown
At 12.6 m	Pocket Penetrometer = 325 kPa; Moisture content = 32.6%
From 12.8 – 13.4 m	SILT ; sandy, trace of clay, damp, medium dense, dark olive brown
At 12.9 m	Moisture content = 19.7%
From 13.4 – 15.4 m	CLAY ; silty, medium plasticity, very stiff, occasional thin silt and sand laminations, medium grey
At 14.2 m	Pocket Penetrometer = 215 kPa; Moisture content = 32.2%
At 14.9 m	Pocket Penetrometer = 205 kPa; Moisture content = 32.9%
At 15.2 m	Pocket Penetrometer = 205 kPa; Moisture content = 35.5%
From 15.4 – 18.2 m	SILT ; sandy, trace of clay, damp, medium dense, medium grey
At 16.1 m	Moisture content = 18.4%
At 16.8 m	Moisture content = 13.6%
At 17.6 m	Moisture content = 13.3%
At 18.1 m	No evidence of groundwater seepage from 0 to 18.1 m
At 18.2 m	Moisture content = 8.9%
End of Drill Hole = 18.2 m Slough = 18.1 m, 0 hours Water level = 18.1 m (dry), 0 hours Hole backfilled with concrete and rebar cage.	