

# APPENDIX D

## BOREHOLE LOGS





# Piezometer ID: MW1-1

**Project No.:** 170125  
**Client:** CIMA  
**Report:** Permit to Take Water Condition  
**Site Address:** Appleton, Mississippi Mills  
 Ontario

**Elevation** Ground: 117.84 m  
 TOP: 118.50 m

**UTM NAD83 (Zone 18T):** 5006125 N  
 410026 E

SUBSURFACE PROFILE				SAMPLE					WELL COMPLETION					
Depth (m)	Symbol	Description	Depth (m) / Elev. (m a.s.l.)	Sample ID	Type	Blow Counts	Recovery (%)	Lab Analysis	Headspace Vapour Level (ppm)			Construction	Notes	
									10	100	1000			
0		Ground Surface	0.00 / 117.84											
0 to 0.46		<b>Peat</b> Brown, wet, mucky, trace tree roots.	117.84	1										
0.46 to 1.02		<b>Clay</b> Grey brown, moist to wet, low plasticity, non-cohesive, some organics. <b>Clay</b> Brownish grey, moist, high plasticity, cohesive.	0.46 / 117.38	2										coated bentonite pellet seal
1.02 to 2.13		<b>Clay</b> Grey, moist, firmer, high plasticity, cohesive, trace sand, trace fine gravel.	2.13 / 115.71	3										
2.13 to 2.84			2.84 / 115.00	4										
2.84 to 3.0		End of piezometer at 2.84 m		5										
3.0		Well Completion Details: Screened interval from 1.02 m to 2.84 m below surface Elevation at top of pipe (TOP) = 118.50 m		6										32mm slot 10 PVC screen within 3M silica sand pack

BH MW OB LOGV1.0 170125 ENERDUCIMA.GPJ VL TEMPLATE.GDT 10/11/17

**Drill Date:** July 20, 2017  
**Drilled By:** OGS Inc.  
**Drilling Method:** Hand Auger  
**Hole Diameter:** 0.051 m (OD)

**Logged By:** B.A.  
**Checked By:** M. K-B

Notes: AUGER SAMPLE



# Piezometer ID: MW1-2

**Project No.:** 170125  
**Client:** CIMA  
**Report:** Permit to Take Water Condition  
**Site Address:** Appleton, Mississippi Mills  
 Ontario

**Elevation** Ground: 117.80 m  
 TOP: 118.56 m

**UTM NAD83 (Zone 18T):** 5006125 N  
 410026 E

SUBSURFACE PROFILE				SAMPLE						WELL COMPLETION				
Depth (m)	Symbol	Description	Depth (m) / Elev. (m a.s.l.)	Sample ID	Type	Blow Counts	Recovery (%)	Lab Analysis	Headspace Vapour Level (ppm)			Construction	Notes	
									10	100	1000			
0		Ground Surface	0.00 / 117.80											
		<b>Peat</b> Brown, wet, mucky, trace tree roots.												
		<b>Clay</b> Grey brown, moist to wet, low plasticity, non-cohesive, some organics.	0.46 / 117.34											
		End of piezometer at 0.61 m												
1		Well Completion Details: Screened interval from 0.00 m to 0.61 m below surface Elevation at top of pipe (TOP) = 118.56 m												
		32mm dia. screen pushed 0.61m into native soil.												

GW = 117.92 m (08/08/2017)

32mm slot 10 PVC screen pushed in native material.

BH MW OB LOGV1.0 170125 ENERDUCIMA.GPJ VL TEMPLATE.GDT 10/11/17

**Drill Date:** July 20, 2017  
**Drilled By:** OGS Inc.  
**Drilling Method:** Hand Auger  
**Hole Diameter:** 0.051 m (OD)

**Notes:**

**Logged By:** B.A.  
**Checked By:** M. K-B

Sheet  
 1 of 1



**Project No.:** 170125  
**Client:** CIMA  
**Report:** Permit to Take Water Condition  
**Site Address:** Appleton, Mississippi Mills  
 Ontario

## Piezometer ID: MW2

**Elevation** Ground: 117.77 m  
 TOP: 118.89 m

**UTM NAD83 (Zone 18T):** 5005691 N  
 409244 E

SUBSURFACE PROFILE				SAMPLE					WELL COMPLETION					
Depth (m)	Symbol	Description	Depth (m) / Elev. (m a.s.l.)	Sample ID	Type	Blow Counts	Recovery (%)	Lab Analysis	Headspace Vapour Level (ppm)			Construction	Notes	
									10	100	1000			
0		Ground Surface	0.00 / 117.77											
		<b>Peat</b> Dark brown, wet, mucky to woody, trace root fibers.		1										
				2										
				3										
1.83		End of piezometer at 1.83 m	1.83 / 115.94											
2		Well Completion Details: Screened interval from 1.22 m to 1.83 m below surface Elevation at top of pipe (TOP) = 118.89 m												

BH MW OB LOGV1.0 170125 ENERUCIMA.GPJ VL TEMPLATE.GDT 10/11/17

**Drill Date:** July 20, 2017  
**Drilled By:** OGS Inc.  
**Drilling Method:** Hand Auger  
**Hole Diameter:** 0.051 m (OD)

**Logged By:** B.A.  
**Checked By:** M. K-B

Notes: AUGER SAMPLE