BOREHOLE LOG

PROJET: ADAPT
SITE: Daring Lake
BOREHOLE NO.: Fen-01B
COORDINATES: Lat: 64.89611 Long: -111.56889
ELEVATION:
START DATE: 2013-22-05
END DATE: 2013-22-05

Instrumentation
- Temperature sensor (Decagon ECT)
- Temperature sensor (YSI 44033)
- Volumetric water content, temperature and bulk electrical conductivity (Decagon 5ET)
- Volumetric water content (Decagon EC-5)
- Pressure sensor

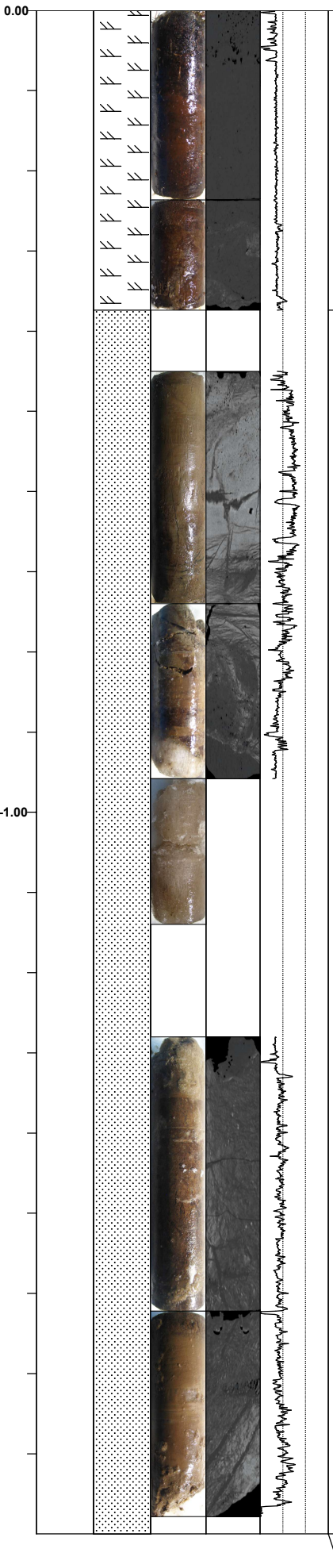
Instrumentation
- PVC casing

Sampling method
- Excavation
- Diamond core
- Slit spoon
- Destructive

Recovery
- Recovered
- No recovery

Sample state
- *Ud-F* Undisturbed and frozen
- *Ud-Uf* Undisturbed and unfrozen
- *D-F* Disturbed and frozen
- *D-Uf* Disturbed and unfrozen

C/H/N
- *w* Water content (%)
- *p* Bulk density (g/cm-3)
- C Carbon (%)
- H Hydrogen (%)
- N Nitrogen (%)



Depth (m)	Stratigraphy	Soil description	Sampling method	Recovery	Sample state	Sample name	Volume (%) Soil / Ice / Air	Water content (%)	Salinity (ppm)	Grain size G	Grain size S	Grain size M-C	Consistency wl	Consistency wp	Consistency Ip	Consistency IL	USCS	Consol. kPa	C/H/N w	C/H/N p	C/H/N C	C/H/N H	C/H/N N	Radiocarbon dates 14C (BP)	±	Material
		Peat.			Ud-F	DL_1b_0-1													97.260	1.003	41.552	6.310	1.042			
						DL_1b_23-24													87.984	0.674	44.627	6.465	2.234			
					Ud-F	DL_1b_30-31													71.409	0.866	22.184	3.356	1.091			
						DL_1b_42-43													86.072	0.697	40.610	5.883	2.025			
		Sand.																								
					Ud-F	DL_1b_45-46													52.564	0.883	7.712	0.955	0.367			
						DL_1b_72-73													52.089	1.379	4.104	0.534	0.218			
					Ud-F	DL_1b_73-74													49.255	1.300	2.900	0.403	0.156			
						DL_1b_84-85													71.631	1.331	11.010	1.759	0.574			
					Ud-F																					
						DL_1b_128-130													93.954	1.296	2.640	0.388	0.114			
					Ud-F																					
						DL_1b_164-165													74.156	0.469	6.324	0.820	0.353			
						DL_1b_165-166													75.306	1.169	5.857	0.759	0.332			
					Ud-F																					
						DL_1b_187-190													51.260	1.886	3.528	0.503	0.206			

End of borehole at 1,90 m.

Version 1.4 E. L'Hérault and A-S. Carbonneau (2015-06)