BOREHOLE LOG

PROJET: ADAPT
SITE: Daring Lake
BOREHOLE NO.: Heath-02A
COORDINATES: Lat: 64° 52' 10.799" Long: 111° 34' 34.200"
ELEVATION: 440 m.
START DATE: 2013-05-25
END DATE: 2013-05-25

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

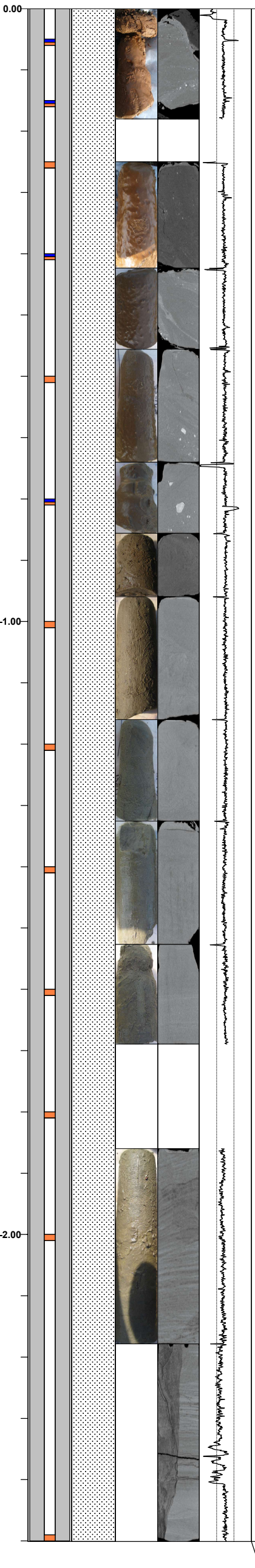
Instrumentation
- PVC casing

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 (%)



Sand

End of borehole at 2,50 m.

Sample name	Sampling method	Sample state	Volume (%) Soil / Ice / Air	Water content (%)	Salinity (ppm)	Grain size G	S	M-C	Consistency wl	wp	Ip	IL	USCS	Consol. kPa		c3	C/H/N w	p	C	H	N	Radiocarbon dates 14C (BP)	±	Material
DL_2a_0-1		Ud-F															35.729	1.120	6.843	0.917	0.301			
DL_2a_22-23																	21.370	1.637	0.548	0.067	0.033			
DL_2a_25-26		Ud-F															18.941	1.744	0.480	0.102	0.036			
DL_2a_42-43																	20.816	1.752	0.368	0.094	0.026			
DL_2a_43-44		Ud-F															20.364	1.845	0.392	0.100	0.025			
DL_2a_54-55																	24.842	1.363	0.312	0.049	0.026			
DL_2a_55-56		Ud-F															16.578	1.571	0.385	0.089	0.023			
DL_2a_70-71																	23.867	2.063	0.261	0.046	0.025			
DL_2a_71-72		Ud-F															21.235	1.753	0.299	0.036	0.025			
DL_2a_80-81																	23.540	1.436	0.197	0.084	0.019			
DL_2a_81-82		Ud-F															26.142	0.467	0.208	0.084	0.023			
DL_2a_90-91																	20.288	1.499	0.180	0.067	0.017			
DL_2a_91-92		Ud-F															19.417	2.259	0.223	0.037	0.025			
DL_2a_110-111																	25.747	1.348	0.153	0.035	0.010			
DL_2a_111-112		Ud-F															20.517	1.893	0.088	0.070	0.017			
DL_2a_124-125																	26.761	1.691	0.092	0.078	0.003			
DL_2a_125-126		Ud-F															17.013	2.252	0.264	0.091	0.014			
DL_2a_146-147																	19.350	1.252	0.110	0.024	0.020			
DL_2a_150-151		Ud-F															21.296	1.586	0.039	0.044	0.009			
DL_2a_165-166																	19.334	1.395	0.057	0.036	0.023			
DL_2a_186-187		Ud-F															27.948	1.287	0.042	0.025	0.021			
DL_2a_219-220																	27.239	1.300	0.064	0.026	0.007			
DL_2a_220-221		Ud-F															33.467	1.459	0.044	0.034	0.014			
DL_2a_249-250																	20.380	0.345	0.024	0.034	0.026			

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