BOREHOLE LOG

PROJET: Iqaluit Airport
SITE: Runway - North-West (ancient lake)
BOREHOLE NO.: IQA_AERO_DDH_13_07
COORDINATES: X:521369.9521 Y:7070538.216
ELEVATION: 31
START DATE: 09-05-2013
END DATE: 10-05-2013

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	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 25	Consol. kPa 50	Consol. kPa 100	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
0.00		Asphalt.																									
		Gravel, sand and boulders.			D-Uf	13_07_30-81	1.9		13.7	78.2	8.1	20.0				SW-SM											
-1.00																											
-2.00		Boulder.			Ud-F	13_07_219-238																					
		Gravel, sand and boulder.																									
		End of borehole at 2,65 m.																									

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