

Summary table of sedimentological parameters from lake sediment core # PG1967 (Herschel Island, Yukon Territory). Median, Standard deviation and number of samples of analyzed parameters in distinguished units A, B, C and D.

		Unit A 700-727 cm	Unit B 600-700 cm	Unit C 200-600 cm	Unit D 0-200 cm	
Magnetic susceptibility (SI)	Median [Md]	13.6	10.1	12.9	8.3	
	Standard deviation [Sd]	1.3	1.4	1.6	0.8	
Water content (%)	Md	11.2	17.0	13.6	23.0	
	Sd	2.0	3.6	2.1	3.7	
	Number of samples [n]	4	10	39	20	
Grain Size (%)	Clay	Md	25.3	22.4	23.4	21.7
		Sd	3.1	5.0	4.8	4.8
	Silt	Md	64.2	60.4	61.4	64.4
		Sd	0.4	4.6	5.3	5.2
	Sand	Md	10.5	17.2	15.2	13.9
		Sd	3.2	5.2	8.3	5.7
		n	4	10	39	20
	Total nitrogen (TN) (%)	Md	0.2	0.3	0.2	0.2
		Sd	0.1	0.1	0.02	0.03
n		4	10	38	20	
Total organic carbon [TOC] (%)	Md	1.9	3.9	1.8	2.4	
	Sd	1.1	2.2	0.4	0.6	
	n	4	10	39	20	
C/N	Md	9.2	13.5	10.5	10.0	
	Sd	1.9	3.3	0.8	1.2	
	n	4	10	38	20	
CaCO <sub>3</sub> (%)	Md	7.2	4.6	7.5	5.8	
	Sd	2.9	2.2	1.1	1.9	
	n	4	10	39	20	
$\delta^{13}\text{C}_{\text{TOC}}$ (‰)	Md	-26.0	-26.8	-26.3	-26.5	
	Sd	0.4	0.4	0.1	0.2	
	n	4	10	39	19	