

Sample	Moraine	Latitude	Longitude	[U] (ppm)	2SE	[Th] (ppm)	2SE	Specific surface area (m ² g ⁻¹)	Fractal dimension	f _α ²³⁴
EX-1	glacial flour	-46.5026	-73.1642	4.186	0.010	22.70	0.06	1.051	2.49	0.0047
F1-U-M2	Fenix 1	-46.5974	-71.0359	1.680	0.002	6.36	0.01	1.831	2.52	0.0075
M1-U-M	Moreno 1	-46.5587	-70.8883	1.855	0.003	7.63	0.01	1.392	2.46	0.0069
M3-U-M	Moreno 3	-46.5574	-70.8494	2.148	0.003	8.67	0.02	4.719	2.56	0.0170
D1-U-M	Deseado 1	-46.5255	-70.7837	1.928	0.004	8.00	0.02	2.238	2.53	0.0089
D2-U-M	Deseado 2	-46.5170	-70.7518	1.503	0.002	5.94	0.01	3.535	2.53	0.0140
TI-U-M	Telken 1	-46.4904	-70.7240	1.633	0.003	6.56	0.01	2.081	2.45	0.0107
TK-U-M	Telken 5	-46.4552	-70.5292	1.593	0.003	6.96	0.02	5.435	2.57	0.0190
Duplicates	Observation									
M3-U-M 2	duplicate of the whole process			2.067	0.004	9.38	0.02	7.034	2.59	0.022
M3-U-M 2 bis	duplicate from the HF digestion step			1.990	0.003	8.52	0.02			
TI-U-M 2	duplicate of the whole process			1.776	0.003	6.92	0.01	1.818	2.54	0.0070
BCR-2	rock standard			1.697	0.003	5.884	0.013			
Sample	Moraine	(²³⁸ U/ ²³² Th)	2SE	(²³⁴ U/ ²³⁸ U)	2SE	(²³⁰ Th/ ²³⁸ U)	2SE	(²³⁰ Th/ ²³⁴ U)	2SE	
EX-1	glacial flour	0.561	0.002	1.007	0.001	1.022	0.005	1.015	0.005	
F1-U-M2	Fenix 1	0.803	0.002	0.968	0.001	0.998	0.005	1.031	0.006	
M1-U-M	Moreno 1	0.739	0.001	0.971	0.001	0.970	0.004	0.999	0.004	
M3-U-M	Moreno 3	0.753	0.002	0.959	0.001	0.962	0.004	1.003	0.004	
D1-U-M	Deseado 1	0.733	0.002	0.968	0.001	0.965	0.004	0.998	0.005	
D2-U-M	Deseado 2	0.769	0.001	0.956	0.001	0.943	0.004	0.987	0.004	
TI-U-M	Telken 1	0.757	0.002	0.958	0.001	0.960	0.005	1.002	0.005	
TK-U-M	Telken 5	0.696	0.002	0.947	0.001	0.937	0.004	0.989	0.005	
Duplicates										
M3-U-M 2		0.671	0.002	0.955	0.001	0.964	0.006	1.009	0.006	
M3-U-M 2 bis		0.711	0.002	0.955	0.001	0.962	0.004	1.006	0.005	
TI-U-M 2		0.780	0.001	0.963	0.001	0.964	0.005	1.001	0.006	
BCR-2		0.878	0.002	1.0006	0.0013	1.005	0.005	1.004	0.005	