

Supplementary Table 2

Sample details for vegetation.

Sample	Collected	Latitude	Longitude	Ash Thickness (<i>T</i>) / mm
05-16	06/08	-43.488	-71.308	11
05-19	06/08	-43.561	-71.170	8
31-04	06/08	-43.015	-71.043	5.5
04-02	06/08	-43.063	-70.863	4.5
31-05	06/08	-43.134	-70.860	4
05-21	06/08	-43.609	-71.056	4
31-06	06/08	-43.325	-70.896	3.5
31-07	06/08	-43.528	-70.795	2
31-08	06/08	-43.640	-70.840	2
04-13	06/08	-42.960	-70.642	2
31-09	06/08	-43.797	-70.936	1.75
04-04	06/08	-43.035	-70.588	1.5
31-12	06/08	-44.046	-70.630	1.5
05-23	06/08	-43.585	-70.931	1.5
03-09	06/08	-43.467	-70.845	1
05-24	06/08	-43.559	-70.886	1
31-13	06/08	-44.177	-70.473	1
04-16	06/08	-42.656	-70.419	0.8
05-25	06/08	-43.513	-70.871	0.8
05-26	06/08	-43.474	-70.846	0.8
04-06	06/08	-43.075	-70.235	0.6
04-11	06/08	-43.089	-69.902	0.6
01-04	06/08	-43.727	-69.898	0.5
03-08	06/08	-43.573	-70.361	0.5
31-10	06/08	-43.959	-70.887	0.5
31-11	06/08	-43.994	-70.827	0.5
31-14	06/08	-44.292	-70.401	0.5
04-09	06/08	-43.214	-69.965	0.4
06-19	06/08	-41.968	-71.273	0.4
02-05	06/08	-44.646	-69.148	0.25
02-04	06/08	-44.459	-69.255	0.2
01-08	06/08	-43.672	-68.932	0.2
31-15	06/08	-44.419	-70.440	0.2
02-02	06/08	-44.146	-69.262	0.15
02-08	06/08	-45.035	-69.153	0.15
03-05	06/08	-43.950	-71.456	0.1
02-16	06/08	-45.448	-69.815	0.1
31-16	06/08	-44.589	-70.371	0.1
31-17	06/08	-44.731	-70.227	0.05
01-11	06/08	-43.877	-68.421	0.2
A-05	01/09	-42.004	-71.130	2.5 (0.2)
A-07	01/09	-41.841	-70.893	3 (0.2)
A-09	01/09	-42.384	-71.111	3 (0.5)
A-10	01/09	-42.467	-71.097	4 (1)
A-11	01/09	-42.659	-71.080	4 (2)
A-12	01/09	-42.767	-71.113	4 (1.5)
B-01	01/09	-42.969	-71.178	6 (3)
B-02	01/09	-43.050	-70.967	6(3)
B-03	01/09	-43.182	-70.845	4 (1)
B-04	01/09	-43.338	-70.886	3 (1)

For January 2009 samples, the ash thickness is given as the “original” ash thickness measured in June 2008 (Watt et al., 2009) followed by the remeasured ash thickness in parentheses.