

Supplementary Table 1. Sample locations, types, and elevations from Cari-Laufquén

Sample # (CL-)	Latitude	Longitude	UTM (East*)	UTM (North)	Elev. (m abs)**	Elev. (m above 786m)	Type
1	-41.0469	-69.4486	462700	5455752	786.0	0.0	water
2	-41.0427	-69.4456	462700	5455752	790	4.0	tufa
3	-41.0429	-69.4453	462700	5455752	790	4.0	tufa
4	-41.0419	-69.4451	462891	5458934	792	6.0	tufa
5	-41.0440	-69.3475	470795	5456289	822	36.0	tufa
6	-41.2266	-69.4315	463838	5435980	826	40.0	water
7	-41.1774	-69.4273	464158	5441445	820	34.0	tufa
8	-41.1780	-69.4221	464593	5441381	818	32.0	tufa
9	-41.1803	-69.4225	464563	5441128	836	50.0	tufa
10	-41.1791	-69.4220	464603	5441262	831	45.0	tufa
11	-41.1426	-69.3210	473081	5443766	839.1	53.1	soil
12	-41.1426	-69.3210	473081	5443766	839.1	53.1	soil
13	-41.1759	-69.4327	463710	5441612	792	6.0	mollusk
16	-41.1495	-69.4308	463852	5444544	794	8.0	mollusk
17	-41.1505	-69.4265	464212	5444437	794	8.0	profile
18	-41.1482	-69.4211	464668	5444695	801	15.0	profile
20	-41.1492	-69.4087	465707	5444584	816	30.0	profile
21	-41.1664	-69.3738	468642	5442688	803	17.0	profile
22	-41.1794	-69.3554	470188	5441250	814	28.0	profile
23	-41.1967	-69.3695	469017	5439324	822	36.0	profile
24	-41.1054	-69.3123	473798	5447904	841.0	55.0	soil
25	-40.9738	-69.3205	473111	5462511	851.0	65.0	soil
26	-40.9709	-69.3204	473118	5462843	847.5	61.5	soil
27	-41.1887	-69.3336	459082	5425397	841.0	55.0	soil
30	-41.2607	-69.3271	472554	5432235	833.0	47.0	water
31	-41.3217	-69.4877	459082	5425397	849.0	63.0	soil
32	-41.3299	-69.5473	454200	5424460	872.0	86.0	water
33	-41.3534	-69.7442	437746	5421730	904.0	118.0	water
34	-41.3164	-69.8565	428313	5425746	962.0	176.0	water
35	-41.2463	-70.0904	408640	5433316	1142.0	356.0	water
36	-41.0414	-70.6371	362400	5455342	1027.0	241.0	water
37	-41.0758	-70.6692	359773	5451467	1070.0	284.0	water
38	-41.0945	-70.8376	345671	5449113	942.0	156.0	water
28	-41.0497	-69.2929	475425	5454087	843.0	57.0	soil
29	-41.0497	-69.2929	475425	5454087	843.0	57.0	soil

*UTM locations all taken in datum SA 69 except CL-1 (WGS 84), Zone 19G

**Profile elevations taken to be base of profile