Sea-level changes in Iceland and the influence of the North Atlantic Oscillation during the last half millennium

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Supplementary Information

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Supplementary Table 1	Details of diatom samples collected along four surface transects.
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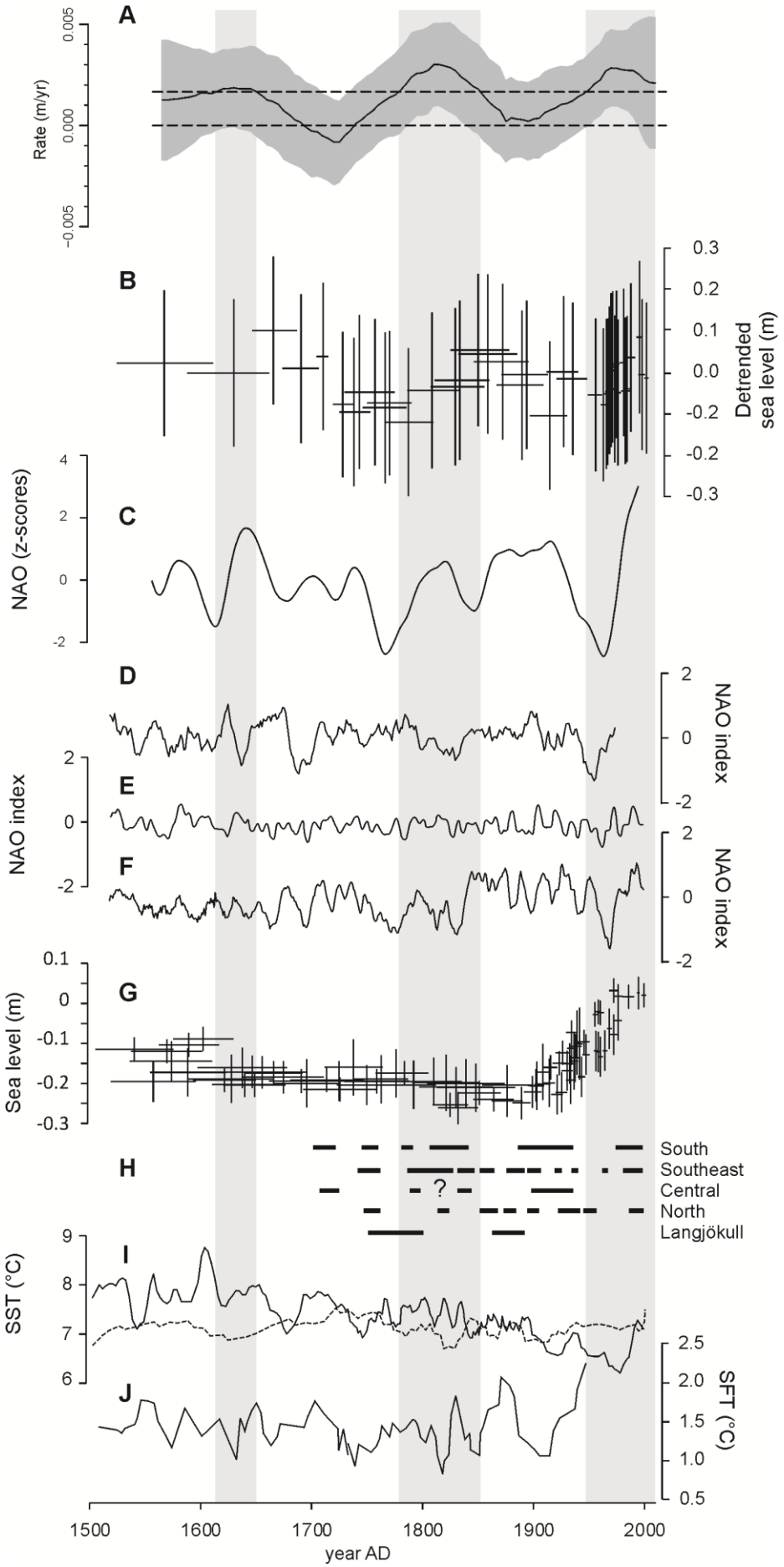
A
Rate (m/yr)
0.005
0.000
−0.005
B
Detrended sea level (m)
0.3
0.2
0.1
0.0
-0.2
-0.2
-0.3
C
NAO (z-scores)
4
2
0
-2
D
NAO index
2
0
-2
E
F
NAO index
G
Sea level (m)
0.1
0
-0.1
-0.2
-0.3
H
South
Southeast
Central
North
Langjökull
?
I
SST (°C)
9
8
7
6
J
SFT (°C)
2.5
2.0
1.5
1.0
0.5
1500
1600
1700
1800
1900
2000
year AD

Supplementary Information Figure 1. Comparison of the new sea-level reconstruction for western Iceland with potential drivers. A: Rate of change of sea-level reconstruction; the envelope represents the 68% confidence limits, taking into account proxy and chronological uncertainties. B: Detrended sea-level reconstruction with sea-level index points; error bars represent 2 sigma uncertainties. C: Winter NAO record by Trouet et al. (2009). D: Winter NAO record by Glueck and Stockton (2001). E: Winter NAO record by Cook et al. (2002). F: Winter NAO record by Luterbacher (2002). G: Detrended sea-level reconstruction for North Carolina (USA) by Kemp et al. (2011). H: Compilation of advances of Icelandic glaciers. Data from Björnsson (1979); Flowers et al. (2007), and Kirkbride and Dugmore (2008), and references therein. The glacial advances are based on dated moraines, except for Langjökull (Flowers et al. 2007) which is based on model simulations. The glacial bodies concerned range from ice caps to valley glaciers. I: Sea-surface temperature (SST) reconstructions from northern Icelandic core MD99-2275. Solid line: alkenone-based SST reconstruction from Sicre et al. (2011); dashed line: diatom-based SST reconstruction from Ran et al. (2011). J: Sea-floor temperature (SFT) reconstruction from core MD99-2275 from Frankcombe and Dijkstra (2009). The vertical bars of shading indicate the three periods when the most likely rate of sea-level rise (dashed line in panel A) was above the 20th century average of 1.7 mm/yr (Church and White 2006).

Supplementary Table 1. Details of diatom samples collected along four surface transects (T1-4).

T1		T2		T3		T4	
distance along transect (m)	elevation (m above MSL)	distance along transect (m)	elevation (m above MSL)	distance along transect (m)	elevation (m above MSL)	distance along transect (m)	elevation (m above MSL)
4	1.89	1	2.05	0	2.08	0	1.94
8	1.95	2	2.01	0.5	2.01	1	1.82
10	2.01	3	1.98	1	2.00	2	1.78
11	2.05	4	1.99	2	1.98	3.5	1.72
14	2.04	5	1.95	8	2.00	5	1.68
16	1.99	8	1.93	15	1.97	5.5	1.63
20	1.94	10	1.9	20	1.99	6.5	1.58
29	1.83	12	1.94	32.9	2.01	8	1.52
30	1.88	14	1.87	33.4	2.13	10	1.50
32	1.92	16	1.94	33.6	2.02	17	1.42
35.5	2.03	16.5	1.98	45	2.01	20	1.39
36	2.06	17	2.02	65	1.96		
36.5	2.07	17.5	2.04	72	1.94		
		18	2.07	74	1.90		
		18.5	2.10				

Supplementary Table 2. Major element geochemical analyses of volcanic glass shards in section 3A.

Depth (cm)	FeO	TiO_2	MgO	CaO/ Al_2O_3	K_2O/ P_2O_5	Na_2O	Al_2O_3	SiO_2	K_2O	CaO	P_2O_5	MnO	Total	Provenance
34	11.40	2.12	3.22	0.47	1.13	3.64	14.71	54.61	1.20	6.85	1.07	0.33	99.17	Other
34	14.66	3.17	5.44	0.73	1.38	2.97	12.99	49.88	0.44	9.50	0.32	0.28	99.65	Other
34	7.69	1.89	1.82	0.28	6.41	4.91	14.78	60.10	3.65	4.06	0.57	0.28	99.76	Other
34	14.30	4.49	4.94	0.74	1.72	3.34	12.88	47.45	0.84	9.50	0.49	0.27	98.51	Katla (prehistoric)
34	10.77	2.78	2.97	0.37	3.04	4.94	13.84	56.25	3.18	5.08	1.05	0.32	101.19	Other
34	10.86	3.04	3.13	0.45	2.36	3.72	13.87	54.68	2.78	6.18	1.18	0.35	99.78	Other
34	7.71	1.46	1.93	0.33	5.82	5.20	15.62	58.50	2.89	5.16	0.50	0.19	99.16	Other
34	17.44	4.51	4.14	0.77	1.58	3.18	11.53	49.09	1.25	8.92	0.79	0.31	101.16	Other
34	9.08	1.48	2.14	0.34	2.52	5.05	15.43	59.22	1.63	5.28	0.65	0.27	100.24	Other
34	14.97	4.72	5.13	0.77	1.37	3.21	12.92	46.63	0.74	9.96	0.54	0.26	99.08	Katla (prehistoric)
34	14.40	3.07	5.63	0.76	1.46	2.10	13.06	50.09	0.44	9.95	0.30	0.25	99.29	Other
34	9.59	2.36	2.45	0.37	3.73	4.86	14.39	56.07	3.06	5.33	0.82	0.29	99.22	Other
34	15.07	4.77	5.20	0.81	1.34	3.17	12.42	46.11	0.73	10.05	0.54	0.25	98.31	Other
34	14.63	3.07	5.48	0.74	1.38	2.76	12.93	49.89	0.42	9.63	0.30	0.27	99.38	Other
34	13.57	1.90	6.51	0.81	1.05	2.42	13.08	49.31	0.19	10.65	0.18	0.26	98.07	Other
34	11.80	3.19	6.45	0.88	2.20	3.08	13.21	47.20	1.00	11.64	0.46	0.24	98.26	Other
34	3.87	0.28	0.21	0.11	102.54	5.64	13.66	71.08	3.64	1.49	0.04	0.15	100.04	Other
34	14.80	4.65	5.25	0.74	1.14	3.37	12.74	46.70	0.73	9.43	0.64	0.25	98.54	Other
34	14.80	4.48	5.21	0.78	1.61	3.22	12.73	46.83	0.73	9.94	0.46	0.26	98.66	Other
34	13.46	1.77	6.50	0.78	1.04	2.45	14.15	49.07	0.15	11.02	0.15	0.23	98.96	Other
34	14.10	2.92	6.42	0.71	2.25	2.90	14.83	46.82	0.53	10.55	0.24	0.26	99.57	Other
34	14.83	4.59	4.95	0.75	1.79	3.33	12.76	48.67	0.90	9.61	0.50	0.24	100.38	Katla (prehistoric)
35	15.49	4.84	5.25	0.79	1.20	3.06	12.83	47.97	0.67	10.16	0.56	0.26	101.08	Other
35	13.57	4.05	4.90	0.75	1.33	3.12	12.88	48.51	0.90	9.60	0.68	0.26	98.46	Katla (prehistoric)
35	15.85	3.48	4.87	0.74	1.47	3.06	12.42	49.72	0.53	9.22	0.36	0.30	99.82	Other
35	15.05	4.57	5.07	0.74	1.46	3.30	12.64	46.44	0.73	9.40	0.50	0.28	97.99	Katla (prehistoric)
35	14.24	4.13	4.57	0.71	1.25	2.94	12.95	50.44	0.97	9.21	0.77	0.26	100.48	Katla (historic)
35	6.06	1.05	0.83	0.18	17.76	5.07	14.57	64.14	5.04	2.60	0.28	0.27	99.92	Other
35	14.87	4.56	5.15	0.76	1.53	3.13	13.05	47.67	0.68	9.96	0.44	0.24	99.77	Katla (prehistoric)
35	14.29	4.20	5.57	0.88	1.98	1.65	13.02	45.82	1.33	11.42	0.67	0.28	98.27	Other
35	15.31	4.88	5.18	0.75	1.33	2.96	13.01	47.74	0.72	9.81	0.54	0.23	100.38	Katla (prehistoric)
35	13.24	2.06	7.21	0.87	0.93	2.32	13.27	48.93	0.15	11.60	0.16	0.21	99.16	Other
36	14.69	4.56	4.87	0.70	2.03	3.33	13.15	48.19	1.01	9.26	0.50	0.26	99.81	Katla (prehistoric)
36	14.18	4.32	4.70	0.69	1.49	3.24	13.24	48.55	0.81	9.17	0.54	0.25	99.00	Katla (prehistoric)
36	8.60	2.08	2.33	0.34	4.16	5.19	14.71	57.37	3.20	4.98	0.77	0.33	99.55	Other
36	15.81	4.64	4.88	0.74	1.88	3.43	12.68	48.31	0.93	9.33	0.50	0.28	100.79	Katla (prehistoric)
36	3.78	0.26	0.15	0.11	122.9	5.71	12.91	71.43	3.58	1.37	0.03	0.16	99.38	Other
36	15.06	4.54	5.15	0.79	1.65	3.15	12.76	47.32	0.79	10.04	0.48	0.24	99.52	Katla (prehistoric)
36	11.04	1.55	7.84	0.85	1.20	2.21	14.39	49.41	0.16	12.21	0.14	0.23	99.18	Other
36	4.14	0.28	0.19	0.11	100.8	5.63	13.11	71.85	3.63	1.38	0.04	0.18	100.43	Other
36	15.15	4.56	5.05	0.71	1.74	3.35	13.03	48.28	0.86	9.26	0.50	0.27	100.30	Katla (prehistoric)

Supplementary Table 2 continued. Major element geochemical analyses of volcanic glass shards in section 3A.

Depth (cm)	FeO	TiO_2	MgO	CaO/ Al_2O_3	K_2O/ P_2O_5	Na_2O	Al_2O_3	SiO_2	K_2O	CaO	P_2O_5	MnO	Total	Provenance
36	0.11	0.01	0.00	0.04	-54.5	12.86	21.79	55.92	0.04	0.96	0.00	0.00	91.69	Other
36	14.46	4.36	4.87	0.75	1.64	3.30	13.00	48.54	0.87	9.75	0.53	0.27	99.94	Katla (prehistoric)
36	14.92	4.66	5.05	0.77	1.17	3.28	12.65	47.30	0.72	9.69	0.62	0.28	99.17	Katla (historic)
36	15.64	5.03	4.54	0.85	1.55	3.98	12.17	45.20	1.57	10.32	1.02	0.33	99.81	Other
37	14.83	4.84	5.14	0.79	1.36	3.13	12.57	47.58	0.75	9.90	0.55	0.22	99.50	Katla (prehistoric)
37	15.61	4.84	4.52	0.49	2.79	4.03	12.83	47.69	2.15	6.29	0.77	0.31	99.04	Other
37	15.62	3.17	5.19	0.62	1.49	2.13	13.27	50.44	0.48	8.19	0.32	0.26	99.06	Other
38	10.27	1.03	15.62	7.30	1.69	0.27	2.66	51.73	0.01	19.46	0.00	0.28	101.34	Other
38	10.29	2.15	2.83	0.40	1.32	5.04	14.25	56.25	1.50	5.70	1.14	0.24	99.41	Other
38	14.85	4.61	5.10	0.75	1.54	3.14	13.40	48.63	0.87	9.98	0.57	0.26	101.40	Katla (prehistoric)
38	14.97	4.75	5.05	0.76	1.19	3.01	12.83	47.21	0.78	9.81	0.66	0.26	99.32	Katla (historic)
38	15.20	4.71	4.97	0.80	1.52	3.11	12.72	47.40	0.74	10.15	0.49	0.25	99.72	Other
38	15.75	4.62	4.88	0.79	1.77	1.22	13.13	46.44	1.36	10.31	0.77	0.29	98.78	Katla (prehistoric)
38	14.21	4.51	5.11	0.74	3.21	2.56	12.90	47.50	1.61	9.60	0.50	0.24	98.72	Other
39	14.87	4.60	5.23	0.77	1.10	3.42	12.82	47.44	0.70	9.87	0.64	0.27	99.86	Other
39	14.29	4.63	5.12	0.81	1.09	3.54	12.09	47.57	0.75	9.82	0.68	0.29	98.78	Other
39	15.73	4.74	5.05	0.76	1.07	3.22	12.50	48.05	0.82	9.56	0.76	0.26	100.68	Katla (historic)
39	14.66	4.66	5.06	0.76	1.42	3.14	12.90	46.94	0.71	9.80	0.50	0.28	98.63	Katla (prehistoric)
39	15.01	4.75	5.08	0.77	1.29	3.20	12.62	47.74	0.85	9.73	0.66	0.25	99.89	Katla (prehistoric)
39	14.83	4.66	5.16	0.77	1.18	3.28	12.48	47.44	0.76	9.58	0.64	0.23	99.07	Katla (historic)
39	13.14	3.42	5.09	0.57	1.53	4.09	14.02	48.88	2.40	7.94	1.57	0.33	100.87	Other
39	0.03	0.00	-0.01	0.00	-0.93	-0.01	101.12	0.22	-0.01	0.01	0.01	0.01	101.36	Other
39	14.98	4.69	5.12	0.77	1.22	3.17	12.73	47.34	0.80	9.83	0.65	0.25	99.54	Katla (historic)
39	15.24	4.63	5.16	0.75	1.08	3.27	12.74	47.01	0.73	9.57	0.68	0.25	99.27	Katla (historic)
39	14.73	4.64	5.16	0.76	1.13	3.32	12.69	46.46	0.75	9.64	0.66	0.27	98.33	Katla (historic)
39	11.95	2.31	3.09	0.44	1.03	3.85	14.08	54.23	1.31	6.19	1.27	0.29	98.58	Other
40	12.81	2.58	7.26	0.69	1.71	2.96	15.30	45.87	0.42	10.61	0.25	0.21	98.26	Other
40	3.86	0.28	0.23	0.10	89.56	5.66	13.36	70.25	3.55	1.30	0.04	0.15	98.67	Other
40	14.34	4.16	4.92	0.71	0.91	2.72	13.10	48.15	0.79	9.36	0.87	0.29	98.70	Other
40	15.06	3.53	5.01	0.67	1.68	1.39	13.05	50.94	0.81	8.70	0.48	0.27	99.24	Other
40	15.15	4.45	5.24	0.79	1.43	3.06	12.94	46.74	0.70	10.20	0.49	0.24	99.20	Other
40	15.49	4.90	5.24	0.80	1.79	2.64	12.51	47.05	1.06	10.02	0.59	0.27	99.78	Other
40	16.46	4.62	4.79	0.74	1.37	2.81	12.55	47.90	0.74	9.33	0.54	0.29	100.03	Other
40	14.16	3.07	5.63	0.75	1.48	3.09	13.17	49.70	0.45	9.90	0.30	0.26	99.73	Other
40	14.50	1.87	6.22	0.83	1.26	2.49	12.85	49.77	0.20	10.64	0.16	0.24	98.94	Other
40	11.47	2.24	7.98	0.83	1.94	2.72	15.09	48.54	0.38	12.47	0.20	0.21	101.29	Other
41	9.62	1.35	2.01	0.36	2.72	4.56	15.34	60.25	1.48	5.53	0.54	0.29	100.97	Other
41	9.54	2.27	2.46	0.34	2.77	5.49	15.00	57.82	2.50	5.06	0.90	0.28	101.31	Other
41	14.35	4.61	4.95	0.68	3.67	3.77	13.16	48.19	2.06	8.93	0.56	0.27	100.84	Other
41	11.47	2.15	3.02	0.44	1.15	4.28	14.87	54.76	1.27	6.47	1.10	0.28	99.67	Other
41	15.43	4.83	5.33	0.83	1.44	2.66	12.51	47.03	0.80	10.39	0.56	0.26	99.80	Other
41	11.53	3.63	4.07	0.55	1.38	4.58	14.32	50.54	1.76	7.94	1.27	0.25	99.91	Other

Supplementary Table 2 continued. Major element geochemical analyses of volcanic glass shards in section 3A.

Depth (cm)	FeO	TiO_2	MgO	CaO/ Al_2O_3	K_2O/ P_2O_5	Na_2O	Al_2O_3	SiO_2	K_2O	CaO	P_2O_5	MnO	Total	Provenance
41	15.30	4.27	5.29	0.76	1.33	3.08	13.22	46.56	0.66	10.09	0.49	0.25	99.21	Other
41	15.44	4.83	5.23	0.76	1.49	3.17	12.79	47.37	0.81	9.74	0.55	0.27	100.19	Other
41	14.95	4.67	4.85	0.79	1.40	3.21	12.87	48.77	0.72	10.11	0.52	0.28	100.95	Katla (prehistoric)
41	14.97	4.88	5.20	0.78	1.35	2.85	12.81	47.53	0.73	9.98	0.54	0.25	99.75	Katla (prehistoric)
41	15.17	3.35	5.05	0.69	1.40	1.66	13.07	50.18	0.59	9.03	0.42	0.29	98.81	Other
42	11.84	2.07	3.17	0.47	1.25	3.24	14.30	55.76	1.22	6.70	0.98	0.34	99.63	Other
42	16.95	5.21	4.63	0.90	0.45	1.04	11.13	46.31	0.80	9.97	1.77	0.42	98.22	Other
42	15.55	4.87	5.46	0.80	1.48	3.08	12.46	47.37	0.84	9.98	0.56	0.27	100.45	Other
43	12.18	2.11	3.04	0.46	1.22	3.63	14.50	54.46	1.30	6.71	1.06	0.34	99.33	Other
43	9.05	2.22	2.21	0.20	5.15	5.38	14.76	57.47	3.99	3.01	0.77	0.35	99.20	Other
43	12.48	3.91	4.30	0.58	2.34	3.51	14.33	49.00	2.32	8.30	0.99	0.27	99.41	Other
43	7.70	1.43	1.99	0.29	6.16	5.44	15.83	59.36	2.98	4.66	0.48	0.25	100.12	Other
43	15.36	4.87	5.33	0.79	1.85	3.16	12.79	46.23	1.06	10.06	0.57	0.26	99.67	Other
43	14.57	4.60	4.65	0.83	1.95	3.31	12.58	47.65	0.99	10.46	0.50	0.26	99.58	Other
43	15.05	4.82	5.33	0.80	1.28	3.10	12.75	47.31	0.68	10.21	0.53	0.25	100.03	Other
43	14.70	4.75	5.29	0.78	1.36	3.45	12.80	47.03	0.73	9.97	0.54	0.25	99.51	Other
43	14.34	4.52	5.29	0.82	1.34	3.04	12.68	47.73	0.65	10.39	0.48	0.24	99.36	Other
43	14.93	4.43	4.84	0.74	1.64	3.27	12.92	48.01	0.80	9.62	0.49	0.26	99.56	Katla (prehistoric)
44	15.58	4.68	4.85	0.78	1.56	3.30	12.12	46.96	0.85	9.48	0.54	0.28	98.66	Katla (prehistoric)
44	12.21	3.65	4.35	0.43	1.51	4.93	14.64	50.02	2.10	6.30	1.38	0.29	99.86	Other
44	14.96	4.56	5.30	0.78	1.60	3.00	12.88	46.75	0.70	9.99	0.44	0.23	98.81	Other
44	9.99	2.76	3.47	0.45	2.12	4.55	14.25	53.79	2.47	6.45	1.16	0.29	99.18	Other
44	15.15	4.62	5.23	0.79	1.68	3.23	12.55	47.52	0.73	9.96	0.44	0.25	99.68	Other
44	11.75	2.13	3.24	0.39	1.37	4.18	15.02	55.05	1.42	5.92	1.04	0.27	100.02	Other
44	14.97	4.71	5.06	0.77	1.22	3.43	12.83	46.82	0.72	9.89	0.59	0.24	99.26	Katla (historic)
44	12.67	3.95	4.39	0.67	2.36	3.75	13.00	51.12	1.05	8.70	0.44	0.22	99.29	Other
44	14.87	4.54	5.15	0.78	1.65	3.06	12.67	46.77	0.71	9.90	0.43	0.25	98.34	Katla (prehistoric)
44	15.28	4.66	5.30	0.79	1.60	2.75	12.85	47.41	0.75	10.09	0.47	0.25	99.80	Other
44	14.64	4.73	5.21	0.80	1.24	3.32	12.44	46.57	0.64	9.91	0.52	0.24	98.22	Other
44	14.90	3.14	5.40	0.75	1.42	2.82	13.16	49.64	0.47	9.81	0.33	0.24	99.92	Other
44	11.03	2.05	3.10	0.46	1.18	4.04	14.61	54.51	1.18	6.68	1.00	0.29	98.49	Other
44	11.96	2.11	3.20	0.47	1.20	3.95	14.60	54.92	1.23	6.85	1.02	0.33	100.17	Other
44	14.97	4.73	5.39	0.78	1.32	2.99	12.70	46.52	0.70	9.95	0.53	0.24	98.73	Other
44	15.46	4.82	5.44	0.79	1.36	3.28	12.79	47.16	0.74	10.09	0.55	0.25	100.59	Other
44	14.60	4.57	4.68	0.75	1.55	3.18	12.65	47.85	0.91	9.53	0.59	0.22	98.79	Katla (prehistoric)
45	14.74	4.45	5.29	0.76	1.47	3.26	13.06	47.65	0.78	9.96	0.53	0.28	100.01	Other
45	11.92	2.24	7.09	0.80	1.51	2.76	14.16	49.24	0.31	11.37	0.21	0.25	99.54	Other
45	10.71	1.51	1.83	0.37	2.46	4.21	13.69	60.27	1.69	5.08	0.69	0.32	100.00	Other
45	14.68	4.57	5.13	0.77	1.57	3.28	12.66	46.69	0.84	9.75	0.53	0.22	98.36	Katla (prehistoric)
45	14.98	4.86	5.21	0.78	1.43	3.57	12.81	47.76	0.82	9.99	0.57	0.24	100.81	Other
45	12.26	3.31	3.86	0.58	3.37	3.88	13.15	53.42	1.44	7.66	0.43	0.23	99.63	Other
45	12.78	3.18	6.85	0.88	0.98	3.16	14.16	48.41	0.44	12.45	0.45	0.23	102.11	Other

Supplementary Table 2 continued. Major element geochemical analyses of volcanic glass shards in section 3A.

Depth (cm)	FeO	TiO_2	MgO	CaO/ Al_2O_3	K_2O/ P_2O_5	Na_2O	Al_2O_3	SiO_2	K_2O	CaO	P_2O_5	MnO	Total	Provenance
45	15.12	4.77	5.20	0.80	1.11	3.30	12.67	46.64	0.65	10.08	0.58	0.28	99.30	Other
45	15.80	3.63	5.54	0.81	1.51	1.84	12.77	49.39	0.57	10.35	0.38	0.27	100.54	Other
46	5.84	1.32	1.13	0.20	9.54	5.18	14.06	65.99	3.01	2.83	0.32	0.20	99.86	Other
46	3.70	0.54	0.26	0.08	66.16	4.78	13.33	72.13	5.21	1.01	0.08	0.15	101.19	Other
46	15.00	4.75	5.42	0.79	1.19	3.14	12.66	47.21	0.69	9.98	0.57	0.29	99.70	Other
46	15.29	4.84	5.18	0.80	1.32	3.03	13.01	46.63	0.78	10.38	0.59	0.27	99.99	Other
46	11.48	1.76	2.05	0.40	2.53	4.01	13.60	58.77	2.16	5.42	0.85	0.31	100.41	Other
46	6.02	1.43	1.36	0.25	9.08	4.90	14.11	66.10	2.99	3.49	0.33	0.18	100.91	Other
46	14.77	4.49	5.22	0.75	1.50	3.17	12.71	47.28	0.74	9.55	0.50	0.25	98.70	Other
47	15.33	4.90	5.21	0.79	1.44	3.06	12.75	47.38	0.80	10.06	0.56	0.27	100.33	Other
47	13.61	2.86	6.62	0.69	1.44	2.90	14.96	46.93	0.43	10.25	0.30	0.23	99.10	Other
47	14.44	4.49	5.32	0.78	1.62	3.36	12.69	47.88	0.73	9.87	0.45	0.25	99.47	Other
47	14.25	2.94	4.68	0.40	0.92	3.06	13.80	52.11	0.71	5.53	0.78	0.29	98.15	Other
47	12.98	2.69	7.28	0.70	1.65	2.76	15.34	46.62	0.43	10.68	0.26	0.24	99.28	Other
47	9.92	2.39	2.44	0.38	3.64	4.93	14.59	57.07	3.02	5.60	0.83	0.31	101.09	Other
47	14.65	4.46	4.91	0.73	2.06	3.28	12.98	49.03	1.06	9.49	0.51	0.26	100.64	Katla (prehistoric)
47	6.74	1.33	1.25	0.19	14.88	5.61	14.40	62.22	5.23	2.71	0.35	0.31	100.15	Other
47	11.29	2.65	6.65	0.83	1.15	1.33	13.83	45.89	0.61	11.47	0.53	0.20	94.44	Other
47	11.66	2.81	7.07	0.73	1.10	2.29	14.91	48.52	0.61	10.82	0.56	0.20	99.46	Other
48	15.38	4.64	5.08	0.74	1.47	3.03	13.26	46.85	0.70	9.83	0.47	0.28	99.52	Katla (prehistoric)
48	10.59	0.73	14.83	8.03	-2.35	0.28	2.48	52.24	-0.04	19.88	0.02	0.24	101.25	Other
48	11.06	2.16	3.02	0.45	1.21	4.37	14.33	55.39	1.32	6.41	1.09	0.29	99.43	Other
48	15.11	4.66	5.02	0.75	2.31	3.03	12.73	47.85	1.19	9.51	0.52	0.25	99.88	Katla (prehistoric)
48	15.20	4.83	5.23	0.78	1.27	2.81	12.91	46.97	0.73	10.11	0.57	0.25	99.61	Other
48	10.66	3.08	2.79	0.43	5.66	4.39	14.22	54.87	3.59	6.07	0.64	0.27	100.59	Other
48	14.88	4.84	5.12	0.77	1.37	3.31	12.81	47.54	0.84	9.81	0.61	0.27	100.03	Katla (prehistoric)
48	11.51	2.08	3.05	0.44	1.06	3.69	14.84	54.50	1.13	6.53	1.06	0.31	98.70	Other
48	15.82	4.79	5.10	0.80	1.25	3.23	12.43	45.98	0.63	9.98	0.50	0.29	98.76	Other
48	14.99	4.58	4.79	0.72	1.64	3.01	12.75	47.71	0.89	9.18	0.54	0.27	98.72	Katla (prehistoric)

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