Supplementary Materials (Tables)

Fluid-rock interaction in the intraplate active seismic zone: Boon or bane?

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		Al_2O_3	Na_2O	FeO	CaO	MgO	K_2O	LOI	TiO_2
	C_o (KBH1_384-389, 392-394)	15.12	5.60	2.86	2.18	1.54	1.44	1.35	0.39
KBH1_378	**C_a**	21.34	5.56	9.24	6.06	5.15	1.31	4.96	1.46
	Slope	0.71	1.01	0.31	0.36	0.30	1.09	0.27	0.27
	Gain/loss	6.22	-0.04	6.38	3.89	3.61	-0.12	3.61	1.07
	Gain/loss relative to C_o	0.41	-0.01	2.23	1.78	2.35	-0.09	2.67	2.73
KBH1_379	**C_a**	16.40	4.03	8.08	4.47	8.83	0.58	10.08	0.90
	Slope	0.92	1.39	0.35	0.49	0.17	2.46	0.13	0.44
	Gain/loss	1.28	-1.57	5.22	2.29	7.29	-0.85	8.73	0.50
	Gain/loss relative to C_o	0.08	-0.28	1.83	1.05	4.75	-0.59	6.47	1.29
KBH1_380	**C_a**	13.47	2.38	3.77	1.15	3.94	3.19	6.08	0.32
	Slope	1.12	2.35	0.76	1.90	0.39	0.45	0.22	1.22
	Gain/loss	-1.65	-3.21	0.91	-1.03	2.41	1.75	4.73	-0.07
	Gain/loss relative to Co	-0.11	-0.57	0.32	-0.47	1.57	1.22	3.51	-0.18
KBH1_381	**C_a**	15.12	4.25	4.05	3.74	2.05	0.55	4.47	1.18
	Slope	1.00	1.32	0.71	0.58	0.75	2.61	0.30	0.33
	Gain/loss	0.00	-1.34	1.20	1.56	0.51	-0.89	3.12	0.79
	Gain/loss relative to C_o	0.00	-0.24	0.42	0.72	0.33	-0.62	2.31	2.02
KBH1_382	**C_a**	14.48	5.47	4.53	0.43	4.70	0.19	3.99	0.88
	Slope	1.04	1.02	0.63	5.08	0.33	7.54	0.34	0.45
	Gain/loss	-0.64	-0.12	1.67	-1.75	3.16	-1.25	2.64	0.49
	Gain/loss relative to C_o	-0.04	-0.02	0.58	-0.80	2.06	-0.87	1.96	1.24
KBH1_383	**C_a**	14.02	3.59	1.25	3.19	0.58	1.19	4.05	0.15
	Slope	1.08	1.56	2.29	0.68	2.65	1.21	0.33	2.56
	Gain/loss	-1.09	-4.65	-6.20	4.20	-4.36	-0.85	6.01	-0.61
	Gain/loss relative to C_o	-0.07	-0.83	-2.17	1.93	-2.84	-0.59	4.45	-1.55
KBH1_390	**C_a**	16.04	4.00	2.11	2.10	0.48	5.30	1.12	0.22
	Slope	1.06	0.72	0.74	0.96	0.31	3.69	0.83	0.56
	Gain/loss	0.91	-3.70	-2.90	-0.34	-4.83	13.46	-0.51	-0.44
	Gain/loss relative to C_o	0.06	-0.66	-1.01	-0.16	-3.14	9.37	-0.38	-1.13

Table S1. Mass Balance Calculation of the altered samples with respect to the average composition of the unaltered samples (C_O).

	Scale	C_O	C_a (KBH1_378)	C_a (KBH1_379)	C_a (KBH1_380)	C_a (KBH1_381)	C_a (KBH1_382)	C_a (KBH1_383)	C_a (KBH1_390)
Al_2O_3	0.99	15	21.17	16.27	13.36	15.00	14.36	13.91	15.91
Na_2O	2.32	13	12.92	9.36	5.54	9.88	12.72	8.35	9.30
FeO	3.85	11	35.55	31.10	14.52	15.60	17.42	4.80	8.10
CaO	4.13	9	25.05	18.48	4.74	15.44	1.77	13.20	8.66
MgO	4.56	7	23.47	40.24	17.97	9.33	21.41	2.64	2.17
K_2O	3.48	5	4.57	2.03	11.09	1.92	0.66	4.15	18.46
LOI	2.22	3	11.02	22.41	13.52	9.94	8.88	9.01	2.49
TiO_2	2.55	1	3.73	2.29	0.82	3.02	2.24	0.39	0.56

Table S2 Data scaled to even values in decreasing concentrations to avoid congestion in the isocon plots following (Grant, 2005)

References:

Grant, J.: Isocon analysis: A brief review of the method and applications, Physics and Chemistry of the Earth, Parts A/B/C, 30, 10.1016/j.pce.2004.11.003, 2005.