

97 / 1 .Grt core	344	223	237	197	266	316	778	254
98 / 1 .Grt core	380	224	237	211	256	315	780	253

Supplemental Table S1. Detection limiys of EMPA analyses in ppm.

Comment	X	Y	Z
IV12-05_pos01_1	12338	31291	-11
IV12-05_pos01_2	12139	31101	-11
IV12-05_pos01_3	12265	31074	-11
IV12-05_pos01_4	12459	31134	-13
IV12-05_pos01_6	12610	31094	-15
IV12-05_pos01_7	12558	31116	-15
IV12-05_pos01_8	12538	31188	-15
IV12-05_pos01_9	12767	31243	-19
IV12-05_pos01_10	12233	30928	-17
IV12-05_pos01_11	12234	30961	-17
IV12-05_pos01_12	12438	30987	-17
IV12-05_pos01_13	12543	30983	-17
IV12-05_pos01_14	12279	30999	-17
IV12-05_pos01_15	12348	30856	-17
IV12-05_pos01_16	12373	30891	-17
IV12-05_pos01_17	12184	30842	-17
IV12-05_pos01_18	17831	22603	-78
IV12-05_pos01_19	18042	22604	-78
IV12-05_pos01_20	17932	22531	-78
IV12-05_pos01_21	17947	22582	-78
IV12-05_pos01_22	18004	22759	-78
IV12-05_pos02_23	17724	22788	-73
IV12-05_pos02_24	17782	22708	-73
IV12-05_pos02_25	17861	22743	-73
IV12-05_pos02_26	17879	22703	-73
IV12-05_pos02_27	17865	22589	-77
IV12-05_pos02_28	18133	22696	-82
IV12-05_pos02_29	18227	22651	-85
IV12-05_pos02_30	17792	22633	-82
IV12-05_pos02_31	17829	22589	-82
IV12-05_pos02_32	17936	22758	-82
IV12-05_pos02_33	17947	22744	-82
IV12-05_pos02_34	17835	22554	-82
IV12-05_pos02_35	17835	22554	-82
IV12-05_pos02_36	17729	22638	-82
IV12-05_pos03_37	16696	16242	-102
IV12-05_pos03_38	16993	16635	-102
IV12-05_pos03_39	16934	16603	-99
IV12-05_pos03_40	16937	16448	-99
IV12-05_pos03_41	16945	16232	-103
IV12-05_pos03_42	16981	16233	-103
IV12-05_pos03_43	16912	16276	-103
IV12-05_pos03_44	16970	16277	-103
IV12-05_pos03_45	16731	16234	-103
IV12-05_pos03_46	17005	16257	-103
IV12-05_pos03_47	16581	16500	-103
IV12-05_grt1_c	16811	15481	-100
IV12-05_grt1_r	16648	15610	-100
IV12-05_pos04_48	2393	23044	12
IV12-05_pos04_49	2487	23203	12
IV12-05_pos04_50	2264	23191	12
IV12-05_pos04_51	2187	22927	12
IV12-05_pos04_52	2395	23026	12
IV12-05_pos04_53	2489	23188	12
IV12-05_pos04_54_c	2684	23008	12

IV12-05_pos04_55_c	2658	22820	12
IV12-05_pos04_56_c	2878	22833	12