



Figure A-1. BSE image of scapolite grain 22-JH-03 with location of EPMA analyses.

Table A-1: EPMA analyses of spots shown in Fig. A-1 and corresponding molar Cl/Br ratios. All concentrations are in wt.% except for Br, which is in  $\mu\text{g g}^{-1}$ .

Analysis	Na <sub>2</sub> O	CaO	K <sub>2</sub> O	FeO	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Cl	Br ( $\mu\text{g g}^{-1}$ )	CO <sub>2</sub>	TOTAL	Cl/Br (m)
22JH-03-1	6.73	12.07	0.59	0.10	51.44	25.12	1.73	322	2.18	100	121
22JH-03-2	7.63	10.89	0.57	0.00	52.64	24.45	2.12	2309	1.47	100	21
22JH-03-3	7.34	10.74	0.62	0.00	52.44	24.49	2.10	2093	2.05	100	23
22JH-03-4	8.42	9.48	0.60	0.01	53.51	23.92	2.42	4151	1.22	100	13
22JH-03-5	8.21	9.47	0.61	0.00	53.57	24.08	2.40	2733	1.38	100	20
22JH-03-6	7.91	9.98	0.62	0.00	53.22	24.13	2.33	2720	1.52	100	19
22JH-03-7	7.97	10.07	0.67	0.03	53.39	23.98	2.36	3734	1.17	100	14
22JH-03-8	8.12	9.78	0.59	0.00	53.20	24.12	2.30	4014	1.49	100	13