

APPENDIX 3

Representative electron microprobe analyses of Bi-sulphosalt minerals from the Kyaukse Sabe Taung deposit

Analysis (wt %)	Sb L α	S K α	Pb M α	Cu K α	Bi M α	Fe K α	Se K α	Total	minerals
1	0.17	16.92	31.85	10.54	42.59	0.37	0.10	102.56	F-A
2	0.18	16.80	30.43	10.75	42.89	0.72	bdl	101.77	F-A
3	0.07	16.70	29.52	10.48	43.04	0.67	bdl	100.50	Friedrichite
4	0.27	17.07	26.65	8.46	48.94	0.10	0.08	101.56	H-F
5	0.31	17.08	25.11	8.59	49.01	0.08	0.04	100.22	H-F
6	0.28	17.20	25.85	8.44	49.37	0.14	0.14	101.44	H-F
7	0.18	17.20	23.47	8.15	51.92	0.40	0.03	101.40	Hammarite
8	0.23	17.16	24.80	8.36	50.74	0.32	0.22	101.83	Hammarite
9	0.18	16.83	30.72	10.34	42.60	0.41	bdl	101.09	F-A
10	bdl	16.73	30.11	9.96	42.51	0.14	0.11	99.57	F-A
11	0.31	17.04	26.89	8.47	48.93	0.11	bdl	101.75	H-F
12	0.30	17.15	26.50	8.34	48.89	0.04	0.15	101.37	H-F
13	0.03	17.02	27.69	9.63	47.40	0.91	0.08	102.76	H-F
14	0.15	17.02	26.34	9.22	47.59	0.42	0.07	100.81	H-F
15	0.35	17.17	26.29	8.56	49.33	bdl	0.16	101.85	H-F
16	0.35	17.05	26.19	8.63	49.06	0.03	0.07	101.40	H-F
17	0.27	17.23	27.09	8.96	47.96	0.09	bdl	101.61	H-F
18	0.36	17.11	25.68	8.58	48.90	0.01	0.13	100.76	H-F
19	0.35	16.89	25.77	8.50	49.37	0.06	0.03	100.98	H-F
20	0.29	16.99	29.22	9.74	45.14	0.23	0.14	101.75	H-F
21	0.29	17.03	28.02	9.22	46.63	0.23	bdl	101.42	H-F
22	bdl	17.05	28.75	9.46	45.99	0.74	0.11	102.12	H-F
23	0.25	16.94	28.15	9.13	46.99	0.17	0.05	101.69	H-F
24	0.29	16.96	28.93	9.44	45.97	0.09	0.05	101.72	H-F
25	0.14	16.97	28.50	9.54	46.00	0.47	0.15	101.77	H-F
26	0.08	17.03	30.44	9.90	44.62	0.44	bdl	102.51	H-F

bdl - Below the detection limits. (Ag, Au and Te were below the detection limits)

H-F = Hammarite – Friedrichite

F-A = Friedrichite - Aikinite