

APPENDIX 2

Selected Electron Microprobe Analyses of the Tetrahedrite grains from Kyaukse Sabe Taung deposit
(in wt.%, upper row) and apfu (lower row)

Analysis	S K α	Sb L α	Hg M α	Ag L α	Bi M α	Cu K α	Zn K α	Fe K α	As L α	Co K α	Ni K α	Total
1	24.83	26.75	0.14	0.05	0.47	39.54	1.87	4.28	1.49	bdl	bdl	99.42
	12.93	3.67	0.01	0.01	0.04	10.39	0.48	1.28	0.33	0.00	0.00	
2	24.66	26.41	0.11	0.06	0.54	39.46	1.82	4.17	1.42	0.20	0.03	98.87
	13.04	3.68	0.01	0.01	0.04	10.53	0.47	1.27	0.32	0.06	0.01	
3	24.83	26.42	0.15	0.05	0.56	39.44	1.90	4.26	1.46	0.24	bdl	99.35
	13.10	3.67	0.01	0.01	0.05	10.50	0.49	1.29	0.33	0.07	0.00	
4	24.78	26.46	0.11	0.11	0.57	39.53	1.82	4.31	1.54	0.21	bdl	99.44
	13.00	3.65	0.01	0.02	0.05	10.46	0.47	1.30	0.35	0.06	0.00	
5	24.76	26.66	0.11	bdl	0.51	39.41	1.89	4.25	1.45	0.26	bdl	99.32
	12.96	3.67	0.01	0.00	0.04	10.41	0.49	1.28	0.33	0.08	0.00	
6	24.80	26.59	0.11	0.04	0.53	39.47	1.83	4.25	1.51	0.25	bdl	99.39
	12.97	3.66	0.01	0.01	0.04	10.41	0.47	1.28	0.34	0.07	0.00	
7	24.78	26.72	0.16	0.04	0.60	39.34	1.88	4.23	1.51	0.24	bdl	99.51
	12.90	3.66	0.01	0.01	0.05	10.33	0.48	1.26	0.34	0.07	0.00	
8	24.77	26.41	0.17	0.03	0.54	39.55	1.89	4.29	1.53	0.27	bdl	99.44
	13.02	3.68	0.01	0.00	0.04	10.49	0.49	1.29	0.34	0.08	0.00	
9	24.89	26.47	0.11	0.03	0.53	39.39	1.83	4.39	1.63	0.31	bdl	99.58
	12.99	3.64	0.01	0.00	0.04	10.37	0.47	1.31	0.36	0.09	0.00	
10	24.78	26.90	0.12	0.03	0.56	39.38	1.76	4.35	1.45	0.26	bdl	99.58
	12.87	3.68	0.01	0.00	0.04	10.32	0.45	1.30	0.32	0.07	0.00	
11	24.92	26.66	0.15	0.02	0.53	39.31	1.80	4.40	1.50	0.23	bdl	99.51
	13.01	3.67	0.01	0.00	0.04	10.36	0.46	1.32	0.33	0.07	0.00	
12	24.80	26.62	0.15	0.05	0.47	39.41	1.87	4.39	1.68	0.13	bdl	99.56
	12.84	3.63	0.01	0.01	0.04	10.29	0.47	1.31	0.37	0.04	0.00	
13	25.25	26.57	0.15	0.32	0.52	40.17	1.82	3.86	1.41	0.13	bdl	100.20
	13.29	3.68	0.01	0.05	0.04	10.67	0.47	1.17	0.32	0.04	0.00	
14	24.89	26.60	0.12	0.04	0.53	39.39	1.85	4.53	1.43	0.17	bdl	99.56
	13.07	3.68	0.01	0.01	0.04	10.43	0.48	1.37	0.32	0.05	0.00	
15	24.80	26.67	0.13	bdl	0.50	39.58	1.82	4.33	1.37	0.09	bdl	99.31
	13.03	3.69	0.01	0.00	0.04	10.50	0.47	1.31	0.31	0.02	0.00	
16	24.65	26.62	0.16	0.04	0.50	39.52	1.84	4.27	1.61	0.12	bdl	99.33
	12.81	3.64	0.01	0.01	0.04	10.36	0.47	1.27	0.36	0.03	0.00	
17	24.90	26.92	0.08	0.03	0.55	39.51	1.86	4.26	1.36	0.10	bdl	99.55
	12.99	3.70	0.01	0.00	0.04	10.40	0.47	1.27	0.30	0.03	0.00	
18	24.83	26.74	0.18	0.05	0.48	39.42	1.85	4.35	1.50	0.09	0.03	99.50
	12.93	3.67	0.01	0.01	0.04	10.36	0.47	1.30	0.33	0.03	0.01	
Min	24.65	26.41	0.08	bdl	0.47	39.31	1.76	3.86	1.36	bdl	bdl	98.87
	12.81	3.68	0.01	0.00	0.04	10.36	0.45	1.17	0.30	0.00	0.00	
Max	25.25	26.92	0.18	0.32	0.60	40.17	1.90	4.53	1.68	0.31	0.03	100.20
	13.29	3.70	0.01	0.05	0.05	10.67	0.49	1.37	0.37	0.09	0.01	
Ava.	24.83	26.62	0.13	0.06	0.53	39.49	1.44	4.29	1.49	0.18	bdl	99.47
	12.99	3.67	0.01	0.01	0.04	10.42	0.47	1.29	0.33	0.05	0.00	

bdl - below the detection limits. (Pb and Te were below the detection limits)
(Chemical formula calculated on the basis of Sb + As = 4 atoms.)