

Table XXXVI: Spectrographic analyses of tetrahedrite

	1	3	5	7	12	13	15	16	17	18	20	21	22	23	24	25
Boron	-	-	-	-	tr	-	-	-	-	-	-	-	-	-	-	-
Silicon	.12	.032	.06	.2	.024	.20	.06	.03	.016	.04	.12	.06	.12	.40	.30	.30
Aluminum	-	tr	tr	tr	-	tr	.02	tr	-	tr	tr	tr	.01	.04	tr	-
Magnesium	tr	-	tr	-	-	tr	-	tr	.005	tr	tr	tr	tr	tr	tr	tr
Calcium	tr	.03	tr	tr	.005	tr	-	-	-	-	tr	-	-	-	-	tr
Iron	.2	.7	.26	.4	4.0	.45	.007	.54	1.5	.4	.225	.006	.4	.4	.54	.11
Manganese	.025	.40	.40	.005	.04	.2	.007	.006	.002	.007	.4	.025	.001	.002	.4	.002
Zinc	-	.9	2.5	2.5	.9	1.2	.1	1.0	1.2	2.5	1.0	2.5	2.5	2.5	1.2	-
Cadmium	.05	-	.03	.05	.3	.03	.01	.02	.1	.05	.01	.1	.1	.05	.02	.1
Lead	.20	.01	.08	1.95	-	.12	3.0	-	.05	.02	.04	.45	.2	1.2	.04	.75
Copper	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Silver	.1	1.0	1.0	1.0	1.0	1.0	.01	1.0	.1	1.0	.1	1.0	1.0	1.0	1.0	1.0
Bismuth	-	tr	-	.15	1.0	.3	tr	.8	3.0	.5	.02	tr	tr	tr	.5	.03
Mercury	tr	-	-	.90	-	.5	-	-	.15	1.0	.7	.5	.7	.6	.6	.9
Antimony	10	10	10	10		6.5	10	10	10	10	5	10	10	10	10	10
Arsenic	6.0	.05	10	3.0	8.0	3.0	4.0	6.0	6.0	4.0	8.0	6.0	3.0	2.0	6.0	3.0
Tin	-	-	-	-	-	.002	-	-	-	-	.10	-	-	-	-	-
Molybdenum	tr	-	tr	-	-	tr	.004	.002	-	-	-	-	-	-	-	tr
Indium	tr	-	.005	.02	.025	.02	-	-	.025	.02	.005	tr	-	-	-	tr
Thallium	-	-	-	-	-	-	-	.16	-	-	-	-	-	-	-	-

Elements looked for but not found: alkalis: Be, Sr, Ba, Ti, V, Cr, Co, Ni, Au, Te, Zr, Hf, Nb, Ta, W, Re, Pt, Sc, Y, Th, U, B, P, Ga, Ge.

Localities

1.	Caldera vein,	Caldera level,	Lira mina,	specimen C-145
3.	Lira vein,	" "	" "	" C-149
5.	Mata Caballo vein,	480 level,	Sta. Teresita mine,	" C-187
7.	Caudalosa vein,	Pompeyo level,	Caudalosa mine,	" C-37
12.	" "	570 level,	" "	" C-219
13.	" "	530 level,	" "	" C-230
15.	" "	570 level,	" "	" C-160
16.	San Pedro vein,	640 level	" "	" C-108
17.	" " "	610 level	" "	" C-90
18.	" " "	" "	" "	" C-241
20.	Bonanza vein,	Dump	Bonanza mine,	" C-117B
21.	Entrada vein,	580 level,	Madona mine,	" C-180
22.	San Julián Norte vein,	A level,	San Genaro mine,	" C-283
23.	San Julián vein,	San Genaro level,	" " "	" C-25
24.	" " "	" " "	" " "	" C-191
25.	" " "	" " "	" " "	" C-190

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