

LAB. NO.	17	18	19	20	21	22	23	24
SAMPLE NO:	104B-869 017	104B-869 018	104B-869 019	104B-869 020	104B-869 021	104B-869 022	104B-869 023	104B-869 024
SiO ₂ % :	59.4	84.4	83.7	62.8	65.0	57.4	72.8	76.4
TiO ₂ % :	1.03	0.20	0.07	0.73	0.28	1.17	0.25	0.26
Al ₂ O ₃ % :	12.6	6.67	2.68	18.0	11.9	15.6	13.9	12.6
Fe ₂ O ₃ T % :	7.50	2.07	1.21	5.90	5.10	14.0	2.60	3.20
Fe ₂ O ₃ % :	4.1			4.9		10.1	0.7	0.6
FeO % :	3.1			0.9		3.5	1.7	2.3
MnO % :	0.13	0.01	0.01	0.03	0.02	0.09	0.05	0.06
MgO % :	6.33	0.34	0.13	1.06	0.28	2.50	0.46	0.82
CaO % :	4.14	0.11	0.05	1.24	0.19	1.21	0.79	0.67
Na ₂ O % :	2.50	0.02	0.00	3.80	0.13	3.10	3.90	1.10
K ₂ O % :	1.87	1.97	0.64	3.68	7.43	2.29	1.73	2.52

H ₂ O _T % :	3.4			2.4		3.2	2.0	2.5
CO ₂ T % :	1.3	0.0	0.1	0.5	0.0	0.3	2.0	0.7
P ₂ O ₅ % :	0.25	0.08	0.07	0.07	0.17	0.22	0.03	0.02
S % :	0.02	1.35	2.21	0.00	3.11	0.01	0.02	0.03

BA ppm :	650	1500	22000	1600	28000	960	500	670
BE ppm :	5.8	0.7	0.3	1.8	0.9	1.9	1.9	2.0
CO ppm :	36	5	4	16	6	21	3	3
CR ppm :	370	28	7	14	8	45	7	7
CU ppm :	57	18	290	12	44	20	5	5
LA ppm :	29	5	2	28	6	28	20	19
NI ppm :	290	0	0	5	0	18	3	3
SR ppm :	410	14	280	320	140	170	140	52
V ppm :	120	47	21	51	100	150	15	19
YB ppm :	3.6	0.4	0.1	2.7	0.7	4.7	4.4	6.6
ZN ppm :	140	120	3900	60	140	140	51	51
TOTALS	100.4	97.4	93.5	100.3	96.4	100.9	100.4	100.7

COMMENTS:

- * ALL ANALYSIS BY ICP, EXCEPT FeO, H₂O_T, CO₂T, CO₂, C, S AND LOI BY CHEMICAL METHODS.
- * FE₂O₃ IS CALCULATED USING FE₂O₃=FE₂O₃T(ICP)-1.11134*FeO(VOLUMETRIC).
- * ICP-MJ1 DATA ARE OBTAINED ON 0.5 G OF SAMPLE FUSED WITH LITHIUM METABORATE, DISSOLVED IN 5% HNO₃ AND DILUTED TO 250 ML.
- * ICP-TR1 DATA ARE OBTAINED ON 1.0 G OF SAMPLE (ACID + FUSION OF RESIDUE) DISSOLVED IN 10% HCL AND DILUTED TO 100 ML.

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Sulphurets