

附表1 二道河子矿床银矿物的电子探针测试结果(%)
Attached table 1 EPMA results (%) of silver minerals from the Erdaohesi deposit

Table with 15 columns: 矿物名称 (Mineral Name), 编号 (No.), As, S, Fe, Se, Pb, Cu, Ag, Zn, Cd, Te, Au, Sb, Ni, Co, Total, 分子式 (Chemical Formula). Rows list various silver minerals like 砷黝铜矿, 黝铜矿, 含银黝铜矿, etc., with their corresponding EPMA results and chemical formulas.

注:“-”为未达到检测限,“-”低于检测限。

续附表 1

矿物名称	编号	As	S	Fe	Se	Pb	Cu	Ag	Zn	Cd	Te	Au	Sb	Ni	Co	Total	分子式
硫锑铜银矿	30-15-3-1	3.57	16.59	0.06	0.05	0.11	7.77	66.27	0.11	0.58	-	0.14	4.14	0.02	0.03	99.43	(Ag _{13.06} Cu _{2.60}) _{15.66} (Sb _{0.72} As _{1.01}) _{1.74} S ₁₁
硫锑铜银矿	30-15-3-2	0.30	15.66	0.20	0.07	0.06	6.82	67.43	0.05	0.58	-	0.13	7.71	0.02	0.04	99.03	(Ag _{14.08} Cu _{2.42}) _{16.46} (Sb _{1.43} As _{0.09}) _{1.51} S ₁₁
硫锑铜银矿	30-15-3-10	2.18	15.18	0.07	0.05	0.05	7.02	68.54	2.08	0.67	-	-	5.92	0.04	-	101.78	(Ag _{14.76} Cu _{2.57}) _{17.33} (Sb _{1.13} As _{0.68}) _{1.81} S ₁₁
硫锑铜银矿	30-15-3-11	0.48	15.60	0.28	0.05	0.09	7.40	66.91	0.11	0.57	-	-	8.55	-	0.05	100.08	(Ag _{14.03} Cu _{2.63}) _{16.66} (Sb _{1.50} As _{0.14}) _{1.73} S ₁₁
硫锑铜银矿	30-15-3-15	1.27	15.87	0.08	-	0.08	9.25	64.14	2.06	0.55	-	-	7.41	0.02	-	100.73	(Ag _{13.21} Cu _{3.24}) _{16.45} (Sb _{1.33} As _{0.38}) _{1.73} S ₁₁
硫锑铜银矿	30-15-3-16	0.17	16.48	0.21	0.07	0.26	6.58	72.92	0.94	0.72	-	-	3.20	-	-	101.60	(Ag _{14.47} Cu _{2.22}) _{16.69} (Sb _{0.58} As _{0.05}) _{0.61} S ₁₁
硫锑铜银矿	30-0-1-1	0.47	14.44	-	0.02	0.05	6.03	69.26	0.19	0.58	-	-	8.45	0.01	0.05	99.55	(Ag _{15.69} Cu _{2.23}) _{18.01} (Sb _{1.63} As _{0.15}) _{1.83} S ₁₁
硫锑铜银矿	30-0-1-2	0.39	14.26	-	0.01	0.10	4.54	71.16	0.34	0.60	-	-	7.66	0.01	0.02	99.09	(Ag _{16.32} Cu _{1.76}) _{18.08} (Sb _{1.58} As _{0.13}) _{1.63} S ₁₁
硫锑铜银矿	30-0-1-3	0.52	15.49	0.02	0.00	0.14	5.42	71.31	0.03	0.57	-	-	8.02	0.07	0.01	101.60	(Ag _{15.05} Cu _{1.94}) _{16.99} (Sb _{1.50} As _{0.16}) _{1.63} S ₁₁
硫锑铜银矿	30-0-1-4	3.29	16.04	0.48	-	0.14	9.01	67.74	0.08	0.53	-	-	4.10	0.02	0.07	101.50	(Ag _{13.81} Cu _{3.12}) _{16.93} (Sb _{0.71} As _{0.97}) _{1.71} S ₁₁
硫锑铜银矿	30-0-1-5	0.25	15.35	1.11	-	0.14	9.36	65.68	0.03	0.49	-	-	8.26	-	0.02	100.69	(Ag _{13.99} Cu _{3.39}) _{17.38} (Sb _{1.58} As _{0.08}) _{1.64} S ₁₁
硫锑铜银矿	30-0-1-7	0.39	16.13	1.19	-	0.20	9.29	65.25	0.06	0.52	-	-	8.82	-	-	101.85	(Ag _{13.22} Cu _{3.20}) _{16.42} (Sb _{1.58} As _{0.11}) _{1.70} S ₁₁
硫锑铜银矿	30-0-1-9	0.38	15.11	0.23	0.03	0.07	6.90	69.14	0.60	0.50	-	-	8.56	0.12	0.05	101.75	(Ag _{14.96} Cu _{2.53}) _{17.49} (Sb _{1.64} As _{0.12}) _{1.70} S ₁₁
硫锑铜银矿	30-0-1-11	4.28	15.42	0.06	0.07	0.09	6.46	68.77	0.02	0.51	0.72	0.14	2.59	0.05	0.02	99.19	(Ag _{14.58} Cu _{2.32}) _{16.91} (Sb _{0.49} As _{1.31}) _{1.70} S ₁₁
硫锑铜银矿	30-0-1-12	5.37	16.65	0.03	0.03	0.18	7.57	67.85	0.07	0.50	0.28	-	2.07	0.01	-	100.59	(Ag _{13.33} Cu _{2.52}) _{15.85} (Sb _{0.36} As _{1.32}) _{1.88} S ₁₁
硫锑铜银矿	30-0-1-14	0.48	14.50	0.69	0.07	0.11	6.61	70.48	0.02	0.51	-	0.15	8.17	-	0.01	101.78	(Ag _{15.90} Cu _{2.53}) _{18.43} (Sb _{1.63} As _{0.15}) _{1.70} S ₁₁
硫锑铜银矿	30-0-1-15	3.26	15.74	0.26	-	0.11	8.51	67.95	0.04	0.53	-	0.03	4.13	-	-	100.55	(Ag _{14.11} Cu _{3.00}) _{17.11} (Sb _{0.70} As _{0.97}) _{1.73} S ₁₁
硫锑铜银矿	30-0-1-16	2.98	14.86	0.28	0.08	0.03	7.45	71.20	0.18	0.54	-	-	4.01	-	-	101.59	(Ag _{15.67} Cu _{2.78}) _{18.45} (Sb _{0.78} As _{0.84}) _{1.73} S ₁₁
硫锑铜银矿	30-15-2G-1	2.21	15.88	0.20	-	0.05	4.86	70.98	0.07	0.55	-	0.11	5.17	0.03	-	100.09	(Ag _{14.62} Cu _{1.70}) _{16.32} (Sb _{0.94} As _{0.65}) _{1.60} S ₁₁
硫锑铜银矿	30-15-2G-2	0.68	14.62	0.07	0.00	0.06	4.86	72.37	0.03	0.55	-	-	7.39	-	-	100.63	(Ag _{16.18} Cu _{1.84}) _{18.03} (Sb _{1.44} As _{0.22}) _{1.68} S ₁₁
硫锑铜银矿	30-15-2G-4	0.55	14.88	0.12	0.05	0.13	3.93	72.97	0.12	0.63	-	-	6.61	-	0.02	100.10	(Ag _{16.04} Cu _{1.47}) _{17.50} (Sb _{1.29} As _{0.17}) _{1.44} S ₁₁
硫锑铜银矿	30-15-2G-6	1.10	15.16	-	-	0.02	7.14	68.55	0.14	0.56	-	0.02	7.58	0.01	-	100.27	(Ag _{14.79} Cu _{2.62}) _{17.41} (Sb _{1.45} As _{0.34}) _{1.70} S ₁₁
硫锑铜银矿	30-15-2G-9	1.09	15.13	-	-	0.08	6.25	69.59	0.15	0.57	-	0.27	7.09	0.11	0.02	100.33	(Ag _{15.04} Cu _{2.20}) _{17.33} (Sb _{1.36} As _{0.34}) _{1.70} S ₁₁
深红银矿	10-7-6-2	6.03	18.25	0.38	0.07	0.07	0.11	61.71	4.09	0.52	-	0.07	10.44	-	0.07	101.73	(Ag _{3.02} Zn _{0.33}) _{3.34} (Sb _{0.45} As _{0.42}) _{0.88} S ₃
深红银矿	10-7-6-5	0.31	17.33	0.32	0.02	0.13	0.18	59.89	3.91	0.50	-	0.07	17.89	0.03	-	100.57	(Ag _{3.08} Zn _{0.33}) _{3.41} (Sb _{0.82} As _{0.02}) _{0.84} S ₃
深红银矿	30-0-5-2	0.25	17.35	0.37	-	0.07	0.17	60.54	3.97	0.51	-	-	17.90	-	-	101.13	(Ag _{3.11} Zn _{0.34}) _{3.45} (Sb _{0.82} As _{0.02}) _{0.83} S ₃
辉银矿	30-27-1-2	0.01	11.10	0.39	0.04	0.05	0.64	84.12	3.68	0.62	0.13	-	-	0.10	0.04	100.91	(Ag _{2.25} Zn _{0.16}) _{2.42} S
辉银矿	30-27-1-4	0.06	14.11	0.43	-	0.12	0.90	80.94	3.77	0.62	0.08	-	-	-	0.04	101.06	(Ag _{1.71} Zn _{0.13}) _{1.84} S
辉银矿	30-27-1-5	0.01	12.39	0.42	0.08	0.11	0.96	83.40	3.23	0.81	0.13	0.07	-	-	-	101.62	(Ag _{2.00} Zn _{0.13}) _{2.13} S
辉银矿	30-27-1-6	-	13.20	0.10	0.02	0.19	0.00	84.67	2.45	0.60	0.12	-	-	-	-	101.36	(Ag _{1.91} Zn _{0.09}) _{2.00} S
辉银矿	30-0-5-3	-	13.38	1.08	-	-	-	84.97	0.76	0.95	-	0.11	0.12	-	-	101.37	(Ag _{1.89} Zn _{0.03}) _{1.92} S

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