

Article

Investigation of Trace and Critical Elements (Including Actinides) in Flotation Sulphide Concentrates of Kassandra Mines (Chalkidiki, Greece)

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Table S1. Quality QA/QC of assay results.

Analyte	Unit	MDL	STD DS9	STD OREAS45EA	STD SO-18	STD SO-18	BLK	BLK	QUARTZ_ANK
			STD	STD	STD	STD	BLK	BLK	Prep Blank
Ba	PPM	1			491	493		<1	1
Be	PPM	1			<1	<1		<1	<1
Co	PPM	0.2			25.4	25.1		<0.2	0.5
Cs	PPM	0.1			6.7	6.7		<0.1	<0.1
Ga	PPM	0.5			16.2	15.2		<0.5	1.5
Hf	PPM	0.1			8.8	9.1		<0.1	<0.1
Nb	PPM	0.1			18.4	17.6		<0.1	1.0
Rb	PPM	0.1			26.2	25.7		<0.1	0.6
Sn	PPM	1			14	15		<1	<1
Sr	PPM	0.5			393.3	379.0		<0.5	<0.5
Ta	PPM	0.1			6.5	6.2		<0.1	<0.1
Th	PPM	0.2			10.3	9.6		<0.2	<0.2
U	PPM	0.1			16.4	15.7		<0.1	0.2
V	PPM	8			197	188		<8	<8
W	PPM	0.5			12.2	13.4		<0.5	<0.5
Zr	PPM	0.1			281.5	274.5		0.1	1.8
Y	PPM	0.1			30.2	28.4		<0.1	1.6
La	PPM	0.1			12.2	11.6		<0.1	0.2
Ce	PPM	0.1			26.8	26.3		<0.1	0.6
Pr	PPM	0.02			3.20	3.20		<0.02	0.04
Nd	PPM	0.3			12.9	13.1		<0.3	<0.3
Sm	PPM	0.05			2.87	2.57		<0.05	0.07
Eu	PPM	0.02			0.81	0.80		<0.02	<0.02
Gd	PPM	0.05			3.07	2.93		<0.05	0.15
Tb	PPM	0.01			0.44	0.45		<0.01	0.03
Dy	PPM	0.05			2.91	2.60		<0.05	0.22
Ho	PPM	0.02			0.56	0.58		<0.02	0.05
Er	PPM	0.03			1.65	1.58		<0.03	0.16
Tm	PPM	0.01			0.25	0.25		<0.01	0.02
Yb	PPM	0.05			1.67	1.71		<0.05	0.13
Lu	PPM	0.01			0.27	0.23		<0.01	0.02
Mo	PPM	0.1	13.0	1.2			<0.1		0.4
Cu	PPM	0.1	108.8	694.8			<0.1		2.5
Pb	PPM	0.1	127.8	13.9			0.5		0.6
Zn	PPM	1	335	30			14		9
Ni	PPM	0.1	40.0	383.6			<0.1		0.4
As	PPM	0.5	30.3	9.6			0.7		0.8
Cd	PPM	0.1	2.4	<0.1			<0.1		<0.1
Sb	PPM	0.1	4.8	0.3			0.3		<0.1
Bi	PPM	0.1	7.6	0.3			<0.1		<0.1
Ag	PPM	0.1	1.8	0.3			<0.1		<0.1
Au	PPB	0.5	81.8	46.9			<0.5		<0.5
Hg	PPM	0.01	0.24	0.01			0.01		0.01
Tl	PPM	0.1	5.2	<0.1			<0.1		<0.1
Se	PPM	0.5	7.3	<0.5			<0.5		<0.5