Labmix24 GmbH
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Au <1 ppm, Zn-Pb-Ag sulphide ore, Matrix: pyritic tailings, Mineralisation Style: volcanic hosted massive sulphide

Art. ID	OREAS-630b-X
Unit	on request
Deliverydetails	No Dangerous Good

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Zinc (Zn)	[7440-66-6]	1,11	%	Oxidising Fusion XRF	
	Lead (Pb)	[7439-92-1]	0,442	%	Oxidising Fusion XRF	
	Aluminium(III) oxide (Al2O3)		9,79	%	Oxidising Fusion XRF	
	Barium oxide (BaO)		7,57	%	Oxidising Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	2,2	%	Oxidising Fusion XRF	
	Iron (Fe)	[7439-89-6]	6,24	%	Oxidising Fusion XRF	
	Potassium oxide (K2O)		2,23	%	Oxidising Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	1,44	%	Oxidising Fusion XRF	
	Manganese (Mn)	[7439-96-5]	3,49	%	Oxidising Fusion XRF	
	Sodium oxide (Na2O)	[1313-59-3]	0,969	%	Oxidising Fusion XRF	
	Phosphorus(V) oxide (P2O5)		0,104	%	Oxidising Fusion XRF	
	Sulfur (S)	[7704-34-9]	6,92	%	Oxidising Fusion XRF	
	Silicon dioxide (SiO2)	[7631-86-9]	46,32	%	Oxidising Fusion XRF	
	Titanium dioxide (TiO2)	[13463-67-7]	0,404	%	Oxidising Fusion XRF	
	Aluminium (Al)	[7429-90-5]	5,11	%	Borate / Peroxide Fu	

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					sion ICP
	Calcium (Ca)	[7440-70-2]	1,59	%	Borate / P eroxide Fu sion ICP
	Iron (Fe)	[7439-89-6]	6,13	%	Borate / P eroxide Fu sion ICP
	Potassium (K)	[7440-09-7]	1,82	%	Borate / P eroxide Fu sion ICP
	Magnesium (Mg)	[7439-95-4]	0,837	%	Borate / P eroxide Fu sion ICP
	Manganese (Mn)	[7439-96-5]	3,46	%	Borate / P eroxide Fu sion ICP
	Phosphorus (P)	[7723-14-0]	0,052	%	Borate / P eroxide Fu sion ICP
	Lead (Pb)	[7439-92-1]	0,432	%	Borate / P eroxide Fu sion ICP
	Sulfur (S)	[7704-34-9]	6,16	%	Borate / P eroxide Fu sion ICP
	Silicon (Si)	[7440-21-3]	21,62	%	Borate / P eroxide Fu sion ICP
	Titanium (Ti)	[7440-32-6]	0,237	%	Borate / P eroxide Fu sion ICP
	Zinc (Zn)	[7440-66-6]	1,11	%	Borate / P eroxide Fu sion ICP
	Aluminium (Al)	[7429-90-5]	5,08	%	4-Acid Dig estion
	Calcium (Ca)	[7440-70-2]	1,56	%	4-Acid Dig estion

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	Iron (Fe)	[7439-89-6]	6,12	%	4-Acid Digestion
	Potassium (K)	[7440-09-7]	1,79	%	4-Acid Digestion
	Magnesium (Mg)	[7439-95-4]	0,837	%	4-Acid Digestion
	Manganese (Mn)	[7439-96-5]	3,39	%	4-Acid Digestion
	Sodium (Na)	[7440-23-5]	0,721	%	4-Acid Digestion
	Phosphorus (P)	[7723-14-0]	0,045	%	4-Acid Digestion
	Lead (Pb)	[7439-92-1]	0,411	%	4-Acid Digestion
	Sulfur (S)	[7704-34-9]	5,17	%	4-Acid Digestion
	Titanium (Ti)	[7440-32-6]	0,2	%	4-Acid Digestion
	Zinc (Zn)	[7440-66-6]	1,11	%	4-Acid Digestion
	Aluminium (Al)	[7429-90-5]	1,09	%	Aqua Regia Digestion
	Calcium (Ca)	[7440-70-2]	1,46	%	Aqua Regia Digestion
	Iron (Fe)	[7439-89-6]	5,79	%	Aqua Regia Digestion
	Potassium (K)	[7440-09-7]	0,297	%	Aqua Regia Digestion
	Magnesium (Mg)	[7439-95-4]	0,609	%	Aqua Regia Digestion
	Manganese (Mn)	[7439-96-5]	3,18	%	Aqua Regia Digestion
	Sodium (Na)	[7440-23-5]	0,048	%	Aqua Regia Digestion
	Phosphorus (P)	[7723-14-0]	0,044	%	Aqua Regia Digestion
	Lead (Pb)	[7439-92-1]	0,408	%	Aqua Regia Digestion

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	Sulfur (S)	[7704-34-9]	5,19	%	Aqua Regia Digestion
	Titanium (Ti)	[7440-32-6]	0,069	%	Aqua Regia Digestion
	Zinc (Zn)	[7440-66-6]	1,1	%	Aqua Regia Digestion
	Loss on Ignition (L.O.I.) (1000 °C)		11,46	%	Thermogravimetry
	Sulfur (S)	[7704-34-9]	6,87	%	Infrared Combustion