

Blank/lithogeochem/low-level, Matrix: basalt, Mineralisation Style: barren

Art. ID OREAS-30a-X
Unit on request
Deliverydetails No Dangerous Good

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium(III) oxide (Al ₂ O ₃)		15,17	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	8,23	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		11,78	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		2,04	%	Borate Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	7,88	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,158	%	Borate Fusion XRF	
	Sodium oxide (Na ₂ O)	[1313-59-3]	3,15	%	Borate Fusion XRF	
	Phosphorus(V) oxide (P ₂ O ₅)		0,591	%	Borate Fusion XRF	
	Silicon dioxide (SiO ₂)	[7631-86-9]	46,97	%	Borate Fusion XRF	
	Sulphur trioxide (SO ₃)		0,103	%	Borate Fusion XRF	
	Titanium dioxide (TiO ₂)	[13463-67-7]	2,09	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		1,68	%	Thermogravimetry	
	Sulfur (S)	[7704-34-9]	0,04	%	Infrared Combustion	
	Aluminium (Al)	[7429-90-5]	7,88	%	Borate / Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	5,71	%	Borate / Peroxide Fusion ICP	

					sion ICP
Iron (Fe)	[7439-89-6]	8,12	%		Borate / P eroxide Fu sion ICP
Potassium (K)	[7440-09-7]	1,68	%		Borate / P eroxide Fu sion ICP
Magnesium (Mg)	[7439-95-4]	4,69	%		Borate / P eroxide Fu sion ICP
Manganese (Mn)	[7439-96-5]	0,117	%		Borate / P eroxide Fu sion ICP
Phosphorus (P)	[7723-14-0]	0,257	%		Borate / P eroxide Fu sion ICP
Silicon (Si)	[7440-21-3]	21,87	%		Borate / P eroxide Fu sion ICP
Titanium (Ti)	[7440-32-6]	1,22	%		Borate / P eroxide Fu sion ICP
Aluminium (Al)	[7429-90-5]	7,9	%		4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	5,67	%		4-Acid Dig estion
Iron (Fe)	[7439-89-6]	8,06	%		4-Acid Dig estion
Potassium (K)	[7440-09-7]	1,71	%		4-Acid Dig estion
Magnesium (Mg)	[7439-95-4]	4,58	%		4-Acid Dig estion
Manganese (Mn)	[7439-96-5]	0,116	%		4-Acid Dig estion
Sodium (Na)	[7440-23-5]	2,38	%		4-Acid Dig estion
Phosphorus (P)	[7723-14-0]	0,255	%		4-Acid Dig estion

Sulfur (S)	[7704-34-9]	0,044	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	1,22	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	3,3	%	Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	1,68	%	Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	6,64	%	Aqua Regia Digestion
Potassium (K)	[7440-09-7]	0,413	%	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	3,24	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,088	%	Aqua Regia Digestion
Sodium (Na)	[7440-23-5]	0,97	%	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,234	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	0,041	%	Aqua Regia Digestion
Titanium (Ti)	[7440-32-6]	0,833	%	Aqua Regia Digestion