

Au <1 ppm, Blank/lithochem/low-level, Matrix: glacial till, Mineralisation Style: various ores

Art. ID OREAS-47-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)		11,96	%	Borate / Peroxide Fusion ICP	
	Calcium oxide (CaO)	[1305-78-8]	3,27	%	Borate / Peroxide Fusion ICP	
	Iron (III) oxide (Fe ₂ O ₃)		3,97	%	Borate / Peroxide Fusion ICP	
	Potassium oxide (K ₂ O)		1,42	%	Borate / Peroxide Fusion ICP	
	Magnesium oxide (MgO)	[1309-48-4]	1,67	%	Borate / Peroxide Fusion ICP	
	Manganese oxide (MnO)		0,064	%	Borate / Peroxide Fusion ICP	
	Sodium oxide (Na ₂ O)	[1313-59-3]	3,47	%	Borate / Peroxide Fusion ICP	
	Phosphorus(V) oxide (P ₂ O ₅)		0,129	%	Borate / Peroxide Fusion ICP	
	Silicon dioxide (SiO ₂)	[7631-86-9]	72,78	%	Borate / Peroxide Fusion ICP	
	Titanium dioxide (TiO ₂)	[13463-67-7]	0,379	%	Borate / Peroxide Fusion ICP	

Loss on Ignition (L.O.I.) (1000 °C)		1,02	%	Thermogravimetry
Aluminium (Al)	[7429-90-5]	6,25	%	4-Acid Digestion
Calcium (Ca)	[7440-70-2]	2,31	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	2,78	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	1,18	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,979	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,051	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	2,61	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,056	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,044	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,213	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	0,81	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Calcium (Ca)	[7440-70-2]	0,547	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Iron (Fe)	[7439-89-6]	1,65	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Potassium (K)	[7440-09-7]	0,116	%	Aqua Regia

					Digestion (sample weights 0.1 5-50g)
Magnesium (Mg)	[7439-95-4]	0,484	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Manganese (Mn)	[7439-96-5]	0,027	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Sodium (Na)	[7440-23-5]	0,091	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Phosphorus (P)	[7723-14-0]	0,055	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Sulfur (S)	[7704-34-9]	0,046	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Titanium (Ti)	[7440-32-6]	0,07	%		Aqua Regia Digestion (sample weights 0.1 5-50g)