

Blank/lithochem/low-level, Matrix: granodiorite, Mineralisation Style: barren

Art. ID OREAS-20a-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)		15,28	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	3,61	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		5,33	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		4	%	Borate Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	2,4	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,07	%	Borate Fusion XRF	
	Sodium oxide (Na ₂ O)	[1313-59-3]	2,73	%	Borate Fusion XRF	
	Phosphorus(V) oxide (P ₂ O ₅)		0,231	%	Borate Fusion XRF	
	Sulfur (S)	[7704-34-9]	0,063	%	Borate Fusion XRF	
	Silicon dioxide (SiO ₂)	[7631-86-9]	64,49	%	Borate Fusion XRF	
	Titanium dioxide (TiO ₂)	[13463-67-7]	0,828	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		0,611	%	Thermogravimetry	
	Aluminium (Al)	[7429-90-5]	7,99	%	Borate / Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	2,61	%	Borate / Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	3,78	%	Borate / P	

					eroxide Fu sion ICP
Potassium (K)	[7440-09-7]	3,34	%		Borate / P eroxide Fu sion ICP
Magnesium (Mg)	[7439-95-4]	1,45	%		Borate / P eroxide Fu sion ICP
Manganese (Mn)	[7439-96-5]	0,054	%		Borate / P eroxide Fu sion ICP
Phosphorus (P)	[7723-14-0]	0,099	%		Borate / P eroxide Fu sion ICP
Silicon (Si)	[7440-21-3]	30,2	%		Borate / P eroxide Fu sion ICP
Titanium (Ti)	[7440-32-6]	0,503	%		Borate / P eroxide Fu sion ICP
Aluminium (Al)	[7429-90-5]	7,72	%		4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	2,52	%		4-Acid Dig estion
Iron (Fe)	[7439-89-6]	3,6	%		4-Acid Dig estion
Potassium (K)	[7440-09-7]	3,27	%		4-Acid Dig estion
Magnesium (Mg)	[7439-95-4]	1,36	%		4-Acid Dig estion
Manganese (Mn)	[7439-96-5]	0,052	%		4-Acid Dig estion
Sodium (Na)	[7440-23-5]	1,98	%		4-Acid Dig estion
Phosphorus (P)	[7723-14-0]	0,101	%		4-Acid Dig estion
Sulfur (S)	[7704-34-9]	0,064	%		4-Acid Dig estion

Titanium (Ti)	[7440-32-6]	0,489	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	2,37	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Calcium (Ca)	[7440-70-2]	0,834	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Iron (Fe)	[7439-89-6]	3,27	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Potassium (K)	[7440-09-7]	1,35	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Magnesium (Mg)	[7439-95-4]	1,17	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Manganese (Mn)	[7439-96-5]	0,036	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Sodium (Na)	[7440-23-5]	0,257	%	Aqua Regia Digestion (sample weights 0.1-5-50g)
Phosphorus (P)	[7723-14-0]	0,097	%	Aqua Regia

					Digestion (sample weights 0.1 5-50g)
Sulfur (S)	[7704-34-9]	0,07	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Titanium (Ti)	[7440-32-6]	0,366	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Carbon (C)	[7440-44-0]	0,054	%		Infrared Combustion
Sulfur (S)	[7704-34-9]	0,059	%		Infrared Combustion