

Ni-Cu-PGE, Blank/lithochem/low-level, Matrix: lateritic, Mineralisation Style: magmatic Ni-Cu-PGE

Art. ID OREAS-45h-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)		15,87	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	0,201	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		29,43	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		0,258	%	Borate Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	0,437	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,05	%	Borate Fusion XRF	
	Sodium oxide (Na ₂ O)	[1313-59-3]	0,128	%	Borate Fusion XRF	
	Phosphorus(V) oxide (P ₂ O ₅)		0,056	%	Borate Fusion XRF	
	Sulfur (S)	[7704-34-9]	0,035	%	Borate Fusion XRF	
	Silicon dioxide (SiO ₂)	[7631-86-9]	41,41	%	Borate Fusion XRF	
	Titanium dioxide (TiO ₂)	[13463-67-7]	1,61	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		9,98	%	Thermogravimetry	
	Aluminium (Al)	[7429-90-5]	8,04	%	Borate / Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	0,143	%	Borate / Peroxide Fusion ICP	

Iron (Fe)	[7439-89-6]	20,14	%	Borate / Peroxide Fusion ICP
Potassium (K)	[7440-09-7]	0,214	%	Borate / Peroxide Fusion ICP
Magnesium (Mg)	[7439-95-4]	0,255	%	Borate / Peroxide Fusion ICP
Manganese (Mn)	[7439-96-5]	0,04	%	Borate / Peroxide Fusion ICP
Sodium (Na)	[7440-23-5]	0,095	%	Borate / Peroxide Fusion ICP
Phosphorus (P)	[7723-14-0]	0,023	%	Borate / Peroxide Fusion ICP
Silicon (Si)	[7440-21-3]	19	%	Borate / Peroxide Fusion ICP
Titanium (Ti)	[7440-32-6]	0,933	%	Borate / Peroxide Fusion ICP
Aluminium (Al)	[7429-90-5]	7,99	%	4-Acid Digestion
Calcium (Ca)	[7440-70-2]	0,135	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	19,52	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,205	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,238	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,038	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,09	%	4-Acid Digestion

Phosphorus (P)	[7723-14-0]	0,023	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,035	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,878	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	3,89	%	Aqua Regia Digestion (sample weights 0.15-50g)
Calcium (Ca)	[7440-70-2]	0,106	%	Aqua Regia Digestion (sample weights 0.15-50g)
Iron (Fe)	[7439-89-6]	18,18	%	Aqua Regia Digestion (sample weights 0.15-50g)
Potassium (K)	[7440-09-7]	0,084	%	Aqua Regia Digestion (sample weights 0.15-50g)
Magnesium (Mg)	[7439-95-4]	0,165	%	Aqua Regia Digestion (sample weights 0.15-50g)
Manganese (Mn)	[7439-96-5]	0,026	%	Aqua Regia Digestion (sample weights 0.15-50g)
Sodium (Na)	[7440-23-5]	0,036	%	Aqua Regia Digestion

					(sample weights 0.1 5-50g)
Phosphorus (P)	[7723-14-0]	0,018	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Sulfur (S)	[7704-34-9]	0,032	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Titanium (Ti)	[7440-32-6]	0,116	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Carbon (C)	[7440-44-0]	0,487	%		Infrared Combustion