

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

Art. ID OREAS-45f-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)		20,46	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	0,139	%	Borate Fusion XRF	
	Iron (III) oxide (Fe ₂ O ₃)		22,31	%	Borate Fusion XRF	
	Potassium oxide (K ₂ O)		0,284	%	Borate Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	0,423	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,031	%	Borate Fusion XRF	
	Sodium oxide (Na ₂ O)	[1313-59-3]	0,091	%	Borate Fusion XRF	
	Phosphorus(V) oxide (P ₂ O ₅)		0,071	%	Borate Fusion XRF	
	Sulfur (S)	[7704-34-9]	0,032	%	Borate Fusion XRF	
	Silicon dioxide (SiO ₂)	[7631-86-9]	43,59	%	Borate Fusion XRF	
	Titanium dioxide (TiO ₂)	[13463-67-7]	2	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		10,13	%	Thermogravimetry	
	Aluminium (Al)	[7429-90-5]	10,41	%	Borate / Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	0,102	%	Borate / Peroxide Fusion ICP	

Iron (Fe)	[7439-89-6]	15,16	%	Borate / Peroxide Fusion ICP
Potassium (K)	[7440-09-7]	0,228	%	Borate / Peroxide Fusion ICP
Magnesium (Mg)	[7439-95-4]	0,242	%	Borate / Peroxide Fusion ICP
Manganese (Mn)	[7439-96-5]	0,024	%	Borate / Peroxide Fusion ICP
Sodium (Na)	[7440-23-5]	0,07	%	Borate / Peroxide Fusion ICP
Phosphorus (P)	[7723-14-0]	0,03	%	Borate / Peroxide Fusion ICP
Silicon (Si)	[7440-21-3]	19,72	%	Borate / Peroxide Fusion ICP
Titanium (Ti)	[7440-32-6]	1,14	%	Borate / Peroxide Fusion ICP
Aluminium (Al)	[7429-90-5]	10,16	%	4-Acid Digestion
Calcium (Ca)	[7440-70-2]	0,096	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	14,65	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,224	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,229	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,022	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,063	%	4-Acid Digestion

Phosphorus (P)	[7723-14-0]	0,03	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,029	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	1,08	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	4,81	%	Aqua Regia Digestion (sample weights 0.15-50g)
Calcium (Ca)	[7440-70-2]	0,075	%	Aqua Regia Digestion (sample weights 0.15-50g)
Iron (Fe)	[7439-89-6]	13,69	%	Aqua Regia Digestion (sample weights 0.15-50g)
Potassium (K)	[7440-09-7]	0,082	%	Aqua Regia Digestion (sample weights 0.15-50g)
Magnesium (Mg)	[7439-95-4]	0,152	%	Aqua Regia Digestion (sample weights 0.15-50g)
Manganese (Mn)	[7439-96-5]	0,015	%	Aqua Regia Digestion (sample weights 0.15-50g)
Sodium (Na)	[7440-23-5]	0,032	%	Aqua Regia Digestion

					(sample weights 0.1 5-50g)
Phosphorus (P)	[7723-14-0]	0,022	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Sulfur (S)	[7704-34-9]	0,027	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Titanium (Ti)	[7440-32-6]	0,097	%		Aqua Regia Digestion (sample weights 0.1 5-50g)
Carbon (C)	[7440-44-0]	0,318	%		Infrared Combustion