

**Ni laterite ore, Matrix: transitional (saprolite/limonite), Mineralisation Style: lateritic nickel**

Art. ID                   OREAS-190-1KG  
Unit                      1 kg (powder)  
Deliverydetails        No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Nickel (Ni)	[7440-02-0]	1,64	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,089	%	Borate Fus ion XRF	
	Fe <sub>2</sub> O <sub>3</sub>		35,48	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		6	%	Borate Fus ion XRF	
	CaO		0,133	%	Borate Fus ion XRF	
	Cr <sub>2</sub> O <sub>3</sub>		1,726	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	6,91	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,577	%	Borate Fus ion XRF	
	Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	38,22	%	Borate Fus ion XRF	
	Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,064	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0353	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		5,86	%	Borate / P eroxide Fu sion ICP	
	CaO		0,133	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0874	%	Borate / P eroxide Fu sion ICP	

Cr <sub>2</sub> O <sub>3</sub>		1,712	%	Borate / Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	0,0068	%	Borate / Peroxide Fusion ICP
Fe <sub>2</sub> O <sub>3</sub>		35,4	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	6,85	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,574	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	1,62	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	38,05	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,062	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0327	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		8,38	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,065	%	Infrared Combustion