

**Ni laterite ore, Matrix: saprolite, Mineralisation Style: lateritic nickel**

Art. ID                      OREAS-192-1KG  
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]	1,77	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0404	%	Borate Fus ion XRF	
	Fe <sub>2</sub> O <sub>3</sub>		18,1	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		2,76	%	Borate Fus ion XRF	
	CaO		0,313	%	Borate Fus ion XRF	
	Cr <sub>2</sub> O <sub>3</sub>		0,9129	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	21,32	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,277	%	Borate Fus ion XRF	
	Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	43,58	%	Borate Fus ion XRF	
	Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,036	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0176	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		2,75	%	Borate / P eroxide Fu sion ICP	
	CaO		0,316	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0398	%	Borate / P eroxide Fu sion ICP	

Cr <sub>2</sub> O <sub>3</sub>		0,9104	%	Borate / Peroxide Fusion ICP
Fe <sub>2</sub> O <sub>3</sub>		18,14	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	21,26	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,278	%	Borate / Peroxide Fusion ICP
Sodium oxide (Na <sub>2</sub> O)	[1313-59-3]	0,022	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	1,75	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	43,45	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,033	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0193	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		10,17	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,073	%	Infrared Combustion