

Ni sulphide ore, SuperCRM, CRM, Matrix: mineralised ultramafic, Mineralisation Style: komatiite-hosted nickel sulphide

Art. ID OREAS-70b-10G
Unit 10 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Nickel (Ni)	[7440-02-0]	0,218	%	4-Acid Digestion	
	Cobalt (Co)	[7440-48-4]	0,0078	%	4-Acid Digestion	
	Arsenic (As)	[7440-38-2]	0,0148	%	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	3,81	%	Borate Fusion XRF	
	Calcium (Ca)	[7440-70-2]	3,07	%	Borate Fusion XRF	
	Chromium (Cr)	[7440-47-3]	0,1243	%	Borate Fusion XRF	
	Iron (Fe)	[7439-89-6]	5,51	%	Borate Fusion XRF	
	Potassium (K)	[7440-09-7]	0,585	%	Borate Fusion XRF	
	Magnesium (Mg)	[7439-95-4]	13,54	%	Borate Fusion XRF	
	Manganese (Mn)	[7439-96-5]	0,115	%	Borate Fusion XRF	
	Sodium (Na)	[7440-23-5]	0,742	%	Borate Fusion XRF	
	Nickel (Ni)	[7440-02-0]	0,2231	%	Borate Fusion XRF	
	Phosphorus (P)	[7723-14-0]	0,024	%	Borate Fusion XRF	
	Silicon (Si)	[7440-21-3]	22,42	%	Borate Fusion XRF	
	Titanium (Ti)	[7440-32-6]	0,178	%	Borate Fusion XRF	

Aluminium (Al)	[7429-90-5]	3,8	%	Borate / Peroxide Fusion ICP
Arsenic (As)	[7440-38-2]	0,0143	%	Borate / Peroxide Fusion ICP
Barium (Ba)	[7440-39-3]	0,0202	%	Borate / Peroxide Fusion ICP
Calcium (Ca)	[7440-70-2]	3,08	%	Borate / Peroxide Fusion ICP
Cerium (Ce)	[7440-45-1]	0,00275	%	Borate / Peroxide Fusion ICP
Cobalt (Co)	[7440-48-4]	0,0083	%	Borate / Peroxide Fusion ICP
Chromium (Cr)	[7440-47-3]	0,1252	%	Borate / Peroxide Fusion ICP
Cesium (Cs)		0,000337	%	Borate / Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	0,0052	%	Borate / Peroxide Fusion ICP
Dysprosium (Dy)	[7429-91-6]	0,000192	%	Borate / Peroxide Fusion ICP
Erbium (Er)	[7440-52-0]	0,000118	%	Borate / Peroxide Fusion ICP
Europium (Eu)	[7440-53-1]	0,000054	%	Borate / Peroxide Fusion ICP
Iron (Fe)	[7439-89-6]	5,66	%	Borate / Peroxide Fusion ICP

					sion ICP
Gallium (Ga)	[7440-55-3]	0,000971	%		Borate / P eroxide Fu sion ICP
Gadolinium (Gd)	[7440-54-2]	0,000193	%		Borate / P eroxide Fu sion ICP
Holmium (Ho)	[7440-60-0]	0,000041	%		Borate / P eroxide Fu sion ICP
Potassium (K)	[7440-09-7]	0,617	%		Borate / P eroxide Fu sion ICP
Lanthanum (La)	[7439-91-0]	0,00155	%		Borate / P eroxide Fu sion ICP
Lithium (Li)	[7439-93-2]	0,00353	%		Borate / P eroxide Fu sion ICP
Magnesium (Mg)	[7439-95-4]	13,61	%		Borate / P eroxide Fu sion ICP
Manganese (Mn)	[7439-96-5]	0,116	%		Borate / P eroxide Fu sion ICP
Niobium (Nb)	[7440-03-1]	0,000327	%		Borate / P eroxide Fu sion ICP
Neodymium (Nd)	[7440-00-8]	0,00113	%		Borate / P eroxide Fu sion ICP
Nickel (Ni)	[7440-02-0]	0,222	%		Borate / P eroxide Fu sion ICP
Phosphorus (P)	[7723-14-0]	0,025	%		Borate / P eroxide Fu sion ICP
Lead (Pb)	[7439-92-1]	0,00132	%		Borate / P

					erioxide Fu sion ICP
Praseodymium (Pr)	[7440-10-0]	0,000313	%		Borate / P erioxide Fu sion ICP
Rubidium (Rb)	[7440-17-7]	0,00337	%		Borate / P erioxide Fu sion ICP
Sulfur (S)	[7704-34-9]	0,308	%		Borate / P erioxide Fu sion ICP
Silicon (Si)	[7440-21-3]	22,78	%		Borate / P erioxide Fu sion ICP
Samarium (Sm)	[7440-19-9]	0,0002	%		Borate / P erioxide Fu sion ICP
Strontium (Sr)	[7440-24-6]	0,0072	%		Borate / P erioxide Fu sion ICP
Terbium (Tb)	[7440-27-9]	0,000032	%		Borate / P erioxide Fu sion ICP
Thorium (Th)	[7440-29-1]	0,000645	%		Borate / P erioxide Fu sion ICP
Titanium (Ti)	[7440-32-6]	0,176	%		Borate / P erioxide Fu sion ICP
Thulium (Tm)	[7440-30-4]	0,000018	%		Borate / P erioxide Fu sion ICP
Uranium (U)	[7440-61-1]	0,000187	%		Borate / P erioxide Fu sion ICP
Vanadium (V)	[7440-62-2]	0,0069	%		Borate / P erioxide Fu sion ICP

Yttrium (Y)	[7440-65-5]	0,00107	%	Borate / Peroxide Fusion ICP
Ytterbium (Yb)	[7440-64-4]	0,000116	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0107	%	Borate / Peroxide Fusion ICP
Zirconium (Zr)	[7440-67-7]	0,0067	%	Borate / Peroxide Fusion ICP
Silver (Ag)	[7440-22-4]	0,0000175	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	3,87	%	4-Acid Digestion
Barium (Ba)	[7440-39-3]	0,0202	%	4-Acid Digestion
Beryllium (Be)	[7440-41-7]	0,000104	%	4-Acid Digestion
Bismuth (Bi)	[7440-69-9]	0,000084	%	4-Acid Digestion
Calcium (Ca)	[7440-70-2]	3,05	%	4-Acid Digestion
Cadmium (Cd)	[7440-43-9]	0,000036	%	4-Acid Digestion
Cerium (Ce)	[7440-45-1]	0,00282	%	4-Acid Digestion
Cesium (Cs)		0,000344	%	4-Acid Digestion
Copper (Cu)	[7440-50-8]	0,0052	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	5,52	%	4-Acid Digestion
Gallium (Ga)	[7440-55-3]	0,00101	%	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,000186	%	4-Acid Digestion

Indium (In)	[7440-74-6]	0,0000047	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,62	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	0,00153	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,00344	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	13,4	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,115	%	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,00033	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,769	%	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	0,000368	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,022	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,00137	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,309	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,000056	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,00124	%	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,000121	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,0074	%	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,00003	%	4-Acid Digestion
Thorium (Th)	[7440-29-1]	0,000691	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,181	%	4-Acid Digestion

Thallium (Tl)	[7440-28-0]	0,000033	%	4-Acid Digestion
Uranium (U)	[7440-61-1]	0,000172	%	4-Acid Digestion
Vanadium (V)	[7440-62-2]	0,0067	%	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,000492	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,000985	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,0112	%	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	0,0066	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,286	%	Infrared Combustion
Loss on Ignition (L.O.I.) (1000 °C)		6,69	%	Thermogravimetry