

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

Art. ID OREAS-73b-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]	1,48	%	4-Acid Digestion	
	Cobalt (Co)	[7440-48-4]	0,024	%	4-Acid Digestion	
	Arsenic (As)	[7440-38-2]	0,0293	%	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	3,77	%	Borate Fusion XRF	
	Calcium (Ca)	[7440-70-2]	3,15	%	Borate Fusion XRF	
	Cobalt (Co)	[7440-48-4]	0,0246	%	Borate Fusion XRF	
	Chromium (Cr)	[7440-47-3]	0,1172	%	Borate Fusion XRF	
	Copper (Cu)	[7440-50-8]	0,043	%	Borate Fusion XRF	
	Iron (Fe)	[7439-89-6]	8,63	%	Borate Fusion XRF	
	Potassium (K)	[7440-09-7]	0,586	%	Borate Fusion XRF	
	Magnesium (Mg)	[7439-95-4]	11,8	%	Borate Fusion XRF	
	Manganese (Mn)	[7439-96-5]	0,115	%	Borate Fusion XRF	
	Sodium (Na)	[7440-23-5]	0,736	%	Borate Fusion XRF	
	Nickel (Ni)	[7440-02-0]	1,5044	%	Borate Fusion XRF	
	Phosphorus (P)	[7723-14-0]	0,024	%	Borate Fusion XRF	

Silicon (Si)	[7440-21-3]	20,89	%	Borate Fusion XRF
Titanium (Ti)	[7440-32-6]	0,191	%	Borate Fusion XRF
Aluminium (Al)	[7429-90-5]	3,77	%	Borate / Peroxide Fusion ICP
Arsenic (As)	[7440-38-2]	0,0301	%	Borate / Peroxide Fusion ICP
Barium (Ba)	[7440-39-3]	0,0208	%	Borate / Peroxide Fusion ICP
Calcium (Ca)	[7440-70-2]	3,15	%	Borate / Peroxide Fusion ICP
Cerium (Ce)	[7440-45-1]	0,00289	%	Borate / Peroxide Fusion ICP
Cobalt (Co)	[7440-48-4]	0,0252	%	Borate / Peroxide Fusion ICP
Chromium (Cr)	[7440-47-3]	0,1174	%	Borate / Peroxide Fusion ICP
Cesium (Cs)		0,000281	%	Borate / Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	0,0439	%	Borate / Peroxide Fusion ICP
Dysprosium (Dy)	[7429-91-6]	0,000214	%	Borate / Peroxide Fusion ICP
Erbium (Er)	[7440-52-0]	0,000131	%	Borate / Peroxide Fusion ICP
Europium (Eu)	[7440-53-1]	0,000062	%	Borate / P

					erioxide Fu sion ICP
Iron (Fe)	[7439-89-6]	8,74	%		Borate / P erioxide Fu sion ICP
Gallium (Ga)	[7440-55-3]	0,000885	%		Borate / P erioxide Fu sion ICP
Holmium (Ho)	[7440-60-0]	0,000045	%		Borate / P erioxide Fu sion ICP
Potassium (K)	[7440-09-7]	0,614	%		Borate / P erioxide Fu sion ICP
Lanthanum (La)	[7439-91-0]	0,00156	%		Borate / P erioxide Fu sion ICP
Magnesium (Mg)	[7439-95-4]	11,88	%		Borate / P erioxide Fu sion ICP
Manganese (Mn)	[7439-96-5]	0,116	%		Borate / P erioxide Fu sion ICP
Niobium (Nb)	[7440-03-1]	0,000363	%		Borate / P erioxide Fu sion ICP
Neodymium (Nd)	[7440-00-8]	0,00119	%		Borate / P erioxide Fu sion ICP
Nickel (Ni)	[7440-02-0]	1,4987	%		Borate / P erioxide Fu sion ICP
Phosphorus (P)	[7723-14-0]	0,026	%		Borate / P erioxide Fu sion ICP
Lead (Pb)	[7439-92-1]	0,0016	%		Borate / P erioxide Fu sion ICP

Praseodymium (Pr)	[7440-10-0]	0,000337	%	Borate / Peroxide Fusion ICP
Rubidium (Rb)	[7440-17-7]	0,0031	%	Borate / Peroxide Fusion ICP
Sulfur (S)	[7704-34-9]	2,9	%	Borate / Peroxide Fusion ICP
Silicon (Si)	[7440-21-3]	21,08	%	Borate / Peroxide Fusion ICP
Samarium (Sm)	[7440-19-9]	0,000222	%	Borate / Peroxide Fusion ICP
Strontium (Sr)	[7440-24-6]	0,0065	%	Borate / Peroxide Fusion ICP
Terbium (Tb)	[7440-27-9]	0,000036	%	Borate / Peroxide Fusion ICP
Thorium (Th)	[7440-29-1]	0,000638	%	Borate / Peroxide Fusion ICP
Titanium (Ti)	[7440-32-6]	0,187	%	Borate / Peroxide Fusion ICP
Thulium (Tm)	[7440-30-4]	0,000019	%	Borate / Peroxide Fusion ICP
Uranium (U)	[7440-61-1]	0,000211	%	Borate / Peroxide Fusion ICP
Vanadium (V)	[7440-62-2]	0,0073	%	Borate / Peroxide Fusion ICP
Yttrium (Y)	[7440-65-5]	0,00117	%	Borate / Peroxide Fusion ICP

					sion ICP
Ytterbium (Yb)	[7440-64-4]	0,000121	%		Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0112	%		Borate / Peroxide Fusion ICP
Zirconium (Zr)	[7440-67-7]	0,0061	%		Borate / Peroxide Fusion ICP
Silver (Ag)	[7440-22-4]	0,0000371	%		4-Acid Digestion
Aluminium (Al)	[7429-90-5]	3,87	%		4-Acid Digestion
Barium (Ba)	[7440-39-3]	0,0205	%		4-Acid Digestion
Bismuth (Bi)	[7440-69-9]	0,000113	%		4-Acid Digestion
Calcium (Ca)	[7440-70-2]	3,16	%		4-Acid Digestion
Cadmium (Cd)	[7440-43-9]	0,000041	%		4-Acid Digestion
Cerium (Ce)	[7440-45-1]	0,00296	%		4-Acid Digestion
Cesium (Cs)		0,000302	%		4-Acid Digestion
Copper (Cu)	[7440-50-8]	0,0447	%		4-Acid Digestion
Iron (Fe)	[7439-89-6]	8,62	%		4-Acid Digestion
Gallium (Ga)	[7440-55-3]	0,000934	%		4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,000173	%		4-Acid Digestion
Indium (In)	[7440-74-6]	0,0000058	%		4-Acid Digestion
Potassium (K)	[7440-09-7]	0,621	%		4-Acid Digestion

Lanthanum (La)	[7439-91-0]	0,00166	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,00272	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	11,72	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,116	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,782	%	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	0,000413	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,023	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,00172	%	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	0,00326	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	2,94	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,000133	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,00127	%	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,000128	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,0069	%	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,000031	%	4-Acid Digestion
Thorium (Th)	[7440-29-1]	0,000694	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,192	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,000041	%	4-Acid Digestion
Uranium (U)	[7440-61-1]	0,00021	%	4-Acid Digestion

Vanadium (V)	[7440-62-2]	0,0074	%	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,000462	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,00109	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,0114	%	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	0,0064	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	2,9	%	Infrared Combustion
Loss on Ignition (L.O.I.) (1000 °C)		6,43	%	Thermogravimetry