

Blank/Litho-geochem, Ni-Cu-PGE, SuperCRM, Matrix: lateritic soil, Mineralisation Style: magmatic Ni-Cu-PGE

Art. ID OREAS-45e-500G
Unit 500 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Gold (Au)	[7440-57-5]	53	ppb	Pb Fire As say	
	Nickel (Ni)	[7440-02-0]	0,0454	%	4-Acid Dig estion	
	Copper (Cu)	[7440-50-8]	0,078	%	4-Acid Dig estion	
	Silver (Ag)	[7440-22-4]	0,0000311	%	4-Acid Dig estion	
	Aluminium (Al)	[7429-90-5]	6,78	%	4-Acid Dig estion	
	Arsenic (As)	[7440-38-2]	0,00163	%	4-Acid Dig estion	
	Barium (Ba)	[7440-39-3]	0,0252	%	4-Acid Dig estion	
	Beryllium (Be)	[7440-41-7]	0,000062	%	4-Acid Dig estion	
	Bismuth (Bi)	[7440-69-9]	0,000028	%	4-Acid Dig estion	
	Calcium (Ca)	[7440-70-2]	0,065	%	4-Acid Dig estion	
	Cerium (Ce)	[7440-45-1]	0,00235	%	4-Acid Dig estion	
	Cobalt (Co)	[7440-48-4]	0,0057	%	4-Acid Dig estion	
	Chromium (Cr)	[7440-47-3]	0,0979	%	4-Acid Dig estion	
	Cesium (Cs)		0,000126	%	4-Acid Dig estion	
	Dysprosium (Dy)	[7429-91-6]	0,000205	%	4-Acid Dig estion	

Erbium (Er)	[7440-52-0]	0,00012	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	24,12	%	4-Acid Digestion
Gallium (Ga)	[7440-55-3]	0,00165	%	4-Acid Digestion
Gadolinium (Gd)	[7440-54-2]	0,000199	%	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,000311	%	4-Acid Digestion
Indium (In)	[7440-74-6]	0,0000099	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,324	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	0,0011	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,000658	%	4-Acid Digestion
Lutetium (Lu)	[7439-94-3]	0,000017	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,156	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,055	%	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,00024	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,059	%	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	0,00068	%	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	0,000957	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,034	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,00182	%	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	0,000257	%	4-Acid Digestion

Rubidium (Rb)	[7440-17-7]	0,00212	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,046	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,0001	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,0093	%	4-Acid Digestion
Selenium (Se)	[7782-49-2]	0,000297	%	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	0,000228	%	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,000132	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,00159	%	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,000056	%	4-Acid Digestion
Thorium (Th)	[7440-29-1]	0,00129	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,559	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,000015	%	4-Acid Digestion
Uranium (U)	[7440-61-1]	0,000241	%	4-Acid Digestion
Vanadium (V)	[7440-62-2]	0,0322	%	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,000107	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,000828	%	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	0,000119	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,00467	%	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	0,011	%	4-Acid Digestion

Aluminium (Al)	[7429-90-5]	3,32	%	Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	0,00114	%	Aqua Regia Digestion
Gold (Au)	[7440-57-5]	0,000005	%	Aqua Regia Digestion
Barium (Ba)	[7440-39-3]	0,0139	%	Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	0,032	%	Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	0,00177	%	Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	0,0052	%	Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	0,0849	%	Aqua Regia Digestion
Cesium (Cs)		0,000077	%	Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	0,0709	%	Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	22,65	%	Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	0,00117	%	Aqua Regia Digestion
Indium (In)	[7440-74-6]	0,000009	%	Aqua Regia Digestion
Potassium (K)	[7440-09-7]	0,053	%	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	0,095	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,04	%	Aqua Regia Digestion
Sodium (Na)	[7440-23-5]	0,027	%	Aqua Regia Digestion
Nickel (Ni)	[7440-02-0]	0,0357	%	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,029	%	Aqua Regia Digestion

Lead (Pb)	[7439-92-1]	0,00143	%	Aqua Regia Digestion
Rubidium (Rb)	[7440-17-7]	0,000793	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	0,044	%	Aqua Regia Digestion
Scandium (Sc)	[7440-20-2]	0,0078	%	Aqua Regia Digestion
Tin (Sn)	[7440-31-5]	0,000097	%	Aqua Regia Digestion
Strontium (Sr)	[7440-24-6]	0,000405	%	Aqua Regia Digestion
Thorium (Th)	[7440-29-1]	0,00107	%	Aqua Regia Digestion
Thallium (Tl)	[7440-28-0]	0,0000072	%	Aqua Regia Digestion
Uranium (U)	[7440-61-1]	0,000173	%	Aqua Regia Digestion
Vanadium (V)	[7440-62-2]	0,0295	%	Aqua Regia Digestion
Yttrium (Y)	[7440-65-5]	0,000574	%	Aqua Regia Digestion
Ytterbium (Yb)	[7440-64-4]	0,000086	%	Aqua Regia Digestion
Zinc (Zn)	[7440-66-6]	0,00306	%	Aqua Regia Digestion
Palladium (Pd)	[7440-05-3]	75	ppb	Pb Fire As say
Platinum (Pt)	[7440-06-4]	110	ppb	Pb Fire As say
Aluminium (Al)	[7429-90-5]	6,78	%	Borate / P eroxide Fu sion ICP
Barium (Ba)	[7440-39-3]	0,0246	%	Borate / P eroxide Fu sion ICP
Calcium (Ca)	[7440-70-2]	0,063	%	Borate / P eroxide Fu

					sion ICP
Cerium (Ce)	[7440-45-1]	0,00235	%		Borate / Peroxide Fusion ICP
Cobalt (Co)	[7440-48-4]	0,0059	%		Borate / Peroxide Fusion ICP
Chromium (Cr)	[7440-47-3]	0,1067	%		Borate / Peroxide Fusion ICP
Cesium (Cs)		0,00012	%		Borate / Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	0,0756	%		Borate / Peroxide Fusion ICP
Dysprosium (Dy)	[7429-91-6]	0,000228	%		Borate / Peroxide Fusion ICP
Erbium (Er)	[7440-52-0]	0,000141	%		Borate / Peroxide Fusion ICP
Europium (Eu)	[7440-53-1]	0,000055	%		Borate / Peroxide Fusion ICP
Iron (Fe)	[7439-89-6]	24,19	%		Borate / Peroxide Fusion ICP
Gallium (Ga)	[7440-55-3]	0,00162	%		Borate / Peroxide Fusion ICP
Gadolinium (Gd)	[7440-54-2]	0,0002	%		Borate / Peroxide Fusion ICP
Hafnium (Hf)	[7440-58-6]	0,000631	%		Borate / Peroxide Fusion ICP
Holmium (Ho)	[7440-60-0]	0,000046	%		Borate / P

					eroxide Fu sion ICP
Potassium (K)	[7440-09-7]	0,336	%		Borate / P eroxide Fu sion ICP
Lanthanum (La)	[7439-91-0]	0,00111	%		Borate / P eroxide Fu sion ICP
Lutetium (Lu)	[7439-94-3]	0,000023	%		Borate / P eroxide Fu sion ICP
Magnesium (Mg)	[7439-95-4]	0,158	%		Borate / P eroxide Fu sion ICP
Manganese (Mn)	[7439-96-5]	0,056	%		Borate / P eroxide Fu sion ICP
Molybdenum (Mo)	[7439-98-7]	0,000295	%		Borate / P eroxide Fu sion ICP
Sodium (Na)	[7440-23-5]	0,058	%		Borate / P eroxide Fu sion ICP
Niobium (Nb)	[7440-03-1]	0,00074	%		Borate / P eroxide Fu sion ICP
Neodymium (Nd)	[7440-00-8]	0,000946	%		Borate / P eroxide Fu sion ICP
Nickel (Ni)	[7440-02-0]	0,0459	%		Borate / P eroxide Fu sion ICP
Praseodymium (Pr)	[7440-10-0]	0,00025	%		Borate / P eroxide Fu sion ICP
Rubidium (Rb)	[7440-17-7]	0,00208	%		Borate / P eroxide Fu sion ICP

Scandium (Sc)	[7440-20-2]	0,0091	%	Borate / Peroxide Fusion ICP
Silicon (Si)	[7440-21-3]	18,56	%	Borate / Peroxide Fusion ICP
Samarium (Sm)	[7440-19-9]	0,000213	%	Borate / Peroxide Fusion ICP
Strontium (Sr)	[7440-24-6]	0,00159	%	Borate / Peroxide Fusion ICP
Tantalum (Ta)	[7440-25-7]	0,000063	%	Borate / Peroxide Fusion ICP
Terbium (Tb)	[7440-27-9]	0,000036	%	Borate / Peroxide Fusion ICP
Thorium (Th)	[7440-29-1]	0,0013	%	Borate / Peroxide Fusion ICP
Titanium (Ti)	[7440-32-6]	0,584	%	Borate / Peroxide Fusion ICP
Thulium (Tm)	[7440-30-4]	0,000022	%	Borate / Peroxide Fusion ICP
Uranium (U)	[7440-61-1]	0,000254	%	Borate / Peroxide Fusion ICP
Vanadium (V)	[7440-62-2]	0,0317	%	Borate / Peroxide Fusion ICP
Tungsten (W)	[7440-33-7]	0,000106	%	Borate / Peroxide Fusion ICP
Yttrium (Y)	[7440-65-5]	0,00106	%	Borate / Peroxide Fusion ICP

					sion ICP
Ytterbium (Yb)	[7440-64-4]	0,000148	%		Borate / Peroxide Fusion ICP
Zirconium (Zr)	[7440-67-7]	0,0242	%		Borate / Peroxide Fusion ICP
Carbon (C)	[7440-44-0]	0,546	%		Infrared Combustion
Sulfur (S)	[7704-34-9]	0,043	%		Infrared Combustion
Al ₂ O ₃		13,04	%		Borate Fusion XRF
CaO		0,089	%		Borate Fusion XRF
Cr ₂ O ₃		0,1568	%		Borate Fusion XRF
Fe ₂ O ₃		35,46	%		Borate Fusion XRF
Potassium oxide (K ₂ O)		0,405	%		Borate Fusion XRF
Magnesium oxide (MgO)	[1309-48-4]	0,268	%		Borate Fusion XRF
Manganese oxide (MnO)		0,072	%		Borate Fusion XRF
Sodium oxide (Na ₂ O)	[1313-59-3]	0,078	%		Borate Fusion XRF
Phosphorous(V) oxide (P ₂ O ₅)		0,081	%		Borate Fusion XRF
Silicon dioxide (SiO ₂)	[7631-86-9]	40,13	%		Borate Fusion XRF
Titanium dioxide (TiO ₂)	[13463-67-7]	0,989	%		Borate Fusion XRF
Vanadium oxide (V ₂ O ₅)		0,0588	%		Borate Fusion XRF
Loss on Ignition (L.O.I.) (1000 °C)		8,69	%		Thermogravimetry