

**Au-Cu ore, Au >1 ppm, CRM, Matrix: felsic volcanic breccia, Mineralisation Style: IOCG**

Art. ID OREAS-524-100G  
Unit 100 g  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Copper (Cu)	[7440-50-8]	2,53	%	4-Acid Digestion	
	Gold (Au)	[7440-57-5]	0,000154	%	Pb Fire Assay	
	Cobalt (Co)	[7440-48-4]	0,0728	%	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	2,93	%	Peroxide Fusion ICP	
	Arsenic (As)	[7440-38-2]	0,0673	%	Peroxide Fusion ICP	
	Barium (Ba)	[7440-39-3]	2,94	%	Peroxide Fusion ICP	
	Bismuth (Bi)	[7440-69-9]	0,00175	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	3,44	%	Peroxide Fusion ICP	
	Cerium (Ce)	[7440-45-1]	0,0201	%	Peroxide Fusion ICP	
	Cobalt (Co)	[7440-48-4]	0,0728	%	Peroxide Fusion ICP	
	Cesium (Cs)		0,000057	%	Peroxide Fusion ICP	
	Copper (Cu)	[7440-50-8]	2,53	%	Peroxide Fusion ICP	
	Dysprosium (Dy)	[7429-91-6]	0,000324	%	Peroxide Fusion ICP	
	Erbium (Er)	[7440-52-0]	0,000193	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	29,2	%	Peroxide Fusion ICP	
	Gallium (Ga)	[7440-55-3]	0,00143	%	Peroxide F	

					usion ICP
Gadolinium (Gd)	[7440-54-2]	0,000406	%	Peroxide F	usion ICP
Hafnium (Hf)	[7440-58-6]	0,000299	%	Peroxide F	usion ICP
Holmium (Ho)	[7440-60-0]	0,000066	%	Peroxide F	usion ICP
Indium (In)	[7440-74-6]	0,000052	%	Peroxide F	usion ICP
Potassium (K)	[7440-09-7]	2,52	%	Peroxide F	usion ICP
Lanthanum (La)	[7439-91-0]	0,0286	%	Peroxide F	usion ICP
Lithium (Li)	[7439-93-2]	0,00162	%	Peroxide F	usion ICP
Lutetium (Lu)	[7439-94-3]	0,00003	%	Peroxide F	usion ICP
Magnesium (Mg)	[7439-95-4]	1,02	%	Peroxide F	usion ICP
Manganese (Mn)	[7439-96-5]	0,485	%	Peroxide F	usion ICP
Molybdenum (Mo)	[7439-98-7]	0,0388	%	Peroxide F	usion ICP
Niobium (Nb)	[7440-03-1]	0,00054	%	Peroxide F	usion ICP
Neodymium (Nd)	[7440-00-8]	0,00324	%	Peroxide F	usion ICP
Nickel (Ni)	[7440-02-0]	0,0071	%	Peroxide F	usion ICP
Phosphorus (P)	[7723-14-0]	0,095	%	Peroxide F	usion ICP
Lead (Pb)	[7439-92-1]	0,00432	%	Peroxide F	usion ICP
Praseodymium (Pr)	[7440-10-0]	0,00128	%	Peroxide F	usion ICP
Rubidium (Rb)	[7440-17-7]	0,0067	%	Peroxide F	usion ICP
Antimony (Sb)	[7440-36-0]	0,00116	%	Peroxide F	

					usion ICP
Silicon (Si)	[7440-21-3]	12,57	%		Peroxide F usion ICP
Samarium (Sm)	[7440-19-9]	0,00045	%		Peroxide F usion ICP
Tin (Sn)	[7440-31-5]	0,00144	%		Peroxide F usion ICP
Strontium (Sr)	[7440-24-6]	0,0287	%		Peroxide F usion ICP
Terbium (Tb)	[7440-27-9]	0,000054	%		Peroxide F usion ICP
Thorium (Th)	[7440-29-1]	0,000818	%		Peroxide F usion ICP
Titanium (Ti)	[7440-32-6]	0,29	%		Peroxide F usion ICP
Thulium (Tm)	[7440-30-4]	0,000029	%		Peroxide F usion ICP
Uranium (U)	[7440-61-1]	0,0059	%		Peroxide F usion ICP
Vanadium (V)	[7440-62-2]	0,0115	%		Peroxide F usion ICP
Tungsten (W)	[7440-33-7]	0,0176	%		Peroxide F usion ICP
Yttrium (Y)	[7440-65-5]	0,00173	%		Peroxide F usion ICP
Ytterbium (Yb)	[7440-64-4]	0,000194	%		Peroxide F usion ICP
Silver (Ag)	[7440-22-4]	0,000404	%		4-Acid Dig estion
Aluminium (Al)	[7429-90-5]	2,88	%		4-Acid Dig estion
Arsenic (As)	[7440-38-2]	0,066	%		4-Acid Dig estion
Beryllium (Be)	[7440-41-7]	0,000046	%		4-Acid Dig estion
Bismuth (Bi)	[7440-69-9]	0,00164	%		4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	3,27	%		4-Acid Dig

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Cerium (Ce)	[7440-45-1]	0,0163	%	4-Acid Dig	estion
Chromium (Cr)	[7440-47-3]	0,00232	%	4-Acid Dig	estion
Cesium (Cs)		0,000053	%	4-Acid Dig	estion
Dysprosium (Dy)	[7429-91-6]	0,000297	%	4-Acid Dig	estion
Erbium (Er)	[7440-52-0]	0,000182	%	4-Acid Dig	estion
Europium (Eu)	[7440-53-1]	0,000211	%	4-Acid Dig	estion
Iron (Fe)	[7439-89-6]	29,25	%	4-Acid Dig	estion
Gallium (Ga)	[7440-55-3]	0,00135	%	4-Acid Dig	estion
Gadolinium (Gd)	[7440-54-2]	0,000379	%	4-Acid Dig	estion
Germanium (Ge)	[7440-56-4]	0,000038	%	4-Acid Dig	estion
Hafnium (Hf)	[7440-58-6]	0,00026	%	4-Acid Dig	estion
Holmium (Ho)	[7440-60-0]	0,000062	%	4-Acid Dig	estion
Indium (In)	[7440-74-6]	0,000051	%	4-Acid Dig	estion
Potassium (K)	[7440-09-7]	2,48	%	4-Acid Dig	estion
Lithium (Li)	[7439-93-2]	0,00152	%	4-Acid Dig	estion
Lutetium (Lu)	[7439-94-3]	0,000029	%	4-Acid Dig	estion
Magnesium (Mg)	[7439-95-4]	0,985	%	4-Acid Dig	estion
Manganese (Mn)	[7439-96-5]	0,463	%	4-Acid Dig	estion
Molybdenum (Mo)	[7439-98-7]	0,0376	%	4-Acid Dig	estion

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Sodium (Na)	[7440-23-5]	0,182	%	4-Acid Dig	estion
Niobium (Nb)	[7440-03-1]	0,000525	%	4-Acid Dig	estion
Neodymium (Nd)	[7440-00-8]	0,00295	%	4-Acid Dig	estion
Nickel (Ni)	[7440-02-0]	0,0066	%	4-Acid Dig	estion
Phosphorus (P)	[7723-14-0]	0,092	%	4-Acid Dig	estion
Lead (Pb)	[7439-92-1]	0,00438	%	4-Acid Dig	estion
Praseodymium (Pr)	[7440-10-0]	0,00109	%	4-Acid Dig	estion
Rubidium (Rb)	[7440-17-7]	0,0065	%	4-Acid Dig	estion
Rhenium (Re)	[7440-15-5]	0,000018	%	4-Acid Dig	estion
Sulfur (S)	[7704-34-9]	4,73	%	4-Acid Dig	estion
Antimony (Sb)	[7440-36-0]	0,00114	%	4-Acid Dig	estion
Scandium (Sc)	[7440-20-2]	0,000704	%	4-Acid Dig	estion
Selenium (Se)	[7782-49-2]	0,000476	%	4-Acid Dig	estion
Samarium (Sm)	[7440-19-9]	0,00041	%	4-Acid Dig	estion
Tin (Sn)	[7440-31-5]	0,0012	%	4-Acid Dig	estion
Strontium (Sr)	[7440-24-6]	0,0194	%	4-Acid Dig	estion
Tantalum (Ta)	[7440-25-7]	0,000041	%	4-Acid Dig	estion
Terbium (Tb)	[7440-27-9]	0,000054	%	4-Acid Dig	estion
Tellurium (Te)	[13494-80-9]	0,000188	%	4-Acid Dig	estion

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Thorium (Th)	[7440-29-1]	0,000667	%	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,271	%	4-Acid Dig	estion
Thallium (Tl)	[7440-28-0]	0,00003	%	4-Acid Dig	estion
Thulium (Tm)	[7440-30-4]	0,000025	%	4-Acid Dig	estion
Uranium (U)	[7440-61-1]	0,0057	%	4-Acid Dig	estion
Vanadium (V)	[7440-62-2]	0,0107	%	4-Acid Dig	estion
Tungsten (W)	[7440-33-7]	0,0177	%	4-Acid Dig	estion
Yttrium (Y)	[7440-65-5]	0,00166	%	4-Acid Dig	estion
Ytterbium (Yb)	[7440-64-4]	0,000184	%	4-Acid Dig	estion
Zinc (Zn)	[7440-66-6]	0,0055	%	4-Acid Dig	estion
Zirconium (Zr)	[7440-67-7]	0,0098	%	4-Acid Dig	estion
Silver (Ag)	[7440-22-4]	0,000376	%	3-Acid Dig	estion (no HF)
Arsenic (As)	[7440-38-2]	0,0654	%	3-Acid Dig	estion (no HF)
Cobalt (Co)	[7440-48-4]	0,0716	%	3-Acid Dig	estion (no HF)
Copper (Cu)	[7440-50-8]	2,54	%	3-Acid Dig	estion (no HF)
Iron (Fe)	[7439-89-6]	29,36	%	3-Acid Dig	estion (no HF)

Molybdenum (Mo)	[7439-98-7]	0,0361	%	3-Acid Digestion (no HF)
Sulfur (S)	[7704-34-9]	4,98	%	3-Acid Digestion (no HF)
Silver (Ag)	[7440-22-4]	0,00037	%	Aqua Regia Digestion
Aluminium (Al)	[7429-90-5]	1,08	%	Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	0,0647	%	Aqua Regia Digestion
Gold (Au)	[7440-57-5]	0,000148	%	Aqua Regia Digestion
Beryllium (Be)	[7440-41-7]	0,000033	%	Aqua Regia Digestion
Bismuth (Bi)	[7440-69-9]	0,00167	%	Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	3,11	%	Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	0,0181	%	Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	0,0705	%	Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	0,00226	%	Aqua Regia Digestion
Cesium (Cs)		0,000046	%	Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	2,5	%	Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	28,42	%	Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	0,00121	%	Aqua Regia Digestion
Hafnium (Hf)	[7440-58-6]	0,000131	%	Aqua Regia Digestion
Indium (In)	[7440-74-6]	0,00005	%	Aqua Regia Digestion

Potassium (K)	[7440-09-7]	0,588	%	Aqua Regia Digestion
Lanthanum (La)	[7439-91-0]	0,0223	%	Aqua Regia Digestion
Lithium (Li)	[7439-93-2]	0,00154	%	Aqua Regia Digestion
Lutetium (Lu)	[7439-94-3]	0,000024	%	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	0,958	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,426	%	Aqua Regia Digestion
Molybdenum (Mo)	[7439-98-7]	0,0353	%	Aqua Regia Digestion
Niobium (Nb)	[7440-03-1]	0,000159	%	Aqua Regia Digestion
Nickel (Ni)	[7440-02-0]	0,0063	%	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,092	%	Aqua Regia Digestion
Lead (Pb)	[7439-92-1]	0,00472	%	Aqua Regia Digestion
Rubidium (Rb)	[7440-17-7]	0,00291	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	4,67	%	Aqua Regia Digestion
Scandium (Sc)	[7440-20-2]	0,000609	%	Aqua Regia Digestion
Selenium (Se)	[7782-49-2]	0,000528	%	Aqua Regia Digestion
Tin (Sn)	[7440-31-5]	0,00101	%	Aqua Regia Digestion
Strontium (Sr)	[7440-24-6]	0,0058	%	Aqua Regia Digestion
Terbium (Tb)	[7440-27-9]	0,000054	%	Aqua Regia Digestion
Thorium (Th)	[7440-29-1]	0,000679	%	Aqua Regia Digestion



Titanium (Ti)	[7440-32-6]	0,145	%	Aqua Regia Digestion
Thallium (Tl)	[7440-28-0]	0,000017	%	Aqua Regia Digestion
Uranium (U)	[7440-61-1]	0,0055	%	Aqua Regia Digestion
Vanadium (V)	[7440-62-2]	0,0106	%	Aqua Regia Digestion
Tungsten (W)	[7440-33-7]	0,0158	%	Aqua Regia Digestion
Yttrium (Y)	[7440-65-5]	0,00142	%	Aqua Regia Digestion
Ytterbium (Yb)	[7440-64-4]	0,000158	%	Aqua Regia Digestion
Zinc (Zn)	[7440-66-6]	0,0052	%	Aqua Regia Digestion
Zirconium (Zr)	[7440-67-7]	0,00493	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	5,56	%	Infrared C ombustion
Specific Gravity		3,49		Gas / Liqu id Pycnome try