

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

Art. ID OREAS-523-10G  
Unit 10 g  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Copper (Cu)	[7440-50-8]	1,72	%	4-Acid Digestion	
	Gold (Au)	[7440-57-5]	0,000104	%	Pb Fire Assay	
	Cobalt (Co)	[7440-48-4]	0,0728	%	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	3,06	%	Peroxide Fusion ICP	
	Arsenic (As)	[7440-38-2]	0,0687	%	Peroxide Fusion ICP	
	Bismuth (Bi)	[7440-69-9]	0,00143	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	3,55	%	Peroxide Fusion ICP	
	Cerium (Ce)	[7440-45-1]	0,0203	%	Peroxide Fusion ICP	
	Cobalt (Co)	[7440-48-4]	0,0734	%	Peroxide Fusion ICP	
	Chromium (Cr)	[7440-47-3]	0,00262	%	Peroxide Fusion ICP	
	Cesium (Cs)		0,000061	%	Peroxide Fusion ICP	
	Copper (Cu)	[7440-50-8]	1,72	%	Peroxide Fusion ICP	
	Dysprosium (Dy)	[7429-91-6]	0,000327	%	Peroxide Fusion ICP	
	Erbium (Er)	[7440-52-0]	0,000196	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	28,76	%	Peroxide Fusion ICP	
	Gallium (Ga)	[7440-55-3]	0,00148	%	Peroxide F	

					usion ICP
Gadolinium (Gd)	[7440-54-2]	0,000413	%	Peroxide F	usion ICP
Hafnium (Hf)	[7440-58-6]	0,000304	%	Peroxide F	usion ICP
Holmium (Ho)	[7440-60-0]	0,000068	%	Peroxide F	usion ICP
Indium (In)	[7440-74-6]	0,000038	%	Peroxide F	usion ICP
Potassium (K)	[7440-09-7]	2,62	%	Peroxide F	usion ICP
Lanthanum (La)	[7439-91-0]	0,0283	%	Peroxide F	usion ICP
Lithium (Li)	[7439-93-2]	0,0016	%	Peroxide F	usion ICP
Lutetium (Lu)	[7439-94-3]	0,000033	%	Peroxide F	usion ICP
Magnesium (Mg)	[7439-95-4]	1,05	%	Peroxide F	usion ICP
Manganese (Mn)	[7439-96-5]	0,497	%	Peroxide F	usion ICP
Molybdenum (Mo)	[7439-98-7]	0,0316	%	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]	0,0073	%	Peroxide F	usion ICP
Phosphorus (P)	[7723-14-0]	0,096	%	Peroxide F	usion ICP
Praseodymium (Pr)	[7440-10-0]	0,00125	%	Peroxide F	usion ICP
Rubidium (Rb)	[7440-17-7]	0,007	%	Peroxide F	usion ICP
Sulfur (S)	[7704-34-9]	4,63	%	Peroxide F	usion ICP
Antimony (Sb)	[7440-36-0]	0,0011	%	Peroxide F	

					usion ICP
Silicon (Si)	[7440-21-3]	13,23	%		Peroxide F usion ICP
Samarium (Sm)	[7440-19-9]	0,000441	%		Peroxide F usion ICP
Tin (Sn)	[7440-31-5]	0,00134	%		Peroxide F usion ICP
Strontium (Sr)	[7440-24-6]	0,0289	%		Peroxide F usion ICP
Terbium (Tb)	[7440-27-9]	0,000056	%		Peroxide F usion ICP
Thorium (Th)	[7440-29-1]	0,000821	%		Peroxide F usion ICP
Titanium (Ti)	[7440-32-6]	0,302	%		Peroxide F usion ICP
Thulium (Tm)	[7440-30-4]	0,000029	%		Peroxide F usion ICP
Uranium (U)	[7440-61-1]	0,0058	%		Peroxide F usion ICP
Vanadium (V)	[7440-62-2]	0,0123	%		Peroxide F usion ICP
Tungsten (W)	[7440-33-7]	0,0178	%		Peroxide F usion ICP
Yttrium (Y)	[7440-65-5]	0,00181	%		Peroxide F usion ICP
Ytterbium (Yb)	[7440-64-4]	0,000198	%		Peroxide F usion ICP
Zinc (Zn)	[7440-66-6]	0,00481	%		Peroxide F usion ICP
Zirconium (Zr)	[7440-67-7]	0,01	%		Peroxide F usion ICP
Silver (Ag)	[7440-22-4]	0,000261	%		4-Acid Dig estion
Aluminium (Al)	[7429-90-5]	3,02	%		4-Acid Dig estion
Arsenic (As)	[7440-38-2]	0,0666	%		4-Acid Dig estion
Beryllium (Be)	[7440-41-7]	0,000053	%		4-Acid Dig

					estion
Bismuth (Bi)	[7440-69-9]	0,00136	%		4-Acid Dig
					estion
Calcium (Ca)	[7440-70-2]	3,36	%		4-Acid Dig
					estion
Cerium (Ce)	[7440-45-1]	0,0172	%		4-Acid Dig
					estion
Chromium (Cr)	[7440-47-3]	0,0025	%		4-Acid Dig
					estion
Cesium (Cs)		0,000057	%		4-Acid Dig
					estion
Dysprosium (Dy)	[7429-91-6]	0,000299	%		4-Acid Dig
					estion
Erbium (Er)	[7440-52-0]	0,000183	%		4-Acid Dig
					estion
Europium (Eu)	[7440-53-1]	0,000213	%		4-Acid Dig
					estion
Iron (Fe)	[7439-89-6]	28,9	%		4-Acid Dig
					estion
Gallium (Ga)	[7440-55-3]	0,00143	%		4-Acid Dig
					estion
Gadolinium (Gd)	[7440-54-2]	0,000384	%		4-Acid Dig
					estion
Hafnium (Hf)	[7440-58-6]	0,000266	%		4-Acid Dig
					estion
Holmium (Ho)	[7440-60-0]	0,000062	%		4-Acid Dig
					estion
Indium (In)	[7440-74-6]	0,000037	%		4-Acid Dig
					estion
Potassium (K)	[7440-09-7]	2,57	%		4-Acid Dig
					estion
Lithium (Li)	[7439-93-2]	0,00155	%		4-Acid Dig
					estion
Lutetium (Lu)	[7439-94-3]	0,000029	%		4-Acid Dig
					estion
Magnesium (Mg)	[7439-95-4]	1,02	%		4-Acid Dig
					estion
Manganese (Mn)	[7439-96-5]	0,475	%		4-Acid Dig

					estion
Molybdenum (Mo)	[7439-98-7]	0,0313	%	4-Acid Dig	estion
Sodium (Na)	[7440-23-5]	0,239	%	4-Acid Dig	estion
Niobium (Nb)	[7440-03-1]	0,00054	%	4-Acid Dig	estion
Neodymium (Nd)	[7440-00-8]	0,00306	%	4-Acid Dig	estion
Nickel (Ni)	[7440-02-0]	0,0068	%	4-Acid Dig	estion
Phosphorus (P)	[7723-14-0]	0,092	%	4-Acid Dig	estion
Lead (Pb)	[7439-92-1]	0,00263	%	4-Acid Dig	estion
Praseodymium (Pr)	[7440-10-0]	0,00111	%	4-Acid Dig	estion
Rubidium (Rb)	[7440-17-7]	0,0068	%	4-Acid Dig	estion
Rhenium (Re)	[7440-15-5]	0,000015	%	4-Acid Dig	estion
Sulfur (S)	[7704-34-9]	3,82	%	4-Acid Dig	estion
Antimony (Sb)	[7440-36-0]	0,00105	%	4-Acid Dig	estion
Scandium (Sc)	[7440-20-2]	0,000742	%	4-Acid Dig	estion
Selenium (Se)	[7782-49-2]	0,000366	%	4-Acid Dig	estion
Samarium (Sm)	[7440-19-9]	0,000403	%	4-Acid Dig	estion
Tin (Sn)	[7440-31-5]	0,00116	%	4-Acid Dig	estion
Strontium (Sr)	[7440-24-6]	0,0216	%	4-Acid Dig	estion
Tantalum (Ta)	[7440-25-7]	0,000043	%	4-Acid Dig	estion
Terbium (Tb)	[7440-27-9]	0,000054	%	4-Acid Dig	estion

					estion
Tellurium (Te)	[13494-80-9]	0,000163	%	4-Acid Dig	estion
Thorium (Th)	[7440-29-1]	0,000644	%	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,283	%	4-Acid Dig	estion
Thallium (Tl)	[7440-28-0]	0,00003	%	4-Acid Dig	estion
Thulium (Tm)	[7440-30-4]	0,000026	%	4-Acid Dig	estion
Uranium (U)	[7440-61-1]	0,0057	%	4-Acid Dig	estion
Vanadium (V)	[7440-62-2]	0,0113	%	4-Acid Dig	estion
Tungsten (W)	[7440-33-7]	0,0179	%	4-Acid Dig	estion
Yttrium (Y)	[7440-65-5]	0,00171	%	4-Acid Dig	estion
Ytterbium (Yb)	[7440-64-4]	0,000186	%	4-Acid Dig	estion
Zinc (Zn)	[7440-66-6]	0,00402	%	4-Acid Dig	estion
Zirconium (Zr)	[7440-67-7]	0,01	%	4-Acid Dig	estion
Silver (Ag)	[7440-22-4]	0,000229	%	3-Acid Dig	estion (no HF)
Arsenic (As)	[7440-38-2]	0,0657	%	3-Acid Dig	estion (no HF)
Cobalt (Co)	[7440-48-4]	0,0715	%	3-Acid Dig	estion (no HF)
Copper (Cu)	[7440-50-8]	1,69	%	3-Acid Dig	estion (no HF)
Iron (Fe)	[7439-89-6]	28,84	%	3-Acid Dig	

					estion (no HF)
Molybdenum (Mo)	[7439-98-7]	0,0294	%		3-Acid Dig
					estion (no HF)
Sulfur (S)	[7704-34-9]	3,99	%		3-Acid Dig
					estion (no HF)
Silver (Ag)	[7440-22-4]	0,000236	%		Aqua Regia Digestion
Aluminium (Al)	[7429-90-5]	1,15	%		Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	0,0665	%		Aqua Regia Digestion
Gold (Au)	[7440-57-5]	0,000101	%		Aqua Regia Digestion
Beryllium (Be)	[7440-41-7]	0,000034	%		Aqua Regia Digestion
Bismuth (Bi)	[7440-69-9]	0,00135	%		Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	3,2	%		Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	0,0188	%		Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	0,0698	%		Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	0,00249	%		Aqua Regia Digestion
Cesium (Cs)		0,000048	%		Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	1,68	%		Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	28,05	%		Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	0,00123	%		Aqua Regia Digestion
Hafnium (Hf)	[7440-58-6]	0,000132	%		Aqua Regia Digestion

Indium (In)	[7440-74-6]	0,000038	%	Aqua Regia Digestion
Potassium (K)	[7440-09-7]	0,615	%	Aqua Regia Digestion
Lanthanum (La)	[7439-91-0]	0,0233	%	Aqua Regia Digestion
Lithium (Li)	[7439-93-2]	0,00162	%	Aqua Regia Digestion
Lutetium (Lu)	[7439-94-3]	0,000024	%	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	0,992	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,437	%	Aqua Regia Digestion
Molybdenum (Mo)	[7439-98-7]	0,0293	%	Aqua Regia Digestion
Niobium (Nb)	[7440-03-1]	0,000156	%	Aqua Regia Digestion
Nickel (Ni)	[7440-02-0]	0,0062	%	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,09	%	Aqua Regia Digestion
Lead (Pb)	[7439-92-1]	0,00274	%	Aqua Regia Digestion
Rubidium (Rb)	[7440-17-7]	0,00305	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	3,84	%	Aqua Regia Digestion
Scandium (Sc)	[7440-20-2]	0,000641	%	Aqua Regia Digestion
Selenium (Se)	[7782-49-2]	0,000435	%	Aqua Regia Digestion
Tin (Sn)	[7440-31-5]	0,000988	%	Aqua Regia Digestion
Strontium (Sr)	[7440-24-6]	0,0062	%	Aqua Regia Digestion
Terbium (Tb)	[7440-27-9]	0,000055	%	Aqua Regia Digestion



Tellurium (Te)	[13494-80-9]	0,000165	%	Aqua Regia Digestion
Thorium (Th)	[7440-29-1]	0,00069	%	Aqua Regia Digestion
Titanium (Ti)	[7440-32-6]	0,158	%	Aqua Regia Digestion
Thallium (Tl)	[7440-28-0]	0,000016	%	Aqua Regia Digestion
Uranium (U)	[7440-61-1]	0,0053	%	Aqua Regia Digestion
Vanadium (V)	[7440-62-2]	0,011	%	Aqua Regia Digestion
Tungsten (W)	[7440-33-7]	0,016	%	Aqua Regia Digestion
Yttrium (Y)	[7440-65-5]	0,00148	%	Aqua Regia Digestion
Ytterbium (Yb)	[7440-64-4]	0,000161	%	Aqua Regia Digestion
Zinc (Zn)	[7440-66-6]	0,00381	%	Aqua Regia Digestion
Zirconium (Zr)	[7440-67-7]	0,0049	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	4,64	%	Infrared C ombustion
Specific Gravity		3,44		Gas / Liqu id Pycnome try