

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

Art. ID OREAS-520-10G  
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]	0,293	%	4-Acid Digestion	
	Gold (Au)	[7440-57-5]	0,0000176	%	Pb Fire Assay	
	Cobalt (Co)	[7440-48-4]	0,0203	%	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	5,68	%	Peroxide Fusion ICP	
	Arsenic (As)	[7440-38-2]	0,0156	%	Peroxide Fusion ICP	
	Barium (Ba)	[7440-39-3]	0,8058	%	Peroxide Fusion ICP	
	Bismuth (Bi)	[7440-69-9]	0,000302	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	4,21	%	Peroxide Fusion ICP	
	Cerium (Ce)	[7440-45-1]	0,0085	%	Peroxide Fusion ICP	
	Cobalt (Co)	[7440-48-4]	0,0207	%	Peroxide Fusion ICP	
	Chromium (Cr)	[7440-47-3]	0,00442	%	Peroxide Fusion ICP	
	Cesium (Cs)		0,000087	%	Peroxide Fusion ICP	
	Copper (Cu)	[7440-50-8]	0,293	%	Peroxide Fusion ICP	
	Dysprosium (Dy)	[7429-91-6]	0,000399	%	Peroxide Fusion ICP	
	Erbium (Er)	[7440-52-0]	0,000242	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	16,84	%	Peroxide F	

					usion ICP
Gallium (Ga)	[7440-55-3]	0,00199	%	Peroxide F	usion ICP
Gadolinium (Gd)	[7440-54-2]	0,000436	%	Peroxide F	usion ICP
Hafnium (Hf)	[7440-58-6]	0,000378	%	Peroxide F	usion ICP
Holmium (Ho)	[7440-60-0]	0,000083	%	Peroxide F	usion ICP
Potassium (K)	[7440-09-7]	3,52	%	Peroxide F	usion ICP
Lanthanum (La)	[7439-91-0]	0,009	%	Peroxide F	usion ICP
Lithium (Li)	[7439-93-2]	0,0018	%	Peroxide F	usion ICP
Lutetium (Lu)	[7439-94-3]	0,000038	%	Peroxide F	usion ICP
Magnesium (Mg)	[7439-95-4]	1,22	%	Peroxide F	usion ICP
Manganese (Mn)	[7439-96-5]	0,252	%	Peroxide F	usion ICP
Molybdenum (Mo)	[7439-98-7]	0,0064	%	Peroxide F	usion ICP
Niobium (Nb)	[7440-03-1]	0,000655	%	Peroxide F	usion ICP
Neodymium (Nd)	[7440-00-8]	0,00232	%	Peroxide F	usion ICP
Nickel (Ni)	[7440-02-0]	0,0082	%	Peroxide F	usion ICP
Phosphorus (P)	[7723-14-0]	0,076	%	Peroxide F	usion ICP
Praseodymium (Pr)	[7440-10-0]	0,000728	%	Peroxide F	usion ICP
Rubidium (Rb)	[7440-17-7]	0,0114	%	Peroxide F	usion ICP
Sulfur (S)	[7704-34-9]	1,14	%	Peroxide F	usion ICP
Antimony (Sb)	[7440-36-0]	0,000335	%	Peroxide F	

					usion ICP
Scandium (Sc)	[7440-20-2]	0,00166	%	Peroxide F	usion ICP
Silicon (Si)	[7440-21-3]	19,72	%	Peroxide F	usion ICP
Samarium (Sm)	[7440-19-9]	0,000432	%	Peroxide F	usion ICP
Strontium (Sr)	[7440-24-6]	0,0108	%	Peroxide F	usion ICP
Tantalum (Ta)	[7440-25-7]	0,000054	%	Peroxide F	usion ICP
Terbium (Tb)	[7440-27-9]	0,000065	%	Peroxide F	usion ICP
Thorium (Th)	[7440-29-1]	0,00101	%	Peroxide F	usion ICP
Titanium (Ti)	[7440-32-6]	0,542	%	Peroxide F	usion ICP
Thulium (Tm)	[7440-30-4]	0,000037	%	Peroxide F	usion ICP
Uranium (U)	[7440-61-1]	0,00181	%	Peroxide F	usion ICP
Vanadium (V)	[7440-62-2]	0,028	%	Peroxide F	usion ICP
Tungsten (W)	[7440-33-7]	0,00445	%	Peroxide F	usion ICP
Yttrium (Y)	[7440-65-5]	0,00224	%	Peroxide F	usion ICP
Ytterbium (Yb)	[7440-64-4]	0,00024	%	Peroxide F	usion ICP
Zirconium (Zr)	[7440-67-7]	0,0141	%	Peroxide F	usion ICP
Silver (Ag)	[7440-22-4]	0,000045	%	4-Acid Dig	estion
Aluminium (Al)	[7429-90-5]	5,63	%	4-Acid Dig	estion
Arsenic (As)	[7440-38-2]	0,0153	%	4-Acid Dig	estion
Beryllium (Be)	[7440-41-7]	0,000106	%	4-Acid Dig	

					estion
Bismuth (Bi)	[7440-69-9]	0,000294	%		4-Acid Dig
					estion
Calcium (Ca)	[7440-70-2]	4,1	%		4-Acid Dig
					estion
Cerium (Ce)	[7440-45-1]	0,0086	%		4-Acid Dig
					estion
Chromium (Cr)	[7440-47-3]	0,00364	%		4-Acid Dig
					estion
Cesium (Cs)		0,00008	%		4-Acid Dig
					estion
Dysprosium (Dy)	[7429-91-6]	0,000366	%		4-Acid Dig
					estion
Erbium (Er)	[7440-52-0]	0,000221	%		4-Acid Dig
					estion
Europium (Eu)	[7440-53-1]	0,000129	%		4-Acid Dig
					estion
Iron (Fe)	[7439-89-6]	16,43	%		4-Acid Dig
					estion
Gallium (Ga)	[7440-55-3]	0,00187	%		4-Acid Dig
					estion
Gadolinium (Gd)	[7440-54-2]	0,000408	%		4-Acid Dig
					estion
Hafnium (Hf)	[7440-58-6]	0,000353	%		4-Acid Dig
					estion
Holmium (Ho)	[7440-60-0]	0,000076	%		4-Acid Dig
					estion
Indium (In)	[7440-74-6]	0,000011	%		4-Acid Dig
					estion
Potassium (K)	[7440-09-7]	3,46	%		4-Acid Dig
					estion
Lanthanum (La)	[7439-91-0]	0,0085	%		4-Acid Dig
					estion
Lithium (Li)	[7439-93-2]	0,00169	%		4-Acid Dig
					estion
Lutetium (Lu)	[7439-94-3]	0,000034	%		4-Acid Dig
					estion
Magnesium (Mg)	[7439-95-4]	1,19	%		4-Acid Dig

					estion
Manganese (Mn)	[7439-96-5]	0,242	%		4-Acid Dig
					estion
Molybdenum (Mo)	[7439-98-7]	0,0065	%		4-Acid Dig
					estion
Sodium (Na)	[7440-23-5]	1,35	%		4-Acid Dig
					estion
Niobium (Nb)	[7440-03-1]	0,000568	%		4-Acid Dig
					estion
Neodymium (Nd)	[7440-00-8]	0,00221	%		4-Acid Dig
					estion
Nickel (Ni)	[7440-02-0]	0,0076	%		4-Acid Dig
					estion
Phosphorus (P)	[7723-14-0]	0,074	%		4-Acid Dig
					estion
Lead (Pb)	[7439-92-1]	0,000585	%		4-Acid Dig
					estion
Praseodymium (Pr)	[7440-10-0]	0,000669	%		4-Acid Dig
					estion
Rubidium (Rb)	[7440-17-7]	0,0111	%		4-Acid Dig
					estion
Rhenium (Re)	[7440-15-5]	0,0000031	%		4-Acid Dig
					estion
Sulfur (S)	[7704-34-9]	1,01	%		4-Acid Dig
					estion
Antimony (Sb)	[7440-36-0]	0,000321	%		4-Acid Dig
					estion
Scandium (Sc)	[7440-20-2]	0,0017	%		4-Acid Dig
					estion
Selenium (Se)	[7782-49-2]	0,000176	%		4-Acid Dig
					estion
Samarium (Sm)	[7440-19-9]	0,000402	%		4-Acid Dig
					estion
Tin (Sn)	[7440-31-5]	0,000476	%		4-Acid Dig
					estion
Strontium (Sr)	[7440-24-6]	0,0104	%		4-Acid Dig
					estion
Tantalum (Ta)	[7440-25-7]	0,000047	%		4-Acid Dig

					estion
	Terbium (Tb)	[7440-27-9]	0,000064	%	4-Acid Dig
					estion
	Tellurium (Te)	[13494-80-9]	0,000036	%	4-Acid Dig
					estion
	Thorium (Th)	[7440-29-1]	0,000962	%	4-Acid Dig
					estion
	Titanium (Ti)	[7440-32-6]	0,445	%	4-Acid Dig
					estion
	Thallium (Tl)	[7440-28-0]	0,000026	%	4-Acid Dig
					estion
	Thulium (Tm)	[7440-30-4]	0,000031	%	4-Acid Dig
					estion
	Uranium (U)	[7440-61-1]	0,00179	%	4-Acid Dig
					estion
	Vanadium (V)	[7440-62-2]	0,0257	%	4-Acid Dig
					estion
	Tungsten (W)	[7440-33-7]	0,00438	%	4-Acid Dig
					estion
	Yttrium (Y)	[7440-65-5]	0,00208	%	4-Acid Dig
					estion
	Ytterbium (Yb)	[7440-64-4]	0,00022	%	4-Acid Dig
					estion
	Zinc (Zn)	[7440-66-6]	0,00227	%	4-Acid Dig
					estion
	Zirconium (Zr)	[7440-67-7]	0,0134	%	4-Acid Dig
					estion
	Silver (Ag)	[7440-22-4]	< 0,00005	%	3-Acid Dig
					estion (no HF)
	Arsenic (As)	[7440-38-2]	0,0151	%	3-Acid Dig
					estion (no HF)
	Cobalt (Co)	[7440-48-4]	0,0199	%	3-Acid Dig
					estion (no HF)
	Copper (Cu)	[7440-50-8]	0,292	%	3-Acid Dig
					estion (no

					HF)
Iron (Fe)	[7439-89-6]	16,96	%		3-Acid Digestion (no HF)
Molybdenum (Mo)	[7439-98-7]	0,006	%		3-Acid Digestion (no HF)
Sulfur (S)	[7704-34-9]	1,07	%		3-Acid Digestion (no HF)
Silver (Ag)	[7440-22-4]	0,0000422	%		Aqua Regia Digestion
Aluminium (Al)	[7429-90-5]	1,56	%		Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	0,0152	%		Aqua Regia Digestion
Gold (Au)	[7440-57-5]	0,0000169	%		Aqua Regia Digestion
Beryllium (Be)	[7440-41-7]	0,000054	%		Aqua Regia Digestion
Bismuth (Bi)	[7440-69-9]	0,00029	%		Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	3,84	%		Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	0,0079	%		Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	0,0196	%		Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	0,00374	%		Aqua Regia Digestion
Cesium (Cs)		0,000057	%		Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	0,296	%		Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	15,74	%		Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	0,00137	%		Aqua Regia Digestion

Germanium (Ge)	[7440-56-4]	0,000025	%	Aqua Regia Digestion
Hafnium (Hf)	[7440-58-6]	0,000081	%	Aqua Regia Digestion
Indium (In)	[7440-74-6]	0,000011	%	Aqua Regia Digestion
Potassium (K)	[7440-09-7]	0,506	%	Aqua Regia Digestion
Lanthanum (La)	[7439-91-0]	0,0083	%	Aqua Regia Digestion
Lithium (Li)	[7439-93-2]	0,00166	%	Aqua Regia Digestion
Lutetium (Lu)	[7439-94-3]	0,00002	%	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	1,14	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,228	%	Aqua Regia Digestion
Molybdenum (Mo)	[7439-98-7]	0,0062	%	Aqua Regia Digestion
Sodium (Na)	[7440-23-5]	0,052	%	Aqua Regia Digestion
Nickel (Ni)	[7440-02-0]	0,0073	%	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,074	%	Aqua Regia Digestion
Lead (Pb)	[7439-92-1]	0,000522	%	Aqua Regia Digestion
Rubidium (Rb)	[7440-17-7]	0,00315	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	1,03	%	Aqua Regia Digestion
Antimony (Sb)	[7440-36-0]	0,000197	%	Aqua Regia Digestion
Scandium (Sc)	[7440-20-2]	0,00118	%	Aqua Regia Digestion
Selenium (Se)	[7782-49-2]	0,000173	%	Aqua Regia Digestion



Tin (Sn)	[7440-31-5]	0,000342	%	Aqua Regia Digestion
Strontium (Sr)	[7440-24-6]	0,0036	%	Aqua Regia Digestion
Terbium (Tb)	[7440-27-9]	0,00005	%	Aqua Regia Digestion
Tellurium (Te)	[13494-80-9]	0,000033	%	Aqua Regia Digestion
Thorium (Th)	[7440-29-1]	0,000803	%	Aqua Regia Digestion
Titanium (Ti)	[7440-32-6]	0,135	%	Aqua Regia Digestion
Thallium (Tl)	[7440-28-0]	0,000009	%	Aqua Regia Digestion
Uranium (U)	[7440-61-1]	0,00149	%	Aqua Regia Digestion
Vanadium (V)	[7440-62-2]	0,0247	%	Aqua Regia Digestion
Tungsten (W)	[7440-33-7]	0,00296	%	Aqua Regia Digestion
Yttrium (Y)	[7440-65-5]	0,00143	%	Aqua Regia Digestion
Ytterbium (Yb)	[7440-64-4]	0,000136	%	Aqua Regia Digestion
Zinc (Zn)	[7440-66-6]	0,00207	%	Aqua Regia Digestion
Zirconium (Zr)	[7440-67-7]	0,0028	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	1,11	%	Infrared C ombustion
Specific Gravity		3		Gas / Liqu id Pycnome try