

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

Art. ID OREAS-521-60G  
Unit 60 g  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Copper (Cu)	[7440-50-8]	0,607	%	4-Acid Digestion	
	Gold (Au)	[7440-57-5]	0,0000376	%	Pb Fire Assay	
	Cobalt (Co)	[7440-48-4]	0,0386	%	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	4,78	%	Peroxide Fusion ICP	
	Arsenic (As)	[7440-38-2]	0,0347	%	Peroxide Fusion ICP	
	Barium (Ba)	[7440-39-3]	1,62	%	Peroxide Fusion ICP	
	Bismuth (Bi)	[7440-69-9]	0,000608	%	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	3,98	%	Peroxide Fusion ICP	
	Cerium (Ce)	[7440-45-1]	0,0128	%	Peroxide Fusion ICP	
	Cobalt (Co)	[7440-48-4]	0,0387	%	Peroxide Fusion ICP	
	Chromium (Cr)	[7440-47-3]	0,00381	%	Peroxide Fusion ICP	
	Cesium (Cs)		0,000076	%	Peroxide Fusion ICP	
	Copper (Cu)	[7440-50-8]	0,609	%	Peroxide Fusion ICP	
	Dysprosium (Dy)	[7429-91-6]	0,00038	%	Peroxide Fusion ICP	
	Erbium (Er)	[7440-52-0]	0,000225	%	Peroxide Fusion ICP	
	Iron (Fe)	[7439-89-6]	20,9	%	Peroxide F	

					usion ICP
Gallium (Ga)	[7440-55-3]	0,00184	%	Peroxide F	usion ICP
Gadolinium (Gd)	[7440-54-2]	0,000444	%	Peroxide F	usion ICP
Holmium (Ho)	[7440-60-0]	0,000079	%	Peroxide F	usion ICP
Potassium (K)	[7440-09-7]	3,29	%	Peroxide F	usion ICP
Lanthanum (La)	[7439-91-0]	0,0165	%	Peroxide F	usion ICP
Lithium (Li)	[7439-93-2]	0,00191	%	Peroxide F	usion ICP
Lutetium (Lu)	[7439-94-3]	0,000037	%	Peroxide F	usion ICP
Magnesium (Mg)	[7439-95-4]	1,16	%	Peroxide F	usion ICP
Manganese (Mn)	[7439-96-5]	0,332	%	Peroxide F	usion ICP
Molybdenum (Mo)	[7439-98-7]	0,0139	%	Peroxide F	usion ICP
Niobium (Nb)	[7440-03-1]	0,000614	%	Peroxide F	usion ICP
Neodymium (Nd)	[7440-00-8]	0,00273	%	Peroxide F	usion ICP
Nickel (Ni)	[7440-02-0]	0,008	%	Peroxide F	usion ICP
Phosphorus (P)	[7723-14-0]	0,086	%	Peroxide F	usion ICP
Praseodymium (Pr)	[7440-10-0]	0,000903	%	Peroxide F	usion ICP
Rubidium (Rb)	[7440-17-7]	0,01	%	Peroxide F	usion ICP
Sulfur (S)	[7704-34-9]	2,15	%	Peroxide F	usion ICP
Antimony (Sb)	[7440-36-0]	0,000553	%	Peroxide F	usion ICP
Scandium (Sc)	[7440-20-2]	0,00122	%	Peroxide F	

					usion ICP
Silicon (Si)	[7440-21-3]	17,61	%		Peroxide F usion ICP
Samarium (Sm)	[7440-19-9]	0,000446	%		Peroxide F usion ICP
Tin (Sn)	[7440-31-5]	0,000844	%		Peroxide F usion ICP
Strontium (Sr)	[7440-24-6]	0,0174	%		Peroxide F usion ICP
Terbium (Tb)	[7440-27-9]	0,000065	%		Peroxide F usion ICP
Titanium (Ti)	[7440-32-6]	0,459	%		Peroxide F usion ICP
Thulium (Tm)	[7440-30-4]	0,000035	%		Peroxide F usion ICP
Vanadium (V)	[7440-62-2]	0,0227	%		Peroxide F usion ICP
Tungsten (W)	[7440-33-7]	0,0093	%		Peroxide F usion ICP
Yttrium (Y)	[7440-65-5]	0,00211	%		Peroxide F usion ICP
Ytterbium (Yb)	[7440-64-4]	0,000237	%		Peroxide F usion ICP
Silver (Ag)	[7440-22-4]	0,0000885	%		4-Acid Dig estion
Aluminium (Al)	[7429-90-5]	4,77	%		4-Acid Dig estion
Arsenic (As)	[7440-38-2]	0,0336	%		4-Acid Dig estion
Bismuth (Bi)	[7440-69-9]	0,000585	%		4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	3,86	%		4-Acid Dig estion
Cerium (Ce)	[7440-45-1]	0,0123	%		4-Acid Dig estion
Chromium (Cr)	[7440-47-3]	0,00309	%		4-Acid Dig estion
Cesium (Cs)		0,000072	%		4-Acid Dig

					estion
Dysprosium (Dy)	[7429-91-6]	0,000347	%	4-Acid Dig	estion
Erbium (Er)	[7440-52-0]	0,000212	%	4-Acid Dig	estion
Europium (Eu)	[7440-53-1]	0,000164	%	4-Acid Dig	estion
Iron (Fe)	[7439-89-6]	20,71	%	4-Acid Dig	estion
Gallium (Ga)	[7440-55-3]	0,00174	%	4-Acid Dig	estion
Gadolinium (Gd)	[7440-54-2]	0,000403	%	4-Acid Dig	estion
Holmium (Ho)	[7440-60-0]	0,000072	%	4-Acid Dig	estion
Indium (In)	[7440-74-6]	0,000018	%	4-Acid Dig	estion
Potassium (K)	[7440-09-7]	3,16	%	4-Acid Dig	estion
Lanthanum (La)	[7439-91-0]	0,0139	%	4-Acid Dig	estion
Lithium (Li)	[7439-93-2]	0,00164	%	4-Acid Dig	estion
Lutetium (Lu)	[7439-94-3]	0,000033	%	4-Acid Dig	estion
Magnesium (Mg)	[7439-95-4]	1,13	%	4-Acid Dig	estion
Manganese (Mn)	[7439-96-5]	0,321	%	4-Acid Dig	estion
Molybdenum (Mo)	[7439-98-7]	0,0138	%	4-Acid Dig	estion
Sodium (Na)	[7440-23-5]	0,978	%	4-Acid Dig	estion
Niobium (Nb)	[7440-03-1]	0,000556	%	4-Acid Dig	estion
Neodymium (Nd)	[7440-00-8]	0,00254	%	4-Acid Dig	estion
Nickel (Ni)	[7440-02-0]	0,0073	%	4-Acid Dig	estion

					estion
Phosphorus (P)	[7723-14-0]	0,081	%	4-Acid Dig	estion
Lead (Pb)	[7439-92-1]	0,000935	%	4-Acid Dig	estion
Praseodymium (Pr)	[7440-10-0]	0,000843	%	4-Acid Dig	estion
Rubidium (Rb)	[7440-17-7]	0,0098	%	4-Acid Dig	estion
Rhenium (Re)	[7440-15-5]	0,0000064	%	4-Acid Dig	estion
Sulfur (S)	[7704-34-9]	1,8	%	4-Acid Dig	estion
Antimony (Sb)	[7440-36-0]	0,000566	%	4-Acid Dig	estion
Scandium (Sc)	[7440-20-2]	0,00139	%	4-Acid Dig	estion
Selenium (Se)	[7782-49-2]	0,000237	%	4-Acid Dig	estion
Samarium (Sm)	[7440-19-9]	0,000419	%	4-Acid Dig	estion
Tin (Sn)	[7440-31-5]	0,000711	%	4-Acid Dig	estion
Strontium (Sr)	[7440-24-6]	0,0158	%	4-Acid Dig	estion
Tantalum (Ta)	[7440-25-7]	0,000045	%	4-Acid Dig	estion
Terbium (Tb)	[7440-27-9]	0,000061	%	4-Acid Dig	estion
Tellurium (Te)	[13494-80-9]	0,000076	%	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,393	%	4-Acid Dig	estion
Thallium (Tl)	[7440-28-0]	0,000027	%	4-Acid Dig	estion
Thulium (Tm)	[7440-30-4]	0,00003	%	4-Acid Dig	estion
Vanadium (V)	[7440-62-2]	0,0209	%	4-Acid Dig	estion

					estion
Tungsten (W)	[7440-33-7]	0,0092	%		4-Acid Dig
					estion
Yttrium (Y)	[7440-65-5]	0,00199	%		4-Acid Dig
					estion
Ytterbium (Yb)	[7440-64-4]	0,00021	%		4-Acid Dig
					estion
Zinc (Zn)	[7440-66-6]	0,00244	%		4-Acid Dig
					estion
Silver (Ag)	[7440-22-4]	0,0000867	%		3-Acid Dig
					estion (no HF)
Arsenic (As)	[7440-38-2]	0,0338	%		3-Acid Dig
					estion (no HF)
Cobalt (Co)	[7440-48-4]	0,0382	%		3-Acid Dig
					estion (no HF)
Copper (Cu)	[7440-50-8]	0,601	%		3-Acid Dig
					estion (no HF)
Iron (Fe)	[7439-89-6]	21	%		3-Acid Dig
					estion (no HF)
Molybdenum (Mo)	[7439-98-7]	0,013	%		3-Acid Dig
					estion (no HF)
Sulfur (S)	[7704-34-9]	1,9	%		3-Acid Dig
					estion (no HF)
Silver (Ag)	[7440-22-4]	0,0000817	%		Aqua Regia Digestion
Aluminium (Al)	[7429-90-5]	1,44	%		Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	0,0333	%		Aqua Regia Digestion
Gold (Au)	[7440-57-5]	0,0000365	%		Aqua Regia Digestion

Bismuth (Bi)	[7440-69-9]	0,000584	%	Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	3,66	%	Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	0,0121	%	Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	0,0374	%	Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	0,00327	%	Aqua Regia Digestion
Cesium (Cs)		0,000055	%	Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	0,599	%	Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	19,96	%	Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	0,00143	%	Aqua Regia Digestion
Germanium (Ge)	[7440-56-4]	0,000028	%	Aqua Regia Digestion
Indium (In)	[7440-74-6]	0,000017	%	Aqua Regia Digestion
Potassium (K)	[7440-09-7]	0,526	%	Aqua Regia Digestion
Lanthanum (La)	[7439-91-0]	0,0147	%	Aqua Regia Digestion
Lithium (Li)	[7439-93-2]	0,00167	%	Aqua Regia Digestion
Lutetium (Lu)	[7439-94-3]	0,000022	%	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	1,1	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,3	%	Aqua Regia Digestion
Molybdenum (Mo)	[7439-98-7]	0,0133	%	Aqua Regia Digestion
Sodium (Na)	[7440-23-5]	0,045	%	Aqua Regia Digestion

Niobium (Nb)	[7440-03-1]	0,000049	%	Aqua Regia Digestion
Nickel (Ni)	[7440-02-0]	0,0068	%	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,081	%	Aqua Regia Digestion
Lead (Pb)	[7439-92-1]	0,000904	%	Aqua Regia Digestion
Rubidium (Rb)	[7440-17-7]	0,00318	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	1,85	%	Aqua Regia Digestion
Antimony (Sb)	[7440-36-0]	0,000365	%	Aqua Regia Digestion
Scandium (Sc)	[7440-20-2]	0,001	%	Aqua Regia Digestion
Selenium (Se)	[7782-49-2]	0,000239	%	Aqua Regia Digestion
Tin (Sn)	[7440-31-5]	0,000578	%	Aqua Regia Digestion
Strontium (Sr)	[7440-24-6]	0,0054	%	Aqua Regia Digestion
Terbium (Tb)	[7440-27-9]	0,000053	%	Aqua Regia Digestion
Tellurium (Te)	[13494-80-9]	0,000074	%	Aqua Regia Digestion
Titanium (Ti)	[7440-32-6]	0,141	%	Aqua Regia Digestion
Thallium (Tl)	[7440-28-0]	0,000011	%	Aqua Regia Digestion
Vanadium (V)	[7440-62-2]	0,02	%	Aqua Regia Digestion
Tungsten (W)	[7440-33-7]	0,0071	%	Aqua Regia Digestion
Yttrium (Y)	[7440-65-5]	0,0015	%	Aqua Regia Digestion
Ytterbium (Yb)	[7440-64-4]	0,000149	%	Aqua Regia Digestion



Zinc (Zn)	[7440-66-6]	0,00236	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	2,17	%	Infrared C ombustion
Specific Gravity		3,12		Gas / Liqu id Pycnome try