

**Au <1 ppm, Au-Cu ore, Cu ore, SuperCRM, Matrix: weathered rhyodacite, Mineralisation Style: oxidised VMS**

Art. ID OREAS-906-60G  
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]	0,31	%	4-Acid Digestion	
	Copper Soluble (Cu-Sol)		0,259	%	Sulphuric Acid Leach	
	Gold (Au)	[7440-57-5]	49	ppb	Pb Fire Assay	
	Silver (Ag)	[7440-22-4]	0,0000754	%	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	7,36	%	4-Acid Digestion	
	Arsenic (As)	[7440-38-2]	0,00228	%	4-Acid Digestion	
	Barium (Ba)	[7440-39-3]	0,2714	%	4-Acid Digestion	
	Beryllium (Be)	[7440-41-7]	0,000294	%	4-Acid Digestion	
	Bismuth (Bi)	[7440-69-9]	0,00111	%	4-Acid Digestion	
	Calcium (Ca)	[7440-70-2]	0,566	%	4-Acid Digestion	
	Cadmium (Cd)	[7440-43-9]	0,000042	%	4-Acid Digestion	
	Cerium (Ce)	[7440-45-1]	0,0093	%	4-Acid Digestion	
	Cobalt (Co)	[7440-48-4]	0,00242	%	4-Acid Digestion	
	Chromium (Cr)	[7440-47-3]	0,000896	%	4-Acid Digestion	
	Cesium (Cs)		0,00068	%	4-Acid Digestion	

Dysprosium (Dy)	[7429-91-6]	0,00037	%	4-Acid Digestion
Erbium (Er)	[7440-52-0]	0,000113	%	4-Acid Digestion
Europium (Eu)	[7440-53-1]	0,000154	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	5,5	%	4-Acid Digestion
Gallium (Ga)	[7440-55-3]	0,00284	%	4-Acid Digestion
Gadolinium (Gd)	[7440-54-2]	0,00062	%	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,000699	%	4-Acid Digestion
Holmium (Ho)	[7440-60-0]	0,00005	%	4-Acid Digestion
Indium (In)	[7440-74-6]	0,000123	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	2,84	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	0,00467	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,00193	%	4-Acid Digestion
Lutetium (Lu)	[7439-94-3]	0,00001	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,277	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,037	%	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,000405	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	2,42	%	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	0,00178	%	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	0,00397	%	4-Acid Digestion

Nickel (Ni)	[7440-02-0]	0,000489	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,027	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,00361	%	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	0,00107	%	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	0,0138	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,038	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,000236	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,00046	%	4-Acid Digestion
Selenium (Se)	[7782-49-2]	0,000499	%	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	0,000771	%	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,000433	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,0156	%	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,000135	%	4-Acid Digestion
Terbium (Tb)	[7440-27-9]	0,000077	%	4-Acid Digestion
Tellurium (Te)	[13494-80-9]	< 0,00002	%	4-Acid Digestion
Thorium (Th)	[7440-29-1]	0,00148	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,113	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,000071	%	4-Acid Digestion
Thulium (Tm)	[7440-30-4]	0,000011	%	4-Acid Digestion

Uranium (U)	[7440-61-1]	0,000506	%	4-Acid Digestion
Vanadium (V)	[7440-62-2]	0,000538	%	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,00027	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,00158	%	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	0,00007	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,0163	%	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	0,0261	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	7,48	%	Borate / Peroxide Fusion ICP
Arsenic (As)	[7440-38-2]	0,00236	%	Borate / Peroxide Fusion ICP
Barium (Ba)	[7440-39-3]	0,2811	%	Borate / Peroxide Fusion ICP
Beryllium (Be)	[7440-41-7]	0,000299	%	Borate / Peroxide Fusion ICP
Bismuth (Bi)	[7440-69-9]	0,00116	%	Borate / Peroxide Fusion ICP
Calcium (Ca)	[7440-70-2]	0,582	%	Borate / Peroxide Fusion ICP
Cerium (Ce)	[7440-45-1]	0,0096	%	Borate / Peroxide Fusion ICP
Cobalt (Co)	[7440-48-4]	0,00249	%	Borate / Peroxide Fusion ICP

Cesium (Cs)		0,0007	%	Borate / Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	0,316	%	Borate / Peroxide Fusion ICP
Dysprosium (Dy)	[7429-91-6]	0,00039	%	Borate / Peroxide Fusion ICP
Erbium (Er)	[7440-52-0]	0,000116	%	Borate / Peroxide Fusion ICP
Europium (Eu)	[7440-53-1]	0,000155	%	Borate / Peroxide Fusion ICP
Iron (Fe)	[7439-89-6]	5,77	%	Borate / Peroxide Fusion ICP
Gallium (Ga)	[7440-55-3]	0,0029	%	Borate / Peroxide Fusion ICP
Gadolinium (Gd)	[7440-54-2]	0,000618	%	Borate / Peroxide Fusion ICP
Hafnium (Hf)	[7440-58-6]	0,000749	%	Borate / Peroxide Fusion ICP
Holmium (Ho)	[7440-60-0]	0,000054	%	Borate / Peroxide Fusion ICP
Indium (In)	[7440-74-6]	0,000129	%	Borate / Peroxide Fusion ICP
Potassium (K)	[7440-09-7]	2,94	%	Borate / Peroxide Fusion ICP
Lanthanum (La)	[7439-91-0]	0,00483	%	Borate / Peroxide Fusion ICP

Lithium (Li)	[7439-93-2]	0,00196	%	Borate / Peroxide Fusion ICP
Magnesium (Mg)	[7439-95-4]	0,288	%	Borate / Peroxide Fusion ICP
Manganese (Mn)	[7439-96-5]	0,039	%	Borate / Peroxide Fusion ICP
Molybdenum (Mo)	[7439-98-7]	0,000425	%	Borate / Peroxide Fusion ICP
Niobium (Nb)	[7440-03-1]	0,00179	%	Borate / Peroxide Fusion ICP
Neodymium (Nd)	[7440-00-8]	0,00403	%	Borate / Peroxide Fusion ICP
Phosphorus (P)	[7723-14-0]	0,028	%	Borate / Peroxide Fusion ICP
Lead (Pb)	[7439-92-1]	0,00366	%	Borate / Peroxide Fusion ICP
Praseodymium (Pr)	[7440-10-0]	0,00108	%	Borate / Peroxide Fusion ICP
Rubidium (Rb)	[7440-17-7]	0,0137	%	Borate / Peroxide Fusion ICP
Antimony (Sb)	[7440-36-0]	0,000247	%	Borate / Peroxide Fusion ICP
Silicon (Si)	[7440-21-3]	31,2	%	Borate / Peroxide Fusion ICP
Samarium (Sm)	[7440-19-9]	0,00076	%	Borate / P

					eroxide Fu sion ICP
Tin (Sn)	[7440-31-5]	0,00108	%		Borate / P eroxide Fu sion ICP
Strontium (Sr)	[7440-24-6]	0,0161	%		Borate / P eroxide Fu sion ICP
Tantalum (Ta)	[7440-25-7]	0,000139	%		Borate / P eroxide Fu sion ICP
Terbium (Tb)	[7440-27-9]	0,00008	%		Borate / P eroxide Fu sion ICP
Thorium (Th)	[7440-29-1]	0,00146	%		Borate / P eroxide Fu sion ICP
Titanium (Ti)	[7440-32-6]	0,119	%		Borate / P eroxide Fu sion ICP
Thallium (Tl)	[7440-28-0]	0,000071	%		Borate / P eroxide Fu sion ICP
Uranium (U)	[7440-61-1]	0,000514	%		Borate / P eroxide Fu sion ICP
Vanadium (V)	[7440-62-2]	0,0007	%		Borate / P eroxide Fu sion ICP
Tungsten (W)	[7440-33-7]	0,000271	%		Borate / P eroxide Fu sion ICP
Yttrium (Y)	[7440-65-5]	0,00166	%		Borate / P eroxide Fu sion ICP
Ytterbium (Yb)	[7440-64-4]	0,000076	%		Borate / P eroxide Fu sion ICP

Zinc (Zn)	[7440-66-6]	0,0163	%	Borate / Peroxide Fusion ICP
Zirconium (Zr)	[7440-67-7]	0,0274	%	Borate / Peroxide Fusion ICP
Silver (Ag)	[7440-22-4]	0,0000735	%	Aqua Regia Digestion
Aluminium (Al)	[7429-90-5]	0,787	%	Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	0,00204	%	Aqua Regia Digestion
Gold (Au)	[7440-57-5]	51	ppb	Aqua Regia Digestion
Barium (Ba)	[7440-39-3]	0,0241	%	Aqua Regia Digestion
Beryllium (Be)	[7440-41-7]	0,000091	%	Aqua Regia Digestion
Bismuth (Bi)	[7440-69-9]	0,0011	%	Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	0,315	%	Aqua Regia Digestion
Cadmium (Cd)	[7440-43-9]	0,000041	%	Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	0,0079	%	Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	0,00228	%	Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	0,000883	%	Aqua Regia Digestion
Cesium (Cs)		0,000122	%	Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	0,315	%	Aqua Regia Digestion
Dysprosium (Dy)	[7429-91-6]	0,000171	%	Aqua Regia Digestion
Erbium (Er)	[7440-52-0]	0,000043	%	Aqua Regia Digestion



Europium (Eu)	[7440-53-1]	0,000097	%	Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	4,98	%	Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	0,000898	%	Aqua Regia Digestion
Gadolinium (Gd)	[7440-54-2]	0,000365	%	Aqua Regia Digestion
Hafnium (Hf)	[7440-58-6]	0,000122	%	Aqua Regia Digestion
Mercury (Hg)	[7439-97-6]	< 0,000005	%	Aqua Regia Digestion
Holmium (Ho)	[7440-60-0]	0,000022	%	Aqua Regia Digestion
Indium (In)	[7440-74-6]	0,000116	%	Aqua Regia Digestion
Potassium (K)	[7440-09-7]	0,297	%	Aqua Regia Digestion
Lanthanum (La)	[7439-91-0]	0,004	%	Aqua Regia Digestion
Lithium (Li)	[7439-93-2]	0,000418	%	Aqua Regia Digestion
Lutetium (Lu)	[7439-94-3]	0,0000034	%	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	0,133	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,034	%	Aqua Regia Digestion
Molybdenum (Mo)	[7439-98-7]	0,000385	%	Aqua Regia Digestion
Sodium (Na)	[7440-23-5]	0,09	%	Aqua Regia Digestion
Neodymium (Nd)	[7440-00-8]	0,00306	%	Aqua Regia Digestion
Nickel (Ni)	[7440-02-0]	0,000453	%	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,024	%	Aqua Regia Digestion

Lead (Pb)	[7439-92-1]	0,00225	%	Aqua Regia Digestion
Praseodymium (Pr)	[7440-10-0]	0,000861	%	Aqua Regia Digestion
Rubidium (Rb)	[7440-17-7]	0,00167	%	Aqua Regia Digestion
Sulfur (S)	[7704-34-9]	0,036	%	Aqua Regia Digestion
Antimony (Sb)	[7440-36-0]	0,000152	%	Aqua Regia Digestion
Scandium (Sc)	[7440-20-2]	0,000176	%	Aqua Regia Digestion
Selenium (Se)	[7782-49-2]	0,000454	%	Aqua Regia Digestion
Samarium (Sm)	[7440-19-9]	0,000522	%	Aqua Regia Digestion
Tin (Sn)	[7440-31-5]	0,000164	%	Aqua Regia Digestion
Strontium (Sr)	[7440-24-6]	0,00118	%	Aqua Regia Digestion
Terbium (Tb)	[7440-27-9]	0,000043	%	Aqua Regia Digestion
Tellurium (Te)	[13494-80-9]	0,000011	%	Aqua Regia Digestion
Thorium (Th)	[7440-29-1]	0,000877	%	Aqua Regia Digestion
Titanium (Ti)	[7440-32-6]	0,017	%	Aqua Regia Digestion
Thallium (Tl)	[7440-28-0]	0,00001	%	Aqua Regia Digestion
Thulium (Tm)	[7440-30-4]	0,0000045	%	Aqua Regia Digestion
Uranium (U)	[7440-61-1]	0,000233	%	Aqua Regia Digestion
Tungsten (W)	[7440-33-7]	0,000064	%	Aqua Regia Digestion
Yttrium (Y)	[7440-65-5]	0,000691	%	Aqua Regia Digestion

Ytterbium (Yb)	[7440-64-4]	0,000026	%	Aqua Regia Digestion
Zinc (Zn)	[7440-66-6]	0,0089	%	Aqua Regia Digestion
Zirconium (Zr)	[7440-67-7]	0,00475	%	Aqua Regia Digestion
Specific Gravity		2,77		Gas / Liqu id Pycnome try