

Au <1 ppm, Cu ore, Au-Cu ore, Matrix: quartz monzonite, Mineralisation Style: porphyry copper-gold - CERTIFIED REFERENCE MATERIAL

Art. ID OREAS-503e-X
Unit on request
Deliverydetails No Dangerous Good /not restricted

Description

Certification Program includes: 1. Au by fire assay with AAS or ICP finish / 2. Au by aqua regia digestion (15-40g sample weight) with AAS or ICP finish / 3. Full elemental suite package by 4-acid digestion with ICP-OES and MS finish / 4. Full elemental suite package by aqua regia digestion with ICP-OES and MS finish

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Gold (Au)	[7440-57-5]	0,709	ppm	Pb Fire Assay	
	Copper (Cu)	[7440-50-8]	0,531	%	4-Acid Digestion	
	Molybdenum (Mo)	[7439-98-7]	343	ppm	4-Acid Digestion	
	Gold (Au)	[7440-57-5]	0,706	ppm	Aqua Regia Digestion (sample weights 10-50g)	
	Silver (Ag)	[7440-22-4]	1,52	ppm	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	7,55	%	4-Acid Digestion	
	Arsenic (As)	[7440-38-2]	28,8	ppm	4-Acid Digestion	
	Barium (Ba)	[7440-39-3]	926	ppm	4-Acid Digestion	
	Beryllium (Be)	[7440-41-7]	2,34	ppm	4-Acid Digestion	
	Bismuth (Bi)	[7440-69-9]	1,86	ppm	4-Acid Digestion	
	Calcium (Ca)	[7440-70-2]	1,95	%	4-Acid Digestion	
	Cadmium (Cd)	[7440-43-9]	0,75	ppm	4-Acid Digestion	

Cerium (Ce)	[7440-45-1]	67	ppm	4-Acid Digestion
Cobalt (Co)	[7440-48-4]	16,3	ppm	4-Acid Digestion
Chromium (Cr)	[7440-47-3]	45,9	ppm	4-Acid Digestion
Caesium (Cs)	[7440-46-2]	9,33	ppm	4-Acid Digestion
Dysprosium (Dy)	[7429-91-6]	3,5	ppm	4-Acid Digestion
Erbium (Er)	[7440-52-0]	1,44	ppm	4-Acid Digestion
Europium (Eu)	[7440-53-1]	1,29	ppm	4-Acid Digestion
Iron (Fe)	[7439-89-6]	4,11	%	4-Acid Digestion
Gallium (Ga)	[7440-55-3]	19,4	ppm	4-Acid Digestion
Gadolinium (Gd)	[7440-54-2]	5,5	ppm	4-Acid Digestion
Germanium (Ge)	[7440-56-4]	0,18	ppm	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	1,83	ppm	4-Acid Digestion
Holmium (Ho)	[7440-60-0]	0,58	ppm	4-Acid Digestion
Indium (In)	[7440-74-6]	0,38	ppm	4-Acid Digestion
Potassium (K)	[7440-09-7]	2,95	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	33,3	ppm	4-Acid Digestion
Lithium (Li)	[7439-93-2]	46,3	ppm	4-Acid Digestion
Lutetium (Lu)	[7439-94-3]	0,19	ppm	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,917	%	4-Acid Digestion

Manganese (Mn)	[7439-96-5]	0,043	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	2,01	%	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	11	ppm	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	31	ppm	4-Acid Digestion
Nickel (Ni)	[7440-02-0]	47,6	ppm	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,088	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	78	ppm	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	7,83	ppm	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	146	ppm	4-Acid Digestion
Rhenium (Re)	[7440-15-5]	0,016	ppm	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,875	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	236	ppm	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	9,66	ppm	4-Acid Digestion
Selenium (Se)	[7782-49-2]	6,03	ppm	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	6,21	ppm	4-Acid Digestion
Tin (Sn)	[7440-31-5]	4,51	ppm	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	229	ppm	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,97	ppm	4-Acid Digestion
Terbium (Tb)	[7440-27-9]	0,69	ppm	4-Acid Digestion

Tellurium (Te)	[13494-80-9]	0,85	ppm	4-Acid Digestion
Thorium (Th)	[7440-29-1]	12,3	ppm	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,351	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,82	ppm	4-Acid Digestion
Thulium (Tm)	[7440-30-4]	0,2	ppm	4-Acid Digestion
Uranium (U)	[7440-61-1]	3,47	ppm	4-Acid Digestion
Vanadium (V)	[7440-62-2]	79	ppm	4-Acid Digestion
Tungsten (W)	[7440-33-7]	10,6	ppm	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	14,9	ppm	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	1,18	ppm	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	261	ppm	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	57	ppm	4-Acid Digestion
Silver (Ag)	[7440-22-4]	1,49	ppm	Aqua Regia Digestion
Aluminium (Al)	[7429-90-5]	1,94	%	Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	28,6	ppm	Aqua Regia Digestion
Boron (B)	[7440-42-8]	< 10,0	ppm	Aqua Regia Digestion
Barium (Ba)	[7440-39-3]	362	ppm	Aqua Regia Digestion
Beryllium (Be)	[7440-41-7]	1,41	ppm	Aqua Regia Digestion
Bismuth (Bi)	[7440-69-9]	1,97	ppm	Aqua Regia Digestion

Calcium (Ca)	[7440-70-2]	0,764	%	Aqua Regia Digestion
Cadmium (Cd)	[7440-43-9]	0,68	ppm	Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	29,6	ppm	Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	16,1	ppm	Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	50	ppm	Aqua Regia Digestion
Caesium (Cs)	[7440-46-2]	8	ppm	Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	0,53	%	Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	3,94	%	Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	9,44	ppm	Aqua Regia Digestion
Germanium (Ge)	[7440-56-4]	0,11	ppm	Aqua Regia Digestion
Hafnium (Hf)	[7440-58-6]	0,32	ppm	Aqua Regia Digestion
Mercury (Hg)	[7439-97-6]	0,065	ppm	Aqua Regia Digestion
Indium (In)	[7440-74-6]	0,38	ppm	Aqua Regia Digestion
Potassium (K)	[7440-09-7]	0,841	%	Aqua Regia Digestion
Lanthanum (La)	[7439-91-0]	14,3	ppm	Aqua Regia Digestion
Lithium (Li)	[7439-93-2]	38,1	ppm	Aqua Regia Digestion
Magnesium (Mg)	[7439-95-4]	0,83	%	Aqua Regia Digestion
Manganese (Mn)	[7439-96-5]	0,037	%	Aqua Regia Digestion
Molybdenum (Mo)	[7439-98-7]	333	ppm	Aqua Regia Digestion

Sodium (Na)	[7440-23-5]	0,135	%	Aqua Regia Digestion
Niobium (Nb)	[7440-03-1]	0,87	ppm	Aqua Regia Digestion
Nickel (Ni)	[7440-02-0]	46,4	ppm	Aqua Regia Digestion
Phosphorus (P)	[7723-14-0]	0,069	%	Aqua Regia Digestion
Lead (Pb)	[7439-92-1]	62	ppm	Aqua Regia Digestion