

Cu ore, CRM State: primary, Matrix: sulphide, Mineralisation Style: porphyry copper-gold

Art. ID OREAS-996-50G
Unit 50 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Copper (Cu)	[7440-50-8]	29,27 ± 0,09	wt.%	Classical Wet Chemis try	
	Gold (Au)	[7440-57-5]	9,54 ± 0,287	ppm	Pb Fire As say	
	Silver (Ag)	[7440-22-4]	145 ± 3	ppm	4-Acid Dig estion	
	Aluminium (Al)	[7429-90-5]	0,983 ± 0,041	wt.%	4-Acid Dig estion	
	Arsenic (As)	[7440-38-2]	926 ± 55	ppm	4-Acid Dig estion	
	Barium (Ba)	[7440-39-3]	61 ± 11	ppm	4-Acid Dig estion	
	Beryllium (Be)	[7440-41-7]	<0,50	ppm	4-Acid Dig estion	
	Bismuth (Bi)	[7440-69-9]	307 ± 27	ppm	4-Acid Dig estion	
	Calcium (Ca)	[7440-70-2]	0,732 ± 0,032	wt.%	4-Acid Dig estion	
	Cadmium (Cd)	[7440-43-9]	48,7 ± 3,63	ppm	4-Acid Dig estion	
	Cerium (Ce)	[7440-45-1]	61 ± 13	ppm	4-Acid Dig estion	
	Cobalt (Co)	[7440-48-4]	208 ± 10	ppm	4-Acid Dig estion	
	Chromium (Cr)	[7440-47-3]	29,7 ± 2,6	ppm	4-Acid Dig estion	
	Caesium (Cs)	[7440-46-2]	1,56 ± 0,073	ppm	4-Acid Dig estion	
	Copper (Cu)	[7440-50-8]	29,61 ± 0,459	wt.%	4-Acid Dig estion	

Dysprosium (Dy)	[7429-91-6]	1,12 ± 0,21	ppm	4-Acid Digestion
Erbium (Er)	[7440-52-0]	0,56 ± 0,042	ppm	4-Acid Digestion
Europium (Eu)	[7440-53-1]	0,52 ± 0,047	ppm	4-Acid Digestion
Iron (Fe)	[7439-89-6]	22,46 ± 0,522	wt. %	4-Acid Digestion
Gallium (Ga)	[7440-55-3]	4,04 ± 0,225	ppm	4-Acid Digestion
Gadolinium (Gd)	[7440-54-2]	1,9 ± 0,29	ppm	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,29 ± 0,05	ppm	4-Acid Digestion
Holmium (Ho)	[7440-60-0]	0,2 ± 0,01	ppm	4-Acid Digestion
Indium (In)	[7440-74-6]	13,5 ± 0,64	ppm	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,288 ± 0,015	wt. %	4-Acid Digestion
Lithium (Li)	[7439-93-2]	7,66 ± 0,77	ppm	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,269 ± 0,021	wt. %	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,025 ± 0,001	wt. %	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,191 ± 0,012	wt. %	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,126 ± 0,008	wt. %	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	1,36 ± 0,126	ppm	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	18,7 ± 2,6	ppm	4-Acid Digestion
Nickel (Ni)	[7440-02-0]	182 ± 7	ppm	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,025 ± 0,002	wt. %	4-Acid Digestion

Lead (Pb)	[7439-92-1]	0,136 ± 0,005	wt. %	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	5,74 ± 0,71	ppm	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	13,6 ± 0,47	ppm	4-Acid Digestion
Rhenium (Re)	[7440-15-5]	2,97 ± 0,109	ppm	4-Acid Digestion
Sulfur (S)	[7704-34-9]	25,44 ± 1,552	wt. %	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	589 ± 46	ppm	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	1,26 ± 0,063	ppm	4-Acid Digestion
Selenium (Se)	[7782-49-2]	168 ± 21	ppm	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	2,63 ± 0,28	ppm	4-Acid Digestion
Tin (Sn)	[7440-31-5]	42,8 ± 2,7	ppm	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	72 ± 3,5	ppm	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,093 ± 0,007	ppm	4-Acid Digestion
Tellurium (Te)	[13494-80-9]	21,4 ± 3,9	ppm	4-Acid Digestion
Thorium (Th)	[7440-29-1]	2,54 ± 0,092	ppm	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,048 ± 0,004	wt. %	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	3,41 ± 0,236	ppm	4-Acid Digestion
Uranium (U)	[7440-61-1]	4,31 ± 0,136	ppm	4-Acid Digestion
Vanadium (V)	[7440-62-2]	18,1 ± 2,6	ppm	4-Acid Digestion
Tungsten (W)	[7440-33-7]	23,8 ± 1,35	ppm	4-Acid Digestion

Yttrium (Y)	[7440-65-5]	5,57 ± 0,441	ppm	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	0,48 ± 0,046	ppm	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	1,17 ± 0,038	wt. %	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	8,75 ± 0,9	ppm	4-Acid Digestion
Sulfur (S)	[7704-34-9]	27,66 ± 0,695	wt. %	Infrared Combustion
Aluminium (Al)	[7429-90-5]	1,02 ± 0,019	wt. %	Peroxide Fusion ICP
Arsenic (As)	[7440-38-2]	996 ± 49	ppm	Peroxide Fusion ICP
Barium (Ba)	[7440-39-3]	66 ± 4,6	ppm	Peroxide Fusion ICP
Beryllium (Be)	[7440-41-7]	<1,00	ppm	Peroxide Fusion ICP
Bismuth (Bi)	[7440-69-9]	323 ± 21	ppm	Peroxide Fusion ICP
Calcium (Ca)	[7440-70-2]	0,753 ± 0,038	wt. %	Peroxide Fusion ICP
Cadmium (Cd)	[7440-43-9]	53 ± 6	ppm	Peroxide Fusion ICP
Cerium (Ce)	[7440-45-1]	73 ± 6,9	ppm	Peroxide Fusion ICP
Cobalt (Co)	[7440-48-4]	202 ± 15	ppm	Peroxide Fusion ICP
Caesium (Cs)	[7440-46-2]	1,56 ± 0,28	ppm	Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	29,39 ± 0,562	wt. %	Peroxide Fusion ICP
Dysprosium (Dy)	[7429-91-6]	1,42 ± 0,133	ppm	Peroxide Fusion ICP
Erbium (Er)	[7440-52-0]	0,83 ± 0,11	ppm	Peroxide Fusion ICP
Europium (Eu)	[7440-53-1]	0,53 ± 0,05	ppm	Peroxide Fusion ICP

Iron (Fe)	[7439-89-6]	23,23 ± 0,5	wt. %	Peroxide Fusion ICP
Gallium (Ga)	[7440-55-3]	4,17 ± 0,8	ppm	Peroxide Fusion ICP
Gadolinium (Gd)	[7440-54-2]	1,98 ± 0,172	ppm	Peroxide Fusion ICP
Holmium (Ho)	[7440-60-0]	0,27 ± 0,04	ppm	Peroxide Fusion ICP
Indium (In)	[7440-74-6]	13,8 ± 1,06	ppm	Peroxide Fusion ICP
Potassium (K)	[7440-09-7]	0,296 ± 0,027	wt. %	Peroxide Fusion ICP
Lanthanum (La)	[7439-91-0]	44,5 ± 1,87	ppm	Peroxide Fusion ICP
Lithium (Li)	[7439-93-2]	8,18 ± 1,14	ppm	Peroxide Fusion ICP
Magnesium (Mg)	[7439-95-4]	0,286 ± 0,013	wt. %	Peroxide Fusion ICP
Manganese (Mn)	[7439-96-5]	0,026 ± 0,003	wt. %	Peroxide Fusion ICP
Molybdenum (Mo)	[7439-98-7]	0,209 ± 0,007	wt. %	Peroxide Fusion ICP
Neodymium (Nd)	[7440-00-8]	23,7 ± 1,78	ppm	Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	190 ± 26	ppm	Peroxide Fusion ICP
Lead (Pb)	[7439-92-1]	0,141 ± 0,008	wt. %	Peroxide Fusion ICP
Praseodymium (Pr)	[7440-10-0]	7,15 ± 0,9	ppm	Peroxide Fusion ICP
Rubidium (Rb)	[7440-17-7]	14,6 ± 0,8	ppm	Peroxide Fusion ICP
Sulfur (S)	[7704-34-9]	27,62 ± 0,615	wt. %	Peroxide Fusion ICP
Antimony (Sb)	[7440-36-0]	614 ± 30	ppm	Peroxide Fusion ICP
Silicon (Si)	[7440-21-3]	3,79 ± 0,173	wt. %	Peroxide Fusion ICP

Samarium (Sm)	[7440-19-9]	2,97 ± 0,198	ppm	Peroxide Fusion ICP
Tin (Sn)	[7440-31-5]	44,3 ± 5,9	ppm	Peroxide Fusion ICP
Strontium (Sr)	[7440-24-6]	78 ± 4,8	ppm	Peroxide Fusion ICP
Thorium (Th)	[7440-29-1]	2,51 ± 0,201	ppm	Peroxide Fusion ICP
Titanium (Ti)	[7440-32-6]	0,07 ± 0,002	wt. %	Peroxide Fusion ICP
Thallium (Tl)	[7440-28-0]	3,59 ± 0,135	ppm	Peroxide Fusion ICP
Uranium (U)	[7440-61-1]	4,26 ± 0,191	ppm	Peroxide Fusion ICP
Vanadium (V)	[7440-62-2]	22,3 ± 2,7	ppm	Peroxide Fusion ICP
Tungsten (W)	[7440-33-7]	26,6 ± 3	ppm	Peroxide Fusion ICP
Yttrium (Y)	[7440-65-5]	7,13 ± 1,13	ppm	Peroxide Fusion ICP
Ytterbium (Yb)	[7440-64-4]	0,64 ± 0,11	ppm	Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	1,18 ± 0,035	wt. %	Peroxide Fusion ICP
Fluorine (F)	[7782-41-4]	157 ± 25	ppm	Ion Selective Electrode