

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

Art. ID                      OREAS-907b-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]	0,623	%	4-Acid Digestion	
	Copper soluble (sulphuric) (Cu-Sol(H <sub>2</sub> SO <sub>4</sub> ))		0,514	%	Sequential Leach	
	Gold (Au)	[7440-57-5]	0,119	ppm	Pb Fire Assay	
	Gold (Au)	[7440-57-5]	0,118	ppm	Aqua Regia Digestion (sample weights 10-50g)	
	Silver (Ag)	[7440-22-4]	1,19	ppm	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	7,09	%	4-Acid Digestion	
	Arsenic (As)	[7440-38-2]	30,8	ppm	4-Acid Digestion	
	Barium (Ba)	[7440-39-3]	2542	ppm	4-Acid Digestion	
	Beryllium (Be)	[7440-41-7]	2,78	ppm	4-Acid Digestion	
	Bismuth (Bi)	[7440-69-9]	19	ppm	4-Acid Digestion	
	Calcium (Ca)	[7440-70-2]	0,551	%	4-Acid Digestion	
	Cadmium (Cd)	[7440-43-9]	0,49	ppm	4-Acid Digestion	
	Cerium (Ce)	[7440-45-1]	90	ppm	4-Acid Digestion	
	Cobalt (Co)	[7440-48-4]	32,7	ppm	4-Acid Digestion	

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Chromium (Cr)	[7440-47-3]	12,8	ppm	4-Acid Dig	estion
Caesium (Cs)	[7440-46-2]	6,5	ppm	4-Acid Dig	estion
Dysprosium (Dy)	[7429-91-6]	3,52	ppm	4-Acid Dig	estion
Erbium (Er)	[7440-52-0]	1,12	ppm	4-Acid Dig	estion
Europium (Eu)	[7440-53-1]	1,64	ppm	4-Acid Dig	estion
Iron (Fe)	[7439-89-6]	7,33	%	4-Acid Dig	estion
Gallium (Ga)	[7440-55-3]	32,5	ppm	4-Acid Dig	estion
Gadolinium (Gd)	[7440-54-2]	5,88	ppm	4-Acid Dig	estion
Germanium (Ge)	[7440-56-4]	0,2	ppm	4-Acid Dig	estion
Hafnium (Hf)	[7440-58-6]	6,69	ppm	4-Acid Dig	estion
Holmium (Ho)	[7440-60-0]	0,52	ppm	4-Acid Dig	estion
Indium (In)	[7440-74-6]	2,2	ppm	4-Acid Dig	estion
Potassium (K)	[7440-09-7]	2,69	%	4-Acid Dig	estion
Lanthanum (La)	[7439-91-0]	42,8	ppm	4-Acid Dig	estion
Lithium (Li)	[7439-93-2]	18,8	ppm	4-Acid Dig	estion
Lutetium (Lu)	[7439-94-3]	0,11	ppm	4-Acid Dig	estion
Magnesium (Mg)	[7439-95-4]	0,329	%	4-Acid Dig	estion
Manganese (Mn)	[7439-96-5]	0,031	%	4-Acid Dig	estion
Molybdenum (Mo)	[7439-98-7]	7,52	ppm	4-Acid Dig	estion

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Sodium (Na)	[7440-23-5]	2,3	%	4-Acid Dig	estion
Niobium (Nb)	[7440-03-1]	16,6	ppm	4-Acid Dig	estion
Neodymium (Nd)	[7440-00-8]	37,8	ppm	4-Acid Dig	estion
Nickel (Ni)	[7440-02-0]	4,35	ppm	4-Acid Dig	estion
Phosphorus (P)	[7723-14-0]	0,028	%	4-Acid Dig	estion
Lead (Pb)	[7439-92-1]	36,9	ppm	4-Acid Dig	estion
Praseodymium (Pr)	[7440-10-0]	10,1	ppm	4-Acid Dig	estion
Rubidium (Rb)	[7440-17-7]	131	ppm	4-Acid Dig	estion
Rhenium (Re)	[7440-15-5]	0,003	ppm	4-Acid Dig	estion
Sulfur (S)	[7704-34-9]	0,083	%	4-Acid Dig	estion
Antimony (Sb)	[7440-36-0]	2,83	ppm	4-Acid Dig	estion
Scandium (Sc)	[7440-20-2]	5,05	ppm	4-Acid Dig	estion
Selenium (Se)	[7782-49-2]	8,74	ppm	4-Acid Dig	estion
Samarium (Sm)	[7440-19-9]	7,39	ppm	4-Acid Dig	estion
Tin (Sn)	[7440-31-5]	4,66	ppm	4-Acid Dig	estion
Strontium (Sr)	[7440-24-6]	150	ppm	4-Acid Dig	estion
Tantalum (Ta)	[7440-25-7]	1,24	ppm	4-Acid Dig	estion
Terbium (Tb)	[7440-27-9]	0,77	ppm	4-Acid Dig	estion
Tellurium (Te)	[13494-80-9]	0,36	ppm	4-Acid Dig	estion

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Thorium (Th)	[7440-29-1]	13,9	ppm	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,112	%	4-Acid Dig	estion
Thallium (Tl)	[7440-28-0]	0,68	ppm	4-Acid Dig	estion
Thulium (Tm)	[7440-30-4]	0,13	ppm	4-Acid Dig	estion
Uranium (U)	[7440-61-1]	4,66	ppm	4-Acid Dig	estion
Vanadium (V)	[7440-62-2]	6,53	ppm	4-Acid Dig	estion
Tungsten (W)	[7440-33-7]	2,93	ppm	4-Acid Dig	estion
Yttrium (Y)	[7440-65-5]	15,2	ppm	4-Acid Dig	estion
Ytterbium (Yb)	[7440-64-4]	0,76	ppm	4-Acid Dig	estion
Zinc (Zn)	[7440-66-6]	171	ppm	4-Acid Dig	estion
Zirconium (Zr)	[7440-67-7]	245	ppm	4-Acid Dig	estion
Silver (Ag)	[7440-22-4]	1,13	ppm	Aqua Regia Digestion	
Aluminium (Al)	[7429-90-5]	0,729	%	Aqua Regia Digestion	
Arsenic (As)	[7440-38-2]	28,1	ppm	Aqua Regia Digestion	
Boron (B)	[7440-42-8]	< 10,0	ppm	Aqua Regia Digestion	
Barium (Ba)	[7440-39-3]	166	ppm	Aqua Regia Digestion	
Beryllium (Be)	[7440-41-7]	0,81	ppm	Aqua Regia Digestion	
Bismuth (Bi)	[7440-69-9]	18,8	ppm	Aqua Regia Digestion	
Calcium (Ca)	[7440-70-2]	0,312	%	Aqua Regia	

					Digestion
Cadmium (Cd)	[7440-43-9]	0,46	ppm	Aqua Regia	Digestion
Cerium (Ce)	[7440-45-1]	71	ppm	Aqua Regia	Digestion
Cobalt (Co)	[7440-48-4]	30	ppm	Aqua Regia	Digestion
Chromium (Cr)	[7440-47-3]	12,4	ppm	Aqua Regia	Digestion
Caesium (Cs)	[7440-46-2]	0,97	ppm	Aqua Regia	Digestion
Copper (Cu)	[7440-50-8]	0,625	%	Aqua Regia	Digestion
Iron (Fe)	[7439-89-6]	6,6	%	Aqua Regia	Digestion
Gallium (Ga)	[7440-55-3]	12	ppm	Aqua Regia	Digestion
Germanium (Ge)	[7440-56-4]	0,14	ppm	Aqua Regia	Digestion
Hafnium (Hf)	[7440-58-6]	1,11	ppm	Aqua Regia	Digestion
Indium (In)	[7440-74-6]	2,05	ppm	Aqua Regia	Digestion
Potassium (K)	[7440-09-7]	0,215	%	Aqua Regia	Digestion
Lanthanum (La)	[7439-91-0]	35	ppm	Aqua Regia	Digestion
Lithium (Li)	[7439-93-2]	3,41	ppm	Aqua Regia	Digestion
Lutetium (Lu)	[7439-94-3]	0,032	ppm	Aqua Regia	Digestion
Magnesium (Mg)	[7439-95-4]	0,165	%	Aqua Regia	Digestion
Manganese (Mn)	[7439-96-5]	0,028	%	Aqua Regia	Digestion
Molybdenum (Mo)	[7439-98-7]	6,98	ppm	Aqua Regia	Digestion
Sodium (Na)	[7440-23-5]	0,064	%	Aqua Regia	Digestion

					Digestion
Niobium (Nb)	[7440-03-1]	0,31	ppm	Aqua Regia	Digestion
Nickel (Ni)	[7440-02-0]	3,71	ppm	Aqua Regia	Digestion
Phosphorus (P)	[7723-14-0]	0,024	%	Aqua Regia	Digestion
Lead (Pb)	[7439-92-1]	23,8	ppm	Aqua Regia	Digestion
Rubidium (Rb)	[7440-17-7]	12,7	ppm	Aqua Regia	Digestion
Rhenium (Re)	[7440-15-5]	0,002	ppm	Aqua Regia	Digestion
Sulfur (S)	[7704-34-9]	0,082	%	Aqua Regia	Digestion
Antimony (Sb)	[7440-36-0]	1,79	ppm	Aqua Regia	Digestion
Scandium (Sc)	[7440-20-2]	1,94	ppm	Aqua Regia	Digestion
Selenium (Se)	[7782-49-2]	9,01	ppm	Aqua Regia	Digestion
Tin (Sn)	[7440-31-5]	1,93	ppm	Aqua Regia	Digestion
Strontium (Sr)	[7440-24-6]	10,9	ppm	Aqua Regia	Digestion
Tantalum (Ta)	[7440-25-7]	< 0,010	ppm	Aqua Regia	Digestion
Terbium (Tb)	[7440-27-9]	0,39	ppm	Aqua Regia	Digestion
Tellurium (Te)	[13494-80-9]	0,33	ppm	Aqua Regia	Digestion
Thorium (Th)	[7440-29-1]	7,81	ppm	Aqua Regia	Digestion
Titanium (Ti)	[7440-32-6]	0,017	%	Aqua Regia	Digestion
Thallium (Tl)	[7440-28-0]	0,09	ppm	Aqua Regia	Digestion
Uranium (U)	[7440-61-1]	2,06	ppm	Aqua Regia	Digestion

					Digestion
Vanadium (V)	[7440-62-2]	4,16	ppm		Aqua Regia Digestion
Tungsten (W)	[7440-33-7]	0,87	ppm		Aqua Regia Digestion
Yttrium (Y)	[7440-65-5]	6,27	ppm		Aqua Regia Digestion
Ytterbium (Yb)	[7440-64-4]	0,28	ppm		Aqua Regia Digestion
Zinc (Zn)	[7440-66-6]	100	ppm		Aqua Regia Digestion
Zirconium (Zr)	[7440-67-7]	43,2	ppm		Aqua Regia Digestion
Cu-Sol(CN), Copper soluble (cyanidation)		0,029	%		Sequential Leach
Cu-Res(4A), Copper residual (post leach)		0,072	%		Sequential Leach
Cu-Tot(Calc), Copper total (calculated)		0,629	%		Sequential Leach