

Volcanogenic Massive Sulphide Polymetallic Ore, Matrix: rhyodacite, Mineralisation Style: volcanic hosted massive sulphide

Art. ID OREAS-628-X
Unit on request
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Zinc (Zn)	[7440-66-6]	1,04	%	4-Acid Digestion	
	Copper (Cu)	[7440-50-8]	1,74	%	4-Acid Digestion	
	Gold (Au)	[7440-57-5]	0,868	ppm	Pb Fire Assay	
	Gold (Au)	[7440-57-5]	0,86	ppm	Aqua Regia Digestion (sample weights 10-50g)	
	Sulfur (S)	[7704-34-9]	3,64	%	Infrared Combustion	
	Aluminium (Al)	[7429-90-5]	6,86	%	Peroxide Fusion ICP	
	Arsenic (As)	[7440-38-2]	204	ppm	Peroxide Fusion ICP	
	Barium (Ba)	[7440-39-3]	2610	ppm	Peroxide Fusion ICP	
	Bismuth (Bi)	[7440-69-9]	13	ppm	Peroxide Fusion ICP	
	Calcium (Ca)	[7440-70-2]	0,942	%	Peroxide Fusion ICP	
	Cadmium (Cd)	[7440-43-9]	29,1	ppm	Peroxide Fusion ICP	
	Cerium (Ce)	[7440-45-1]	78	ppm	Peroxide Fusion ICP	
	Cobalt (Co)	[7440-48-4]	31,2	ppm	Peroxide Fusion ICP	
	Caesium (Cs)	[7440-46-2]	6,79	ppm	Peroxide F	

					usion ICP
Copper (Cu)	[7440-50-8]	1,74	%	Peroxide F	usion ICP
Dysprosium (Dy)	[7429-91-6]	3,32	ppm	Peroxide F	usion ICP
Erbium (Er)	[7440-52-0]	1,19	ppm	Peroxide F	usion ICP
Europium (Eu)	[7440-53-1]	1,42	ppm	Peroxide F	usion ICP
Iron (Fe)	[7439-89-6]	4,91	%	Peroxide F	usion ICP
Gallium (Ga)	[7440-55-3]	21	ppm	Peroxide F	usion ICP
Gadolinium (Gd)	[7440-54-2]	5,7	ppm	Peroxide F	usion ICP
Germanium (Ge)	[7440-56-4]	1,52	ppm	Peroxide F	usion ICP
Holmium (Ho)	[7440-60-0]	0,51	ppm	Peroxide F	usion ICP
Indium (In)	[7440-74-6]	2,68	ppm	Peroxide F	usion ICP
Potassium (K)	[7440-09-7]	2,84	%	Peroxide F	usion ICP
Lanthanum (La)	[7439-91-0]	38,5	ppm	Peroxide F	usion ICP
Lithium (Li)	[7439-93-2]	28,6	ppm	Peroxide F	usion ICP
Lutetium (Lu)	[7439-94-3]	0,11	ppm	Peroxide F	usion ICP
Magnesium (Mg)	[7439-95-4]	0,365	%	Peroxide F	usion ICP
Manganese (Mn)	[7439-96-5]	0,177	%	Peroxide F	usion ICP
Molybdenum (Mo)	[7439-98-7]	25,3	ppm	Peroxide F	usion ICP
Niobium (Nb)	[7440-03-1]	14,3	ppm	Peroxide F	usion ICP
Neodymium (Nd)	[7440-00-8]	36	ppm	Peroxide F	

					usion ICP
Phosphorus (P)	[7723-14-0]	0,04	%	Peroxide F	usion ICP
Lead (Pb)	[7439-92-1]	0,261	%	Peroxide F	usion ICP
Praseodymium (Pr)	[7440-10-0]	9,51	ppm	Peroxide F	usion ICP
Rubidium (Rb)	[7440-17-7]	144	ppm	Peroxide F	usion ICP
Sulfur (S)	[7704-34-9]	3,66	%	Peroxide F	usion ICP
Antimony (Sb)	[7440-36-0]	27	ppm	Peroxide F	usion ICP
Silicon (Si)	[7440-21-3]	29,47	%	Peroxide F	usion ICP
Samarium (Sm)	[7440-19-9]	6,76	ppm	Peroxide F	usion ICP
Tin (Sn)	[7440-31-5]	7,71	ppm	Peroxide F	usion ICP
Strontium (Sr)	[7440-24-6]	158	ppm	Peroxide F	usion ICP
Terbium (Tb)	[7440-27-9]	0,72	ppm	Peroxide F	usion ICP
Thorium (Th)	[7440-29-1]	14	ppm	Peroxide F	usion ICP
Titanium (Ti)	[7440-32-6]	0,148	%	Peroxide F	usion ICP
Thallium (Tl)	[7440-28-0]	4,14	ppm	Peroxide F	usion ICP
Thulium (Tm)	[7440-30-4]	0,14	ppm	Peroxide F	usion ICP
Uranium (U)	[7440-61-1]	5,19	ppm	Peroxide F	usion ICP
Vanadium (V)	[7440-62-2]	18,3	ppm	Peroxide F	usion ICP
Tungsten (W)	[7440-33-7]	3,25	ppm	Peroxide F	usion ICP
Yttrium (Y)	[7440-65-5]	15,4	ppm	Peroxide F	

					usion ICP
Ytterbium (Yb)	[7440-64-4]	0,87	ppm	Peroxide F	usion ICP
Zinc (Zn)	[7440-66-6]	1,05	%	Peroxide F	usion ICP
Silver (Ag)	[7440-22-4]	10,2	ppm	4-Acid Dig	estion
Aluminium (Al)	[7429-90-5]	6,71	%	4-Acid Dig	estion
Arsenic (As)	[7440-38-2]	199	ppm	4-Acid Dig	estion
Beryllium (Be)	[7440-41-7]	2,75	ppm	4-Acid Dig	estion
Bismuth (Bi)	[7440-69-9]	12,2	ppm	4-Acid Dig	estion
Calcium (Ca)	[7440-70-2]	0,946	%	4-Acid Dig	estion
Cadmium (Cd)	[7440-43-9]	28,8	ppm	4-Acid Dig	estion
Cerium (Ce)	[7440-45-1]	73	ppm	4-Acid Dig	estion
Cobalt (Co)	[7440-48-4]	31,3	ppm	4-Acid Dig	estion
Chromium (Cr)	[7440-47-3]	20,3	ppm	4-Acid Dig	estion
Caesium (Cs)	[7440-46-2]	6,67	ppm	4-Acid Dig	estion
Dysprosium (Dy)	[7429-91-6]	3,42	ppm	4-Acid Dig	estion
Erbium (Er)	[7440-52-0]	1,12	ppm	4-Acid Dig	estion
Europium (Eu)	[7440-53-1]	1,33	ppm	4-Acid Dig	estion
Iron (Fe)	[7439-89-6]	4,95	%	4-Acid Dig	estion
Gallium (Ga)	[7440-55-3]	20,6	ppm	4-Acid Dig	estion
Gadolinium (Gd)	[7440-54-2]	5,55	ppm	4-Acid Dig	

					estion
Hafnium (Hf)	[7440-58-6]	5,02	ppm	4-Acid Dig	estion
Holmium (Ho)	[7440-60-0]	0,51	ppm	4-Acid Dig	estion
Indium (In)	[7440-74-6]	2,6	ppm	4-Acid Dig	estion
Potassium (K)	[7440-09-7]	2,79	%	4-Acid Dig	estion
Lanthanum (La)	[7439-91-0]	33,7	ppm	4-Acid Dig	estion
Lithium (Li)	[7439-93-2]	26,9	ppm	4-Acid Dig	estion
Lutetium (Lu)	[7439-94-3]	0,12	ppm	4-Acid Dig	estion
Magnesium (Mg)	[7439-95-4]	0,356	%	4-Acid Dig	estion
Manganese (Mn)	[7439-96-5]	0,175	%	4-Acid Dig	estion
Molybdenum (Mo)	[7439-98-7]	23,7	ppm	4-Acid Dig	estion
Sodium (Na)	[7440-23-5]	1,96	%	4-Acid Dig	estion
Niobium (Nb)	[7440-03-1]	15,2	ppm	4-Acid Dig	estion
Neodymium (Nd)	[7440-00-8]	34,7	ppm	4-Acid Dig	estion
Nickel (Ni)	[7440-02-0]	12,5	ppm	4-Acid Dig	estion
Phosphorus (P)	[7723-14-0]	0,041	%	4-Acid Dig	estion
Lead (Pb)	[7439-92-1]	0,261	%	4-Acid Dig	estion
Praseodymium (Pr)	[7440-10-0]	9,34	ppm	4-Acid Dig	estion
Rubidium (Rb)	[7440-17-7]	144	ppm	4-Acid Dig	estion
Rhenium (Re)	[7440-15-5]	0,021	ppm	4-Acid Dig	estion

					estion
Sulfur (S)	[7704-34-9]	3,6	%	4-Acid Dig	estion
Antimony (Sb)	[7440-36-0]	26,1	ppm	4-Acid Dig	estion
Scandium (Sc)	[7440-20-2]	4,72	ppm	4-Acid Dig	estion
Selenium (Se)	[7782-49-2]	19,8	ppm	4-Acid Dig	estion
Samarium (Sm)	[7440-19-9]	6,93	ppm	4-Acid Dig	estion
Tin (Sn)	[7440-31-5]	5,63	ppm	4-Acid Dig	estion
Strontium (Sr)	[7440-24-6]	143	ppm	4-Acid Dig	estion
Tantalum (Ta)	[7440-25-7]	1,14	ppm	4-Acid Dig	estion
Terbium (Tb)	[7440-27-9]	0,7	ppm	4-Acid Dig	estion
Tellurium (Te)	[13494-80-9]	3,72	ppm	4-Acid Dig	estion
Thorium (Th)	[7440-29-1]	13	ppm	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,141	%	4-Acid Dig	estion
Thallium (Tl)	[7440-28-0]	4,04	ppm	4-Acid Dig	estion
Thulium (Tm)	[7440-30-4]	0,14	ppm	4-Acid Dig	estion
Uranium (U)	[7440-61-1]	4,97	ppm	4-Acid Dig	estion
Vanadium (V)	[7440-62-2]	18,1	ppm	4-Acid Dig	estion
Tungsten (W)	[7440-33-7]	2,94	ppm	4-Acid Dig	estion
Yttrium (Y)	[7440-65-5]	14,1	ppm	4-Acid Dig	estion
Ytterbium (Yb)	[7440-64-4]	0,82	ppm	4-Acid Dig	estion

Zirconium (Zr)	[7440-67-7]	176	ppm	estion 4-Acid Dig
Silver (Ag)	[7440-22-4]	10,1	ppm	estion Aqua Regia Digestion
Aluminium (Al)	[7429-90-5]	0,69	%	Aqua Regia Digestion
Arsenic (As)	[7440-38-2]	189	ppm	Aqua Regia Digestion
Boron (B)	[7440-42-8]	< 10,0	ppm	Aqua Regia Digestion
Beryllium (Be)	[7440-41-7]	0,67	ppm	Aqua Regia Digestion
Bismuth (Bi)	[7440-69-9]	12,5	ppm	Aqua Regia Digestion
Calcium (Ca)	[7440-70-2]	0,729	%	Aqua Regia Digestion
Cadmium (Cd)	[7440-43-9]	27,4	ppm	Aqua Regia Digestion
Cerium (Ce)	[7440-45-1]	42,5	ppm	Aqua Regia Digestion
Cobalt (Co)	[7440-48-4]	31	ppm	Aqua Regia Digestion
Chromium (Cr)	[7440-47-3]	16,6	ppm	Aqua Regia Digestion
Caesium (Cs)	[7440-46-2]	1,92	ppm	Aqua Regia Digestion
Copper (Cu)	[7440-50-8]	1,76	%	Aqua Regia Digestion
Iron (Fe)	[7439-89-6]	4,28	%	Aqua Regia Digestion
Gallium (Ga)	[7440-55-3]	3,68	ppm	Aqua Regia Digestion
Germanium (Ge)	[7440-56-4]	0,13	ppm	Aqua Regia Digestion
Hafnium (Hf)	[7440-58-6]	1,05	ppm	Aqua Regia Digestion
Mercury (Hg)	[7439-97-6]	0,61	ppm	Aqua Regia

					Digestion
Indium (In)	[7440-74-6]	2,49	ppm	Aqua Regia	Digestion
Potassium (K)	[7440-09-7]	0,25	%	Aqua Regia	Digestion
Lanthanum (La)	[7439-91-0]	20,2	ppm	Aqua Regia	Digestion
Lithium (Li)	[7439-93-2]	9,69	ppm	Aqua Regia	Digestion
Lutetium (Lu)	[7439-94-3]	0,045	ppm	Aqua Regia	Digestion
Magnesium (Mg)	[7439-95-4]	0,194	%	Aqua Regia	Digestion
Manganese (Mn)	[7439-96-5]	0,168	%	Aqua Regia	Digestion
Molybdenum (Mo)	[7439-98-7]	22,1	ppm	Aqua Regia	Digestion
Sodium (Na)	[7440-23-5]	0,054	%	Aqua Regia	Digestion
Niobium (Nb)	[7440-03-1]	0,45	ppm	Aqua Regia	Digestion
Nickel (Ni)	[7440-02-0]	11,5	ppm	Aqua Regia	Digestion
Phosphorus (P)	[7723-14-0]	0,034	%	Aqua Regia	Digestion
Lead (Pb)	[7439-92-1]	0,257	%	Aqua Regia	Digestion
Rubidium (Rb)	[7440-17-7]	15,1	ppm	Aqua Regia	Digestion
Rhenium (Re)	[7440-15-5]	0,02	ppm	Aqua Regia	Digestion
Sulfur (S)	[7704-34-9]	3,54	%	Aqua Regia	Digestion
Antimony (Sb)	[7440-36-0]	19,6	ppm	Aqua Regia	Digestion
Scandium (Sc)	[7440-20-2]	1,16	ppm	Aqua Regia	Digestion
Selenium (Se)	[7782-49-2]	18,9	ppm	Aqua Regia	Digestion

					Digestion
Tin (Sn)	[7440-31-5]	2,33	ppm	Aqua Regia	Digestion
Strontium (Sr)	[7440-24-6]	19,6	ppm	Aqua Regia	Digestion
Tantalum (Ta)	[7440-25-7]	< 0,010	ppm	Aqua Regia	Digestion
Terbium (Tb)	[7440-27-9]	0,4	ppm	Aqua Regia	Digestion
Tellurium (Te)	[13494-80-9]	3,65	ppm	Aqua Regia	Digestion
Thorium (Th)	[7440-29-1]	7,44	ppm	Aqua Regia	Digestion
Titanium (Ti)	[7440-32-6]	0,016	%	Aqua Regia	Digestion
Thallium (Tl)	[7440-28-0]	1,16	ppm	Aqua Regia	Digestion
Uranium (U)	[7440-61-1]	2,45	ppm	Aqua Regia	Digestion
Vanadium (V)	[7440-62-2]	4,95	ppm	Aqua Regia	Digestion
Tungsten (W)	[7440-33-7]	0,96	ppm	Aqua Regia	Digestion
Yttrium (Y)	[7440-65-5]	6,59	ppm	Aqua Regia	Digestion
Ytterbium (Yb)	[7440-64-4]	0,31	ppm	Aqua Regia	Digestion
Zinc (Zn)	[7440-66-6]	1,03	%	Aqua Regia	Digestion
Zirconium (Zr)	[7440-67-7]	37,2	ppm	Aqua Regia	Digestion