

Au-Cu ore, Au >1 ppm, Zn-Pb-Ag sulphide ore, SuperCRM, Au-Ag ore, CRM, Matrix: rhyodacite, Mineralisation Style: volcanic hosted massive sulphide

Art. ID OREAS-622-10G
Unit 10 g
Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|------------------------------|--------|
| | Zinc (Zn) | [7440-66-6] | 10,24 | % | 4-Acid Digestion | |
| | Copper (Cu) | [7440-50-8] | 0,486 | % | 4-Acid Digestion | |
| | Gold (Au) | [7440-57-5] | 0,000185 | % | Pb Fire Assay | |
| | Sulfur (S) | [7704-34-9] | 7,95 | % | Infrared Combustion | |
| | Silver (Ag) | [7440-22-4] | 0,010268 | % | Borate / Peroxide Fusion ICP | |
| | Aluminium (Al) | [7429-90-5] | 5,83 | % | Borate / Peroxide Fusion ICP | |
| | Arsenic (As) | [7440-38-2] | 0,011 | % | Borate / Peroxide Fusion ICP | |
| | Barium (Ba) | [7440-39-3] | 0,2311 | % | Borate / Peroxide Fusion ICP | |
| | Bismuth (Bi) | [7440-69-9] | 0,000496 | % | Borate / Peroxide Fusion ICP | |
| | Calcium (Ca) | [7440-70-2] | 2,14 | % | Borate / Peroxide Fusion ICP | |
| | Cadmium (Cd) | [7440-43-9] | 0,0454 | % | Borate / Peroxide Fusion ICP | |
| | Cerium (Ce) | [7440-45-1] | 0,00348 | % | Borate / P | |

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|----------------|-------------|----------|---|--|--------------------------------------|
| | | | | | eroxide Fu sion ICP |
| Cobalt (Co) | [7440-48-4] | 0,00377 | % | | Borate / P eroxide Fu sion ICP |
| Chromium (Cr) | [7440-47-3] | 0,00481 | % | | Borate / P eroxide Fu sion ICP |
| Cesium (Cs) | | 0,000188 | % | | Borate / P eroxide Fu sion ICP |
| Copper (Cu) | [7440-50-8] | 0,484 | % | | Borate / P eroxide Fu sion ICP |
| Iron (Fe) | [7439-89-6] | 4,26 | % | | Borate / P eroxide Fu sion ICP |
| Gallium (Ga) | [7440-55-3] | 0,00269 | % | | Borate / P eroxide Fu sion ICP |
| Indium (In) | [7440-74-6] | 0,000485 | % | | Borate / P eroxide Fu sion ICP |
| Potassium (K) | [7440-09-7] | 1,78 | % | | Borate / P eroxide Fu sion ICP |
| Lanthanum (La) | [7439-91-0] | 0,00188 | % | | Borate / P eroxide Fu sion ICP |
| Lithium (Li) | [7439-93-2] | 0,000956 | % | | Borate / P eroxide Fu sion ICP |
| Magnesium (Mg) | [7439-95-4] | 0,571 | % | | Borate / P eroxide Fu sion ICP |
| Manganese (Mn) | [7439-96-5] | 0,061 | % | | Borate / P eroxide Fu sion ICP |

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|-------------------|-------------|----------|---|------------------------------|
| Molybdenum (Mo) | [7439-98-7] | 0,00194 | % | Borate / Peroxide Fusion ICP |
| Niobium (Nb) | [7440-03-1] | 0,000624 | % | Borate / Peroxide Fusion ICP |
| Neodymium (Nd) | [7440-00-8] | 0,00157 | % | Borate / Peroxide Fusion ICP |
| Nickel (Ni) | [7440-02-0] | < 0,004 | % | Borate / Peroxide Fusion ICP |
| Lead (Pb) | [7439-92-1] | 2,11 | % | Borate / Peroxide Fusion ICP |
| Praseodymium (Pr) | [7440-10-0] | 0,000429 | % | Borate / Peroxide Fusion ICP |
| Rubidium (Rb) | [7440-17-7] | 0,0058 | % | Borate / Peroxide Fusion ICP |
| Sulfur (S) | [7704-34-9] | 7,68 | % | Borate / Peroxide Fusion ICP |
| Antimony (Sb) | [7440-36-0] | 0,0198 | % | Borate / Peroxide Fusion ICP |
| Scandium (Sc) | [7440-20-2] | < 0,001 | % | Borate / Peroxide Fusion ICP |
| Silicon (Si) | [7440-21-3] | 25,09 | % | Borate / Peroxide Fusion ICP |
| Tin (Sn) | [7440-31-5] | 0,0062 | % | Borate / Peroxide Fusion ICP |
| Strontium (Sr) | [7440-24-6] | 0,0063 | % | Borate / Peroxide Fusion ICP |

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|----------------|-------------|----------|---|--|------------------------------|
| | | | | | sion ICP |
| Thorium (Th) | [7440-29-1] | 0,000547 | % | | Borate / Peroxide Fusion ICP |
| Titanium (Ti) | [7440-32-6] | 0,187 | % | | Borate / Peroxide Fusion ICP |
| Thallium (Tl) | [7440-28-0] | 0,000362 | % | | Borate / Peroxide Fusion ICP |
| Uranium (U) | [7440-61-1] | 0,000155 | % | | Borate / Peroxide Fusion ICP |
| Vanadium (V) | [7440-62-2] | 0,00454 | % | | Borate / Peroxide Fusion ICP |
| Tungsten (W) | [7440-33-7] | 0,000293 | % | | Borate / Peroxide Fusion ICP |
| Yttrium (Y) | [7440-65-5] | 0,00124 | % | | Borate / Peroxide Fusion ICP |
| Ytterbium (Yb) | [7440-64-4] | 0,000117 | % | | Borate / Peroxide Fusion ICP |
| Zinc (Zn) | [7440-66-6] | 9,9 | % | | Borate / Peroxide Fusion ICP |
| Silver (Ag) | [7440-22-4] | 0,010242 | % | | 4-Acid Digestion |
| Aluminium (Al) | [7429-90-5] | 5,77 | % | | 4-Acid Digestion |
| Arsenic (As) | [7440-38-2] | 0,0109 | % | | 4-Acid Digestion |
| Beryllium (Be) | [7440-41-7] | 0,000105 | % | | 4-Acid Digestion |
| Bismuth (Bi) | [7440-69-9] | 0,000505 | % | | 4-Acid Digestion |

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|-----------------|-------------|----------|---|------------------|
| Calcium (Ca) | [7440-70-2] | 2,14 | % | 4-Acid Digestion |
| Cadmium (Cd) | [7440-43-9] | 0,046 | % | 4-Acid Digestion |
| Cerium (Ce) | [7440-45-1] | 0,00301 | % | 4-Acid Digestion |
| Cobalt (Co) | [7440-48-4] | 0,0036 | % | 4-Acid Digestion |
| Chromium (Cr) | [7440-47-3] | 0,00339 | % | 4-Acid Digestion |
| Cesium (Cs) | | 0,000172 | % | 4-Acid Digestion |
| Iron (Fe) | [7439-89-6] | 4,31 | % | 4-Acid Digestion |
| Gallium (Ga) | [7440-55-3] | 0,00245 | % | 4-Acid Digestion |
| Hafnium (Hf) | [7440-58-6] | 0,000325 | % | 4-Acid Digestion |
| Indium (In) | [7440-74-6] | 0,000463 | % | 4-Acid Digestion |
| Potassium (K) | [7440-09-7] | 1,72 | % | 4-Acid Digestion |
| Lanthanum (La) | [7439-91-0] | 0,00141 | % | 4-Acid Digestion |
| Lithium (Li) | [7439-93-2] | 0,000867 | % | 4-Acid Digestion |
| Lutetium (Lu) | [7439-94-3] | 0,000018 | % | 4-Acid Digestion |
| Magnesium (Mg) | [7439-95-4] | 0,562 | % | 4-Acid Digestion |
| Manganese (Mn) | [7439-96-5] | 0,06 | % | 4-Acid Digestion |
| Molybdenum (Mo) | [7439-98-7] | 0,00174 | % | 4-Acid Digestion |
| Sodium (Na) | [7440-23-5] | 0,729 | % | 4-Acid Digestion |
| Niobium (Nb) | [7440-03-1] | 0,000462 | % | 4-Acid Digestion |

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|----------------|--------------|-----------|---|------------------|
| Nickel (Ni) | [7440-02-0] | 0,00279 | % | 4-Acid Digestion |
| Phosphorus (P) | [7723-14-0] | 0,033 | % | 4-Acid Digestion |
| Lead (Pb) | [7439-92-1] | 2,21 | % | 4-Acid Digestion |
| Rubidium (Rb) | [7440-17-7] | 0,0055 | % | 4-Acid Digestion |
| Sulfur (S) | [7704-34-9] | 7,71 | % | 4-Acid Digestion |
| Antimony (Sb) | [7440-36-0] | 0,0195 | % | 4-Acid Digestion |
| Scandium (Sc) | [7440-20-2] | 0,000682 | % | 4-Acid Digestion |
| Selenium (Se) | [7782-49-2] | 0,000781 | % | 4-Acid Digestion |
| Tin (Sn) | [7440-31-5] | 0,000701 | % | 4-Acid Digestion |
| Strontium (Sr) | [7440-24-6] | 0,0052 | % | 4-Acid Digestion |
| Tantalum (Ta) | [7440-25-7] | 0,000042 | % | 4-Acid Digestion |
| Terbium (Tb) | [7440-27-9] | 0,000032 | % | 4-Acid Digestion |
| Tellurium (Te) | [13494-80-9] | < 0,00001 | % | 4-Acid Digestion |
| Thorium (Th) | [7440-29-1] | 0,000471 | % | 4-Acid Digestion |
| Titanium (Ti) | [7440-32-6] | 0,147 | % | 4-Acid Digestion |
| Thallium (Tl) | [7440-28-0] | 0,000365 | % | 4-Acid Digestion |
| Uranium (U) | [7440-61-1] | 0,000157 | % | 4-Acid Digestion |
| Vanadium (V) | [7440-62-2] | 0,004 | % | 4-Acid Digestion |
| Tungsten (W) | [7440-33-7] | 0,000248 | % | 4-Acid Digestion |

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|-----------------|-------------|----------|---|--------------------------|
| Yttrium (Y) | [7440-65-5] | 0,000976 | % | 4-Acid Digestion |
| Ytterbium (Yb) | [7440-64-4] | 0,000111 | % | 4-Acid Digestion |
| Zirconium (Zr) | [7440-67-7] | 0,0124 | % | 4-Acid Digestion |
| Silver (Ag) | [7440-22-4] | 0,010153 | % | 3-Acid Digestion (no HF) |
| Arsenic (As) | [7440-38-2] | 0,0106 | % | 3-Acid Digestion (no HF) |
| Copper (Cu) | [7440-50-8] | 0,481 | % | 3-Acid Digestion (no HF) |
| Iron (Fe) | [7439-89-6] | 4,15 | % | 3-Acid Digestion (no HF) |
| Molybdenum (Mo) | [7439-98-7] | 0,00171 | % | 3-Acid Digestion (no HF) |
| Lead (Pb) | [7439-92-1] | 2,21 | % | 3-Acid Digestion (no HF) |
| Zinc (Zn) | [7440-66-6] | 10,25 | % | 3-Acid Digestion (no HF) |
| Silver (Ag) | [7440-22-4] | 0,010063 | % | Aqua Regia Digestion |
| Aluminium (Al) | [7429-90-5] | 1,75 | % | Aqua Regia Digestion |
| Arsenic (As) | [7440-38-2] | 0,0106 | % | Aqua Regia Digestion |
| Gold (Au) | [7440-57-5] | 0,000178 | % | Aqua Regia Digestion |
| Boron (B) | [7440-42-8] | < 0,001 | % | Aqua Regia Digestion |
| Beryllium (Be) | [7440-41-7] | 0,000038 | % | Aqua Regia |

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|----------------|-------------|-----------|---|------------|-----------|
| | | | | | Digestion |
| Bismuth (Bi) | [7440-69-9] | 0,000481 | % | Aqua Regia | Digestion |
| Calcium (Ca) | [7440-70-2] | 1,8 | % | Aqua Regia | Digestion |
| Cadmium (Cd) | [7440-43-9] | 0,045 | % | Aqua Regia | Digestion |
| Cerium (Ce) | [7440-45-1] | 0,00266 | % | Aqua Regia | Digestion |
| Cobalt (Co) | [7440-48-4] | 0,00362 | % | Aqua Regia | Digestion |
| Chromium (Cr) | [7440-47-3] | 0,00258 | % | Aqua Regia | Digestion |
| Cesium (Cs) | | 0,000065 | % | Aqua Regia | Digestion |
| Copper (Cu) | [7440-50-8] | 0,484 | % | Aqua Regia | Digestion |
| Iron (Fe) | [7439-89-6] | 4,05 | % | Aqua Regia | Digestion |
| Gallium (Ga) | [7440-55-3] | 0,000997 | % | Aqua Regia | Digestion |
| Hafnium (Hf) | [7440-58-6] | 0,00012 | % | Aqua Regia | Digestion |
| Mercury (Hg) | [7439-97-6] | 0,000537 | % | Aqua Regia | Digestion |
| Indium (In) | [7440-74-6] | 0,000423 | % | Aqua Regia | Digestion |
| Potassium (K) | [7440-09-7] | 0,293 | % | Aqua Regia | Digestion |
| Lanthanum (La) | [7439-91-0] | 0,00129 | % | Aqua Regia | Digestion |
| Lithium (Li) | [7439-93-2] | 0,000542 | % | Aqua Regia | Digestion |
| Lutetium (Lu) | [7439-94-3] | 0,0000087 | % | Aqua Regia | Digestion |
| Magnesium (Mg) | [7439-95-4] | 0,506 | % | Aqua Regia | Digestion |
| Manganese (Mn) | [7439-96-5] | 0,057 | % | Aqua Regia | Digestion |

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|-----------------|-------------|------------|---|------------|-----------|
| | | | | | Digestion |
| Molybdenum (Mo) | [7439-98-7] | 0,00158 | % | Aqua Regia | Digestion |
| Sodium (Na) | [7440-23-5] | 0,162 | % | Aqua Regia | Digestion |
| Niobium (Nb) | [7440-03-1] | < 0,00005 | % | Aqua Regia | Digestion |
| Nickel (Ni) | [7440-02-0] | 0,00263 | % | Aqua Regia | Digestion |
| Phosphorus (P) | [7723-14-0] | 0,032 | % | Aqua Regia | Digestion |
| Lead (Pb) | [7439-92-1] | 2,19 | % | Aqua Regia | Digestion |
| Sulfur (S) | [7704-34-9] | 7,5 | % | Aqua Regia | Digestion |
| Antimony (Sb) | [7440-36-0] | 0,0152 | % | Aqua Regia | Digestion |
| Scandium (Sc) | [7440-20-2] | 0,000212 | % | Aqua Regia | Digestion |
| Selenium (Se) | [7782-49-2] | 0,000919 | % | Aqua Regia | Digestion |
| Tin (Sn) | [7440-31-5] | 0,000337 | % | Aqua Regia | Digestion |
| Strontium (Sr) | [7440-24-6] | 0,00156 | % | Aqua Regia | Digestion |
| Tantalum (Ta) | [7440-25-7] | < 0,000005 | % | Aqua Regia | Digestion |
| Terbium (Tb) | [7440-27-9] | 0,000024 | % | Aqua Regia | Digestion |
| Thorium (Th) | [7440-29-1] | 0,000394 | % | Aqua Regia | Digestion |
| Titanium (Ti) | [7440-32-6] | 0,02 | % | Aqua Regia | Digestion |
| Thallium (Tl) | [7440-28-0] | 0,00019 | % | Aqua Regia | Digestion |
| Uranium (U) | [7440-61-1] | 0,000091 | % | Aqua Regia | Digestion |
| Vanadium (V) | [7440-62-2] | 0,00123 | % | Aqua Regia | Digestion |

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|----------------|-------------|----------|---|--|------------|
| | | | | | Digestion |
| Tungsten (W) | [7440-33-7] | 0,000119 | % | | Aqua Regia |
| | | | | | Digestion |
| Yttrium (Y) | [7440-65-5] | 0,000592 | % | | Aqua Regia |
| | | | | | Digestion |
| Ytterbium (Yb) | [7440-64-4] | 0,000059 | % | | Aqua Regia |
| | | | | | Digestion |
| Zinc (Zn) | [7440-66-6] | 10,01 | % | | Aqua Regia |
| | | | | | Digestion |
| Zirconium (Zr) | [7440-67-7] | 0,00482 | % | | Aqua Regia |
| | | | | | Digestion |