

**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                   |        |

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

|                   |             |          |   |                              |
|-------------------|-------------|----------|---|------------------------------|
| 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 |

|                |             |          |   |  |                              |
|----------------|-------------|----------|---|--|------------------------------|
|                |             |          |   |  | 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             |

|                 |             |          |   |                  |
|-----------------|-------------|----------|---|------------------|
| 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 |

|                |              |           |   |                  |
|----------------|--------------|-----------|---|------------------|
| 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 |

|                 |             |          |   |                          |
|-----------------|-------------|----------|---|--------------------------|
| 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               |

|                |             |           |   |            |           |
|----------------|-------------|-----------|---|------------|-----------|
|                |             |           |   |            | 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 |



|                 |             |            |   |            |           |
|-----------------|-------------|------------|---|------------|-----------|
|                 |             |            |   |            | 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 |

|                |             |          |   |  |            |
|----------------|-------------|----------|---|--|------------|
|                |             |          |   |  | 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  |