

**W ore, Au <1 ppm, Fe ore, Au-Cu ore, Matrix: magnetite skarn, Mineralisation Style: skarn**

Art. ID OREAS-700-X  
Unit on request  
Deliverydetails No Dangerous Good

| Text/Information | Analyte/Parameter                                      | CAS number   | Concentration/Value | Unit | Method            | Source |
|------------------|--|--------------|---------------------|------|-------------------|--------|
|                  | Tungsten (W)   | [7440-33-7]  | 1,13                | %    | Borate Fusion XRF |        |
|                  | Copper (Cu)  | [7440-50-8]  | 0,202               | %    | 4-Acid Digestion  |        |
|                  | Aluminium(III) oxide (Al <sub>2</sub> O <sub>3</sub> ) |              | 10,62               | %    | Borate Fusion XRF |        |
|                  | Calcium oxide (CaO)                                    | [1305-78-8]  | 7,86                | %    | Borate Fusion XRF |        |
|                  | Copper (Cu)  | [7440-50-8]  | 0,204               | %    | Borate Fusion XRF |        |
|                  | Iron (Fe)  | [7439-89-6]  | 16,06               | %    | Borate Fusion XRF |        |
|                  | Potassium oxide (K <sub>2</sub> O)                     |              | 1,89                | %    | Borate Fusion XRF |        |
|                  | Magnesium oxide (MgO)                                  | [1309-48-4]  | 1,74                | %    | Borate Fusion XRF |        |
|                  | Manganese oxide (MnO)                                  |              | 0,415               | %    | Borate Fusion XRF |        |
|                  | Sodium oxide (Na <sub>2</sub> O)                       | [1313-59-3]  | 1,65                | %    | Borate Fusion XRF |        |
|                  | Phosphorus (P)   | [7723-14-0]  | 0,353               | %    | Borate Fusion XRF |        |
|                  | Sulfur (S)   | [7704-34-9]  | 0,304               | %    | Borate Fusion XRF |        |
|                  | Silicon dioxide (SiO <sub>2</sub> )                    | [7631-86-9]  | 47,3                | %    | Borate Fusion XRF |        |
|                  | Titanium dioxide (TiO <sub>2</sub> )                   | [13463-67-7] | 0,32                | %    | Borate Fusion XRF |        |
|                  | Loss on Ignition (L.O.I.) (1000 °C)                    |              | 1,95                | %    | Thermogravimetry  |        |
|                  | Aluminium (Al)   | [7429-90-5]  | 5,57                | %    | 4-Acid Digestion  |        |

|                |             |       |   |                         |        |
|----------------|-------------|-------|---|-------------------------|--------|
|                |             |       |   |                         | estion |
| Calcium (Ca)   | [7440-70-2] | 5,55  | % | 4-Acid Dig              | estion |
| Iron (Fe)      | [7439-89-6] | 15,57 | % | 4-Acid Dig              | estion |
| Potassium (K)  | [7440-09-7] | 1,57  | % | 4-Acid Dig              | estion |
| Magnesium (Mg) | [7439-95-4] | 0,995 | % | 4-Acid Dig              | estion |
| Manganese (Mn) | [7439-96-5] | 0,314 | % | 4-Acid Dig              | estion |
| Sodium (Na)    | [7440-23-5] | 1,21  | % | 4-Acid Dig              | estion |
| Phosphorus (P) | [7723-14-0] | 0,347 | % | 4-Acid Dig              | estion |
| Sulfur (S)     | [7704-34-9] | 0,295 | % | 4-Acid Dig              | estion |
| Titanium (Ti)  | [7440-32-6] | 0,179 | % | 4-Acid Dig              | estion |
| Tungsten (W)   | [7440-33-7] | 0,989 | % | 4-Acid Dig              | estion |
| Aluminium (Al) | [7429-90-5] | 3,13  | % | Aqua Regia<br>Digestion |        |
| Calcium (Ca)   | [7440-70-2] | 4,45  | % | Aqua Regia<br>Digestion |        |
| Copper (Cu)    | [7440-50-8] | 0,203 | % | Aqua Regia<br>Digestion |        |
| Iron (Fe)      | [7439-89-6] | 14,66 | % | Aqua Regia<br>Digestion |        |
| Potassium (K)  | [7440-09-7] | 1,24  | % | Aqua Regia<br>Digestion |        |
| Magnesium (Mg) | [7439-95-4] | 0,948 | % | Aqua Regia<br>Digestion |        |
| Manganese (Mn) | [7439-96-5] | 0,237 | % | Aqua Regia<br>Digestion |        |
| Sodium (Na)    | [7440-23-5] | 0,164 | % | Aqua Regia<br>Digestion |        |
| Phosphorus (P) | [7723-14-0] | 0,34  | % | Aqua Regia              |        |

|  |             |       |   |  |                             |
|--|-------------|-------|---|--|-----------------------------|
|  |             |       |   |  | Digestion                   |
| Sulfur (S)   | [7704-34-9] | 0,297 | % |  | Aqua Regia<br>Digestion     |
| Titanium (Ti)  | [7440-32-6] | 0,097 | % |  | Aqua Regia<br>Digestion     |
| Iron(II) oxide (FeO)                                 |             | 12,07 | % |  | Acid Digestion<br>Titration |
| Mass recovered (MassRec )                            |             | 11,28 | % |  | Davis Tube<br>Recovery      |
| Iron(II,III) oxide (Fe <sub>3</sub> O <sub>4</sub> ) |             | 10,91 | % |  | Satmagan 1<br>35            |