

**Ni sulphide ore, SuperCRM, CRM, Matrix: mineralised ultramafic, Mineralisation Style: komatiite-hosted nickel sulphide**

Art. ID                    OREAS-73b-10G  
Unit                      10 g  
Deliverydetails        No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number  | Concentration/Value | Unit | Method            | Source |
|------------------|-------------------|-------------|---------------------|------|-------------------|--------|
|                  | Nickel (Ni)       | [7440-02-0] | 1,48                | %    | 4-Acid Digestion  |        |
|                  | Cobalt (Co)       | [7440-48-4] | 0,024               | %    | 4-Acid Digestion  |        |
|                  | Arsenic (As)      | [7440-38-2] | 0,0293              | %    | 4-Acid Digestion  |        |
|                  | Aluminium (Al)    | [7429-90-5] | 3,77                | %    | Borate Fusion XRF |        |
|                  | Calcium (Ca)      | [7440-70-2] | 3,15                | %    | Borate Fusion XRF |        |
|                  | Cobalt (Co)       | [7440-48-4] | 0,0246              | %    | Borate Fusion XRF |        |
|                  | Chromium (Cr)     | [7440-47-3] | 0,1172              | %    | Borate Fusion XRF |        |
|                  | Copper (Cu)       | [7440-50-8] | 0,043               | %    | Borate Fusion XRF |        |
|                  | Iron (Fe)         | [7439-89-6] | 8,63                | %    | Borate Fusion XRF |        |
|                  | Potassium (K)     | [7440-09-7] | 0,586               | %    | Borate Fusion XRF |        |
|                  | Magnesium (Mg)    | [7439-95-4] | 11,8                | %    | Borate Fusion XRF |        |
|                  | Manganese (Mn)    | [7439-96-5] | 0,115               | %    | Borate Fusion XRF |        |
|                  | Sodium (Na)       | [7440-23-5] | 0,736               | %    | Borate Fusion XRF |        |
|                  | Nickel (Ni)       | [7440-02-0] | 1,5044              | %    | Borate Fusion XRF |        |
|                  | Phosphorus (P)    | [7723-14-0] | 0,024               | %    | Borate Fusion XRF |        |

|                 |             |          |   |                              |
|-----------------|-------------|----------|---|------------------------------|
| Silicon (Si)    | [7440-21-3] | 20,89    | % | Borate Fusion XRF            |
| Titanium (Ti)   | [7440-32-6] | 0,191    | % | Borate Fusion XRF            |
| Aluminium (Al)  | [7429-90-5] | 3,77     | % | Borate / Peroxide Fusion ICP |
| Arsenic (As)    | [7440-38-2] | 0,0301   | % | Borate / Peroxide Fusion ICP |
| Barium (Ba)     | [7440-39-3] | 0,0208   | % | Borate / Peroxide Fusion ICP |
| Calcium (Ca)    | [7440-70-2] | 3,15     | % | Borate / Peroxide Fusion ICP |
| Cerium (Ce)     | [7440-45-1] | 0,00289  | % | Borate / Peroxide Fusion ICP |
| Cobalt (Co)     | [7440-48-4] | 0,0252   | % | Borate / Peroxide Fusion ICP |
| Chromium (Cr)   | [7440-47-3] | 0,1174   | % | Borate / Peroxide Fusion ICP |
| Cesium (Cs)     |             | 0,000281 | % | Borate / Peroxide Fusion ICP |
| Copper (Cu)     | [7440-50-8] | 0,0439   | % | Borate / Peroxide Fusion ICP |
| Dysprosium (Dy) | [7429-91-6] | 0,000214 | % | Borate / Peroxide Fusion ICP |
| Erbium (Er)     | [7440-52-0] | 0,000131 | % | Borate / Peroxide Fusion ICP |
| Europium (Eu)   | [7440-53-1] | 0,000062 | % | Borate / P                   |

|                |             |          |   |  |                                      |
|----------------|-------------|----------|---|--|--------------------------------------|
|                |             |          |   |  | eroxide Fu<br>sion ICP               |
| Iron (Fe)      | [7439-89-6] | 8,74     | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Gallium (Ga)   | [7440-55-3] | 0,000885 | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Holmium (Ho)   | [7440-60-0] | 0,000045 | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Potassium (K)  | [7440-09-7] | 0,614    | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Lanthanum (La) | [7439-91-0] | 0,00156  | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Magnesium (Mg) | [7439-95-4] | 11,88    | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Manganese (Mn) | [7439-96-5] | 0,116    | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Niobium (Nb)   | [7440-03-1] | 0,000363 | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Neodymium (Nd) | [7440-00-8] | 0,00119  | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Nickel (Ni)    | [7440-02-0] | 1,4987   | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Phosphorus (P) | [7723-14-0] | 0,026    | % |  | Borate / P<br>eroxide Fu<br>sion ICP |
| Lead (Pb)      | [7439-92-1] | 0,0016   | % |  | Borate / P<br>eroxide Fu<br>sion ICP |

|                   |             |          |   |                              |
|-------------------|-------------|----------|---|------------------------------|
| Praseodymium (Pr) | [7440-10-0] | 0,000337 | % | Borate / Peroxide Fusion ICP |
| Rubidium (Rb)     | [7440-17-7] | 0,0031   | % | Borate / Peroxide Fusion ICP |
| Sulfur (S)        | [7704-34-9] | 2,9      | % | Borate / Peroxide Fusion ICP |
| Silicon (Si)      | [7440-21-3] | 21,08    | % | Borate / Peroxide Fusion ICP |
| Samarium (Sm)     | [7440-19-9] | 0,000222 | % | Borate / Peroxide Fusion ICP |
| Strontium (Sr)    | [7440-24-6] | 0,0065   | % | Borate / Peroxide Fusion ICP |
| Terbium (Tb)      | [7440-27-9] | 0,000036 | % | Borate / Peroxide Fusion ICP |
| Thorium (Th)      | [7440-29-1] | 0,000638 | % | Borate / Peroxide Fusion ICP |
| Titanium (Ti)     | [7440-32-6] | 0,187    | % | Borate / Peroxide Fusion ICP |
| Thulium (Tm)      | [7440-30-4] | 0,000019 | % | Borate / Peroxide Fusion ICP |
| Uranium (U)       | [7440-61-1] | 0,000211 | % | Borate / Peroxide Fusion ICP |
| Vanadium (V)      | [7440-62-2] | 0,0073   | % | Borate / Peroxide Fusion ICP |
| Yttrium (Y)       | [7440-65-5] | 0,00117  | % | Borate / Peroxide Fusion ICP |

|                |             |           |   |  |                              |
|----------------|-------------|-----------|---|--|------------------------------|
|                |             |           |   |  | sion ICP                     |
| Ytterbium (Yb) | [7440-64-4] | 0,000121  | % |  | Borate / Peroxide Fusion ICP |
| Zinc (Zn)      | [7440-66-6] | 0,0112    | % |  | Borate / Peroxide Fusion ICP |
| Zirconium (Zr) | [7440-67-7] | 0,0061    | % |  | Borate / Peroxide Fusion ICP |
| Silver (Ag)    | [7440-22-4] | 0,0000371 | % |  | 4-Acid Digestion             |
| Aluminium (Al) | [7429-90-5] | 3,87      | % |  | 4-Acid Digestion             |
| Barium (Ba)    | [7440-39-3] | 0,0205    | % |  | 4-Acid Digestion             |
| Bismuth (Bi)   | [7440-69-9] | 0,000113  | % |  | 4-Acid Digestion             |
| Calcium (Ca)   | [7440-70-2] | 3,16      | % |  | 4-Acid Digestion             |
| Cadmium (Cd)   | [7440-43-9] | 0,000041  | % |  | 4-Acid Digestion             |
| Cerium (Ce)    | [7440-45-1] | 0,00296   | % |  | 4-Acid Digestion             |
| Cesium (Cs)    |             | 0,000302  | % |  | 4-Acid Digestion             |
| Copper (Cu)    | [7440-50-8] | 0,0447    | % |  | 4-Acid Digestion             |
| Iron (Fe)      | [7439-89-6] | 8,62      | % |  | 4-Acid Digestion             |
| Gallium (Ga)   | [7440-55-3] | 0,000934  | % |  | 4-Acid Digestion             |
| Hafnium (Hf)   | [7440-58-6] | 0,000173  | % |  | 4-Acid Digestion             |
| Indium (In)    | [7440-74-6] | 0,0000058 | % |  | 4-Acid Digestion             |
| Potassium (K)  | [7440-09-7] | 0,621     | % |  | 4-Acid Digestion             |

|                |             |          |   |                  |
|----------------|-------------|----------|---|------------------|
| Lanthanum (La) | [7439-91-0] | 0,00166  | % | 4-Acid Digestion |
| Lithium (Li)   | [7439-93-2] | 0,00272  | % | 4-Acid Digestion |
| Magnesium (Mg) | [7439-95-4] | 11,72    | % | 4-Acid Digestion |
| Manganese (Mn) | [7439-96-5] | 0,116    | % | 4-Acid Digestion |
| Sodium (Na)    | [7440-23-5] | 0,782    | % | 4-Acid Digestion |
| Niobium (Nb)   | [7440-03-1] | 0,000413 | % | 4-Acid Digestion |
| Phosphorus (P) | [7723-14-0] | 0,023    | % | 4-Acid Digestion |
| Lead (Pb)      | [7439-92-1] | 0,00172  | % | 4-Acid Digestion |
| Rubidium (Rb)  | [7440-17-7] | 0,00326  | % | 4-Acid Digestion |
| Sulfur (S)     | [7704-34-9] | 2,94     | % | 4-Acid Digestion |
| Antimony (Sb)  | [7440-36-0] | 0,000133 | % | 4-Acid Digestion |
| Scandium (Sc)  | [7440-20-2] | 0,00127  | % | 4-Acid Digestion |
| Tin (Sn)       | [7440-31-5] | 0,000128 | % | 4-Acid Digestion |
| Strontium (Sr) | [7440-24-6] | 0,0069   | % | 4-Acid Digestion |
| Tantalum (Ta)  | [7440-25-7] | 0,000031 | % | 4-Acid Digestion |
| Thorium (Th)   | [7440-29-1] | 0,000694 | % | 4-Acid Digestion |
| Titanium (Ti)  | [7440-32-6] | 0,192    | % | 4-Acid Digestion |
| Thallium (Tl)  | [7440-28-0] | 0,000041 | % | 4-Acid Digestion |
| Uranium (U)    | [7440-61-1] | 0,00021  | % | 4-Acid Digestion |

|                                     |             |          |   |                     |
|-------------------------------------|-------------|----------|---|---------------------|
| Vanadium (V)                        | [7440-62-2] | 0,0074   | % | 4-Acid Digestion    |
| Tungsten (W)                        | [7440-33-7] | 0,000462 | % | 4-Acid Digestion    |
| Yttrium (Y)                         | [7440-65-5] | 0,00109  | % | 4-Acid Digestion    |
| Zinc (Zn)                           | [7440-66-6] | 0,0114   | % | 4-Acid Digestion    |
| Zirconium (Zr)                      | [7440-67-7] | 0,0064   | % | 4-Acid Digestion    |
| Sulfur (S)                          | [7704-34-9] | 2,9      | % | Infrared Combustion |
| Loss on Ignition (L.O.I.) (1000 °C) |             | 6,43     | % | Thermogravimetry    |