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# Transitional (saprolite-limonite) ore

Art. ID OREAS-181-1KG

Unit 1 kg (powder)

Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|---|---|---|---|---|---|---|
| | Nickel (Ni) | [7440-02-0] | 0,5123 | % | Borate Fusion XRF | |
| | Cobalt (Co) | [7440-48-4] | 0,0451 | % | Borate Fusion XRF | |
| | Scandium (Sc) | [7440-20-2] | 0,00382 | % | Borate / Peroxide Fusion ICP | |
| | Al2O3 | | 11,56 | % | Borate Fusion XRF | |
| | CaO | | 2,37 | % | Borate Fusion XRF | |
| | Cr2O3 | | 1,24 | % | Borate Fusion XRF | |
| | Copper (Cu) | [7440-50-8] | 0,0074 | % | Borate Fusion XRF | |
| | Fe2O3 | | 35,94 | % | Borate Fusion XRF | |
| | Potassium oxide (K2O) | | 0,132 | % | Borate Fusion XRF | |
| | Magnesium oxide (MgO) | [1309-48-4] | 2,05 | % | Borate Fusion XRF | |
| | Manganese oxide (MnO) | | 0,168 | % | Borate Fusion XRF | |
| | Sodium oxide (Na2O) | [1313-59-3] | 0,448 | % | Borate Fusion XRF | |
| | Phosphorous(V) oxide (P2O5) | | 0,017 | % | Borate Fusion XRF | |
| | Silicon dioxide (SiO2) | [7631-86-9] | 33,79 | % | Borate Fusion XRF | |
| | Sulphur trioxide (SO3) | | 0,189 | % | Borate Fusion XRF | |

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| | Titanium dioxide (TiO2) | [13463-67-7] | 0,339 | % | Borate Fusion XRF |
| | Zinc (Zn) | [7440-66-6] | 0,0096 | % | Borate Fusion XRF |
| | Loss on Ignition (L.O.I.) (1000 °C) | | 11,26 | % | Thermogravimetry |
| | Al2O3 | | 11,31 | % | Borate / Peroxide Fusion ICP |
| | Barium (Ba) | [7440-39-3] | 0,0135 | % | Borate / Peroxide Fusion ICP |
| | CaO | | 2,37 | % | Borate / Peroxide Fusion ICP |
| | Cadmium (Cd) | [7440-43-9] | < 0,001 | % | Borate / Peroxide Fusion ICP |
| | Cerium (Ce) | [7440-45-1] | 0,00123 | % | Borate / Peroxide Fusion ICP |
| | Cobalt (Co) | [7440-48-4] | 0,0451 | % | Borate / Peroxide Fusion ICP |
| | Cr2O3 | | 1,23 | % | Borate / Peroxide Fusion ICP |
| | Cesium (Cs) | | 0,000057 | % | Borate / Peroxide Fusion ICP |
| | Copper (Cu) | [7440-50-8] | 0,0077 | % | Borate / Peroxide Fusion ICP |
| | Europium (Eu) | [7440-53-1] | 0,000043 | % | Borate / Peroxide Fusion ICP |
| | Fe2O3 | | 35,34 | % | Borate / Peroxide Fu |

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| | | | | | sion ICP |
| | Gallium (Ga) | [7440-55-3] | 0,00105 | % | Borate / P eroxide Fu sion ICP |
| | Gadolinium (Gd) | [7440-54-2] | 0,000135 | % | Borate / P eroxide Fu sion ICP |
| | Hafnium (Hf) | [7440-58-6] | 0,000174 | % | Borate / P eroxide Fu sion ICP |
| | Holmium (Ho) | [7440-60-0] | 0,000027 | % | Borate / P eroxide Fu sion ICP |
| | Potassium oxide (K2O) | | 0,125 | % | Borate / P eroxide Fu sion ICP |
| | Lanthanum (La) | [7439-91-0] | 0,000404 | % | Borate / P eroxide Fu sion ICP |
| | Lithium (Li) | [7439-93-2] | 0,00123 | % | Borate / P eroxide Fu sion ICP |
| | Magnesium oxide (MgO) | [1309-48-4] | 2,01 | % | Borate / P eroxide Fu sion ICP |
| | Manganese oxide (MnO) | | 0,166 | % | Borate / P eroxide Fu sion ICP |
| | Molybdenum (Mo) | [7439-98-7] | < 0,0005 | % | Borate / P eroxide Fu sion ICP |
| | Sodium oxide (Na2O) | [1313-59-3] | 0,42 | % | Borate / P eroxide Fu sion ICP |
| | Niobium (Nb) | [7440-03-1] | 0,000196 | % | Borate / P eroxide Fu sion ICP |
| | Neodymium (Nd) | [7440-00-8] | 0,00053 | % | Borate / P |

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| | | | | | eroxide Fu sion ICP |
| | Nickel (Ni) | [7440-02-0] | 0,5048 | % | Borate / P eroxide Fu sion ICP |
| | Praseodymium (Pr) | [7440-10-0] | 0,000129 | % | Borate / P eroxide Fu sion ICP |
| | Rubidium (Rb) | [7440-17-7] | 0,000561 | % | Borate / P eroxide Fu sion ICP |
| | Sulfur (S) | [7704-34-9] | 0,071 | % | Borate / P eroxide Fu sion ICP |
| | Antimony (Sb) | [7440-36-0] | 0,000119 | % | Borate / P eroxide Fu sion ICP |
| | Silicon dioxide (SiO2) | [7631-86-9] | 33,32 | % | Borate / P eroxide Fu sion ICP |
| | Samarium (Sm) | [7440-19-9] | 0,000136 | % | Borate / P eroxide Fu sion ICP |
| | Strontium (Sr) | [7440-24-6] | 0,0087 | % | Borate / P eroxide Fu sion ICP |
| | Terbium (Tb) | [7440-27-9] | 0,000022 | % | Borate / P eroxide Fu sion ICP |
| | Thorium (Th) | [7440-29-1] | 0,000272 | % | Borate / P eroxide Fu sion ICP |
| | Titanium dioxide (TiO2) | [13463-67-7] | 0,333 | % | Borate / P eroxide Fu sion ICP |
| | Uranium (U) | [7440-61-1] | 0,000098 | % | Borate / P eroxide Fu sion ICP |

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| | Vanadium (V) | [7440-62-2] | 0,0146 | % | Borate / Peroxide Fusion ICP |
| | Tungsten (W) | [7440-33-7] | 0,000322 | % | Borate / Peroxide Fusion ICP |
| | Yttrium (Y) | [7440-65-5] | 0,000573 | % | Borate / Peroxide Fusion ICP |
| | Ytterbium (Yb) | [7440-64-4] | 0,000089 | % | Borate / Peroxide Fusion ICP |
| | Zinc (Zn) | [7440-66-6] | 0,01 | % | Borate / Peroxide Fusion ICP |
| | Zirconium (Zr) | [7440-67-7] | 0,0061 | % | Borate / Peroxide Fusion ICP |
| | Carbon (C) | [7440-44-0] | 0,653 | % | Infrared Combustion |
| | Sulfur (S) | [7704-34-9] | 0,059 | % | Infrared Combustion |
| | Specific Gravity | | 2,87 | | Gas / Liquid Pycnometry |