Pty Ltd A

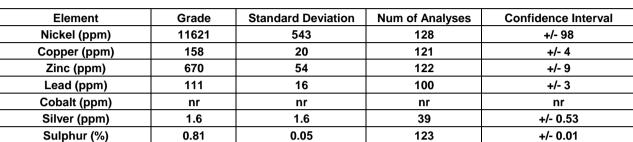
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Certified Ore Grade Base Metal Reference Material Product Code

GBM919-15

Certified Control Values



| Leau (ppiii) | 111 | 10 | 100 | | +/- 3 | |
|---|--|-----------------------------|-------------------------|--------------------------------------|--------------------------------|-------------|
| Cobalt (ppm) | nr | nr | nr | | nr | |
| Silver (ppm) | 1.6 | 1.6 | 39 | +/- 0.53 +/- 0.01 | | |
| Sulphur (%) | 0.81 | 0.05 | 123 | | | |
| . , | | | | • | | |
| | | <u>CRM Details</u> | | | | |
| | | | Neutron Activa | Neutron Activation Major Elements by | | |
| Control Statistic Details | ntrol Statistic Details Analysis Results (pp | | | Its (ppm, | , Fusion / XRF (%) | |
| Control statistics were produc | ced from results a | ccumulated in the October- | 2007, unless otherw | ise noted) |) | |
| October-2019 round robins. The number of results used to certify each analyte is | | lyte is Antimony | 0.6 | Fe | 33.6 | |
| shown in the table above. | | | Arsenic | 16.4 | SiO ₂ | 20.1 |
| | | | Barium | 92 | Al ₂ O ₃ | 8.06 |
| Material Description | | | Bromine | 32.5 | TiO ₂ | 0.33 |
| This material is described as a Laterite Nickel Ore. | | | Cadmium | <5 | MnO | 0.26 |
| | | | Caesium | < 0.5 | CaO | 3.51 |
| | | | Calcium (%) | nr | Р | 0.016 |
| olour Designation (ISCC-NBS, SP440) | | | Cerium | 8.5 | S | 0.84 |
| This material is moderate yellowish brown in colour. | | Chromium | 12450 | MgO | 1.25 | |
| | | | Cobalt | 345 | K ₂ O | 0.14 |
| <u>Usage</u> | | | Europium | 0.5 | Na ₂ O | 0.55 |
| This product is for use in the mining industry as a reference material for | | | | 22.5 | LOI1000 | 11.15 |
| monitoring and testing the acc | Hafnium | <1 | | | | |
| | | | Iridium (ppb) | <50 | Neutron Act | |
| Preparation and Packaging | | | Iron (%) | 31.25 | Analyses ar | nd Fusion / |
| All CRMs are dried in an ov | | | , | 11 | XRF Analys | |
| material is then pulverised to better than 75 micron (nominal mean of 45 micron) | | | | 0.2 | single results and are | |
| using an air classifier. The material is then homogenised and stored in a sealed, | | | | nr | indicative only. These | |
| stable container ready for fina | Molybdenum | 7 | are provided for matrix | | | |
| | | | Neodymium | nr | identification | n |
| Materials are statistically san | npled from stores | , then packaged into either | | 11650 | purposes. | |
| sealed, air tight, plastic pulp p | ackets or screw to | p sealed plastic containers | ready Potassium (%) | nr | | |

sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready for distribution. All packaging has been chosen to ensure minimal contamination from outside sources during shipment, use and storage.

Assay Testwork

All standards are tested thoroughly in the Geostats bi-annual laboratory survey. This involves assaying by multiple laboratories from around the world. Results are compiled into a comprehensive report detailing statistics for each standard. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

This product remains stable in its original packaging, away from direct sunlight.

Material Safety

This product is not hazardous and non-toxic.

| | Alialysis Resul | rusion / A | KF (70) | | | |
|-------------------------|-----------------|------------|--------------------------------|----------------------|--|--|
| unless otherwise noted) | | | | | | |
| | Antimony | 0.6 | Fe | 33.6 | | |
| | Arsenic | 16.4 | SiO ₂ | 20.1 | | |
| | Barium | 92 | Al ₂ O ₃ | 8.06 | | |
| | Bromine | 32.5 | TiO ₂ | 0.33 | | |
| | Cadmium | <5 | MnO | 0.26 | | |
| | Caesium | <0.5 | CaO | 3.51 | | |
| | Calcium (%) | nr | Р | 0.016 | | |
| | Cerium | 8.5 | S | 0.84 | | |
| | Chromium | 12450 | MgO | 1.25 | | |
| | Cobalt | 345 | K ₂ O | 0.14 | | |
| | Europium | 0.5 | Na ₂ O | 0.55 | | |
| | Gold (ppb) | 22.5 | LOI1000 | 11.15 | | |
| | Hafnium | <1 | | | | |
| | Iridium (ppb) | <50 | Neutron Act | ivation | | |
| | Iron (%) | 31.25 | Analyses ar | nalyses and Fusion / | | |
| | Lanthanum | 11 | XRF Analyses are | | | |
| | Lutetium | 0.2 | single results and are | | | |
| | Mercury | nr | indicative only. These | | | |
| | Molybdenum | 7 | are provided for matrix | | | |
| | Neodymium | nr | identification | า | | |
| | Nickel | 11650 | purposes. | | | |
| | Potassium (%) | nr | | | | |
| | Rubidium | 14 | 'nr': Not Rep | orted | | |
| | Samarium | 1.9 | | | | |
| | Scandium | 32.6 | | | | |
| | Selenium | <5 | | | | |
| | Silver | <2 | | | | |
| | Sodium (%) | 0.362 | | | | |
| | Strontium | nr | | | | |
| | Tantalum | <0.5 | | | | |
| | Tellurium | <10 | | | | |
| | Terbium | 1 | | | | |
| | Thorium | 0.95 | | | | |
| | Tin | <100 | | | | |
| | Tungsten | 8 | | | | |
| | Uranium | 3.75 | | | | |
| | Ytterbium | 1.6 | | | | |
| | Zinc | 610 | | | | |
| | Zirconium | <200 | | | | |

20 Hines Road, O'Connor, Western Australia 6163 Phone: +61 8 9314 2566 | Email: info@geostats.com.au Website: www.geostats.com.au