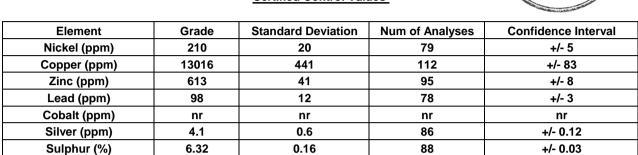
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Pty Ltd A. Certified Ore Grade Base Metal Reference Material Product Code

GBM322-13

Certified Control Values



| CRM Details | | | | |
|--|--|------|--------------------------------|-------|
| | Neutron Activation | | Major Elements by | |
| Control Statistic Details | Analysis Results (ppm, unless otherwise noted) | | Fusion / XRF (%) | |
| Control statistics were produced from results accumulated in the April-2022 | | | | ` , |
| round robin. The number of results used to certify each analyte is shown in the | Antimony | 1.3 | Fe | 22.83 |
| table above. | Arsenic | 49.8 | SiO ₂ | 36.39 |
| | Barium | 442 | Al ₂ O ₃ | 8.77 |
| Material Description | Bromine | <2 | TiO ₂ | 0.25 |
| This material is described as a Copper rougher feed. | Cadmium | <10 | MnO | 0.18 |
| | Caesium | 2 | CaO | 4.45 |
| | Calcium (%) | nr | Р | 0.073 |
| Colour Designation (ISCC-NBS, SP440) | Cerium | 61 | S | 6.21 |
| This material is medium gray in colour. | Chromium | 38 | MgO | 1.71 |
| | Cobalt | 44 | K ₂ O | 3.04 |
| <u>Usage</u> | Europium | 0.9 | Na ₂ O | 2.25 |
| This product is for use in the mining industry as a reference material for | Gold (ppb) | 1470 | LOI1000 | 6.68 |
| monitoring and testing the accuracy of laboratory assaying. | Hafnium | <5 | | |
| | Iridium (ppb) | <50 | Neutron Activation | |
| Preparation and Packaging | Iron (%) | 24 | Analyses and Fusion / | |
| All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry | Lanthanum | 38 | XRF Analyses are | |
| material is then pulverised to better than 75 micron (nominal mean of 45 micron) | Lutetium | 0.2 | single results and are | |
| using an air classifier. The material is then homogenised and stored in a sealed, | Mercury | nr | indicative only. These | |
| stable container ready for final packaging. | Molybdenum | 128 | are provided for matrix | |
| | Neodymium | nr | identification | |
| Materials are statistically sampled from stores, then packaged into either heat | Nickel | 240 | purposes. | |
| sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready | Potassium (%) | nr | | |
| for distribution. All packaging has been chosen to ensure minimal contamination | Rubidium | 88 | 'nr': Not Reported | |
| from outside sources during shipment, use and storage. | Samarium | 4.2 | | |
| | Scandium | 3.6 | | |
| Assay Testwork | Selenium | 17 | | |
| All standards are tested thoroughly in the Geostats bi-annual laboratory survey. | Silver | <5 | | |
| This involves assaying by multiple laboratories from around the world. Results | Sodium (%) | 1.65 | | |
| are compiled into a comprehensive report detailing statistics for each standard. | Strontium | nr | | |
| Assay distributions are checked and processed statistically, producing | Tantalum | <2 | | |
| monitoring statistics for these standards. Materials are tested regularly to ensure | Tellurium | <20 | | |
| stability and homogeneity. | Terbium | <1 | | |
| | Thorium | 5.2 | | |
| Stability | Tin | <200 | | |
| This product remains stable in its original packaging, away from direct sunlight. | Tungsten | 28 | | |
| | Uranium | 6 | | |
| Material Safety | Ytterbium | 1.1 | | |
| This product is not be readed and non-toxic | Zina | 000 | | |

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Zinc

Zircon<u>ium</u>

630

<500

This product is not hazardous and non-toxic.