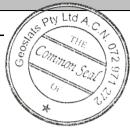
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM396-6

Certified Control Values



Major Elements by

Neutron Activation

| Element | Grade | Standard Deviation | Num of Analyses | Confidence Interval | |
|---------------|-------|--------------------|-----------------|---------------------|--|
| Nickel (ppm) | 83 | 10 | 85 | +/- 2.2 | |
| Copper (ppm) | 13903 | 720 | 104 | +/- 140.8 | |
| Zinc (ppm) | 260 | 22 | 97 | +/- 4.4 | |
| Lead (ppm) | 774 | 54 | 94 | +/- 11.1 | |
| Arsenic (ppm) | 541 | 56 | 81 | +/- 12.4 | |
| Cobalt (ppm) | nr | nr | nr | nr | |
| Silver (ppm) | 5.4 | 1.0 | 88 | +/- 0.2 | |

CRM Details

| Control statistics were produced from results accumulated in the October-1995 & unit April-1996 round robins. The number of results used to certify each analyte is shown in the table above. Material Description This material is described as a Low grade copper ore ex Pilbara sulphide. | nalysis Result nless otherwis ntimony rsenic arium romine admium | 3.66 575 <200 | Fusion / X Fe SiO2 | RF (%) |
|---|--|---------------------|--------------------------------|------------|
| April-1996 round robins. The number of results used to certify each analyte is shown in the table above. Material Description This material is described as a Low grade copper ore ex Pilbara sulphide. And | ntimony rsenic arium romine | 3.66 575 <200 | | nr |
| shown in the table above. Ars Bai Material Description This material is described as a Low grade copper ore ex Pilbara sulphide. Car | rsenic arium romine | 575 <200 | | nr |
| Material Description This material is described as a Low grade copper ore ex Pilbara sulphide. Bat Car | arium romine | <200 | SiO ₂ | |
| Material Description Brown This material is described as a Low grade copper ore ex Pilbara sulphide. Car | romine | | | nr |
| This material is described as a Low grade copper ore ex Pilbara sulphide. | - | _ | Al ₂ O ₃ | nr |
| • | admium | <5 | TiO ₂ | nr |
| Ca | | nr | MnO | nr |
| | aesium | <1 | CaO | nr |
| Ca | alcium (%) | nr | Р | nr |
| Colour Designation (ISCC-NBS, SP440) | erium | 288.5 | S | nr |
| This material is light brownish gray in colour. | hromium | 1145 | MgO | nr |
| Co' | obalt | 519 | K ₂ O | nr |
| Usage Eur | uropium | 2.025 | Na ₂ O | nr |
| This product is for use in the mining industry as a reference material for Go | old (ppb) | 14250 | LOI1000 | nr |
| monitoring and testing the accuracy of laboratory assaying. | afnium | 4.9 | | |
| Irid | dium (ppb) | <20 | Neutron Act | ivation |
| Preparation and Packaging Iron | on (%) | 5.945 | Analyses an | d Fusion / |
| All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry Lar | anthanum | 164 | XRF Analyses are | |
| material is then pulverised to better than 75 micron (nominal mean of 45 micron) Lut | utetium | 0.89 | single results and are | |
| using an air classifier. The material is then homogenised and stored in a sealed, Me | ercury | nr | indicative only. These | |
| stable container ready for final packaging. | olybdenum | <5 | are provided for matrix | |
| | eodymium | nr | identification | ı |
| Materials are statistically sampled from stores, then packaged into either heat Nic | ickel | nr | purposes. | |
| sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready Pot | otassium (%) | < 0.5 | | |
| | ubidium `´´ | <20 | 'nr': Not Rep | orted |
| | amarium | 21.05 | • | |
| Sc | candium | 25.05 | | |
| Assay Testwork Sel | elenium | <10 | | |
| All standards are tested thoroughly in the Geostats bi-annual laboratory survey. Silv | lver | <10 | | |
| 1 | odium (%) | 1.625 | | |
| compiled into a comprehensive report detailing statistics for each standard. Assay Str | trontium | nr | | |
| , | antalum | <2 | | |
| statistics for these standards. Materials are tested regularly to ensure stability and Tel | ellurium | nr | | |
| , | erbium | nr | | |
| | norium | 13.1 | | |
| Stability Tin | n | nr | | |
| This product remains stable in its original packaging, away from direct sunlight. | ungsten | 11.635 | | |
| , | ranium | <3 | | |
| - | terbium | 6.415 | | |
| This product is not hazardous and non-toxic. | | 335.5 | | |
| | rconium | nr | | |

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