

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

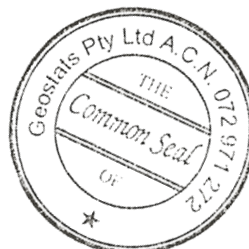
## Certified Low Level Gold Reference Material Product Code

# GLG913-5

### Certified Control Values

#### Low Level Gold

Gold Grade 84.83 ppb  
Standard Deviation 9.63 ppb  
Confidence Interval +/- 2.17 ppb



### CRM Details

| <u>Control Statistic Details</u>  | <u>Neutron Activation Analysis Results (ppm, unless otherwise noted)</u> | <u>Major Elements by Fusion / XRF (%)</u> |       |
|---|--|---|-------|
| Control statistics were produced from results accumulated in the October-2013 round robin. A total of 79 gold assays were used to certify this material.  | Antimony 12.7  | Fe  | 3.59  |
|   | Arsenic 389  | SiO <sub>2</sub>                          | 68.15 |
|   | Barium 515   | Al <sub>2</sub> O <sub>3</sub>            | 13.16 |
|   | Bromine <0.253   | TiO <sub>2</sub>                          | 0.711 |
|   | Cadmium <1.86  | MnO                                       | 0.07  |
|   | Caesium 3.95   | CaO                                       | 3.39  |
|   | Calcium (%) nr   | P   | 0.041 |
|   | Cerium 52.2  | S   | 0.1   |
|   | Chromium 40.7  | MgO                                       | 1.66  |
|   | Cobalt 360   | K <sub>2</sub> O                          | 2.96  |
|   | Europium nr  | Na <sub>2</sub> O                         | 3.397 |
|   | Gold (ppb) 90.8  | LOI1000                                   | 0.58  |
|   | Hafnium 3.48   |   |       |
|   | Iridium (ppb) <20  | Neutron Activation                        |       |
|   | Iron (%) 3.77  | Analyses and Fusion /                     |       |
|   | Lanthanum 29.6   | XRF Analyses are                          |       |
|   | Lutetium 0.479   | single results and are                    |       |
|   | Mercury nr   | indicative only. These                    |       |
|   | Molybdenum 29.4  | are provided for matrix                   |       |
|   | Neodymium nr   | identification                            |       |
|   | Nickel 180   | purposes.                                 |       |
|   | Potassium (%) nr   |   |       |
|   | Rubidium 158   | 'nr': Not Reported                        |       |
|   | Samarium 4.32  |   |       |
|   | Scandium 11.8  |   |       |
|   | Selenium <3.12   |   |       |
|   | Silver 1.47  |   |       |
|   | Sodium (%) 2.54  |   |       |
|   | Strontium nr   |   |       |
|   | Tantalum 1.71  |   |       |
|   | Tellurium nr   |   |       |
|   | Terbium 0.725  |   |       |
|   | Thorium 22.1   |   |       |
|   | Tin nr   |   |       |
|   | Tungsten 1.1   |   |       |
|   | Uranium 10.9   |   |       |
|   | Ytterbium nr   |   |       |
|   | Zinc 302   |   |       |
|   | Zirconium nr   |   |       |
| <u>Material Description</u><br>This material is described as an Oxide milled mine waste.  |  |   |       |
| <u>Colour Designation (ISCC-NBS, SP440)</u><br>This material is pale red in colour.   |  |   |       |
| <u>Usage</u><br>This product is for use in the mining industry as a reference material for monitoring and testing the accuracy of laboratory assaying.  |  |   |       |
| <u>Preparation and Packaging</u><br>All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry material is then pulverised to better than 75 micron (nominal mean of 45 micron) using an air classifier. The material is then homogenised and stored in a sealed, stable container ready for final packaging.<br><br>Materials are statistically sampled from stores, then packaged into either heat 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. |  |   |       |
| <u>Assay Testwork</u><br>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.   |  |   |       |
| <u>Stability</u><br>This product remains stable in its original packaging, away from direct sunlight.   |  |   |       |
| <u>Material Safety</u><br>This product is not hazardous and non-toxic.  |  |   |       |

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Geostats Pty Ltd, Certified Low Level Gold Reference Material, Product Code: