

**GEOSTATS PTY LTD**  
Mining Industry Consultants  
Reference Material Manufacture and Sales

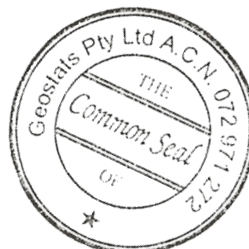
Certified Low Level Gold Reference Material Product Code

**GLG903-1**

Certified Control Values

Low Level Gold

Gold Grade      50.16 ppb  
Standard Deviation      5.33 ppb  
Confidence Interval      +/- 1.89 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-2003 round robin. A total of 34 gold assays were used to certify this material.	Antimony      1.26	Fe	nr
	Arsenic      3.81	SiO <sub>2</sub>	nr
	Barium      <100	Al <sub>2</sub> O <sub>3</sub>	nr
	Bromine      <1	TiO <sub>2</sub>	nr
	Cadmium      nr	MnO	nr
	Caesium      67.6	CaO	nr
	Calcium (%)      1.39	P	nr
	Cerium      7.61	S	nr
	Chromium      41	MgO	nr
	Cobalt      10.2	K <sub>2</sub> O	nr
	Europium      0.54	Na <sub>2</sub> O	nr
	Gold (ppb)      51.8	LOI1000	nr
	Hafnium      2.14		
	Iridium (ppb)      <20	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	
	Iron (%)      2.35	'nr': Not Reported	
	Lanthanum      2.65		
	Lutetium      <0.2		
	Mercury      nr		
	Molybdenum      <5		
	Neodymium      nr		
	Nickel      nr		
	Potassium (%)      5.07		
	Rubidium      1930		
	Samarium      1.21		
	Scandium      6.1		
	Selenium      <5		
	Silver      <5		
	Sodium (%)      1.64		
	Strontium      nr		
	Tantalum      <1		
	Tellurium      <5		
	Terbium      nr		
	Thorium      0.82		
	Tin      nr		
	Tungsten      <2		
	Uranium      <2		
	Ytterbium      0.74		
	Zinc      <100		
	Zirconium      <500		
<u>Material Description</u> This material is described as a Soil plus milled cap material.			
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is grayish orange pink in colour.			
<u>Usage</u> 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> 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.  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> 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> This product remains stable in its original packaging, away from direct sunlight.			
<u>Material Safety</u> This product is not hazardous and non-toxic.			

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

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