

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

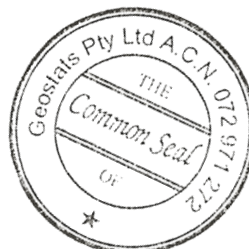
## Certified Low Level Gold Reference Material Product Code

# GLG304-2

### Certified Control Values

#### Low Level Gold

Gold Grade            67.20 ppb  
Standard Deviation    7.76 ppb  
Confidence Interval   +/- 1.2 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 April-2004 round robin. A total of 165 gold assays were used to certify this material.	Antimony	3.014	Fe	nr
	Arsenic	<0.5	SiO <sub>2</sub>	nr
	Barium	<50	Al <sub>2</sub> O <sub>3</sub>	nr
	Bromine	<0.5	TiO <sub>2</sub>	nr
	Cadmium	<5	MnO	nr
	Caesium	86.988	CaO	nr
	Calcium (%)	<1	P	nr
	Cerium	<5	S	nr
	Chromium	50.613	MgO	nr
	Cobalt	41.85	K <sub>2</sub> O	nr
	Europium	<1	Na <sub>2</sub> O	nr
	Gold (ppb)	70.95	LOI1000	nr
	Hafnium	<1		
	Iridium (ppb)	<50	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	
	Iron (%)	0.9	nr: Not Reported	
	Lanthanum	<2		
	Lutetium	<0.2		
	Mercury	nr		
	Molybdenum	20.575		
	Neodymium	<5		
	Nickel	84.025		
	Potassium (%)	5.01		
	Rubidium	2091.25		
	Samarium	0.094		
	Scandium	0.448		
	Selenium	<5		
	Silver	<2		
	Sodium (%)	0.959		
	Strontium	<10		
	Tantalum	<0.5		
	Tellurium	<10		
	Terbium	<0.5		
	Thorium	0.253		
	Tin	<100		
	Tungsten	<1		
	Uranium	0.299		
	Ytterbium	<2		
	Zinc	<100		
	Zirconium	<500		
<u>Material Description</u> This material is described as a Soil and silica cap milled.				
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is moderate 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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