

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

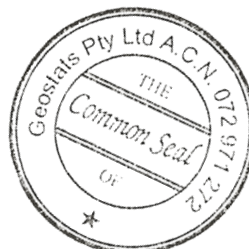
## Certified Low Level Gold Reference Material Product Code

# GLG907-5

### Certified Control Values

#### Low Level Gold

Gold Grade 80.72 ppb  
Standard Deviation 7.91 ppb  
Confidence Interval +/- 1.52 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-2007 & April-2011 round robins. A total of 107 gold assays were used to certify this material.	Antimony	28.3	Fe
<u>Material Description</u> This material is described as a Milled oxide halo material.	Arsenic	77.1	SiO <sub>2</sub>	67.25
	Barium	3670	Al <sub>2</sub> O <sub>3</sub>	13.72
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is pinkish gray in colour.	Bromine	0.903	TiO <sub>2</sub>	0.585
	Cadmium	<5	MnO	0.09
<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.	Caesium	2.385	CaO	2.89
	Calcium (%)	nr	P	0.097
<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.	Cerium	151	S	0.13
	Chromium	50.1	MgO	1.46
<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.	Cobalt	12.45	K <sub>2</sub> O	3.22
	Europium	1.39	Na <sub>2</sub> O	2.521
<u>Stability</u> This product remains stable in its original packaging, away from direct sunlight.	Gold (ppb)	76.9	LOI1000	1.74
	Hafnium	6.655	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	
<u>Material Safety</u> This product is not hazardous and non-toxic.	Iridium (ppb)	<20	nr: Not Reported	
	Iron (%)	3.33		
	Lanthanum	80.15		
	Lutetium	0.4		
	Mercury	nr		
	Molybdenum	1.325		
	Neodymium	nr		
	Nickel	28.2		
	Potassium (%)	nr		
	Rubidium	97.8		
	Samarium	10.3		
	Scandium	8.805		
	Selenium	<5		
	Silver	3		
	Sodium (%)	1.845		
	Strontium	nr		
	Tantalum	1.11		
	Tellurium	<5		
	Terbium	1.215		
	Thorium	27.2		
	Tin	<100		
	Tungsten	2.155		
	Uranium	4.175		
	Ytterbium	3.06		
	Zinc	126.5		
	Zirconium	260		

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