

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

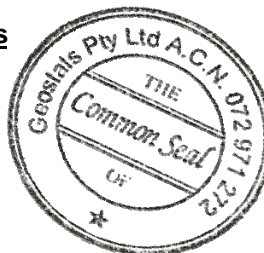
Certified Low Level Gold Reference Material Product Code

**GLG911-5**

Certified Control Values

Low Level Gold Analyses

Gold Grade	209.21 ppb
Standard Deviation	13.90 ppb
Confidence Interval	+/- 3.47 ppb



CRM Details

<u>Control Statistic Details</u>	<u>Neutron Activation Analysis Results (ppm)</u>	<u>Major Elements Fusion / XRF (%)</u>
Control statistics were produced from results accumulated in the : <u>October 2011</u> Geostats Pty Ltd Laboratory Round Robin Program. <u>65</u> laboratories tested this material for gold content.	Antimony 1.40	Fe 6.79
<u>Source Material</u> Prior to homogenisation and testing, this material was sourced from Milled waste material	Arsenic 0.70	SiO2 58.62
<u>Colour Designation</u> Pale Red	Barium 340.00	Al2O3 13.91
<u>Usage</u> This product is for use in the mining industry as reference materials for monitoring and testing the accuracy of laboratory assaying.	Bromine 0.60	TiO2 1.39
<u>Preparation and Packaging</u> All standards are dried in an oven for a minimum of 12 hours at 11°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.	Cadmium <5	MnO 0.12
<u>Assay Testwork</u> All standards are tested thoroughly in the Geostats bi-annual laboratory survey. This involves assaying by a minimum of 50 reputable laboratories selected from across 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.	Cerium 37.00	CaO 6.9
	Caesium 1.50	P 0.07
	Chromium 116.00	S 0.042
	Cobalt 28.00	MgO 3.77
	Europium 1.40	K2O 1.62
	Gold ppb 230.00	Na2O 3.124
	Hafnium 4.00	LOI1000 0.54
	Iridium ppb <20	
	Iron % 6.80	
	Lanthanum 18.60	
	Lutetium 0.46	
	Molybdenum <5	
	Nickel 28.00	
	Rubidium 78.00	
	Samarium 4.90	
	Scandium 23.20	
	Selenium <5	
	Sodium % 2.23	
	Tantalum 1.00	
	Tellurium <10	
	Terbium 1.00	
	Thorium 10.50	
	Tin <200	
	Tungsten <2	
	Uranium 5.60	
	Ytterbium 3.10	
	Zinc 100.00	
	Zirconium <500	
	Calcium% nr	
	Potassium % nr	
	Silver 2.00	
	Mercury nr	
	Neodymium nr	
	Strontium nr	

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