

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

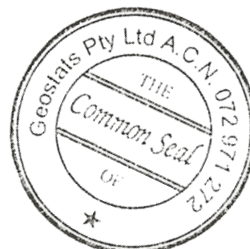
## Certified Low Level Gold Reference Material Product Code

# GLG313-1

### Certified Control Values

#### Low Level Gold

Gold Grade 30.63 ppb  
Standard Deviation 3.03 ppb  
Confidence Interval +/- 0.75 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-2013 round robin. A total of 66 gold assays were used to certify this material.	Antimony 0.713	Fe	5.61
	Arsenic 5.35	SiO <sub>2</sub>	59.21
	Barium 348	Al <sub>2</sub> O <sub>3</sub>	18.3
	Bromine 2.08	TiO <sub>2</sub>	0.819
	Cadmium <1.6	MnO	0.07
	Caesium 1.85	CaO	2.63
	Calcium (%) nr	P	0.031
	Cerium 38.7	S	0.036
	Chromium 78.4	MgO	1.55
	Cobalt 7.36	K <sub>2</sub> O	2.55
	Europium 0.542	Na <sub>2</sub> O	2.551
	Gold (ppb) 32.6	LOI1000	4.02
	Hafnium 5.99		
	Iridium (ppb) <6.91	Neutron Activation	
	Iron (%) 6.1	Analyses and Fusion /	
	Lanthanum 19.1	XRF Analyses are	
	Lutetium 0.297	single results and are	
	Mercury nr	indicative only. These	
	Molybdenum 8.91	are provided for matrix	
	Neodymium nr	identification	
	Nickel 13.7	purposes.	
	Potassium (%) nr		
	Rubidium 121	'nr': Not Reported	
	Samarium 3.33		
	Scandium 12.3		
	Selenium <2.05		
	Silver 1.07		
	Sodium (%) 1.97		
	Strontium nr		
	Tantalum 2.05		
	Tellurium <3.93		
	Terbium 0.739		
	Thorium 32.5		
	Tin <28.8		
	Tungsten <1.21		
	Uranium 11.9		
	Ytterbium 1.16		
	Zinc <31		
	Zirconium <157		
<u>Material Description</u> This material is described as a Milled low grade waste material.			
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is pale red 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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