

GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

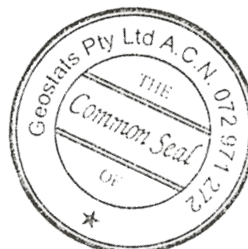
Certified Low Level Gold Reference Material Product Code

GLG310-4

Certified Control Values

Low Level Gold

Gold Grade 87.89 ppb
Standard Deviation 8.50 ppb
Confidence Interval +/- 2.34 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-2010 round robin. A total of 54 gold assays were used to certify this material.	Antimony 0.39	Fe	nr
	Arsenic 6.6	SiO ₂	nr
	Barium 2500	Al ₂ O ₃	nr
	Bromine <0.5	TiO ₂	nr
	Cadmium <5	MnO	nr
	Caesium 2	CaO	nr
	Calcium (%) nr	P	nr
	Cerium 228	S	nr
	Chromium 30	MgO	nr
	Cobalt 11	K ₂ O	nr
	Europium 2.52	Na ₂ O	nr
	Gold (ppb) 98	LOI1000	nr
	Hafnium 10		
	Iridium (ppb) <5	Neutron Activation	
	Iron (%) 3.45	Analyses and Fusion /	
	Lanthanum 125	XRF Analyses are	
	Lutetium 0.72	single results and are	
	Mercury nr	indicative only. These	
	Molybdenum 58	are provided for matrix	
	Neodymium nr	identification	
	Nickel 430	purposes.	
	Potassium (%) nr		
	Rubidium 130	'nr': Not Reported	
	Samarium 14.6		
	Scandium 7.82		
	Selenium <1.5		
	Silver 55.4		
	Sodium (%) 2.61		
	Strontium nr		
	Tantalum 1.27		
	Tellurium <2.7		
	Terbium 1.58		
	Thorium 41.3		
	Tin <100		
	Tungsten 3		
	Uranium 5.3		
	Ytterbium 5.07		
	Zinc 235		
	Zirconium <500		
<u>Material Description</u> This material is described as an Oxide Ag ore.			
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is yellowish gray 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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