

GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

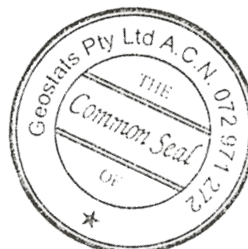
Certified Low Level Gold Reference Material Product Code

GLG302-1

Certified Control Values

Low Level Gold

Gold Grade 35.73 ppb
Standard Deviation 7.69 ppb
Confidence Interval +/- 1.03 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-2001, April-2002, October-2002, April-2003, October-2003 & October-2004 round robins. A total of 216 gold assays were used to certify this material.	Antimony 5.413	Fe	nr
<u>Material Description</u> This material is described as a Milled Ferruginous Gossan Murchison W.Aust.	Arsenic 2.738	SiO ₂	nr
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is moderate orange pink in colour.	Barium 211	Al ₂ O ₃	nr
<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.	Bromine 2.742	TiO ₂	nr
<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.	Cadmium <5	MnO	nr
<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.	Caesium 1.502	CaO	nr
<u>Stability</u> This product remains stable in its original packaging, away from direct sunlight.	Calcium (%) <1	P	nr
<u>Material Safety</u> This product is not hazardous and non-toxic.	Cerium 70.492	S	nr
	Chromium 61.725	MgO	nr
	Cobalt 19.617	K ₂ O	nr
	Europium 0.883	Na ₂ O	nr
	Gold (ppb) 31.242	LOI1000	nr
	Hafnium 23.033		
	Iridium (ppb) <20	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	
	Iron (%) 3.388	nr: Not Reported	
	Lanthanum 46.608		
	Lutetium 0.262		
	Mercury nr		
	Molybdenum 3.583		
	Neodymium nr		
	Nickel 32		
	Potassium (%) 2.508		
	Rubidium 157.833		
	Samarium 4.699		
	Scandium 7.564		
	Selenium <5		
	Silver <5		
	Sodium (%) 0.642		
	Strontium nr		
	Tantalum 2.543		
	Tellurium <5		
	Terbium 0.7		
	Thorium 17.942		
	Tin <100		
	Tungsten 3.207		
	Uranium 5.962		
	Ytterbium 2.263		
	Zinc <100		
	Zirconium 814.417		

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