

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Low Level Gold Reference Material Product Code

GLG901-2

Certified Control Values

Low Level Gold

Gold Grade	9.92 ppb
Standard Deviation	2.97 ppb
Confidence Interval	+/- 0.58 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, October-2003 & October-2006 round robins. A total of 105 gold assays were used to certify this material.	Antimony	1.845	Fe
<u>Material Description</u> This material is described as a Milled mine waste overburden.	Arsenic	0.828	SiO ₂	nr
	Barium	28.1	Al ₂ O ₃	nr
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is grayish orange pink in colour.	Bromine	<0.5	TiO ₂	nr
	Cadmium	nr	MnO	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.	Caesium	41.025	CaO	nr
	Calcium (%)	<1	P	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.	Cerium	3.8	S	nr
	Chromium	27.5	MgO	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.	Cobalt	4.015	K ₂ O	nr
	Europium	<0.5	Na ₂ O	nr
<u>Stability</u> This product remains stable in its original packaging, away from direct sunlight.	Gold (ppb)	8.21	LOI1000	nr
	Hafnium	20.275	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 (%)	1.678		
	Lanthanum	1.278		
	Lutetium	0.193		
	Mercury	nr		
	Molybdenum	<5		
	Neodymium	<3.81		
	Nickel	11.9		
	Potassium (%)	4.94		
	Rubidium	1365		
	Samarium	0.617		
	Scandium	3.655		
	Selenium	<5		
	Silver	<5		
	Sodium (%)	1.41		
	Strontium	<8.96		
	Tantalum	<1		
	Tellurium	<5		
	Terbium	0.202		
	Thorium	0.662		
	Tin	<33.2		
	Tungsten	<1		
	Uranium	<1		
	Ytterbium	0.812		
	Zinc	<100		
	Zirconium	813.5		

20 Hines Road, O'Connor, Western Australia 6163

Phone : +61 8 9314 2566, Fax : +61 8 9314 3699

e-mail : pjh@geostats.com.au, srr@geostats.com.au

Website <http://www.geostats.com.au>

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