

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

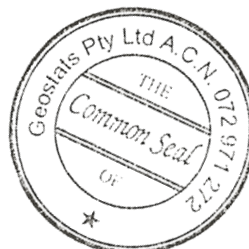
Certified Low Level Gold Reference Material Product Code

GLG307-5

Certified Control Values

Low Level Gold

Gold Grade	26.92 ppb
Standard Deviation	3.46 ppb
Confidence Interval	+/- 0.7 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-2007 & April-2011 round robins. A total of 97 gold assays were used to certify this material.	Antimony	<0.1	Fe
<u>Material Description</u> This material is described as a Blended Basalt / granite / Diorite ore.	Arsenic	<0.217	SiO ₂	58.16
	<u>Colour Designation (ISCC-NBS, SP440)</u> This material is light gray in colour.	Barium	1400	Al ₂ O ₃
<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	0.526	TiO ₂
	<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
<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	0.854	CaO
	<u>Stability</u> This product remains stable in its original packaging, away from direct sunlight.	Calcium (%)	nr	P
<u>Material Safety</u> This product is not hazardous and non-toxic.		Cerium	125	S
	<u>Neutron Activation Analysis Results (ppm, unless otherwise noted)</u>	Chromium	111	MgO
<u>Major Elements by Fusion / XRF (%)</u>		Cobalt	26.75	K ₂ O
	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	Europium	1.805	NazO
"nr": Not Reported		Gold (ppb)	26.5	LOI1000
	Iridium (ppb)	Hafnium	7.075	
Iron (%)		Lanthanum	<20	
	Lutetium	Lutetium	6.075	
Mercury		Mercury	68.4	
	Molybdenum	Molybdenum	0.5	
Neodymium		Neodymium	nr	
	Nickel	Nickel	<1	
Potassium (%)		Potassium (%)	nr	
	Rubidium	Rubidium	27.45	
Samarium		Samarium	67.8	
	Scandium	Scandium	10.3	
Selenium		Scandium	21.75	
	Silver	Selenium	<5	
Sodium (%)		Silver	<2	
	Strontium	Sodium (%)	2.415	
Tantalum		Strontium	nr	
	Tellurium	Tantalum	0.999	
Terbium		Tellurium	<5	
	Thorium	Terbium	1.61	
Tin		Thorium	22.65	
	Tungsten	Tin	<100	
Uranium		Tungsten	1.54	
	Ytterbium	Uranium	3.055	
Zinc		Ytterbium	4.045	
	Zirconium	Zinc	112	
		Zirconium	380	

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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