

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

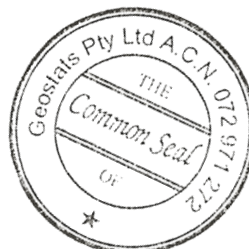
Certified Low Level Gold Reference Material Product Code

GLG305-3

Certified Control Values

Low Level Gold

Gold Grade 55.48 ppb
Standard Deviation 6.15 ppb
Confidence Interval +/- 1.12 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-2005, October-2005 & October-2006 round robins. A total of 120 gold assays were used to certify this material.	Antimony	1.813	Fe
<u>Material Description</u> This material is described as a Composite gold ore and waste Eastern Goldfields.	Arsenic	0.344	SiO ₂	nr
	Barium	60.3	Al ₂ O ₃	nr
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is pale red in colour.	Bromine	0.198	TiO ₂	nr
	Cadmium	<5	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	32.45	CaO	nr
	Calcium (%)	nr	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	9.875	S	nr
	Chromium	87.325	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	31.9	K ₂ O	nr
	Europium	0.904	Na ₂ O	nr
<u>Stability</u> This product remains stable in its original packaging, away from direct sunlight.	Gold (ppb)	61.05	LOI1000	nr
	Hafnium	2.34		
<u>Material Safety</u> This product is not hazardous and non-toxic.	Iridium (ppb)	<50	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	
	Iron (%)	3.755	nr: Not Reported	
	Lanthanum	4.238		
	Lutetium	0.245		
	Mercury	1.17		
	Molybdenum	8.075		
	Neodymium	6.49		
	Nickel	51.25		
	Potassium (%)	2.84		
	Rubidium	1004		
	Samarium	2.285		
	Scandium	12.9		
	Selenium	0.78		
	Silver	<2		
	Sodium (%)	1.363		
	Strontium	<9.49		
	Tantalum	0.41		
	Tellurium	<10		
	Terbium	0.463		
	Thorium	0.705		
	Tin	<100		
	Tungsten	<1.2		
	Uranium	0.337		
	Ytterbium	1.255		
	Zinc	85.15		
	Zirconium	<200		

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