

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

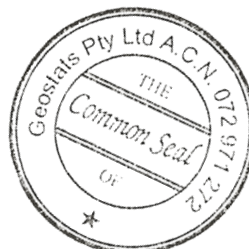
Certified Low Level Gold Reference Material Product Code

GLG901-1

Certified Control Values

Low Level Gold

Gold Grade 18.99 ppb
Standard Deviation 3.80 ppb
Confidence Interval +/- 0.47 ppb



CRM Details

Control Statistic Details	Neutron Activation Analysis Results (ppm, unless otherwise noted)		Major Elements by Fusion / XRF (%)	
	Control statistics were produced from results accumulated in the October-2001, October-2002, October-2003, April-2004, October-2005, April-2006 & October-2006 round robins. A total of 257 gold assays were used to certify this material.	Antimony	1.267	Fe
Material Description This material is described as a Basalt milled SW Western Australia.	Arsenic	13.166	SiO ₂	nr
	Barium	37.4	Al ₂ O ₃	nr
Colour Designation (ISCC-NBS, SP440) This material is grayish orange pink in colour.	Bromine	0.295	TiO ₂	nr
	Cadmium	<5	MnO	nr
Usage This product is for use in the mining industry as a reference material for monitoring and testing the accuracy of laboratory assaying.	Caesium	26.3	CaO	nr
	Calcium (%)	1.788	P	nr
Preparation and Packaging 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	8.466	S	nr
	Chromium	58.856	MgO	nr
Assay Testwork 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	27.433	K ₂ O	nr
	Europium	0.465	Na ₂ O	nr
Stability This product remains stable in its original packaging, away from direct sunlight.	Gold (ppb)	19.327	LOI1000	nr
	Hafnium	5.15	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	
Iridium (ppb)	<50			
Material Safety This product is not hazardous and non-toxic.	Iron (%)	2.657	nr: Not Reported	
	Lanthanum	2.827		
	Lutetium	0.21		
	Mercury	nr		
	Molybdenum	8.675		
	Neodymium	9.32		
	Nickel	<100		
	Potassium (%)	3.893		
	Rubidium	970.125		
	Samarium	1.418		
	Scandium	8.392		
	Selenium	<5		
	Silver	<2		
	Sodium (%)	1.416		
	Strontium	<8.91		
	Tantalum	<0.5		
	Tellurium	<10		
	Terbium	<0.5		
	Thorium	0.571		
	Tin	<100		
	Tungsten	<1		
	Uranium	0.329		
	Ytterbium	0.948		
	Zinc	50.95		
	Zirconium	<500		

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