

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

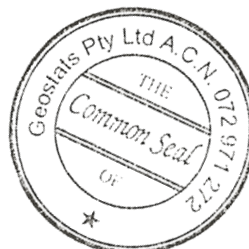
Certified Low Level Gold Reference Material Product Code

GLG302-5

Certified Control Values

Low Level Gold

Gold Grade 21.95 ppb
Standard Deviation 4.67 ppb
Confidence Interval +/- 0.98 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 April-2002, April-2003 & April-2008 round robins. A total of 90 gold assays were used to certify this material.	Antimony	131.25	Fe
Material Description This material is described as a Milled Ferruginous Gossan Murchison W.Aust.	Arsenic	46.875	SiO ₂	nr
	Barium	138.75	Al ₂ O ₃	nr
Colour Designation (ISCC-NBS, SP440) This material is very dark red in colour.	Bromine	0.86	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	<0.5	CaO	nr
	Calcium (%)	<1	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	27.4	S	nr
	Chromium	52.175	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	25.325	K ₂ O	nr
	Europium	1.55	Na ₂ O	nr
Stability This product remains stable in its original packaging, away from direct sunlight.	Gold (ppb)	23.625	LOI1000	nr
	Hafnium	<1	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 (%)	65.825	nr: Not Reported	
	Lanthanum	10.548		
	Lutetium	<0.2		
	Mercury	nr		
	Molybdenum	5		
	Neodymium	nr		
	Nickel	47		
	Potassium (%)	0.32		
	Rubidium	34.925		
	Samarium	2.15		
	Scandium	22.725		
	Selenium	<5		
	Silver	<2		
	Sodium (%)	0.035		
	Strontium	nr		
	Tantalum	<0.5		
	Tellurium	<10		
	Terbium	<0.5		
	Thorium	1.058		
	Tin	<100		
	Tungsten	38.65		
	Uranium	8.803		
	Ytterbium	0.89		
	Zinc	<100		
	Zirconium	<200		

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>

GLG302-5

Geostats Pty Ltd, Certified Low Level Gold Reference Material, Product Code: