

GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

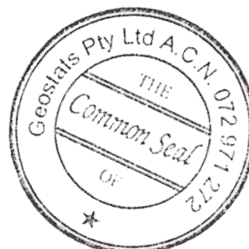
Certified Low Level Gold Reference Material Product Code

GLG302-3

Certified Control Values

Low Level Gold

Gold Grade 30.79 ppb
Standard Deviation 5.73 ppb
Confidence Interval +/- 1.09 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-2002, April-2003 & October-2004 round robins. A total of 110 gold assays were used to certify this material.	Antimony 3.415	Fe	nr
	Arsenic 1.12	SiO ₂	nr
	Barium <50	Al ₂ O ₃	nr
	Bromine <0.5	TiO ₂	nr
	Cadmium <5	MnO	nr
	Caesium 35.75	CaO	nr
	Calcium (%) <1	P	nr
	Cerium 2.858	S	nr
	Chromium 11.35	MgO	nr
	Cobalt <1	K ₂ O	nr
	Europium <0.5	Na ₂ O	nr
	Gold (ppb) 33	LOI1000	nr
	Hafnium 38.45		
	Iridium (ppb) <20	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes. 'nr': Not Reported	
	Iron (%) 1.663		
	Lanthanum 1.16		
	Lutetium <0.2		
	Mercury nr		
	Molybdenum <1		
	Neodymium nr		
	Nickel <10		
	Potassium (%) 4.6		
	Rubidium 1042.5		
	Samarium 0.255		
	Scandium 0.768		
	Selenium <5		
	Silver <5		
	Sodium (%) 1.218		
	Strontium nr		
	Tantalum <0.5		
	Tellurium <5		
	Terbium <0.5		
	Thorium 1.323		
	Tin <100		
	Tungsten <1		
	Uranium 1.1		
	Ytterbium 1.058		
	Zinc <100		
	Zirconium 1535		
<u>Material Description</u> This material is described as a Milled Soil Sample siliceous.			
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is pale reddish brown in colour.			
<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.			
<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.			
<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.			
<u>Stability</u> This product remains stable in its original packaging, away from direct sunlight.			
<u>Material Safety</u> This product is not hazardous and non-toxic.			

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

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>