

GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Low Level Gold Reference Material Product Code

GLG302-2

Certified Control Values

Low Level Gold

Gold Grade 16.67 ppb
Standard Deviation 3.85 ppb
Confidence Interval +/- 0.73 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-2006 & October-2007 round robins. A total of 111 gold assays were used to certify this material.	Antimony 17.65	Fe	nr
	Arsenic 8.325	SiO ₂	nr
	Barium 186.5	Al ₂ O ₃	nr
	Bromine 0.6	TiO ₂	nr
	Cadmium nr	MnO	nr
	Caesium 0	CaO	nr
	Calcium (%) <1	P	nr
	Cerium 12.05	S	nr
	Chromium 25.55	MgO	nr
	Cobalt 52.2	K ₂ O	nr
	Europium <0.2	Na ₂ O	nr
	Gold (ppb) 12	LOI1000	nr
	Hafnium 5.7		
	Iridium (ppb) <5	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 (%) 3.145		
	Lanthanum 5.33		
	Lutetium 0.39		
	Mercury nr		
	Molybdenum 24.35		
	Neodymium nr		
	Nickel <100		
	Potassium (%) 3.28		
	Rubidium 350.5		
	Samarium 1.25		
	Scandium 2.01		
	Selenium <3		
	Silver <2		
	Sodium (%) 1.68		
	Strontium nr		
	Tantalum 2.355		
	Tellurium <5		
	Terbium 0.9		
	Thorium 9.16		
	Tin <100		
	Tungsten <2		
	Uranium 3.105		
	Ytterbium 2.6		
	Zinc 55		
	Zirconium <500		
<u>Material Description</u> This material is described as a Milled Soil Sample.			
<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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