

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

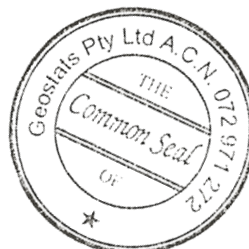
Certified Low Level Gold Reference Material Product Code

GLG315-5

Certified Control Values

Low Level Gold

Gold Grade 194.82 ppb
Standard Deviation 11.65 ppb
Confidence Interval +/- 2.47 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-2015 round robin. A total of 89 gold assays were used to certify this material.	Antimony 0.1	Fe	5.965
	Arsenic <1	SiO ₂	60.53
	Barium 370	Al ₂ O ₃	13.96
	Bromine <0.5	TiO ₂	1.34
	Cadmium <5	MnO	0.12
	Caesium 2.4	CaO	6.47
	Calcium (%) nr	P	0.067
	Cerium 43	S	0.036
	Chromium 130	MgO	3.62
	Cobalt 30	K ₂ O	1.79
	Europium 1.3	Na ₂ O	3.11
	Gold (ppb) 221	LOI1000	0.26
	Hafnium 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	
	Iridium (ppb) <50		
	Iron (%) 6.1		
	Lanthanum 21		
	Lutetium 0.3		
	Mercury nr		
	Molybdenum 8		
	Neodymium nr		
	Nickel 28		
	Potassium (%) nr		
	Rubidium 90		
	Samarium 5		
	Scandium 22.8		
	Selenium <10		
	Silver <1		
	Sodium (%) 2.36		
	Strontium nr		
	Tantalum 1.2		
	Tellurium nr		
	Terbium 1.1		
	Thorium 12.5		
	Tin nr		
	Tungsten 1		
	Uranium 6		
	Ytterbium 3		
	Zinc 125		
	Zirconium nr		
<u>Material Description</u> This material is described as a Low gold Copper ore.			
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is medium light gray 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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