

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Gold Reference Material Product Code

G994-2

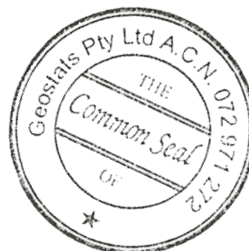
Certified Control Values

50 gram Fire Assay

Gold Grade 2.17 ppm
Standard Deviation 0.13 ppm
Confidence Interval +/- 0.035 ppm

Aqua Regia Digest

Gold Grade 2.12 ppm
Standard Deviation 0.17 ppm
Confidence Interval +/- 0.05 ppm



CRM Details

<u>Control Statistic Details</u>	<u>Neutron Activation</u>		<u>Major Elements by Fusion / XRF (%)</u>		
	<u>Analysis Results (ppm, unless otherwise noted)</u>				
Control statistics were produced from results accumulated in the October-1994 round robin. A total of 57 fire assay results and 48 results from an aqua regia technique were used to certify this material.	Antimony	nr	Fe	nr	
	Arsenic	nr	SiO ₂	nr	
	Barium	nr	Al ₂ O ₃	nr	
	Bromine	nr	TiO ₂	nr	
	Cadmium	nr	MnO	nr	
	Caesium	nr	CaO	nr	
	Calcium (%)	nr	P	nr	
	Cerium	nr	S	nr	
	Chromium	nr	MgO	nr	
	Cobalt	nr	K ₂ O	nr	
	Europium	nr	Na ₂ O	nr	
	Gold (ppb)	nr	LOI1000	nr	
	Hafnium	nr	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)	nr			
	Iron (%)	nr			
	Lanthanum	nr			
	Lutetium	nr			
	Mercury	nr			
	Molybdenum	nr			
	Neodymium	nr			
	Nickel	nr			
	Potassium (%)	nr			
	Rubidium	nr			
	Samarium	nr			
	Scandium	nr			
	Selenium	nr			
	Silver	nr			
	Sodium (%)	nr			
	Strontium	nr			
	Tantalum	nr			
	Tellurium	nr			
	Terbium	nr			
	Thorium	nr			
	Tin	nr			
	Tungsten	nr			
	Uranium	nr			
	Ytterbium	nr			
	Zinc	nr			
	Zirconium	nr			
<u>Material Description</u> This material is described as a nr.					
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is grayish orange pink 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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