

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Gold Reference Material Product Code

G906-2

Certified Control Values

50 gram Fire Assay

Gold Grade 2.46 ppm
Standard Deviation 0.11 ppm
Confidence Interval +/- 0.022 ppm

Aqua Regia Digest

Gold Grade 2.40 ppm
Standard Deviation 0.14 ppm
Confidence Interval +/- 0.043 ppm



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 October-2006 round robin. A total of 108 fire assay results and 44 results from an aqua regia technique were used to certify this material.	Antimony	0.747	Fe
<u>Material Description</u> This material is described as a Composite bulk ore. Minor sulphide with cap rock.	Arsenic	0.447	SiO ₂	nr
	Barium	124	Al ₂ O ₃	nr
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is grayish pink in colour.	Bromine	<0.174	TiO ₂	nr
	Cadmium	nr	MnO	nr
<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.	Caesium	66.6	CaO	nr
	Calcium (%)	nr	P	nr
<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.	Cerium	<5.08	S	nr
	Chromium	39.4	MgO	nr
<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.	Cobalt	10.1	K ₂ O	nr
	Europium	<0.367	Na ₂ O	nr
<u>Stability</u> This product remains stable in its original packaging, away from direct sunlight.	Gold (ppb)	2650	LOI1000	nr
	Hafnium	1.72		
<u>Material Safety</u> This product is not hazardous and non-toxic.	Iridium (ppb)	<10.7	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.	
	Iron (%)	1.96	nr: Not Reported	
	Lanthanum	2.26		
	Lutetium	0.168		
	Mercury	nr		
	Molybdenum	17.8		
	Neodymium	<5.15		
	Nickel	<6.31		
	Potassium (%)	nr		
	Rubidium	1610		
	Samarium	1.17		
	Scandium	6.36		
	Selenium	<2.81		
	Silver	18.1		
	Sodium (%)	1.07		
	Strontium	<10.5		
	Tantalum	0.598		
	Tellurium	nr		
	Terbium	<0.127		
	Thorium	0.498		
	Tin	<46.2		
	Tungsten	0.656		
	Uranium	0.315		
	Ytterbium	<0.481		
	Zinc	51		
	Zirconium	nr		

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>

G906-2

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