

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Gold Reference Material Product Code

G908-7

Certified Control Values

50 gram Fire Assay

Gold Grade 4.82 ppm
Standard Deviation 0.22 ppm
Confidence Interval +/- 0.042 ppm

Aqua Regia Digest

Gold Grade 4.77 ppm
Standard Deviation 0.33 ppm
Confidence Interval +/- 0.109 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-2008 round robin. A total of 107 fire assay results and 38 results from an aqua regia technique were used to certify this material.	Antimony	0.9	Fe	nr
	Arsenic	0.8	SiO ₂	nr
	Barium	320	Al ₂ O ₃	nr
	Bromine	0.6	TiO ₂	nr
	Cadmium	<5	MnO	nr
	Caesium	2.5	CaO	nr
	Calcium (%)	nr	P	nr
	Cerium	43	S	nr
	Chromium	74	MgO	nr
	Cobalt	29	K ₂ O	nr
	Europium	1	Na ₂ O	nr
	Gold (ppb)	5520	LOI1000	nr
	Hafnium	6		
	Iridium (ppb)	<50	Neutron Activation	
	Iron (%)	7.3	Analyses and Fusion /	
	Lanthanum	22	XRF Analyses are	
	Lutetium	0.5	single results and are	
	Mercury	nr	indicative only. These	
	Molybdenum	26	are provided for matrix	
	Neodymium	nr	identification	
	Nickel	29	purposes.	
	Potassium (%)	nr		
	Rubidium	100	'nr': Not Reported	
	Samarium	5.3		
	Scandium	24.8		
	Selenium	<5		
	Silver	6		
	Sodium (%)	2.48		
	Strontium	nr		
	Tantalum	3.5		
	Tellurium	<10		
	Terbium	0.9		
	Thorium	13		
	Tin	<100		
	Tungsten	5		
	Uranium	6.2		
	Ytterbium	3		
	Zinc	<100		
	Zirconium	250		
<u>Material Description</u> This material is described as a Low sulphide ROM ore.				
<u>Colour Designation (ISCC-NBS, SP440)</u> This material is light brownish 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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