

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Multi-Element Reference Material Product Code

GBMS304-6

Certified Control Values

Analyses

Element	Grade	Standard Deviation	No of Analyses	Confidence Interval
Au - FA (ppm)	4.58	0.19	175	+/- 0.03
Au - AR (ppm)	4.35	0.33	101	+/- 0.06
Silver (ppm)	6.1	0.8	169	+/- 0.12
Copper (ppm)	4241	215	198	+/- 30
Lead (ppm)	351	27	180	+/- 3.87
Zinc (ppm)	1265	90	188	+/- 12.83
Nickel (ppm)	2165	151	167	+/- 22.85
Arsenic (ppm)	2660	170	161	+/- 26.31
Cobalt (ppm)	118	13	160	+/- 2.06
Sulphur (%)	2.01	0.10	163	+/- 0.02

CRM Details

Control Statistic Details

Control statistics were produced from results accumulated in the :
April-2004 Geostats Pty Ltd Laboratory Round Robin Program.
101 laboratories (at least) tested this material for base metal content.

Source Material

Prior to homogenisation and testing, this material was sourced from Transitional Gold Ore ex Eastern Goldfields

Colour Designation

Pale yellowish brown

Usage

This product is for use in the mining industry as reference materials for monitoring and testing the accuracy of laboratory assaying.

Preparation and Packaging

All standards are dried in an oven for a minimum of 12 hours at 110C. 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.

Assay Testwork

All standards are tested thoroughly in the Geostats bi-annual laboratory survey. This involves assaying by a minimum of 50 reputable laboratories selected from across the world using a variety of methods (including FA, AR, 3AD, 4AD and ICP, AAS and XRF). 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.

Neutron Activation

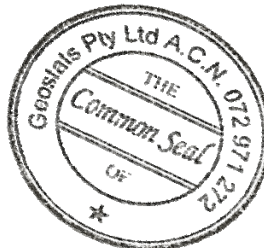
Analysis Results (ppm)

Antimony	174
Arsenic	2674
Barium	586
Bromine	-1
Cadmium	nr
Cerium	56
Caesium	3
Chromium	372
Cobalt	124
Europium	1
Gold ppb	4429
Hafnium	3
Iridium ppb	-20
Iron %	6
Lanthanum	29
Lutetium	0
Molybendum	-10
Nickel	nr
Rubidium	84
Samarium	5
Scandium	16
Selenium	-4
Sodium %	1
Tantalum	-1
Tellurium	-5
Terbium	nr
Thorium	8
Tin	nr
Tungsten	22
Uranium	5
Ytterbium	2
Zinc	1288
Zirconium	-500
Calcium%	7
Potassium %	1
Silver	-5
Mercury	nr
Neodymium	nr
Strontium	nr

Major Elements

Fusion / XRF (%)

Fe	nr
SiO2	nr
Al2O3	nr
TiO2	nr
MnO	nr
CaO	nr
P	nr
S	nr
MgO	nr
K2O	nr
Na2O	nr
LOI1000	nr



10A Marsh Close, 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>

GBMS304-6

Geostats Pty Ltd, Certified Multi-Element Reference Material, Product Code :