

GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

GU-02

Certified Uranium Reference Material Product Code:

GU-02

Certified Control Values

Element	Grade	Standard Deviation	No of Analyses	Confidence Interval
Uranium (ppm)	218	9	30	+/- 3.1
Copper (ppm)	19100	452	48	+/- 128
Iron (%)	37.4	2.3	50	+/- 0.64

CRM Details

Control Statistic Details

Control values for this material were determined during a dedicated certification program.

Analyses on this material are expected to be within 3 times the standard deviation of the average grade.

The confidence interval is an indication of the quality of testwork on the material and the quality of the material itself, not to be confused with the control limits for assaying.

Description of Source Material

Iron Ore / Copper / Gold / South east QLD

Colour Designation

Light gray

Usage

This product is for use in the mining industry as a reference material 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 heat sealed, air tight, plastic packets ready for distribution. All packaging has been chosen to ensure minimal contamination from outside sources during shipment, use and storage.

Assay Testwork

This reference material was tested in a dedicated certification program. 10 x 10g pulp sub-samples were sent to laboratories for analysis. Assay distributions were checked and processed statistically, producing monitoring statistics for this reference material. Samples of the material are tested regularly to ensure stability and homogeneity.

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