

GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Gold, Platinum and Palladium Reference Material Product Code:

GPP-01

Certified Control Values

Element	Grade	Standard Deviation	No of Analyses	Confidence Interval
Gold (ppb)	905	68	70	+/- 16
Platinum (ppb)	965	36	75	+/- 8
Palladium (ppb)	734	31	68	+/- 7.3

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

Composite Platinum, Minor Sulphide

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 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

This reference material was tested in a dedicated certification program. 5 x 50g pulp sub-samples were sent to 15 laboratories for fire assay analyses. 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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