

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

## Certified Pulp Graphite Reference Material

# GGC-09

## Certified Control Values

Element	Units	Grade	Standard Deviation	No of Analyses	95% Confidence Interval
Graphitic Carbon	%	2.41	0.27	50	+/- 0.08
Total Carbon	%	2.95	0.10	48	+/- 0.03
Total Sulphur	%	4.59	0.13	50	+/- 0.04

## CRM Details

### Control Statistic Details

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

### Certification Date

This material was certified with the above values on:  
20/05/2013

### Source Material

Prior to homogenisation and testing, this material was sourced from:  
Flake graphite, Halls Creek, Western Australia

### Material Type

Pulp Graphite Ore, 10g samples.

### 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

This reference material was dried in an oven for a minimum of 8 hours at 90C. The dry material is then pulverised in a bowl and puck mill and homogenised in a vee-blender. The material is then 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 standard was tested in a dedicated certification program. 10 x 10g samples were sent to 5 laboratories for analysis using a leach process (for graphitic carbon) and a carbon / sulphur analyser. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

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