

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

## Certified Sulphur Reference Material Product Code

# GS399-1

## Certified Control Values

### Sulphur Analyses

Sulphur Grade	16.32 %
Standard Deviation	0.72 %
Confidence Interval	+/- 0.177 %

### Carbon Analyses

Carbon Grade	nr %
Standard Deviation	nr %
Confidence Interval	nr %



## CRM Details

### Control Statistic Details

Control statistics were produced from results accumulated in the :

<u>April-1999</u>	Geostats Pty Ltd Laboratory Round Robin Program.
<u>67</u>	laboratories tested this material for sulphur content.
<u>nr</u>	laboratories tested this material for carbon content.

### Source Material

Prior to homogenisation and testing, this material was sourced from  
Lead/Zinc ore

### 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 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 heat sealed, air tight, plastic pulp packets ready for distribution. All packaging has been specifically 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 30 reputable laboratories selected from across 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.

10A Marsh Close, O'Connor, Western Australia 6163  
Phone : +61 8 9314 2566, Fax : +61 8 9314 3699  
e-mail : [pjh@geostats.com.au](mailto:pjh@geostats.com.au), [srr@geostats.com.au](mailto:srr@geostats.com.au)  
Website <http://www.geostats.com.au>

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