GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Sulphur and Carbon Reference Material Product Code

GS917-1

Certified Control Values

Sulphur

Sulphur Grade	7.33 %
Standard Deviation	0.35 %
Confidence Interval	+/- 0.07 %

Carbon

Carbon Grade	0.47 %
Standard Deviation	0.03 %
Confidence Interval	+/- 0.008 %

CRM Details

Control Statistic Details

Control statistics were produced from results accumulated in the October-2017 round robin. A total of 98 sulphur results and 71 carbon results were used to certify this material.

Material Description

This material is described as a Nickel filtercake concentrate.

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 CRMs 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 or foil lined pulp packets 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 multiple laboratories from around 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.

Stability

This product remains stable in its original packaging, away from direct sunlight.

Material Safety

This product is not hazardous and non-toxic.

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