# GEOSTATS PTY LTD

**Mining Industry Consultants**
**Reference Material Manufacture and Sales**

**Certified Sulphur and Carbon Reference Material Product Code**

# GS901-2

**Certified Control Values**

**Sulphur**

| | |
|---|---|
| Sulphur Grade | 6.59 % |
| Standard Deviation | 0.23 % |
| Confidence Interval | +/- 0.044 % |

**Carbon**

| | |
|---|---|
| Carbon Grade | 0.30 % |
| Standard Deviation | 0.04 % |
| Confidence Interval | +/- 0.012 % |

**CRM Details**

**Control Statistic Details**

Control statistics were produced from results accumulated in the October-2001 & October-2009 round robins. A total of 108 sulphur results and 40 carbon results were used to certify this material.

**Material Description**

This material is described as a High Grade Gold Ore.

**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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