

**GEOSTATS PTY LTD**  
Mining Industry Consultants  
Reference Material Manufacture and Sales

Certified Pulp Bauxite Reference Material

**GBAP-19**

Certified Control Values

| Analyte                        | Units | Grade | Standard Deviation | No of Analyses | 95% Confidence Interval |
|--------------------------------|-------|-------|--------------------|----------------|-------------------------|
| SiO <sub>2</sub>               | %     | 12.54 | 0.09               | 60             | +/- 0.03                |
| Al <sub>2</sub> O <sub>3</sub> | %     | 50.86 | 0.17               | 59             | +/- 0.05                |
| CaO                            | %     | 0.026 | 0.005              | 60             | +/- 0.002               |
| Fe <sub>2</sub> O <sub>3</sub> | %     | 9.12  | 0.05               | 60             | +/- 0.02                |
| K <sub>2</sub> O               | %     | 0.094 | 0.004              | 60             | +/- 0.002               |
| Na <sub>2</sub> O              | %     | 0.102 | 0.011              | 50             | +/- 0.004               |
| P <sub>2</sub> O <sub>5</sub>  | %     | 0.046 | 0.004              | 60             | +/- 0.001               |
| SO <sub>3</sub>                | %     | 0.10  | 0.01               | 60             | +/- 0.01                |
| TiO <sub>2</sub>               | %     | 2.75  | 0.04               | 60             | +/- 0.01                |
| V <sub>2</sub> O <sub>5</sub>  | %     | 0.037 | 0.004              | 60             | +/- 0.001               |
| LOI1000                        | %     | 24.26 | 0.09               | 60             | +/- 0.03                |

CRM Details

Control Statistic Details

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

Certification Date

This material was certified with the above values on the 31st August 2026.

Source Material

Prior to homogenisation and testing, this material was sourced from:  
Cape York, Queensland

Material Type

Pulp Bauxite 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 105C. The dry material is then pulverised in puck-and-bowl mills 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 20g samples were sent to 6 laboratories for fusion / XRF and TGA analyses.

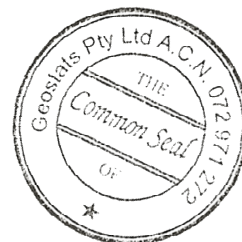
Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

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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**Geostats Pty Ltd, Certified Bauxite Reference Material, Product Code:**