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GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Pulp Bauxite Reference Material - GBAP-13

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
SiO2	%	34.6	0.2	50	+/- 0.06
Al2O3	%	36.92	0.13	50	+/- 0.04
CaO	%	0.02			
Fe2O3	%	7.487	0.05	50	+/- 0.014
K2O	%	0.1004	0.002	50	+/- 0.0006
MgO	%	0.0159	0.0076	37	+/- 0.0026
Na2O	%	0.018			
P2O5	%	0.031	0.0065	49	+/- 0.0019
SO3	%	0.1032	0.0045	50	+/- 0.0013
TiO2	%	0.7516	0.0087	50	+/- 0.0025
MnO	%	0.01			
BaO	%	<0.01			
ZrO2	%	0.071	0.0063	48	+/- 0.0018
V2O5	%	0.024	0.0041	50	+/- 0.0012
Cr2O3	%	0.011	0.0029	35	+/- 0.001
LOI1000	%	19.92	0.081	50	+/- 0.023

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: 1/12/2010

Source Material

Prior to homogenisation and testing, this material was sourced from
Darling Range, Western Australia

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

This certified reference material was dried in an oven for a minimum of 8 hours at 105°C. The dry material was pulverised in a "puck and bowl" and then homogenised in a vee-blender. The material is then packaged into 10g plastic packets, ready for shipment.

Certification Testwork

This certified reference material was tested in a dedicated certification program. 10 samples were sent to 5 laboratories for XRF analyses. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.