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GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Pulp Bauxite Reference Material - GBAP-8

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
SiO2	%	16.41	0.089	46	+/- 0.027
Al2O3	%	43.38	0.14	50	+/- 0.04
CaO	%	0.022			
Fe2O3	%	18.341	0.079	49	+/- 0.023
K2O	%	0.0654	0.0058	50	+/- 0.0017
MgO	%	0.0328	0.0072	40	+/- 0.0023
Na2O	%	0.022	0.011	33	+/- 0.004
P2O5	%	0.0317	0.0066	50	+/- 0.0019
SO3	%	0.2271	0.0055	50	+/- 0.0016
TiO2	%	1.023	0.011	50	+/- 0.003
MnO	%	<0.02			
BaO	%	<0.02			
ZrO2	%	0.0438	0.0068	47	+/- 0.002
V2O5	%	0.0667	0.0037	50	+/- 0.0011
Cr2O3	%	0.064	0.0044	50	+/- 0.0013
LOI1000	%	20.4	0.13	50	+/- 0.04

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.