

Certified Pulp Iron Ore Reference Material - GIOP-76

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
Fe	%	59.2	0.12	50	+/- 0.03
Fe (Calc)	%	59.206	0.082	50	+/- 0.024
SiO2	%	4.02	0.02	46	+/- 0.006
Al2O3	%	2.435	0.02	50	+/- 0.006
TiO2	%	0.1096	0.0041	49	+/- 0.0012
Mn	%	0.0577	0.0031	49	+/- 0.0009
CaO	%	0.0324	0.0043	49	+/- 0.0013
P	%	0.1237	0.0022	50	+/- 0.0006
S	%	0.0092	0.0022	50	+/- 0.0006
MgO	%	0.051	0.011	50	+/- 0.003
K2O	%	0.0092			
Zn	%	0.0019			
Pb	%	0.0047			
Cu	%	0.0031			
Ba	%	0.0024			
V	%	0.0026			
Cr	%	0.003			
Cl	%	0.0028			
As	%	0.0026			
Ni	%	0.0047			
Co	%	0.0019			
Sn	%	0.0047			
Sr	%	0.0023			
Zr	%	0.0037			
Na	%	0.013			
LOI425	%	7.371	0.054	49	+/- 0.016
LOI650	%	7.985	0.056	49	+/- 0.016
LOI	%	8.236	0.049	46	+/- 0.015

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: 1/02/2011

Source Material

Prior to homogenisation and testing, this material was sourced from Pilbara

Usage

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Email info@geostats.com.au
Website <http://www.geostats.com.au>

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

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.