

Certified Pulp Iron Ore Reference Material - GIOP-106

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
Fe	%	34.98	0.14	48	+/- 0.04
SiO2	%	47.55	0.24	49	+/- 0.07
Al2O3	%	0.0458	0.0066	45	+/- 0.002
TiO2	%	0.01			
Mn	%	0.0175	0.0021	41	+/- 0.0007
CaO	%	1.504	0.016	50	+/- 0.005
P	%	0.1005	0.0015	50	+/- 0.0004
S	%	0.0262	0.0031	49	+/- 0.0009
MgO	%	1.692	0.017	47	+/- 0.005
K2O	%	0.0082			
Zn	%	0.0039	0.0032	30	+/- 0.0012
Pb	%	0.0026			
Cu	%	0.0046			
Ba	%	0.0056			
V	%	<0.01			
Cr	%	0.0016			
Cl	%	0.0052			
As	%	0.0043			
Ni	%	0.0027			
Co	%	0.0034			
Sn	%	0.0029			
Sr	%	0.006			
Zr	%	0.002			
Na	%	0.0131	0.0055	39	+/- 0.0018
LOI425	%	-0.151	0.05	39	+/- 0.016
LOI650	%	-0.848	0.07	36	+/- 0.024
LOI	%	-1.151	0.038	48	+/- 0.011

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: 20/07/2011

Source Material

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

Usage

10A Marsh Close, O'Connor
Western Australia 6163
Phone +618 93142566 Fax +618 93143699
Email info@geostats.com.au
Website <http://www.geostats.com.au>

<p>GEOSTATS PTY LTD</p> <p>Mining Industry Consultants Reference Material Manufacture and Sales</p>
--

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.