

Certified Pulp Iron Ore Reference Material - GIOP-103

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
Fe	%	27.186	0.067	40	+/- 0.022
SiO ₂	%	55.26	0.5	50	+/- 0.14
Al ₂ O ₃	%	0.722	0.019	48	+/- 0.006
TiO ₂	%	0.0278	0.0042	46	+/- 0.0013
Mn	%	0.0909	0.0013	47	+/- 0.0004
CaO	%	3.065	0.023	50	+/- 0.007
P	%	0.0474	0.0011	50	+/- 0.0003
S	%	0.768	0.026	47	+/- 0.008
MgO	%	2.368	0.018	49	+/- 0.005
K ₂ O	%	0.0476	0.0042	50	+/- 0.0012
Zn	%	0.0072	0.003	40	+/- 0.001
Pb	%	0.0036			
Cu	%	0.0067	0.0034	31	+/- 0.0013
Ba	%	0.0041			
V	%	0.0018			
Cr	%	0.0022			
Cl	%	0.0155	0.003	42	+/- 0.001
As	%	0.008			
Ni	%	0.004			
Co	%	0.0034			
Sn	%	0.0022			
Sr	%	0.0075			
Zr	%	0.0028			
Na	%	0.0496	0.0073	50	+/- 0.0021
LOI ₄₂₅	%	-0.066	0.07	40	+/- 0.023
LOI ₆₅₀	%	-0.396	0.074	40	+/- 0.024
LOI	%	-0.705	0.043	50	+/- 0.012

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>



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.