

Certified Pulp Iron Ore Reference Material - GIOP-55

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
Fe	%	62.8	0.15	50	+/- 0.04
Fe (Calc)	%	62.789	0.094	50	+/- 0.027
SiO ₂	%	4.085	0.069	49	+/- 0.02
Al ₂ O ₃	%	2.18	0.025	48	+/- 0.007
TiO ₂	%	0.0977	0.0044	50	+/- 0.0013
Mn	%	0.0798	0.004	50	+/- 0.0011
CaO	%	0.0393	0.0055	50	+/- 0.0016
P	%	0.0755	0.0018	50	+/- 0.0005
S	%	0.0223	0.0021	50	+/- 0.0006
MgO	%	0.047	0.01	47	+/- 0.003
K ₂ O	%	0.0131	0.0027	47	+/- 0.0008
Zn	%	0.0024			
Pb	%	0.0074			
Cu	%	0.0042			
Ba	%	0.0053			
V	%	0.0026			
Cr	%	0.00528	0.00088	37	+/- 0.0003
Cl	%	0.015	0.02	35	+/- 0.007
As	%	0.004			
Ni	%	0.0036			
Co	%	0.006	0.01	30	+/- 0.004
Sn	%	0.0034			
Sr	%	0.0029			
Zr	%	0.0033			
Na	%	0.0155	0.005	33	+/- 0.0018
LOI ₄₂₅	%	2.547	0.047	50	+/- 0.014
LOI ₆₅₀	%	3.136	0.062	50	+/- 0.018
LOI	%	3.389	0.059	49	+/- 0.017

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
 Pilbara

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.