

Certified Pulp Iron Ore Reference Material - GIOP-62

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
Fe	%	61.32	0.17	50	+/- 0.05
Fe (Calc)	%	61.347	0.094	48	+/- 0.028
SiO ₂	%	4.282	0.062	46	+/- 0.019
Al ₂ O ₃	%	2.254	0.032	48	+/- 0.009
TiO ₂	%	0.1586	0.0067	50	+/- 0.0019
Mn	%	0.308	0.013	49	+/- 0.004
CaO	%	0.0616	0.0065	50	+/- 0.0019
P	%	0.0538	0.0015	50	+/- 0.0004
S	%	0.0348	0.0012	47	+/- 0.0003
MgO	%	0.085	0.011	50	+/- 0.003
K ₂ O	%	0.048	0.0052	50	+/- 0.0015
Zn	%	0.0062	0.0015	38	+/- 0.0005
Pb	%	0.0071			
Cu	%	0.0055			
Ba	%	0.0075	0.0024	31	+/- 0.0009
V	%	0.02073	0.00097	50	+/- 0.00028
Cr	%	0.0143	0.0025	49	+/- 0.0007
Cl	%	0.0177	0.0047	50	+/- 0.0013
As	%	0.0068	0.0017	38	+/- 0.0006
Ni	%	0.0052			
Co	%	0.0037			
Sn	%	0.0042			
Sr	%	0.0031			
Zr	%	0.004			
Na	%	0.0202	0.0072	50	+/- 0.0021
LOI ₄₂₅	%	3.829	0.045	49	+/- 0.013
LOI ₆₅₀	%	4.426	0.041	50	+/- 0.012
LOI	%	4.71	0.049	50	+/- 0.014

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.