

Certified Pulp Iron Ore Reference Material - GIOP-126

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
Fe	%	49.61	0.1	58	+/- 0.03
Fe Calc	%	49.599	0.092	58	+/- 0.024
SiO2	%	17.929	0.086	57	+/- 0.023
Al2O3	%	3.382	0.026	59	+/- 0.007
TiO2	%	0.1332	0.0053	60	+/- 0.0014
Mn	%	0.2981	0.0086	60	+/- 0.0022
CaO	%	0.2734	0.0082	60	+/- 0.0021
P	%	0.1013	0.0022	60	+/- 0.0006
S	%	0.0365	0.0023	60	+/- 0.0006
MgO	%	0.2738	0.009	60	+/- 0.0024
K2O	%	0.0955	0.0051	60	+/- 0.0013
Zn	%	0.00521	0.00053	40	+/- 0.00017
Pb	%	0.0026			
Cu	%	0.003	0.0023	30	+/- 0.0009
Ba	%	0.0091	0.002	35	+/- 0.0007
V	%	0.00211	0.00059	30	+/- 0.00022
Cr	%	0.0018			
Cl	%	0.0089	0.0026	59	+/- 0.0007
As	%	0.0053	0.0017	38	+/- 0.0006
Ni	%	0.0037	0.003	40	+/- 0.001
Co	%	0.003	0.0025	30	+/- 0.0009
Sn	%	0.017			
Sr	%	0.0027			
Zr	%	0.0049	0.0013	30	+/- 0.0005
Na	%	0.0284	0.0067	58	+/- 0.0018
LOI425	%	4.858	0.054	60	+/- 0.014
LOI650	%	5.975	0.042	57	+/- 0.011
LOI1000	%	6.192	0.035	58	+/- 0.009

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: 19/02/2013

Source Material

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

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 6 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.