

Certified Pulp Iron Ore Reference Material - GIOP-124

Certificate of Analysis

Analyte	Units	Average	Standard Deviation	Count	95% Confidence Interval
Fe	%	61.051	0.089	59	+/- 0.023
Fe Calc	%	61.042	0.058	58	+/- 0.015
SiO2	%	3.535	0.028	58	+/- 0.007
Al2O3	%	2.529	0.019	57	+/- 0.005
TiO2	%	0.0735	0.0044	59	+/- 0.0012
Mn	%	0.0769	0.0026	49	+/- 0.0008
CaO	%	0.0148	0.0041	50	+/- 0.0012
P	%	0.0667	0.0017	59	+/- 0.0004
S	%	0.0178	0.0017	59	+/- 0.0004
MgO	%	0.0679	0.0089	58	+/- 0.0024
K2O	%	0.012	0.0024	55	+/- 0.0006
Zn	%	0.0028	0.0014	39	+/- 0.0005
Pb	%	0.0025			
Cu	%	0.0021			
Ba	%	0.0036			
V	%	0.00096			
Cr	%	0.00166	0.00099	33	+/- 0.00036
Cl	%	0.0136	0.0032	58	+/- 0.0008
As	%	0.0014			
Ni	%	0.0022	0.0017	33	+/- 0.0006
Co	%	0.0027			
Sn	%	0.021			
Sr	%	0.0034	0.0026	38	+/- 0.0009
Zr	%	0.0028			
Na	%	0.0193	0.0048	47	+/- 0.0014
LOI425	%	5.498	0.044	59	+/- 0.012
LOI650	%	6.025	0.035	58	+/- 0.009
LOI1000	%	6.203	0.035	59	+/- 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.