

GEOSTATS PTY LTD

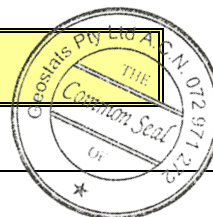
Mining Industry Consultants
Reference Material Manufacture and Sales

GI0C-8

Certified Coarse Iron Ore Reference Material

GI0C-8

Certified Control Values



Iron Ore Analyses

Element	Units	Grade	Standard Deviation	No of Analyses	95% Confidence Interval
Fe	%	57.28	0.13	50	+/- 0.04
Fe (Calc)	%	57.27	0.12	50	+/- 0.04
SiO ₂	%	5.38	0.02	36	+/- 0.01
Al ₂ O ₃	%	2.42	0.02	50	+/- 0.01
TiO ₂	%	0.147	0.006	50	+/- 0.002
Mn	%	0.072	0.004	50	+/- 0.002
CaO	%	0.120	0.008	50	+/- 0.003
P	%	0.040	0.001	49	+/- 0.001
S	%	0.014	0.002	50	+/- 0.001
MgO	%	0.145	0.010	50	+/- 0.003
K ₂ O	%	0.006	0.001	37	+/- 0.001
Zn	%	0.007	0.001	40	+/- 0.001
Pb	%	0.002			Indicative Only
Cu	%	0.001			Indicative Only
Ba	%	0.002			Indicative Only
V	%	0.003	0.001	40	+/- 0.001
Cr	%	0.002			Indicative Only
Cl	%	0.004			Indicative Only
As	%	0.002	0.000	31	+/- 0.001
Ni	%	0.002			Indicative Only
Co	%	0.001			Indicative Only
Sn	%	0.006			Indicative Only
Sr	%	0.051	0.003	50	+/- 0.001
Zr	%	0.005	0.003	38	+/- 0.001
Na	%	0.011			Indicative Only
LOI ₄₂₅	%	8.77	0.108	50	+/- 0.04
LOI ₆₅₀	%	9.41	0.09	50	+/- 0.03
LOI	%	9.66	0.10	50	+/- 0.03

CRM Details

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:
11th August 2014

Source Material

Prior to homogenisation and testing, this material was sourced from:
Pilbara Western Australia

Material Type

Coarse Iron Ore, 2kg samples.

Usage

This product is for use in the mining industry as reference materials for monitoring and testing the accuracy of laboratory assaying.

Preparation and Packaging

This standard was dried in an oven to remove excess moisture. The dry material was crushed and screened to attain a 100% <4mm product. The crushed material was homogenised in a drum blender and rotary split into 2kg packets.

Assay Testwork

This standard was tested in a dedicated certification program. 50 random samples were pulverised and then 10 x 10g pulp sub-samples were sent to 5 laboratories for analyses. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards.

20 Hines Road, O'Connor, Western Australia 6163

Phone : +61 8 9314 2566, Fax : +61 8 9314 3699

e-mail : pjh@geostats.com.au, srr@geostats.com.au

Website <http://www.geostats.com.au>

Geostats Pty Ltd, Certified Iron Ore Reference Material, Product Code: