

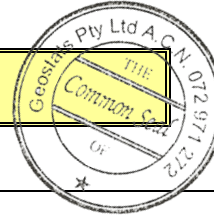
GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Coarse Iron Ore Reference Material

GI0C-9

Certified Control Values



GI0C-9

Iron Ore Analyses

Element	Units	Grade	Standard Deviation	No of Analyses	95% Confidence Interval
Fe	%	57.48	0.12	50	+/- 0.04
Fe (Calc)	%	57.47	0.11	50	+/- 0.04
SiO ₂	%	5.43	0.03	48	+/- 0.01
Al ₂ O ₃	%	2.39	0.01	50	+/- 0.01
TiO ₂	%	0.146	0.006	50	+/- 0.002
Mn	%	0.150	0.005	50	+/- 0.002
CaO	%	0.131	0.006	50	+/- 0.002
P	%	0.044	0.001	50	+/- 0.001
S	%	0.016	0.002	50	+/- 0.001
MgO	%	0.138	0.009	50	+/- 0.003
K ₂ O	%	0.010	0.001	49	+/- 0.001
Zn	%	0.007	0.001	40	+/- 0.001
Pb	%	0.002			Indicative Only
Cu	%	0.001			Indicative Only
Ba	%	0.003			Indicative Only
V	%	0.004	0.001	40	+/- 0.001
Cr	%	0.002			Indicative Only
Cl	%	0.004			Indicative Only
As	%	0.002	0.000	30	+/- 0.001
Ni	%	0.001			Indicative Only
Co	%	0.001			Indicative Only
Sn	%	0.002			Indicative Only
Sr	%	0.041	0.003	50	+/- 0.001
Zr	%	0.005	0.003	38	+/- 0.001
Na	%	0.012			Indicative Only
LOI ₄₂₅	%	8.32	0.103	50	+/- 0.03
LOI ₆₅₀	%	8.97	0.08	50	+/- 0.03
LOI	%	9.22	0.09	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.

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