

GEOSTATS PTY LTDMining Industry Consultants
Reference Material Manufacture and SalesCertified Reference Material**GV-09**Certified Control Values

Method	Element	Units	Grade	Standard Deviation	No of Analyses	95% Confidence Interval
4 Acid Digest / ICP	Ag	ppm	0.1	0.0	30	+/- 0.1
	Al	%	6.36	0.27	59	+/- 0.07
	As	ppm	3.0	1.4	45	+/- 0.5
	Ba	ppm	280	11	59	+/- 3
	Bi	ppm	0.1	0.0	42	+/- 0.1
	Ca	%	1.19	0.04	60	+/- 0.01
	Cd	ppm	0.2	0.0	40	+/- 0.1
	Ce	ppm	66.1	2.8	58	+/- 0.8
	Co	ppm	53.2	1.7	50	+/- 0.5
	Cr	ppm	167	34	60	+/- 9
	Cu	ppm	151	6	60	+/- 2
	Fe	%	14.7	0.3	50	+/- 0.1
	K	%	0.84	0.04	60	+/- 0.02
	La	ppm	27.6	1.0	60	+/- 0.3
	Li	ppm	13.9	0.7	50	+/- 0.2
	Mg	%	1.12	0.04	60	+/- 0.02
	Mn	ppm	1535	59	60	+/- 16
	Mo	ppm	1.3	0.6	60	+/- 0.2
	Na	%	0.56	0.02	60	+/- 0.01
	Ni	ppm	95	5	60	+/- 2
	P	ppm	783	146	60	+/- 38
	Pb	ppm	11	1	57	+/- 1
	S	ppm	96	8	42	+/- 3
	Sb	ppm	0.2	0.1	41	+/- 0.1
	Sc	ppm	39	3	60	+/- 1
	Sn	ppm	3.2	0.7	60	+/- 0.2
	Sr	ppm	77.1	1.9	60	+/- 0.5
	Te	ppm	0.1			
	Ti	ppm	nr			
	Tl	ppm	0.2	0.0	49	+/- 0.1
	V	ppm	610	120	60	+/- 32
	W	ppm	1.2	0.2	39	+/- 0.1
	Zn	ppm	182	6	60	+/- 2
Fusion / ICP	Ag	ppm	nr			
	Al	%	6.28	0.17	57	+/- 0.05
	As	ppm	5			
	Ba	ppm	275	8	60	+/- 3
	Bi	ppm	0.1			
	Ca	%	1.2	0.1	59	+/- 0.1
	Cd	ppm	0.3			
	Ce	ppm	63.7	3.5	60	+/- 0.9
	Co	ppm	52	3	44	+/- 1
	Cr	ppm	203	9	59	+/- 3
	Cu	ppm	151	7	47	+/- 2
	Fe	%	14.6	0.3	59	+/- 0.1
	K	%	0.8	0.1	60	+/- 0.1
	La	ppm	27.0	1.0	60	+/- 0.3
	Li	ppm	19	6	30	+/- 3
	Mg	%	1.15	0.03	59	+/- 0.01
	Mn	ppm	1551	40	60	+/- 11
	Mo	ppm	2	0	30	+/- 1
	Na	%	0.53	0.01	30	+/- 0.01
	Ni	ppm	97	3	44	+/- 1
	P	ppm	904	58	57	+/- 16
	Pb	ppm	11			
	S	%	0.01			
	Sb	ppm	1			
	Sc	ppm	39	2	50	+/- 1
	Sn	ppm	4	1	30	+/- 1
	Sr	ppm	80	6	60	+/- 2
	Te	ppm	1			
	Ti	%	3.91	0.13	60	+/- 0.04
	Tl	ppm	0.2	0.1	38	+/- 0.1
	V	ppm	660	109	60	+/- 29
	W	ppm	2			
	Zn	ppm	194	25	50	+/- 8

CRM DetailsControl Statistic Details

Control values for this material were determined during a certification program.

Certification DateThis material was certified with the above values on:
August 2026Source MaterialPrior to homogenisation and testing, this material was sourced from:
Sediment hosted, titanite.Material Type

Pulp Titanium Ore, 10g 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

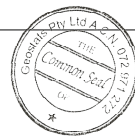
This reference material was dried in an oven for a minimum of 8 hours at 105°C. The dry material is then pulverised in a bowl and puck mill and homogenised in a vee-blender. The material is then stored in a sealed, stable container ready for final packaging.

Materials are statistically sampled from stores, then packaged into heat sealed, air tight, plastic packets ready for distribution.

All packaging has been chosen to ensure minimal contamination from outside sources during shipment, use and storage.

Assay Testwork

This standard was tested in a dedicated certification program. 10 x 20g samples were sent to 6 laboratories for 4 acid digest / ICP and fusion / ICP analyses. Assay distributions were checked and processed statistically, producing monitoring statistics for these standards.



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GV-09

Geostats Pty Ltd, Certified Vanadium Reference Material, Product Code: