

GEOSTATS PTY LTD

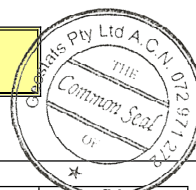
Mining Industry Consultants
Reference Material Manufacture and Sales

GSB-13

Certified Antimony Reference Material Product Code

GSB-13

Certified Control Values



Method	Analyte	Grade	Standard Deviation	No of Analyses	Confidence Interval
4 Acid Digest / ICP	Al (%)	7.42	0.12	54	+/- 0.04
	As (ppm)	1256	46	40	+/- 16
	Ca (%)	3.88	0.06	50	+/- 0.02
	K (%)	1.56	0.02	58	+/- 0.01
	Mg (%)	1.93	0.03	59	+/- 0.01
	Na (%)	1.85	0.05	50	+/- 0.02
	Ti (ppm)	7343	99	39	+/- 33
	Sb (ppm)	2988	83	40	+/- 27
	W (ppm)	228	19	48	+/- 6
	Y (ppm)	28.4	1.6	48	+/- 0.5
	Zn (ppm)	108	5	50	+/- 2
	Zr (ppm)	130	3	50	+/- 1
	Ag (ppm)	0.6	0.1	59	+/- 0.1
Fusion / ICP	Al (%)	7.49	0.07	39	+/- 0.03
	As (ppm)	1282	119	50	+/- 35
	Ca (%)	3.95	0.09	50	+/- 0.03
	K (%)	1.59	0.03	38	+/- 0.01
	Mg (%)	2.01	0.03	46	+/- 0.01
	Na (%)	1.81	nr	nr	nr
	Ti (ppm)	7500	103	49	+/- 30
	Sb (ppm)	3516	144	40	+/- 47
	W (ppm)	236	19	50	+/- 6
	Y (ppm)	31.0	2.1	50	+/- 0.6
	Zn (ppm)	107	6	40	+/- 3
	Zr (ppm)	141	3	37	+/- 1
	Ag (ppm)	<5	nr	nr	nr
Fire Assay	Au (ppb)	731	20	50	+/- 6
CSA	S (%)	0.28	0.01	50	+/- 0.01

CRM Details

Control Statistic Details

Control values for this material were determined during a dedicated certification program in 2024 and 2025.

Analyses on this material are expected to be within 3 times the standard deviation of the average grade.

The confidence interval is an indication of the quality of testwork on the material and the quality of the material itself, not to be confused with the control limits for assaying.

Description of Source Material

This material is described as Stibnite, basalt blend, ex NSW, Australia.

Usage

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

All standards are dried in an oven for a minimum of 6 hours at 105C. The dry material is then pulverised to 100% passing 75 micron using a puck and bowl pulveriser. The material is then homogenised and 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 reference material was tested in a dedicated certification program. 10 pulp sub-samples were sent to 6 laboratories for analysis. Assay distributions were checked and processed statistically, producing monitoring statistics for this reference material.

Stability

This product remains stable in its original packaging, away from direct sunlight.

Material Safety

This product is not hazardous and non-toxic.

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