

GEOSTATS PTY LTD
Mining Industry Consultants
Reference Material Manufacture and Sales

GTA-04

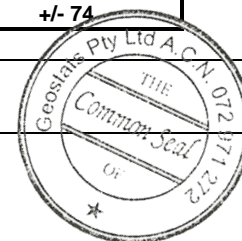
Certified Pulp Lithium and Tantalum Reference Material

GTA-04

Certified Control Values

Method	Element	Units	Grade	Standard Deviation	No of Analyses	95% Confidence Interval
4 Acid ICP	Al	%	8.11	0.18	50	+/- 0.06
	Ca	%	0.24	0.01	58	+/- 0.01
	Fe	%	1.38	0.05	58	+/- 0.02
	K	%	2.85	0.09	58	+/- 0.03
	Li	ppm	9275	213	60	+/- 56
	Mn	ppm	738	37	60	+/- 10
	Na	%	1.33	0.03	50	+/- 0.01
	Zn	ppm	103	3	49	+/- 1
Fusion ICP	Si	%	34.4	0.4	44	+/- 0.2
	Sn	ppm	148	Indicative Only		
	W	ppm	6.3	Indicative Only		
	Li	ppm	9550	246	47	+/- 74

CRM Details



Control Statistic Details

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

Certification Date

This material was certified with the above values on the 6th of January 2017.

Source Material

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

Material Type

Pulp Lithium and Tantalum 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 110C. 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. In late 2016, 10 x 20g samples were sent to 6 laboratories for 4 acid digest / ICP and fusion / ICP analyses.

Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

Stability

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

Material Safety

This product is not hazardous and non-toxic.

Geostats Pty Ltd, Certified Lithium and Tantalum Reference Material, Product Code:

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