

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

GTA-05

## Certified Pulp Lithium and Tantalum Reference Material

# GTA-05

### Certified Control Values

Method	Element	Units	Grade	Standard Deviation	No of Analyses	95% Confidence Interval
4 Acid ICP	Al	%	7.85		Indicative Only	
	Ca	%	0.17	0.01	58	+/- 0.01
	Fe	%	0.88		Indicative Only	
	K	%	2.29	0.08	60	+/- 0.03
	Li	ppm	8422	153	50	+/- 44
	Mn	ppm	749	34	59	+/- 9
	Na	%	2.27	0.05	50	+/- 0.02
	Zn	ppm	73	2	55	+/- 1
Fusion ICP	Si	%	34.5	0.9	48	+/- 0.3
	Sn	ppm	70		Indicative Only	
	W	ppm	6.7		Indicative Only	
	Li	ppm	8563	284	48	+/- 84

### 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.

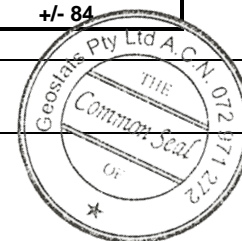
Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

#### Stability

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

#### Material Safety

This product is not hazardous and non-toxic.



20 Hines Road, O'Connor, Western Australia, 6163  
Phone : +61 8 9314 2566, Fax : +61 8 9314 3699  
e-mail : info@geostats.com.au  
Website : http://www.geostats.com.au

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