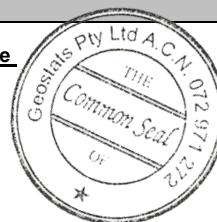


# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

## GBM323-5



### Certified Control Values

#### Total Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval
Nickel (ppm)	75	6	54	+/- 1.7
Copper (ppm)	14364	573	57	+/- 153.3
Zinc (ppm)	30969	898	51	+/- 255.1
Lead (ppm)	10556	537	52	+/- 151
Arsenic (ppm)	1257	80	57	+/- 21.4
Cobalt (ppm)	68	4	58	+/- 1.1
Silver (ppm)	19.0	1.1	54	+/- 0.31

#### Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval
Nickel (ppm)	65	5	52	+/- 1.4
Copper (ppm)	14392	363	58	+/- 96.2
Zinc (ppm)	30788	1356	43	+/- 422.2
Lead (ppm)	10663	634	49	+/- 183.9
Arsenic (ppm)	1246	69	59	+/- 18.2
Cobalt (ppm)	56	4	53	+/- 1.2
Silver (ppm)	19.3	1.5	73	+/- 0.35

### CRM Details

Control Statistic Details		Neutron Activation Analysis Results (ppm, unless otherwise noted)		Major Elements by Fusion / XRF (%)	
Control statistics were produced from results accumulated in the April-2023 round robin. The number of results used to certify each analyte is shown in the table above.		Antimony	439	Fe	6.38
		Arsenic	1300	SiO <sub>2</sub>	52.3
		Barium	164	Al <sub>2</sub> O <sub>3</sub>	12.68
		Bromine	<2	TiO <sub>2</sub>	1.102
		Cadmium	79.3	MnO	0.14
		Caesium	2	CaO	5.44
		Calcium (%)	nr	P	0.059
		Cerium	37	S	3.37
		Chromium	95.8	MgO	3.22
		Cobalt	71	K <sub>2</sub> O	1.72
		Europium	1.1	Na <sub>2</sub> O	3.044
		Gold (ppb)	1110	LOH1000	2.02
		Hafnium	<5	Neutron Activation Analyses and Fusion / XRF Analyses are single results and are indicative only. These are provided for matrix identification purposes.  'nr': Not Reported	
		Iridium (ppb)	<50		
		Iron (%)	7.3		
		Lanthanum	18		
		Lutetium	0.4		
		Mercury	nr		
		Molybdenum	31		
		Neodymium	nr		
		Nickel	<100		
		Potassium (%)	nr		
		Rubidium	86		
		Samarium	4.2		
		Scandium	20.1		
		Selenium	28.8		
		Silver	20		
		Sodium (%)	2.15		
		Strontium	nr		
		Tantalum	<2		
		Tellurium	<20		
		Terbium	<1		
		Thorium	9.9		
		Tin	<200		
		Tungsten	<2		
		Uranium	5		
		Ytterbium	2.2		
		Zinc	31000		
		Zirconium	<500		

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