

# GEOSTATS PTY LTD

Mining Industry Consultants  
Reference Material Manufacture and Sales

## Certified Base Metal Reference Material Product Code

# GBM999-10

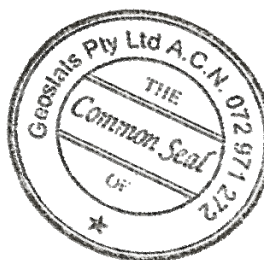
## Certified Control Values

### Base Metal Analyses

Element	Grade	Standard Deviation	No of Analyses	Confidence Interval
Nickel (ppm)	23	9	105	+/- 1.8
Copper (ppm)	564	39	135	+/- 6.7
Zinc (ppm)	22	7	110	+/- 1.3
Lead (ppm)	23	11	115	+/- 2.1
Arsenic (ppm)	9	14	50	+/- 4.1
Cobalt (ppm)	19	4	103	+/- 0.8
Silver (ppm)	0.7	0.4	70	+/- 0.1

## CRM Details

Control Statistic Details	Neutron Activation		Major Elements	
	Analysis Results (ppm)		Fusion / XRF (%)	
Control statistics were produced from results accumulated in the : <u>April-2004</u> Geostats Pty Ltd Laboratory Round Robin Program. <u>50</u> laboratories (at least) tested this material for base metal content.	Antimony	5.485	Fe	nr
	Arsenic	2.85	SiO <sub>2</sub>	nr
	Barium	187.5	Al <sub>2</sub> O <sub>3</sub>	nr
	Bromine	2.98	TiO <sub>2</sub>	nr
	Cadmium	nr	MnO	nr
	Cerium	68.5	CaO	nr
	Caesium	1.43	P	nr
	Chromium	64.9	S	nr
	Cobalt	18.35	MgO	nr
	Europium	0.835	K <sub>2</sub> O	nr
	Gold ppb	33.85	Na <sub>2</sub> O	nr
	Hafnium	22.35	LOI1000	nr
	Iridium ppb	<20		
	Iron %	3.26		
	Lanthanum	45.6		
	Lutetium	0.35		
	Molybdenum	<5		
	Nickel	nr		
	Rubidium	153		
	Samarium	4.8		
	Scandium	7.305		
	Selenium	<5		
	Sodium %	0.6395		
	Tantalum	2.14		
	Tellurium	<5		
	Terbium	nr		
	Thorium	18.2		
	Tin	nr		
	Tungsten	3.02		
	Uranium	6.02		
	Ytterbium	2.395		
	Zinc	<100		
	Zirconium	983		
	Calcium%	<1		
	Potassium %	2.205		
	Silver	<5		
	Mercury	nr		
	Neodymium	nr		
	Strontium	nr		



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