Ltd A Pty

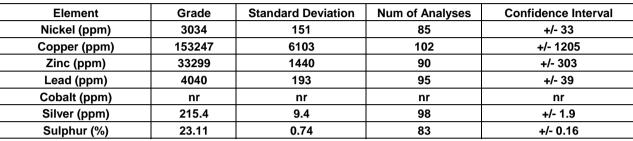
## **GEOSTATS PTY LTD**

**Mining Industry Consultants Reference Material Manufacture and Sales** 

Certified Ore Grade Base Metal Reference Material Product Code

# **GBM323-16**

#### **Certified Control Values**



Zinc (ppm)	33299	1440	90		+/- 303		
Lead (ppm)	4040	193	95		+/- 39		
Cobalt (ppm)	nr	nr	nr		nr		
Silver (ppm)	215.4	9.4	98		+/- 1.9		
Sulphur (%)	23.11	0.74	83		+/- 0.16		
				<del>- !</del>			
		CRM Details					
		<u></u>					
			Neutron Acti	vation	Major Elei	ments by	
Control Statistic Details	ntrol Statistic Details Analysis Results (pp		ults (ppm,	-			
Control statistics were produced from results accumulated in the April-2023			023 unless other	unless otherwise noted)			
round robin. The number of r	esults used to ce	rtify each analyte is shown in	the Antimony	152	Fe	22.43	
table above.			Arsenic	931	SiO <sub>2</sub>	15.86	
			Barium	<100	Al <sub>2</sub> O <sub>3</sub>	3.83	
Material Description			Bromine	<2	TiO <sub>2</sub>	0.21	
This material is described as a Composite Copper Sulphide Ore.			Cadmium	138	MnO	0.045	
			Caesium	<2	CaO	1.64	
			Calcium (%)	nr	Р	0.046	
Colour Designation (ISCC-NB	S, SP440)		Cerium	27	S	23.5	
This material is grayish black	in colour.		Chromium		MgO	0.985	
			Cobalt	484	K <sub>2</sub> O	0.432	
<u>Usage</u>			Europium	0.8	Na <sub>2</sub> O	0.78	
This product is for use in the mining industry as a reference material for				67100	LOI1000	17.97	
monitoring and testing the acc	Hafnium	<5					
			Iridium (ppb)	<50	Neutron Ac		
Preparation and Packaging			Iron (%)	23.1	Analyses ar		
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry				17			
material is then pulverised to better than 75 micron (nominal mean of 45 micron)				<0.2	-		
using an air classifier. The material is then homogenised and stored in a sealed,				nr			
stable container ready for fina	Molybdenum	1290	are provided for matrix				
			Neodymium	nr	identificatio	n	
Materials are statistically san	•			3200	purposes.		
sealed, air tight, plastic pulp p		•	,	nr			
for distribution. All packaging	has been chosen	to ensure minimal contamina	tion Rubidium	<20	'nr'· Not Rei	oorted	

for distribution. All packaging has been chosen to ensure minimal contamination from outside sources during shipment, use and storage.

### Assay Testwork

All standards are tested thoroughly in the Geostats bi-annual laboratory survey. This involves assaying by multiple laboratories from around the world. Results are compiled into a comprehensive report detailing statistics for each standard. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

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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unless otherwi				
Antimony	152	Fe	22.43	
Arsenic	931	SiO <sub>2</sub>	15.86	
Barium	<100	Al <sub>2</sub> O <sub>3</sub>	3.83	
Bromine	<2	TiO <sub>2</sub>	0.21	
Cadmium	138	MnO	0.045	
Caesium	<2	CaO	1.64	
Calcium (%)	nr	Р	0.046	
Cerium	27	S	23.5	
Chromium	176	MgO	0.985	
Cobalt	484	K <sub>2</sub> O	0.432	
Europium	0.8	Na <sub>2</sub> O	0.78	
Gold (ppb)	67100	LOI1000	17.97	
Hafnium	<5			
Iridium (ppb)	<50	Neutron Act	ivation	
Iron (%)	23.1	Analyses ar	nd Fusion /	
Lanthanum	17	XRF Analyses are		
Lutetium	<0.2	single results and are		
Mercury	nr	indicative only. These		
Molybdenum	1290	are provided for matrix		
Neodymium	nr	identification	า	
Nickel	3200	purposes.		
Potassium (%)	nr			
Rubidium	<20	'nr': Not Rep	orted	
Samarium	2.2			
Scandium	4.1			
Selenium	113			
Silver	235			
Sodium (%)	0.516			
Strontium	nr			
Tantalum	<2			
Tellurium	<20			
Terbium	2			
Thorium	<0.5			
Tin	<200			
Tungsten	52			
Uranium	4			
Ytterbium	<0.5			
Zinc	33500			
Zirconium	<500			

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