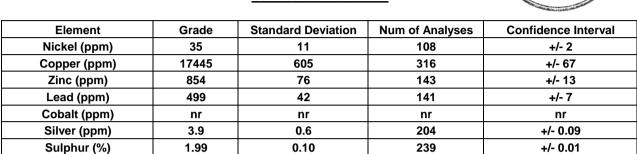
## **GEOSTATS PTY LTD**

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

Pry Ltd A. **Certified Ore Grade Base Metal Reference Material Product Code** 

## GBM923-11

## **Certified Control Values**



## **CRM Details**

	Neutron Activation Analysis Results (ppm,		Major Elements by Fusion / XRF (%)	
Control Statistic Details				
Control statistics were produced from results accumulated in the April-2011,	unless otherwise noted)			
October-2012, October-2023 round robins. The number of results used to certify	Antimony	8.9	Fe	6.98
each analyte is shown in the table above.	Arsenic	43	SiO <sub>2</sub>	57.5
•	Barium	350	Al <sub>2</sub> O <sub>3</sub>	12.86
Material Description	Bromine	<2	TiO <sub>2</sub>	1.139
This material is described as a Copper Sulphide ore.	Cadmium	82	MnO	0.11
	Caesium	2	CaO	6.12
	Calcium (%)	nr	Р	0.062
Colour Designation (ISCC-NBS, SP440)	Cerium	35	S	1.95
This material is medium light gray in colour.	Chromium	91	MgO	3.04
	Cobalt	73	K <sub>2</sub> O	1.85
<u>Usage</u>	Europium	1.1	Na <sub>2</sub> O	2.885
This product is for use in the mining industry as a reference material for	Gold (ppb)	2130	LOI1000	1.67
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Act	tivation
Preparation and Packaging	Iron (%)	7.2	Analyses and Fusion /	
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	20	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45 micron)	Lutetium	0.4	single results and are	
using an air classifier. The material is then homogenised and stored in a sealed,	Mercury	nr	indicative only. These	
stable container ready for final packaging.	Molybdenum	<10	are provided for matrix	
	Neodymium	nr	identification	
Materials are statistically sampled from stores, then packaged into either heat	Nickel	140	purposes.	
sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready	Potassium (%)	nr	ľ.	
for distribution. All packaging has been chosen to ensure minimal contamination	Rubidium	85	'nr': Not Re	oorted
from outside sources during shipment, use and storage.  Assay Testwork	Samarium	4.5		
	Scandium	18.6		
	Selenium	<10		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	5		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	2.11		
are compiled into a comprehensive report detailing statistics for each standard.	Strontium	nr		
Assay distributions are checked and processed statistically, producing	Tantalum	<2		
monitoring statistics for these standards. Materials are tested regularly to ensure	Tellurium	<20		
stability and homogeneity.	Terbium	1		
	Thorium	11.6		
Stability	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	<2		
	Uranium	6		
Material Safety	Ytterbium	2.6		
This product is not hazardous and non-toxic.	Zinc	960		
	Zirconium	<500		

20 Hines Road, O'Connor, Western Australia 6163 Phone: +61 8 9314 2566 | Email: info@geostats.com.au Website: www.geostats.com.au