×

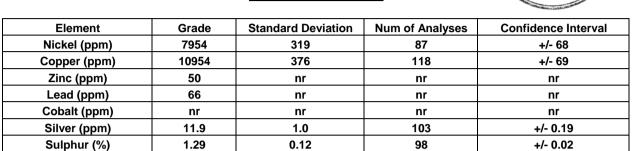
## **GEOSTATS PTY LTD**

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

Py Ltd A.C. Certified Ore Grade Base Metal Reference Material Product Code

## **GBM915-15**

## **Certified Control Values**



CRM Details				
	Neutron Activation		Major Elements by Fusion / XRF (%)	
Control Statistic Details	Analysis Results (ppm,			
Control statistics were produced from results accumulated in the October-2015	unless otherwise noted)			(/0)
round robin. The number of results used to certify each analyte is shown in the	Antimony	24.1	Fe	20.133
table above.	Arsenic	3410	SiO <sub>2</sub>	11.36
	Barium	<50	Al <sub>2</sub> O <sub>3</sub>	32.48
Material Description	Bromine	4	TiO <sub>2</sub>	1.95
This material is described as a Blend of nickel filtercake and coffee rock.	Cadmium	<20	MnO	0.08
	Caesium	2	CaO	0.11
	Calcium (%)	nr	Р	0.017
Colour Designation (ISCC-NBS, SP440)	Cerium	19	S	1.334
This material is moderate brown in colour.	Chromium	20	MgO	0.1
	Cobalt	2080	K <sub>2</sub> O	0.114
Usage	Europium	<0.5	Na <sub>2</sub> O	nr
This product is for use in the mining industry as a reference material for	Gold (ppb)	768	LOI1000	21.47
monitoring and testing the accuracy of laboratory assaying.	Hafnium	12		
	Iridium (ppb)	371	Neutron Activation	
Preparation and Packaging	Iron (%)	19.7	Analyses and Fusion /	
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	5	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45 micron)	Lutetium	0.06	single results and are	
using an air classifier. The material is then homogenised and stored in a sealed,	Mercury	nr	, i	
stable container ready for final packaging.	Molybdenum	<10	indicative only. These	
	Neodymium	nr	are provided for matrix	
Materials are statistically sampled from stores, then packaged into either heat	Nickel	7870	identification purposes.	
sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready	Potassium (%)	nr		
for distribution. All packaging has been chosen to ensure minimal contamination from outside sources during shipment, use and storage.	Rubidium	60	'nr': Not Reported	
	Samarium	0.5		
	Scandium	17		
Assay Testwork	Selenium	46		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	11		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	<0.05		
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	70		
<u>Stability</u>	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	<5		
	Uranium	9		
Material Safety	Ytterbium	<1		
This product is not hazardous and non-toxic.	Zinc	<100	1	

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

Zirconium

<500