Ltd A Pty

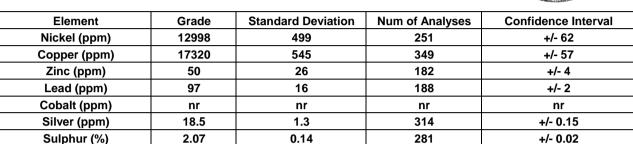
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Certified Ore Grade Base Metal Reference Material Product Code

GBM923-13

Certified Control Values



Sulphur (%) **CRM Details Neutron Activation** Major Elements by

Control Statistic Details

Control statistics were produced from results accumulated in the October-2015, April-2018, October-2023 round robins. The number of results used to certify each analyte is shown in the table above.

Material Description

This material is described as a Blend of nickel filtercake and coffee rock.

Colour Designation (ISCC-NBS, SP440)

This material is moderate brown in colour.

This product is for use in the mining industry as a reference material for monitoring and testing the accuracy of laboratory assaying.

Preparation and Packaging

All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry material is then pulverised to better than 75 micron (nominal mean of 45 micron) using an air classifier. The material is then homogenised and stored in a sealed, stable container ready for final packaging.

Materials are statistically sampled from stores, then packaged into either heat sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready 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.

Medit on Aditation		major Elements by	
Analysis Results (ppm,		Fusion / XRF (%)	
unless otherwi	se noted)		
Antimony	26.4	Fe	21.119
Arsenic	5780	SiO ₂	10.82
Barium	<100	Al ₂ O ₃	29.8
Bromine	<2	TiO ₂	1.41
Cadmium	<10	MnO	0.1
Caesium	<2	CaO	0.13
Calcium (%)	nr	Р	0.02
Cerium	19	S	2.143
Chromium	114	MgO	0.11
Cobalt	3540	K ₂ O	0.13
Europium	< 0.5	Na ₂ O	0.04
Gold (ppb)	1070	LOI1000	22.77
Hafnium	10		l .
Iridium (ppb)	622	Neutron Activation	
Iron (%)	22.4	Analyses and Fusion	
Lanthanum	5	XRF Analyses are	
Lutetium	<0.2	single results and are	
Mercury	nr	indicative only. These	
Molybdenum	<10	are provided for matrix	
Neodymium	nr	identification	
Nickel	14200	purposes.	
Potassium (%)	nr		
Rubidium	<20	'nr': Not Reported	
Samarium	0.6	'	
Scandium	13.8		
Selenium	74		
Silver	25		
Sodium (%)	<0.0168		
Strontium	nr		
Tantalum	<2		
Tellurium	<50		
Terbium	<1		
Thorium	70.4		
Tin	<200		
Tungsten	<5		
Uranium	6		
	-	l	
Ytterbium	< 0.5		
Ytterbium Zinc	<0.5 <200		

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