Pty Ltd A

Major Elements by

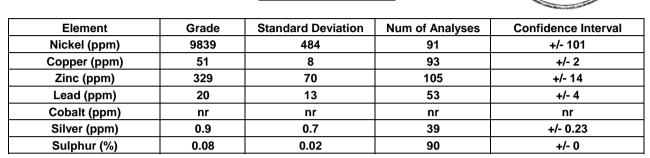
GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Ore Grade Base Metal Reference Material Product Code

GBM920-15

Certified Control Values



CRM Details

Control	Statistic	<u>Details</u>
Contro	Lototiotica	. woro r

Control statistics were produced from results accumulated in the October-2020 round robin. The number of results used to certify each analyte is shown in the table above.

Material Description

This material is described as a Chrome, nickel, cobalt in mafic host ex Western Australia.

Colour Designation (ISCC-NBS, SP440)

This material is pale brown in colour.

Usage

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.

Stability

This product remains stable in its original packaging, away from direct sunlight.

Material Safety

This product is not hazardous and non-toxic.

1 -	Neutron Activation		major Elements by	
1	Analysis Results (ppm,		Fusion / XRF (%)	
ι	ınless otherwi	se noted)		
7	Antimony	0.3	Fe	26.154
F	Arsenic	2.9	SiO ₂	36.5
E	Barium	290	Al ₂ O ₃	5.3
E	Bromine	13	TiO ₂	0.24
(Cadmium	<10	MnO	0.9
(Caesium	<2	CaO	0.15
(Calcium (%)	nr	Р	0.005
(Cerium	15	S	0.064
(Chromium	14900	MgO	6.37
(Cobalt	849	K ₂ O	0.172
E	Europium	0.6	Na ₂ O	0.87
(Gold (ppb)	<9	LOI1000	7.88
ŀ	-lafnium	<5		
1	ridium (ppb)	<50	Neutron Activation	
1	ron (%)	25.8	Analyses and Fusion	
L	_anthanum	15	XRF Analyses are	
L	utetium	0.2	single results and are	
Ν	Mercury	nr	indicative only. These	
Ν	Molybdenum	<10	are provided for matrix	
١	Neodymium	nr	identification	
١	Nickel	10300	purposes.	
F	Potassium (%)	nr		
F	Rubidium	<20	'nr': Not Reported	
5	Samarium	2.4		
5	Scandium	29.2		
5	Selenium	<10		
- 1 -	Silver	<5		
	Sodium (%)	0.587		
1 1	Strontium	nr		
1	Γantalum	<2		
1	Γellurium	<20		
1	Γerbium	<1		
1	Γhorium	<0.5		
1	Γin	<200		
	Γungsten	<2		
l	Jranium	<2		
١	/tterbium	1.3		
- 17			•	
- 15	Zinc Zirconium	370		

Neutron Activation

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