Common Sea

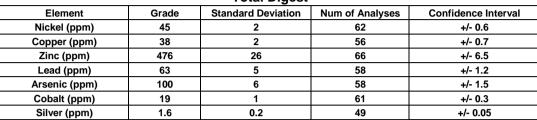
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM921-3

Certified Control Values Total Digest



Partial Digest

	Jan 1						
Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval			
Nickel (ppm)	44	3	58	+/- 0.7			
Copper (ppm)	36	2	73	+/- 0.5			
Zinc (ppm)	471	25	71	+/- 6.1			
Lead (ppm)	62	5	65	+/- 1.2			
Arsenic (ppm)	87	18	68	+/- 4.4			
Cobalt (ppm)	18	1	61	+/- 0.4			
Silver (ppm)	1.6	0.3	69	+/- 0.07			

CRM Details

	Neutron Activation		Major Elements by	
Control Statistic Details	Analysis Resul	lts (ppm,	Fusion / X	
Control statistics were produced from results accumulated in the October-2021	unless otherwi	se noted)		` '
round robin. The number of results used to certify each analyte is shown in the	Antimony	8.5	Fe	3.9
table above.	Arsenic	103	SiO ₂	59.29
	Barium	298	Al ₂ O ₃	14.14
Material Description	Bromine	<2	TiO ₂	0.62
This material is described as a Fresh rhyolite, Pilbara, WA.	Cadmium	<10	MnO	0.59
• • • •	Caesium	8	CaO	4.02
	Calcium (%)	nr	Р	0.054
Colour Designation (ISCC-NBS, SP440)	Cerium	34	S	1.59
This material is very light gray in colour.	Chromium	79	MgO	2.02
	Cobalt	18.3	K ₂ O	3.2
<u>Usage</u>	Europium	0.7	Na ₂ O	0.39
This product is for use in the mining industry as a reference material for	Gold (ppb)	<5	LOI1000	7.85
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	3.8	Analyses ar	nd Fusion /
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	18	XRF Analys	es are
material is then pulverised to better than 75 micron (nominal mean of 45	Lutetium	0.2	single results and are	
micron) using an air classifier. The material is then homogenised and stored in	Mercury	nr	Ŭ	
a sealed, stable container ready for final packaging.	Molybdenum	<10	indicative only. These	
	Neodymium	nr	are provided	
Materials are statistically sampled from stores, then packaged into either heat	Nickel	47	identification	n purposes.
sealed, air tight, plastic pulp packets or screw top sealed plastic containers	Potassium (%)	nr		
ready for distribution. All packaging has been chosen to ensure minimal	Rubidium	100	'nr': Not Rep	orted
contamination from outside sources during shipment, use and storage.	Samarium	3.1		
	Scandium	11		
Assay Testwork	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 (%)	0.282		
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	Tellurium	<20		
ensure stability and homogeneity.	Terbium	<1		
	Thorium	4.9		
Stability	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	2		
	Uranium	1		
Material Safety	Ytterbium	1.5		
This product is not hazardous and non-toxic.	Zinc	490		
	Zirconium	< 500	l	

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