Common Sea

GEOSTATS PTY LTD

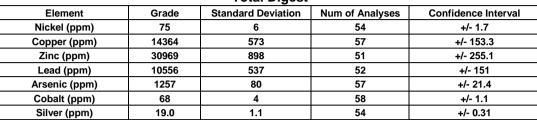
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM323-5

Certified Control Values

Total Digest



Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval
Nickel (ppm)	65	5	52	+/- 1.4
Copper (ppm)	14392	363	58	+/- 96.2
Zinc (ppm)	30788	1356	43	+/- 422.2
Lead (ppm)	10663	634	49	+/- 183.9
Arsenic (ppm)	1246	69	59	+/- 18.2
Cobalt (ppm)	56	4	53	+/- 1.2
Silver (ppm)	19.3	1.5	73	+/- 0.35

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-2023	unless otherwise noted)			` '
round robin. The number of results used to certify each analyte is shown in the	Antimony	439	Fe	6.38
table above.	Arsenic	1300	SiO ₂	52.3
	Barium	164	Al ₂ O ₃	12.68
Material Description	Bromine	<2	TiO ₂	1.102
This material is described as a Low copper zinc cap material.	Cadmium	79.3	MnO	0.14
	Caesium	2	CaO	5.44
	Calcium (%)	nr	Р	0.059
Colour Designation (ISCC-NBS, SP440)	Cerium	37	S	3.37
This material is light gray in colour.	Chromium	95.8	MgO	3.22
	Cobalt	71	K ₂ O	1.72
<u>Usage</u>	Europium	1.1	Na ₂ O	3.044
This product is for use in the mining industry as a reference material for	Gold (ppb)	1110	LOI1000	2.02
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	7.3	Analyses ar	d 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	0.4	single results and are	
micron) using an air classifier. The material is then homogenised and stored in	Mercury	nr	•	
a sealed, stable container ready for final packaging.	Molybdenum	31	indicative only. These are provided for matrix	
	Neodymium	nr		
Materials are statistically sampled from stores, then packaged into either heat	Nickel	<100	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	86	'nr': Not Rep	orted
contamination from outside sources during shipment, use and storage.	Samarium	4.2		
	Scandium	20.1		
Assay Testwork	Selenium	28.8		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	20		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	2.15		
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		
A. 199	Thorium	9.9		
Stability This was due to a series at a black in the article of a selection of a series o	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	<2		
Matarial Outate	Uranium	5		
Material Safety	Ytterbium	2.2		
This product is not hazardous and non-toxic.	Zinc	31000		
	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