Common Sea

GEOSTATS PTY LTD

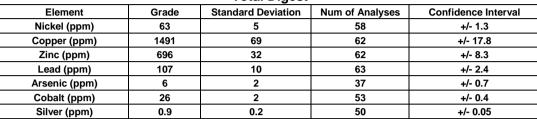
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM323-8

Certified Control Values

Total Digest



Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval		
Nickel (ppm)	53	6	57	+/- 1.5		
Copper (ppm)	1537	67	75	+/- 15.5		
Zinc (ppm)	674	26	60	+/- 6.7		
Lead (ppm)	106	9	60	+/- 2.3		
Arsenic (ppm)	5	1	47	+/- 0.4		
Cobalt (ppm)	13	2	47	+/- 0.5		
Silver (ppm)	1.0	0.2	57	+/- 0.07		

CRM Details

	Neutron Activation		Major Elements by	
Control Statistic Details	Analysis Results (ppm,		Fusion / XRF (%)	
Control statistics were produced from results accumulated in the April-2023	unless otherwi	se noted)		
round robin. The number of results used to certify each analyte is shown in the	Antimony	0.7	Fe	5.33
table above.	Arsenic	5	SiO ₂	61.44
	Barium	442	Al ₂ O ₃	14.38
Material Description	Bromine	<2	TiO ₂	1.049
This material is described as a Cu / Gold Sulphide ore.	Cadmium	<10	MnO	0.12
	Caesium	2	CaO	5.59
	Calcium (%)	nr	Р	0.052
Colour Designation (ISCC-NBS, SP440)	Cerium	41	S	0.203
This material is light gray in colour.	Chromium	92	MgO	3.09
	Cobalt	26	K ₂ O	2.2
<u>Usage</u>	Europium	1.3	Na ₂ O	3.505
This product is for use in the mining industry as a reference material for	Gold (ppb)	1560	LOI1000	0.53
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	5.5	Analyses an	d Fusion /
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	22	XRF Analyses 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	<10	indicative only. These	
	Neodymium	nr	are provided	d for matrix
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	90	'nr': Not Rep	orted
contamination from outside sources during shipment, use and storage.	Samarium	4.6		
	Scandium	19.5		
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 (%)	2.52		
are compiled into a comprehensive report detailing statistics for each standard.	Strontium	nr		
Assay distributions are checked and processed statistically, producing	Tantalum	3		
monitoring statistics for these standards. Materials are tested regularly to	Tellurium	<20		
ensure stability and homogeneity.	Terbium	1		
	Thorium	13.5		
<u>Stability</u>	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	<2		
	Uranium	6		
Material Safety	Ytterbium	2.6		
This product is not hazardous and non-toxic.	Zinc	720		
	Zirconium	<500		

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