Common Sea

GEOSTATS PTY LTD

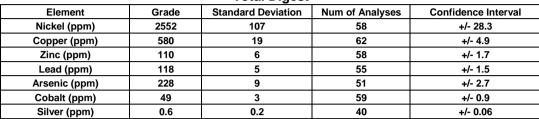
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM922-5

Certified Control Values

Total Digest



Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval		
Nickel (ppm)	2548	107	53	+/- 29.8		
Copper (ppm)	552	23	76	+/- 5.3		
Zinc (ppm)	99	8	62	+/- 2.1		
Lead (ppm)	111	5	60	+/- 1.3		
Arsenic (ppm)	213	11	58	+/- 2.9		
Cobalt (ppm)	46	3	54	+/- 0.8		
Silver (ppm)	0.6	0.1	47	+/- 0.03		

CRM Details

	Neutron Activation		Major Elements by	
Control Statistic Details	Analysis Results (ppm,		Fusion / XRF (%)	
Control statistics were produced from results accumulated in the October-2022	unless otherwi	se noted)		
round robin. The number of results used to certify each analyte is shown in the	Antimony	2.9	Fe	6.27
table above.	Arsenic	236	SiO ₂	60.44
	Barium	<100	Al ₂ O ₃	18.49
Material Description	Bromine	3	TiO ₂	0.85
This material is described as an Oxide Ore ex S.W. Mineral field.	Cadmium	<10	MnO	0.03
	Caesium	5	CaO	1.32
	Calcium (%)	nr	P	0.064
Colour Designation (ISCC-NBS, SP440)	Cerium	42	S	0.6
This material is grayish orange in colour.	Chromium	196	MgO	0.96
	Cobalt	53	K ₂ O	1.06
<u>Usage</u>	Europium	0.7	Na ₂ O	0.7
This product is for use in the mining industry as a reference material for	Gold (ppb)	3400	LOI1000	6.63
monitoring and testing the accuracy of laboratory assaying.	Hafnium	5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	6.6	Analyses an	d Fusion /
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	21	XRF Analyses 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		
a sealed, stable container ready for final packaging.	Molybdenum	70	indicative only. These are provided for matrix	
	Neodymium	nr		
Materials are statistically sampled from stores, then packaged into either heat	Nickel	2700	identification	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	136	'nr': Not Rep	orted
contamination from outside sources during shipment, use and storage.	Samarium	2.8		
	Scandium	15		
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 (%)	0.52		
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. 1 W.	Thorium	8.9		
Stability	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	27		
W	Uranium	2		
Material Safety	Ytterbium	1		
This product is not hazardous and non-toxic.	Zinc	<200		
	Zirconium	<500		

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