Common Sea

GEOSTATS PTY LTD

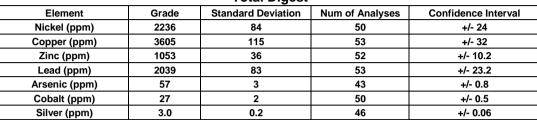
Mining Industry Consultants Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM321-8

Certified Control Values

Total Digest



Partial Digest

	Jan 1						
Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval			
Nickel (ppm)	2250	112	48	+/- 32.8			
Copper (ppm)	3634	139	73	+/- 32.6			
Zinc (ppm)	1032	61	59	+/- 16.1			
Lead (ppm)	2063	89	58	+/- 23.7			
Arsenic (ppm)	56	4	52	+/- 1.1			
Cobalt (ppm)	16	2	49	+/- 0.6			
Silver (ppm)	2.9	0.2	58	+/- 0.05			

CRM Details

	Neutron Activa	Neutron Activation		Major Elements by	
Control Statistic Details	Analysis Results (ppm,		Fusion / XRF (%)		
Control statistics were produced from results accumulated in the April-2021	unless otherwi			(/	
round robin. The number of results used to certify each analyte is shown in the	Antimony	1.7	Fe	5.8	
table above.	Arsenic	57	SiO ₂	59.12	
	Barium	1040	Al ₂ O ₃	13.9	
Material Description	Bromine	<2	TiO ₂	1.131	
This material is described as a Low Cu Oxide.	Cadmium	<10	MnO	0.11	
	Caesium	4	CaO	5.46	
	Calcium (%)	nr	Р	0.103	
Colour Designation (ISCC-NBS, SP440)	Cerium	105	S	0.37	
This material is pale red in colour.	Chromium	182	MgO	3.24	
·	Cobalt	28	K ₂ O	2.63	
<u>Usage</u>	Europium	1.5	Na ₂ O	2.951	
This product is for use in the mining industry as a reference material for	Gold (ppb)	450	LOI1000	1.25	
monitoring and testing the accuracy of laboratory assaying.	Hafnium	7			
	Iridium (ppb)	<50	Neutron Act	ivation	
Preparation and Packaging	Iron (%)	5.9	Analyses and Fusion /		
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	54	XRF Analyses are		
material is then pulverised to better than 75 micron (nominal mean of 45	Lutetium	0.5	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	63	indicative only. These		
	Neodymium	nr	are provided	d for matrix	
Materials are statistically sampled from stores, then packaged into either heat	Nickel	2350	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	159	'nr': Not Reported		
contamination from outside sources during shipment, use and storage.	Samarium	8.4			
	Scandium	17.8			
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 (%)	2.12			
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	16.5			
<u>Stability</u>	Tin	<200			
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	5			
L	Uranium	2			
Material Safety	Ytterbium	3.5			
This product is not hazardous and non-toxic.	Zinc	1040			
	Zirconium	<500	l		

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