Common Sea

GEOSTATS PTY LTD

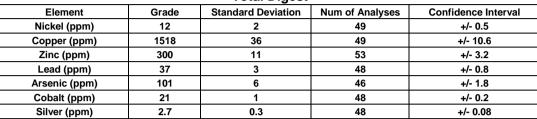
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM321-7

Certified Control Values

Total Digest



Partial Digest

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Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval		
Nickel (ppm)	12	1	47	+/- 0.4		
Copper (ppm)	1534	59	69	+/- 14.2		
Zinc (ppm)	295	13	56	+/- 3.5		
Lead (ppm)	35	3	53	+/- 1		
Arsenic (ppm)	96	10	49	+/- 2.8		
Cobalt (ppm)	20	1	49	+/- 0.4		
Silver (ppm)	2.6	0.2	60	+/- 0.06		

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-2021	unless otherwi	se noted)		
round robin. The number of results used to certify each analyte is shown in the	Antimony	30.8	Fe	3.28
table above.	Arsenic	104	SiO ₂	68.64
	Barium	311	Al ₂ O ₃	13.1
Material Description	Bromine	<2	TiO ₂	0.45
This material is described as a Fresh volcanic agglomerate, Pilbara, WA.	Cadmium	<10	MnO	0.11
	Caesium	4	CaO	1.82
	Calcium (%)	nr	Р	0.025
Colour Designation (ISCC-NBS, SP440)	Cerium	52	S	1.27
This material is very light gray in colour.	Chromium	<20	MgO	1.68
	Cobalt	21	K ₂ O	3.11
<u>Usage</u>	Europium	8.0	Na ₂ O	0.29
This product is for use in the mining industry as a reference material for	Gold (ppb)	461	LOI1000	4.72
monitoring and testing the accuracy of laboratory assaying.	Hafnium	6		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	3.4	Analyses and Fusion /	
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	26	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45	Lutetium	0.3	single results and are	
micron) using an air classifier. The material is then homogenised and stored in	Mercury	nr	indicative only. These	
a sealed, stable container ready for final packaging.	Molybdenum	<10		,
	Neodymium	nr	are provided	for matrix
Materials are statistically sampled from stores, then packaged into either heat	Nickel	<20	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	105	'nr': Not Rep	orted
contamination from outside sources during shipment, use and storage.	Samarium	3.9		
	Scandium	6.8		
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 (%)	0.21		
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	7.87		
<u>Stability</u>	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	6		
	Uranium	2		
Material Safety	Ytterbium	2.2		
This product is not hazardous and non-toxic.	Zinc	280		
	Zirconium	<500		

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