Common Sea

GEOSTATS PTY LTD

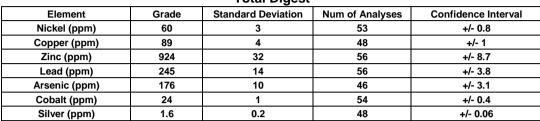
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM322-7

Certified Control Values

Total Digest



Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval		
Nickel (ppm)	59	3	54	+/- 1		
Copper (ppm)	88	5	71	+/- 1.3		
Zinc (ppm)	914	42	64	+/- 10.6		
Lead (ppm)	247	12	59	+/- 3		
Arsenic (ppm)	166	19	64	+/- 4.8		
Cobalt (ppm)	24	1	54	+/- 0.4		
Silver (ppm)	1.5	0.1	56	+/- 0.03		

CRM Details

	Neutron Activation		Major Elements by	
Control Statistic Details	Analysis Resul	ts (ppm,	Fusion / X	RF (%)
Control statistics were produced from results accumulated in the April-2022	unless otherwi	se noted)		
round robin. The number of results used to certify each analyte is shown in the	Antimony	7.2	Fe	6.05
table above.	Arsenic	177	SiO ₂	53.41
	Barium	323	Al ₂ O ₃	14.97
Material Description	Bromine	<2	TiO ₂	0.71
This material is described as a Fresh breccia, Pilbara, WA.	Cadmium	<10	MnO	0.14
	Caesium	6	CaO	4.38
	Calcium (%)	nr	P	0.054
Colour Designation (ISCC-NBS, SP440)	Cerium	36	S	4.49
This material is light gray in colour.	Chromium	96	MgO	2.02
	Cobalt	24	K ₂ O	3.3
<u>Usage</u>	Europium	0.7	Na ₂ O	0.57
This product is for use in the mining industry as a reference material for	Gold (ppb)	325	LOI1000	8.56
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	5.8	Analyses ar	d Fusion /
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	17	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45	Lutetium	0.3	-	
micron) using an air classifier. The material is then homogenised and stored in	Mercury	nr	single results and are	
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	60	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	108	'nr': Not Rep	oorted
contamination from outside sources during shipment, use and storage.	Samarium	3.3		
	Scandium	12.9		
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 (%)	0.42		
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	4.7		
<u>Stability</u>	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	3		
	Uranium	1		
Material Safety	Ytterbium	1.7		
This product is not hazardous and non-toxic.	Zinc	890		
	Zirconium	<500		

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