Common Sea

GEOSTATS PTY LTD

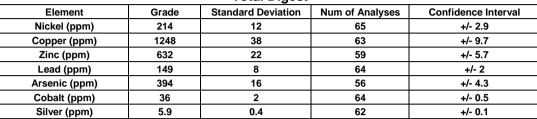
Mining Industry Consultants Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM921-9

Certified Control Values

Total Digest



Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval	
Nickel (ppm)	208	13	62	+/- 3.4	
Copper (ppm)	1241	62	89	+/- 13.1	
Zinc (ppm)	621	29	71	+/- 6.9	
Lead (ppm)	149	9	63	+/- 2.2	
Arsenic (ppm)	381	18	64	+/- 4.6	
Cobalt (ppm)	31	2	62	+/- 0.6	
Silver (ppm)	5.7	0.3	81	+/- 0.08	

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-2021	unless otherwi	se noted)		` '
round robin. The number of results used to certify each analyte is shown in the	Antimony	13.4	Fe	7.21
table above.	Arsenic	390	SiO ₂	59.41
	Barium	128	Al ₂ O ₃	12.21
Material Description	Bromine	2	TiO ₂	0.666
This material is described as a Copper Gold ore.	Cadmium	<10	MnO	0.12
"	Caesium	11	CaO	4.05
	Calcium (%)	nr	Р	0.045
Colour Designation (ISCC-NBS, SP440)	Cerium	19	s	1.32
This material is grayish orange pink in colour.	Chromium	148	MgO	1.83
	Cobalt	36	K ₂ O	1.61
<u>Usage</u>	Europium	0.6	Na ₂ O	0.849
This product is for use in the mining industry as a reference material for	Gold (ppb)	5240	LOI1000	6.79
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	7.1	Analyses ar	d Fusion /
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	10	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45	Lutetium	0.2	,	
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	240	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	193	'nr': Not Rep	orted
contamination from outside sources during shipment, use and storage.	Samarium	2.7		
	Scandium	15.1		
Assay Testwork	Selenium	<10		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	6.5		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	0.591		
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	3.9		
<u>Stability</u>	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	13		
	Uranium	1		
Material Safety	Ytterbium	1.7		
This product is not hazardous and non-toxic.	Zinc	640		
	Zirconium	<500		

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