Common Sea

GEOSTATS PTY LTD

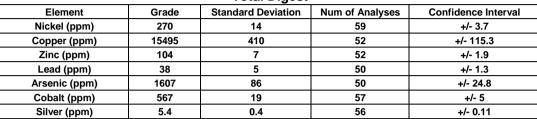
Mining Industry Consultants Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM920-2

Certified Control Values

Total Digest



Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval
Nickel (ppm)	262	22	57	+/- 6
Copper (ppm)	15522	603	60	+/- 157.2
Zinc (ppm)	103	14	56	+/- 3.7
Lead (ppm)	38	6	51	+/- 1.7
Arsenic (ppm)	1604	111	58	+/- 29.5
Cobalt (ppm)	550	36	56	+/- 9.8
Silver (ppm)	5.1	0.4	61	+/- 0.09

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-2020	unless otherwi	se noted)		` ,
round robin. The number of results used to certify each analyte is shown in the	Antimony	3	Fe	21.6
table above.	Arsenic	1660	SiO ₂	35.62
	Barium	318	Al ₂ O ₃	8.14
Material Description	Bromine	<2	TiO ₂	0.48
This material is described as a Copper sulphide filtercake ex Pilbara, Western	Cadmium	<10	MnO	0.09
Australia.	Caesium	2	CaO	1.04
	Calcium (%)	nr	Р	0.028
Colour Designation (ISCC-NBS, SP440)	Cerium	61	S	21.94
This material is olive gray in colour.	Chromium	99.6	MgO	0.95
	Cobalt	575	K ₂ O	2.08
<u>Usage</u>	Europium	8.0	Na ₂ O	0.7
This product is for use in the mining industry as a reference material for	Gold (ppb)	3350	LOI1000	17.51
monitoring and testing the accuracy of laboratory assaying.	Hafnium	5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	21.6	Analyses ar	d Fusion /
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	32	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45	Lutetium	0.4	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	<10	indicative only. These	
	Neodymium	nr	are provided	d for matrix
Materials are statistically sampled from stores, then packaged into either heat	Nickel	288	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	76	'nr': Not Reported	
contamination from outside sources during shipment, use and storage.	Samarium	5.3		
	Scandium	7.1		
Assay Testwork	Selenium	<10		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	5.5		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	0.443		
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	18.1		
Stability	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	18		
	Uranium	5		
Material Safety	Ytterbium	2.8		
This product is not hazardous and non-toxic.	Zinc	<200		
	Zirconium	<500		

20 Hines Road, O'Connor, Western Australia 6163 Phone: +61 8 9314 2566 | Email: info@geostats.com.au Website: www.geostats.com.au