Common Sea

GEOSTATS PTY LTD

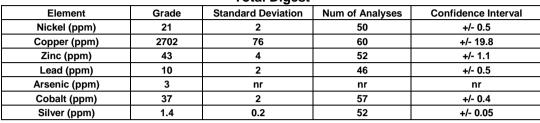
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM320-6

Certified Control Values

Total Digest



Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval		
Nickel (ppm)	20	1	46	+/- 0.3		
Copper (ppm)	2728	77	69	+/- 18.6		
Zinc (ppm)	41	3	47	+/- 1		
Lead (ppm)	7	2	47	+/- 0.5		
Arsenic (ppm)	2	nr	nr	nr		
Cobalt (ppm)	36	1	41	+/- 0.4		
Silver (ppm)	1.4	0.2	54	+/- 0.05		

CRM Details

	Neutron Activation Ma		Major Eler	lajor Elements by	
Control Statistic Details	Analysis Resul	ts (ppm,	Fusion / X	RF (%)	
Control statistics were produced from results accumulated in the April-2020	unless otherwi			` ,	
round robin. The number of results used to certify each analyte is shown in the	Antimony		Fe	4.13	
table above.	Arsenic	1.7	SiO ₂	69.21	
	Barium	506	Al ₂ O ₃	13.83	
Material Description	Bromine	5	TiO ₂	0.32	
This material is described as a Porphyry copper, SW, Westen Australia.	Cadmium	<10	MnO	0.17	
	Caesium	<2	CaO	1.57	
	Calcium (%)	nr	Р	0.036	
Colour Designation (ISCC-NBS, SP440)	Cerium	60	S	0.58	
This material is light gray in colour.	Chromium	24	MgO	0.98	
	Cobalt	38	K ₂ O	1.73	
<u>Usage</u>	Europium	0.7	Na ₂ O	4.73	
This product is for use in the mining industry as a reference material for	Gold (ppb)	16.7	LOI1000	1.31	
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5			
	Iridium (ppb)	<50	Neutron Act	ivation	
Preparation and Packaging	Iron (%)	4.3	Analyses an	d Fusion /	
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	34	XRF Analys	es are	
material is then pulverised to better than 75 micron (nominal mean of 45	Lutetium	0.2	-	l l	
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	42	indicative only. These		
	Neodymium	nr	are provided	d for matrix	
Materials are statistically sampled from stores, then packaged into either heat	Nickel	22	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	53	'nr': Not Rep	orted	
contamination from outside sources during shipment, use and storage.	Samarium	3.1			
	Scandium	4.9			
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 (%)	3.4			
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	9			
<u>Stability</u>	Tin	<200			
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	7			
	Uranium	5			
Material Safety	Ytterbium	1.5			
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