Pty Ltd A

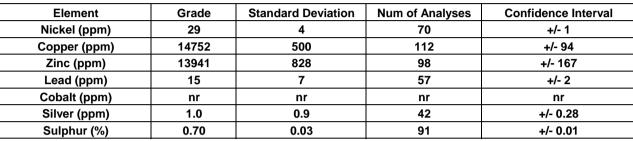
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Certified Ore Grade Base Metal Reference Material Product Code

GBM322-11

Certified Control Values



=+## (PP)	. •	•	<u> </u>				
Cobalt (ppm)	nr	nr	nr	nr			
Silver (ppm)	1.0	0.9	42	42		+/- 0.28	
Sulphur (%)	0.70	0.03	91		+/- 0.01		
		CRM Details					
			Neutron Activa	Neutron Activation Major		ajor Elements by	
Control Statistic Details			Analysis Results (ppm,		Fusion / XRF (%)		
Control statistics were production	uced from results	accumulated in the April-	2022 unless otherwi	ise noted)		, ,	
round robin. The number of I	esults used to cer	tify each analyte is shown in	n the Antimony	3.1	Fe	3.78	
table above.	Arsenic	45.3	SiO ₂	58.95			
			Barium	183	Al ₂ O ₃	13.58	
Material Description	Bromine	<2	TiO ₂	0.54			
This material is described as	Cadmium	<10	MnO	0.07			
			Caesium	7	CaO	3.43	
			Calcium (%)	nr	Р	0.049	
Colour Designation (ISCC-NBS, SP440)			Cerium	41	S	0.71	
This material is very light gray	, , , ,		U	2.34			
			Cobalt	2050	K ₂ O	2.28	
<u>Jsage</u>			Europium	0.6	Na ₂ O	1.16	
This product is for use in the mining industry as a reference material for monitoring and testing the accuracy of laboratory assaying.				12	LOI1000	6.65	
			Hafnium	<5	.		
Description and Deals of			Iridium (ppb)	<50	Neutron Act		
Preparation and Packaging		of 40 hours at 44000 Th	Iron (%)	3.6	Analyses ar		
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry			,		20 XRF Analyses are		
material is then pulverised to better than 75 micron (nominal mean of 45 micron)			,	0.3			
using an air classifier. The material is then homogenised and stored in a sealed, stable container ready for final packaging.			aled, Mercury Molybdenum	nr <10	,		
Stable Cultainer ready for Illia	ii packayiiig.		Neodymium	nr	identification		
Materials are statistically sar	nnled from stores	then nackaged into either	,	38	purposes.		
sealed, air tight, plastic pulp p	•			nr	parposos.		
for distribution. All packaging	, ,	82	'nr': Not Reported				
from outside sources during s			Samarium	3.5			

Assay Testwork

All standards are tested thoroughly in the Geostats bi-annual laboratory survey. This involves assaying by multiple laboratories from around the world. Results are compiled into a comprehensive report detailing statistics for each standard. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

This product remains stable in its original packaging, away from direct sunlight.

Material Safety

This product is not hazardous and non-toxic.

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Antimony	3.1	Fe	3.78		
Arsenic	45.3	SiO ₂	58.95		
Barium	183	Al ₂ O ₃	13.58		
Bromine	<2	TiO ₂	0.54		
Cadmium	<10	MnO	0.07		
Caesium	7	CaO	3.43		
Calcium (%)	nr	Р	0.049		
Cerium	41	S	0.71		
Chromium	44	MgO	2.34		
Cobalt	2050	K ₂ O	2.28		
Europium	0.6	Na ₂ O	1.16		
Gold (ppb)	12	LOI1000	6.65		
Hafnium	<5				
Iridium (ppb)	<50	Neutron Act	ivation		
Iron (%)	3.6	Analyses ar	Analyses and Fusion /		
Lanthanum	20	XRF Analyses are			
Lutetium	0.3	single results and are			
Mercury	nr	indicative only. These			
Molybdenum	<10	are provided for matrix			
Neodymium	nr	identification			
Nickel	38	purposes.			
Potassium (%)	nr				
Rubidium	82	'nr': Not Rep	orted		
Samarium	3.5				
Scandium	9.8				
Selenium	<10				
Silver	<5				
Sodium (%)	0.88				
Strontium	nr				
Tantalum	<2				
Tellurium	<20				
Terbium	<1				
Thorium	5.6				
Tin	<200				
Tungsten	2				
Uranium	1				
Ytterbium	1.9				
Zinc	13600				
Zirconium	<500				

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