

GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM921-10

Certified Control Values

Total Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval
Nickel (ppm)	397	25	68	+/- 6.1
Copper (ppm)	2292	82	66	+/- 20.4
Zinc (ppm)	1959	65	59	+/- 17.1
Lead (ppm)	1902	49	58	+/- 12.9
Arsenic (ppm)	745	24	55	+/- 6.6
Cobalt (ppm)	59	3	65	+/- 0.6
Silver (ppm)	10.2	0.4	55	+/- 0.11

Partial Digest

Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval
Nickel (ppm)	378	31	62	+/- 8
Copper (ppm)	2280	103	88	+/- 21.9
Zinc (ppm)	1928	114	71	+/- 27.3
Lead (ppm)	1878	90	70	+/- 21.5
Arsenic (ppm)	724	46	67	+/- 11.2
Cobalt (ppm)	54	4	59	+/- 1.1
Silver (ppm)	10.2	0.6	79	+/- 0.13

CRM Details

Control Statistic Details	Neutron Activation Analysis Results (ppm, unless otherwise noted)	Major Elements by Fusion / XRF (%)
Control statistics were produced from results accumulated in the October-2021 round robin. The number of results used to certify each analyte is shown in the table above.	Antimony 26.5	Fe 13.25
	Arsenic 785	SiO ₂ 49.77
	Barium 277	Al ₂ O ₃ 10.47
	Bromine <2	TiO ₂ 0.913
	Cadmium <10	MnO 0.14
	Caesium 7	CaO 4.43
	Calcium (%) nr	P 0.067
	Cerium 37	S 2.23
	Chromium 410	MgO 2.44
	Cobalt 63	K ₂ O 1.65
	Europium 1.1	Na ₂ O 1.638
	Gold (ppb) 7570	LOH1000 3.44
	Hafnium <5	
	Iridium (ppb) <50	Neutron Activation
	Iron (%) 14.1	Analyses and Fusion /
	Lanthanum 17	XRF Analyses are
	Lutetium 0.4	single results and are
	Mercury nr	indicative only. These
	Molybdenum 439	are provided for matrix
	Neodymium nr	identification purposes.
	Nickel 460	
	Potassium (%) nr	'nr': Not Reported
	Rubidium 135	
	Samarium 4.5	
	Scandium 18.9	
	Selenium 60	
	Silver 11.5	
	Sodium (%) 1.13	
	Strontium nr	
	Tantalum <2	
	Tellurium <20	
	Terbium 1	
	Thorium 4.8	
	Tin <200	
	Tungsten 37	
	Uranium 2	
	Ytterbium 2.2	
	Zinc 2090	
	Zirconium <500	

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