Pty Ltd A

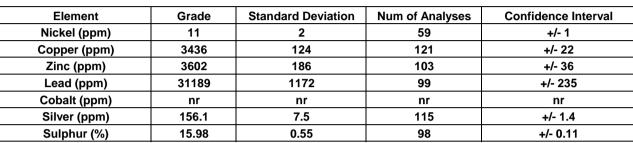
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Certified Ore Grade Base Metal Reference Material Product Code

GBM920-11

Certified Control Values



Lead (ppm)	31189	1172		99	+/- 235		
Cobalt (ppm)	nr	nr		nr	nr		
Silver (ppm)	156.1	7.5		115		+/- 1.4	
Sulphur (%)	15.98	0.55		98		+/- 0.11	
		CRM Details					
				Neutron Activa	Major Elements by		
Control Statistic Details			Analysis Results (ppm,		Fusion / XRF (%)		
Control statistics were produc	unless otherwise noted)						
round robin. The number of results used to certify each analyte is shown in the table above.				Antimony	516	Fe	21.9
				Arsenic	537	SiO ₂	40.96
				Barium	<100	Al ₂ O ₃	4.74
<u>Material Description</u> This material is described as a Lead concentrate and tails composite.				Bromine	<2	TiO ₂	0.17
				Cadmium	<10	MnO	0.11
	Caesium	<2	CaO	1.49			
				Calcium (%)	nr	Р	0.028
Colour Designation (ISCC-NBS, SP440)				Cerium	21	S	16.05
This material is medium dark gray in colour.				Chromium	52	MgO	2.47
				Cobalt	359	K ₂ O	0.28
<u>Usage</u>				Europium	1.5	Na ₂ O	0.22
This product is for use in the mining industry as a reference material for				Gold (ppb)	345	LOI1000	13.87
monitoring and testing the acc		Hafnium	<5				
				Iridium (ppb)	<50	Neutron Act	tivation
Preparation and Packaging				Iron (%)	23.3	Analyses ar	nd Fusion /
All CRMs are dried in an ov	en for a minimum	of 12 hours at 110°C. Th	e dry	Lanthanum	13	XRF Analys	es are
material is then pulverised to better than 75 micron (nominal mean of 45 micron)			Lutetium	0.4	single results and are		
using an air classifier. The material is then homogenised and stored in a sealed,			Mercury	nr	indicative only. These		
stable container ready for fina	Molybdenum	<10	are provided for matrix				
				Neodymium	nr	identification	n
Materials are statistically san	npled from stores,	then packaged into either	heat	Nickel	<20	purposes.	
sealed, air tight, plastic pulp p	ackets or screw to	p sealed plastic containers	ready	Potassium (%)	nr		
for distribution. All packaging has been chosen to ensure minimal contamination			Rubidium	<20	'nr': Not Reported		

from outside sources during shipment, use and storage.

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.

Analysis Resul	Fusion / XRF (%)				
unless otherwi	se noted)				
Antimony	516	Fe	21.9		
Arsenic	537	SiO ₂	40.96		
Barium	<100	Al ₂ O ₃	4.74		
Bromine	<2	TiO ₂	0.17		
Cadmium	<10	MnO	0.11		
Caesium	<2	CaO	1.49		
Calcium (%)	nr	Р	0.028		
Cerium	21	S	16.05		
Chromium	52	MgO	2.47		
Cobalt	359	K ₂ O	0.28		
Europium	1.5	Na ₂ O	0.22		
Gold (ppb)	345	LOI1000	13.87		
Hafnium	<5				
Iridium (ppb)	<50	Neutron Activation			
Iron (%)	23.3	Analyses and Fusion /			
Lanthanum	13	XRF Analyses are			
Lutetium	0.4	single results and are			
Mercury	nr	indicative only. These			
Molybdenum	<10	are provided for matrix			
Neodymium	nr	identification			
Nickel	<20	purposes.			
Potassium (%)	nr				
Rubidium	<20	'nr': Not Rep	orted		
Samarium	2.7				
Scandium	6.6				
Selenium	22				
Silver	160				
Sodium (%)	0.126				
Strontium	nr				
Tantalum	<2				
Tellurium	<20				
Terbium	<1				
Thorium	1.6				
Tin	<200				
Tungsten	6				
Uranium	2				
Ytterbium	2.4				
Zinc	3900				
 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