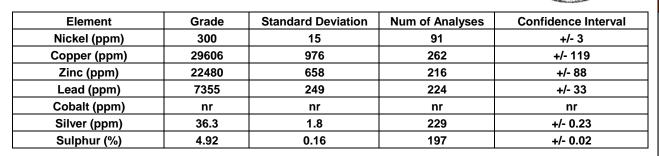
GEOSTATS PTY LTD

Mining Industry Consultants Reference Material Manufacture and Sales

Py Ltd A. C. Certified Ore Grade Base Metal Reference Material Product Code

GBM315-14

Certified Control Values



CRM Details

	Neutron Activation		Major Elements by	
Control Statistic Details	Analysis Results (ppm,		Fusion / XRF (%)	
Control statistics were produced from results accumulated in the April-2015 &	unless otherwi	se noted)		
October-2018 round robins. The number of results used to certify each analyte is	Antimony	557	Fe	8.629
shown in the table above.	Arsenic	858	SiO ₂	50.42
	Barium	258.5	Al ₂ O ₃	11.61
Material Description	Bromine	<1	TiO ₂	1.17
This material is described as a Sulphide Gold copper lead zinc ore.	Cadmium	36	MnO	0.14
	Caesium	1	CaO	5.47
	Calcium (%)	nr	Р	0.064
Colour Designation (ISCC-NBS, SP440)	Cerium	34	S	4.806
This material is medium light gray in colour.	Chromium	115.5	MgO	3.42
	Cobalt	96	K ₂ O	1.56
Usage	Europium	1.6	Na ₂ O	2.48
This product is for use in the mining industry as a reference material for	Gold (ppb)	26200	LOI1000	3.23
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<1		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	8.75	Analyses and Fusion /	
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	18	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45 micron)	Lutetium	0.45	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 final packaging.	Molybdenum	97.5	are provided for matrix	
	Neodymium	nr	identification	า
Materials are statistically sampled from stores, then packaged into either heat	Nickel	315.5	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	62	'nr': Not Rep	orted
contamination from outside sources during shipment, use and storage.	Samarium	4.05		
	Scandium	19.7		
Assay Testwork	Selenium	23.5		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	33.5		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	1.735		
are compiled into a comprehensive report detailing statistics for each standard.	Strontium	nr		
Assay distributions are checked and processed statistically, producing	Tantalum	0.9		
monitoring statistics for these standards. Materials are tested regularly to ensure	Tellurium	<20		
stability and homogeneity.	Terbium	1.3		
	Thorium	8.9		
Stability	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	6		
	Uranium	5.15		
Material Safety	Ytterbium	2.6		
This product is not hazardous and non-toxic.	Zinc	23000		
	Zirconium	<500		
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