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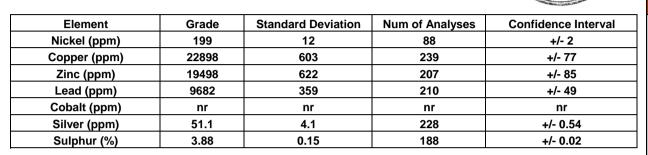
GEOSTATS PTY LTD

Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Ore Grade Base Metal Reference Material Product Code

GBM915-16

Certified Control Values



CRM Details

Control Statistic Details Control statistics were produced from results accumulated in the October-2015 &	Neutron Activation Analysis Results (ppm, unless otherwise noted)		Major Elements by Fusion / XRF (%)	
October-2017 round robins. The number of results used to certify each analyte is			Fe	0.074
shown in the table above.	Antimony Arsenic	845.5	SiO ₂	8.874
SHOWH III THE TABLE ADOVE.	Barium	1300 392.5	Al ₂ O ₃	51.08 11.44
Material Description	Bromine	392.5 <2	TiO ₂	1.38
This material is described as a High grade gold Cu Pb Zn ore some sulphide.			MnO	
	Cadmium	38.8	CaO	0.15
	Caesium	<1	P	5.28
Colour Decimation (ISCC NRS SD440)	Calcium (%)	nr	S	0.066
Colour Designation (ISCC-NBS, SP440)	Cerium	41.5		3.825
This material is medium dark gray in colour.	Chromium	68	MgO	2.91
	Cobalt	115.5	K ₂ O	1.65
<u>Usage</u>	Europium	1.205	Na ₂ O	nr
This product is for use in the mining industry as a reference material for	Gold (ppb)	17900	LOI1000	2.59
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Activation	
Preparation and Packaging	Iron (%)	9	Analyses and Fusion /	
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	20.5	XRF Analyses 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		
stable container ready for final packaging.	Molybdenum	84.95	indicative only. These	
	Neodymium	nr	are provided for matrix	
Materials are statistically sampled from stores, then packaged into either heat	Nickel	210	identification purposes.	
sealed, air tight, plastic pulp packets or screw top sealed plastic containers ready	Potassium (%)	nr		
for distribution. All packaging has been chosen to ensure minimal contamination	Rubidium	76	'nr': Not Reported	
from outside sources during shipment, use and storage.	Samarium	4.7		
	Scandium	20.25		
Assay Testwork	Selenium	24		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	52.5		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	2.005		
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 ensure	Tellurium	<20		
stability and homogeneity.	Terbium	<1		
	Thorium	10.15		
Stability	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	15		
	Uranium	5.5		
Material Safety	Ytterbium	2.85		
This product is not hazardous and non-toxic.	Zinc	20100		
	Zirconium	<500		

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