Common Seal

GEOSTATS PTY LTD

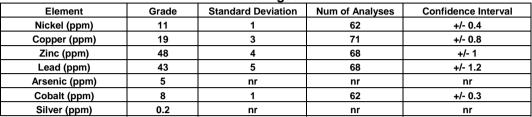
Mining Industry Consultants
Reference Material Manufacture and Sales

Certified Geochem Base Metal Reference Material Product Code

GBM316-3

Certified Control Values

Total Digest



Partial Digest

: aa. 2.goot							
Element	Grade	Standard Deviation	Num of Analyses	Confidence Interval			
Nickel (ppm)	8	1	56	+/- 0.3			
Copper (ppm)	18	3	68	+/- 0.6			
Zinc (ppm)	37	4	63	+/- 1			
Lead (ppm)	28	3	58	+/- 0.8			
Arsenic (ppm)	2	nr	nr	nr			
Cobalt (ppm)	6	1	58	+/- 0.4			
Silver (ppm)	0.2	nr	nr	nr			

CRM Details

	Noutron Active	tion	Major Elan	nonte bu
Control Statistic Details	Neutron Activation		Major Elements by	
	Analysis Results (ppm, unless otherwise noted)		Fusion / XRF (%)	
Control statistics were produced from results accumulated in the April-2016 round robin. The number of results used to certify each analyte is shown in the		,	Fe	0.00
, , ,	Antimony	<0.2	-	2.39
table above.	Arsenic	<1	SiO ₂	71.92
Metavial Description	Barium	490	Al ₂ O ₃	13.1
Material Description	Bromine	<2	TiO ₂	0.475
This material is described as a Milled Granite.	Cadmium	<10	MnO	0.052
	Caesium	3	CaO P	2.06
	Calcium (%)	nr	-	0.034
Colour Designation (ISCC-NBS, SP440)	Cerium	41.1	S	0.033
This material is light gray in colour.	Chromium	<20	MgO	0.88
	Cobalt	7	K ₂ O	3.7
<u>Usage</u>	Europium	0.8	Na ₂ O	3.539
This product is for use in the mining industry as a reference material for	Gold (ppb)	<10	LOI1000	0.66
monitoring and testing the accuracy of laboratory assaying.	Hafnium	<5		
	Iridium (ppb)	<50	Neutron Act	ivation
Preparation and Packaging	Iron (%)	2.3	Analyses and Fusion /	
All CRMs are dried in an oven for a minimum of 12 hours at 110°C. The dry	Lanthanum	27	XRF Analyses are	
material is then pulverised to better than 75 micron (nominal mean of 45 micron)	Lutetium	0.082	1	
using an air classifier. The material is then homogenised and stored in a sealed,	Mercury	nr	single results and are	
stable container ready for final packaging.	Molybdenum	<10	indicative only. These	
	Neodymium	nr	are provided	for matrix
Materials are statistically sampled from stores, then packaged into either heat	Nickel	<20	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	170	'nr': Not Rep	orted
from outside sources during shipment, use and storage.	Samarium	3.1	·	
	Scandium	6.4		
Assay Testwork	Selenium	<10		
All standards are tested thoroughly in the Geostats bi-annual laboratory survey.	Silver	<5		
This involves assaying by multiple laboratories from around the world. Results	Sodium (%)	2.29		
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		
Stability and Homogenetty:	Thorium	20.1		
Stability	Tin	<200		
This product remains stable in its original packaging, away from direct sunlight.	Tungsten	<5		
	Uranium	15		
Material Safety	Ytterbium	2		
This product is not hazardous and non-toxic.	Zinc	<100		
וווס פוסטעסניוס ווסג וומבמוטטעס מווע ווטווינטאוט.	Zirconium	<500		
	_ COOMAIN	\000		

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