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Certificate of Participation

This is to certify that

Zarazma Minerals Studies Company

has participated in the April 2010
Geostats Survey of International Laboratories

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Geostats Laboratory Survey
April 2010

Prepared for
Zarazma Minerals Studies Company

Confidential

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To the reader,

This survey of laboratories undertaken by Geostats is performed as a service to both the Mining Industry and the Analytical Industry. It is envisaged that it can be used as a tool for the maintenance of high standards in both industries.

The report to the Mining Houses identifies most commercial laboratories and should be treated as confidential information. Some commercial facilities prefer to pay for the inclusion of their sites and these are not identified to the Mining Houses. This report should not be circulated outside of the Client Company or reproduced for the benefit of other mining groups.

It is not the intent of this survey to provide marketing tools for the analytical industry. A laboratory report is available which identifies only the laboratory or group requesting the report. This allows the laboratory to assess their performance in relation to the rest of the analytical industry. All the laboratories identified have taken advantage of this report and included it as part of their ongoing quality control procedures. Participation in these surveys is an indication of the laboratory's interest in quality and should be regarded as a positive sign regardless of the outcome.

Many thanks to both the laboratories and the Mining Houses for their ongoing support of this survey.

Peter Hayes
Managing Director
Geostats Pty Ltd
10th May 2010

Geostats Pty Ltd, O'Connor, Western Australia.

Listing of Participating Laboratories for Round Robin - April 2010

Western Australia

ACTLABS PER	Actlabs Pacific Pty Ltd
ALSC KAL	ALS Minerals - Kalgoorlie (Met)
ALSC PERTH	ALS Minerals - Perth
AMD KAL	Amdel Laboratory - Kalgoorlie
AMMTEC	Ammttec Laboratory
AURUM BECK	Aurum Laboratories Pty Ltd
GEN PER	Genalysis Laboratory Services Pty Ltd
KALGOORLIE AL	Kalassay Group (Kalgoorlie Assay Laboratory)
LABWEST	LabWest
LEONORA AL	Kalassay Group (Leonora/Laverton Assay Laboratory)
KAL PER	Kalassay Group (Perth Assay Laboratory)
SGS KALG	SGS Kalgoorlie
SGS NEWBURN	SGS Newburn
SAR LAB	Standard & Reference Laboratories
ULTRA	Ultra Trace Pty Ltd

New South Wales

ALSC ORANGE	ALS Minerals - Orange
SGS WYALONG	SGS Wyalong

Queensland

ALSC BRIS	ALS Minerals - Brisbane
ALSC TVL	ALS Minerals - Townsville
AMD MT ISA	Amdel Mt Isa
GEN TOWNSVILLE	Genalysis Testing Services, Townsville
SGS TOWNSVILLE	SGS Townsville

Tasmania

BURNIE RL	Burnie Research Laboratory
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Argentina

STEWART MENDOZA	Alex Stewart Assayers Argentina SA
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Brazil

SGS LF BELO HOR	SGS Geosol Laboratórios Ltda
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Burkina Faso

ALSC OUAGADOUGOU	Abilab Burkina SARL
SGS OUAGADOUGOU	SGS Burkina S.A.

Canada

ACME VAN	Acme Analytical Laboratories Ltd
ACTLABS CAN	Activation Laboratories Ltd (Canada)
ACTLABS TB	Activation Laboratories Ltd
AGAT ONTARIO	AGAT Laboratories
ALSC QUEBEC	ALS Minerals (Val d'Or)
ALSC VAN	ALS Minerals - Vancouver
BECQUEREL-NAA	Becquerel Laboratories Inc
BOURLAMAQUE	Bourlamaque Assay Laboratories Ltd
SGS LAKEFIELD	SGS Lakefield (Ontario)
SGS TORONTO	SGS Laboratories (Toronto)
TSL SASKATCHEWAN	TSL Laboratories

Chile

ACME CHILE	Acme Analytical Laboratories Chile SA
ALSC LASERENA	ALS Minerals - Chile
VIGALAB CHILE	Vigalab S.A.

China

ALSC CHINA	ALS Minerals - Guangzhou (China)
ITS BEIJING	Intertek Testing Services, Ltd, Shanghai - Beijing Branch

Finland

LABTIUM FIN	Labtium Laboratories
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France

FILAB CHENOVE	Laboratories Filab
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Ghana

ALSC GHANA	ALS Minerals - Ghana
SGS TARKWA	SGS Laboratories (Tarkwa)

India

SHIVA INDIA	Shiva Analyticals (India) Ltd
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Indonesia

GEOSERVICES IND	PT. Geoservices Ltd
ITS GOSOWONG	Gosowong Gold Project Lab
ITS INDO	Intertek Testing Services, Jakarta
SGS KALTIM	SGS Indo Assay Laboratories
SUCOFINDO INDO	Sucofindo Timika Laboratory

Iran

ZARAZMA	Zarazma Minerals Studies Company
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Ireland

OMAC	Omac Laboratories - Ireland
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Kyrgyz Republic

STEWART KYRGYZ	Stewart Assay and Environmental Laboratories LLC
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Laos

ALSC LAOS	ALS Minerals Vientiane (Laos)
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Mali

ALSC MALI	Groupe de Laboratoire ALS Mali SARL
SGS KAYES	SGS Laboratory

Mongolia

ACTLABS MONGOLIA	Actlabs Asia LLC
SGS ULAAN	SGS Mongolia LLC
STEWART MONGOLIA	Stewart Mongolia LLC

New Zealand

AMD NZ MACRAES	Amdel Macraes Laboratory - New Zealand
AMD NZ REEFTON	Amdel Reefton Laboratory - New Zealand
SGS NZ	SGS New Zealand, Minerals Laboratory

Papua New Guinea

ITS MOROBE	ITS (PNG) Limited
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Peru

ACTLABS LIMA	Actlabs - Skyline Peru SAC
ALSC LIMA	ALS Peru S.A.
CIMM PERU	CIMM Peru SA
SGS LIMA	SGS del Peru S.A.C.

Philippines

McPHAR	McPhar Geoservices Inc
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Romania

ALSC ROMANIA	ALS Romania
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Saudi Arabia

ALAMRI JEDDAH	Al Amri Laboratory
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South Africa

AARL JOBURG	Anglo Research, Crown Mines - AS
AR BMP	Anglo Research, Crown Mines - BMP
ALSC JOBURG	ALS Minerals - Johannesburg
MINTEK SA	Mintek Analytical Services Division
PERF PLR	Performance Laboratories (PLR)
PERF PLW	Performance Laboratories (PLW)
SCI SER	Scientific Services Pty Ltd
SET POINT SA	Set Point Laboratories

Sweden

LAPLAB SWEDEN	LapLab, Laponia Laboratories AB
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United States of America

ALASKA AL	Alaska Assay Laboratories
ALSC RENO	ALS Minerals - Reno
AALLABS	American Assay Laboratories
FLORIN RENO	Florin Analytical Services
INSPECTORATE NEV	Gen. Mgr. Analytical Services
SKYLINE ARIZONA	Skyline Assayers & Laboratories

Venezuela

ACTLABS VENE	Actlabs - Venezuela
PHOENIX EL CALLAO	Phoenix Corporacion C.A.
PHOENIX LA CAMORRA	Phoenix Corporacion C.A.

Zimbabwe

ANTECH	Antech Laboratory
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Mine Laboratories

AG GHANA ASSA	AngloGold Ashanti - Assay Lab
AG GHANA CHEM	AngloGold Ashanti - Chemical Lab
AG GHANA ENVI	AngloGold Ashanti - Environmental Lab
APEX WILUNA	Apex Gold
AVOCET IND	PT. Avocet Bolaang Mongondow
BARRICK VAN	Barrick Technology Centre
BONG MIEU	Bong Mieu Gold Mine Laboratory (Vietnam)
BULYANHULU TANZ	Bulyanhulu Mine Assay Lab
BUZWAGI	Pangea Minerals Ltd
CHATREE THAI	Laboratory - Chatree Gold Mine
CHELOPECH MINE	Chelopech Mine Laboratory
CHEM LAB XSTR	Xstrata Chemical Laboratory
CMH PERU	Laboratorio Quimico - Unidad Parcoy
GC GUATEMALA	Marlin Mine
GEITA TANZ	Geita Gold Mine Laboratory
GOLD SUNLIGHT MINE	Golden Sunlight Mine Assay Lab
GOLDEN GROVE	Oz Minerals Golden Grove
GOLD FIELDS CHARL	Gold Fields West Wits Analytical Laboratories
GOLDSTRIKE	Barrick Analytical Laboratory
GRANITES	Granites Gold Mine
GRANNYS	Granny Smith Gold Mine Laboratory
HEMLO MINE	Williams Operating Corporation
ITS MATARAM	ITS Lab / PT Newmont Nusa Tenggara
KOZAGOLD TURKEY	Koza Gold Mine Laboratory
KUMTOR KYRGYZ	Kumtor Kyrgyz
LAGUNAS MINE	Minera Barrick Misquichilca - Unidad Lagunas Norte
LIHIR	Lihir Gold - Minesite Laboratory
MARIGOLD MINES	Marigold Mining Company - Assay Lab
MUSSELWHITE	Musselwhite Mine Laboratory
NEW AHAFO GHANA	Ahafo Mine Site Laboratory
NEW GC	Newmont Mining Corporation (GC) - Carlin Laboratory
NEW LONE	Newmont - Lone Tree Mine
NEW MET SER	Newmont Metallurgical Services
NEW PERU	Minera Yanacocha SRL - Newmont Lab (Peru)
NEW TWIN CM	Newmont - Twin Creek Mine
NG STAWELL	Stawell Gold Mine Laboratory
NIFTY CU OP	Nifty Minesite Laboratory
NORTH MARA	North Mara Minesite Laboratory
OSBORNE MINE	Osborne Mine Assay Lab
PENJOM MALAYSIA	Penjom Gold Mine
PHU BIA LAOS	Phu Bia Mining Limited
PIERINA MINE	Minera Barrick Misquichilca - Unidad Pierina
PLUTONIC MINE	Plutonic Gold Mine Assay Lab
PORGERA	Porgera Gold Mine Laboratory
QINGHAI CHINA	Qinghai Dachaidan Mining Limited
ROUND MOUNT MINE	Round Mountain Gold Assay Lab
SADIOLA MALI	Sadiola Mine Site Laboratory
SEPON LAOS	Lane Xang Minerals
SGS JOBURG	SGS South Africa Booyens
SGS JUNDEE	SGS Jundee
SGS MALI GCX	Analabs Morila Laboratory
SGS MAURITANIA	SGS Mineral Services Mauritania
TULAWAKA TANZ	Tulawaka Mine Assay Lab
TUPRAG TURK	Tuprag Kisladag Gold Mine
TURQ RIDGE MINE	Turquoise Ridge JV Mine Assay Lab
VELADERO MINE	Veladero Project Assay Lab

REPORT ON LABORATORY SURVEY – April 2010

A round robin to measure the accuracy of gold, silver, sulphur and base metal analyses from 148 laboratories was conducted during April 2010. The results of this survey are a measure of the ability of a laboratory to accurately analyse a pre-prepared pulp.

The ability of a laboratory to crush, split and prepare the sample without contamination is not measured by this survey. Knowledge of sampling machinery and the ability to design efficient flow systems with in-built homogeneity checks is required in order to develop confidence in the sample preparation.

The reference samples submitted to the laboratories consisted of:

- 10 gold standards
- 5 low level gold standards
- 6 gold and silver on carbon standards
- 10 geochemical base metal standards
- 6 ore-grade base metal standards
- 10 sulphur standards

Companies operating more than one laboratory have received extra filler samples, which are not used in the calculations. The Geostats numbering system makes it extremely difficult for any cross collation of results from one laboratory to the next. This provides a level playing field for all laboratories, whether they are sole operators or members of a large laboratory group.

We use a double entry system to build an accurate database. Two individuals enter all the data and when complete these two files are cross-checked and the source data is consulted to rectify any errors. The mean values used for calculations in this study are checked visually by preparing histograms. Outliers are removed and the remaining population distributions are tested for normality. All outliers are checked back to the original assay report for a third and final time.

GOLD SAMPLES

Three lots of gold samples were submitted to the laboratories, one lot for fire assay, one for aqua regia digest (or similar) and one for low-level (<200 ppb) gold. Becquerel Canada performed Neutron Activation Analysis on all samples, reporting a gold + 33 element analysis which has been included at the end of this report. Becquerel Canada can be contacted through Steven Simpson at ssimpson@becquerellabs.com

GOLD AND SILVER ON CARBON SAMPLES

Six gold and silver on carbon standards were included in this survey, both loaded and barren. The method of analysis for these samples was left up to the individual laboratories.

GEOCHEM BASE METAL SAMPLES

The base metal samples were analysed for copper, lead, zinc, nickel, arsenic, silver and cobalt. The method of analysis for base metal samples was left to the discretion of the laboratory manager. Becquerel Canada performed Neutron Activation Analysis and some mine laboratories performed XRF analyses. Digest levels were read on ICP or AAS. Methods are listed in the results page for the respective analyte.

ORE GRADE BASE METAL SAMPLES

Six ore-grade and concentrate samples are included in the survey. These are assayed primarily for copper, lead, zinc, nickel, silver and sulphur. Other elements are reported but not in sufficient numbers for inclusion in the report. These high-grade materials are analysed at the chemist's discretion but almost always using ore-grade techniques. Some use classical analyses while others use XRF or other methods. However, some of these products have, for example, high lead but low copper and the method for copper analysis may be inappropriate for low levels. Owing to this characteristic, only higher grade analyses are plotted in the related charts.

SULPHUR SAMPLES

Ten sulphur and carbon standards were prepared for the survey. These ten new standards are a good mix of values with sulphur values up to 30% and carbon values up to 4.2%.

All the standards used in this survey are available for purchase.

RESULTS

The results of the analyses are presented in three forms:

1. A table showing values as reported from the laboratories. These are presented in columns according to their respective sample identifiers, with each result's standardised Z value also displayed. Outliers are highlighted and assigned a Z value of 3.00 or -3.00. General statistics are listed at the top of each table.
2. Bar chart for each element showing the sum of absolute standardised values divided by the count of absolute standardised values.
3. Bar chart for the mean of standardised values.

EXAMINATION OF RESULTS - METHODOLOGY

1. Double entry of all data and validation by cross-checking. Confirm any anomalous values.
2. Produce basic statistics on results, including:
 - a. count
 - b. mean
 - c. median
 - d. standard deviation
 - e. minimum
 - f. maximum
 - g. error (95% Confidence Interval)
 - h. percentage error of mean (error as a percentage of the calculated mean).
3. Produce summary statistics and assay sheet.
4. Run outlier macro to find obvious outlier values.
5. Generate 'Z' intervals for remaining data (from calculated mean).
6. Check that median and mean are similar to verify a normal distribution.
7. Standardise remaining values i.e. subtract the mean and divide by the standard deviation.

8. Add results from each laboratory in 'standardised values' calculations (positive and negative) and divide by count.
9. Produce 'Mean of Standardised Values' Bar Charts.
10. Add absolute values from each laboratory in 'standardised values' calculations.
11. Divide result by count of results to calculate average absolute standard value for laboratory performance on each element.
12. Produce 'Mean of Absolute Standardised Values' Bar Charts.

CHARTS

The 'Mean of Standardised Values' charts (blue in reports) indicate any bias shown by laboratories on a particular element, but do not show any general error which might be plus and minus the mean. The 'Mean of Absolute Standardised Values' charts (pink in reports) indicate the general error but no bias.

INTERPRETATION OF RESULTS

SUMMARY STATISTICS AND ASSAY TABLES

These tables are self-explanatory. The row titled 'error' refers to the margin of error expected at 95% confidence. That is, the standard normal probability or 'Z' statistic representing 95% (1.96) is multiplied by the standard deviation and the result is divided by the square root of the population. We can be 95% confident that the true mean lies between mean minus error and mean plus error. The row titled '% error in mean' is simply this margin of error expressed as a percentage of the calculated mean. Outliers are highlighted and not used for calculations at the top of the tables.

STANDARDISED VALUES

These numbers are generated using the following formula. Reported value minus the mean, result of this divided by the standard deviation. This creates a new distribution with mean '0' and standard deviation '1'. Positive and negative numbers result from this calculation depending on whether the reported value is above or below the mean. Laboratories reporting outliers are manually assigned 3.00 or -3.00 as these results have been removed from automatic calculation. The higher the absolute number reported, the further the reported assay is from the calculated mean.

MEAN OF ABSOLUTE STANDARDISED VALUES (RED CHARTS)

The bar representing each laboratory is the mean of the sum of the absolute standardised values reported on all assays of the element in question. That is, the absolute sum of the rows in the Standardised Values Table divided by the number of assays. These charts give a visual representation to the general error shown by the particular laboratories. These charts do not show bias.

MEAN OF STANDARDISED VALUES (BLUE CHARTS)

These charts show the mean of standardised values with negative values included. A direction of error or bias can be interpreted from laboratories showing high values, negative or positive.

BRIEFLY

General error is indicated in absolute column charts.

Bias is indicated in negative/positive column charts.

The column charts show indications of error or direction of error - check the real data in the tables before coming to any decision as to the significance of this error. Also pay attention to the grade of the standard materials with regard to the laboratory level of detection. Some laboratories may report outliers due to the limitations of their methodology.

LEGEND FOR METHODS & READINGS

METHODS

READINGS

1A	1 Acid Digest	AAS	Atomic Absorption Spectroscopy
3A	3 Acid Digest	GRAV	Gravimetric
4A	4 Acid Digest	ICP	Inductively Coupled Plasma - Unspecified
AD	Acid Digest	ES	ICP - Emission Spectroscopy
AR	Aqua Regia	MS	ICP - Mass Spectroscopy
CSA	Carbon and Sulphur Analyser	IR	Infrared
FA	Fire Assay	XRF	X-Ray Fluorescence
FUS	Fusion		
GRAV	Gravimetric		
LW	Leachwell		
MAD	Multi-Acid Digest		
NAA	Neutron Activation Analysis		
PP	Pressed Powder		
PR	Pre-Roast		
Red Pb	Red Lead		
VOL	Volumetric		

CONTENTS

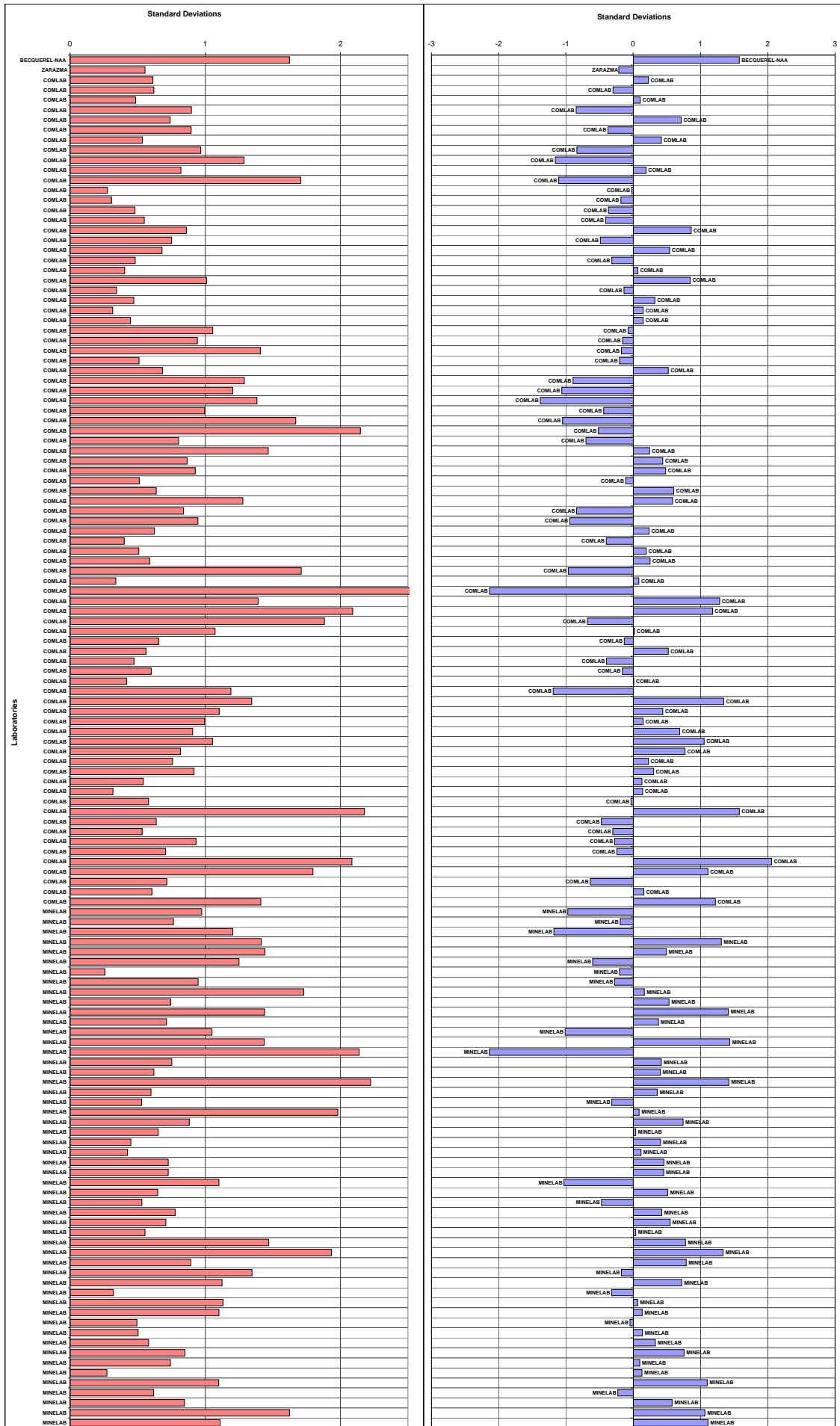
RESULTS OF ANALYSES PRESENTED AS TABLES AND PLOTS

ANALYSIS	PAGE	DESCRIPTION
FIRE ASSAY	1	Summary statistics, Assays, Standardised Values
	2	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
AQUA REGIA DIGEST	3	Summary statistics, Assays, Standardised Values
	4	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
LOW GRADE GOLD ANALYSIS	5	Summary statistics, Assays, Standardised Values
	6	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
GOLD ON CARBON ANALYSIS	7	Summary statistics, Assays, Standardised Values
	8	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
SILVER ON CARBON ANALYSIS	9	Summary statistics, Assays, Standardised Values
	10	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
SILVER ANALYSIS	11	Summary statistics, Assays, Standardised Values
	12	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
COPPER ANALYSIS (Geochem)	13	Summary statistics, Assays, Standardised Values
	14	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
LEAD ANALYSIS (Geochem)	15	Summary statistics, Assays, Standardised Values
	16	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
ZINC ANALYSIS (Geochem)	17	Summary statistics, Assays, Standardised Values
	18	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
NICKEL ANALYSIS (Geochem)	19	Summary statistics, Assays, Standardised Values
	20	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
ARSENIC ANALYSIS	21	Summary statistics, Assays, Standardised Values
	22	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
COBALT ANALYSIS	23	Summary statistics, Assays, Standardised Values
	24	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
COPPER ANALYSIS (Ore Grade)	25	Summary statistics, Assays, Standardised Values
	26	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
LEAD ANALYSIS (Ore Grade)	27	Summary statistics, Assays, Standardised Values
	28	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
ZINC ANALYSIS (Ore Grade)	29	Summary statistics, Assays, Standardised Values
	30	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
NICKEL ANALYSIS (Ore Grade)	31	Summary statistics, Assays, Standardised Values
	32	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
SILVER ANALYSIS (Ore Grade)	33	Summary statistics, Assays, Standardised Values
	34	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
SULPHUR ANALYSIS (Ore Grade)	35	Summary statistics, Assays, Standardised Values
	36	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
SULPHUR ANALYSIS	37	Summary statistics, Assays, Standardised Values
	38	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
CARBON ANALYSIS	39	Summary statistics, Assays, Standardised Values
	40	Mean of Positive Standardised Values (General Error)
		Mean of Standardised Values (General Bias)
BECQUEREL ANALYSIS	41	Becquerel Gold + 33 element analysis (Gold, Base Metals)

FA50 Gold Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	G310-1	G310-2	G310-3	G310-4	G310-5	G310-6	G310-7	G310-8	G310-9	G310-10		
MEAN (ppm)	4.94	0.29	0.07	0.43	1.01	0.65	1.01	0.23	1.21	85.53		
STDEV (ppm)	0.22	0.02	0.02	0.03	0.05	0.04	0.05	0.29	0.14	1.673		
95% CI (ppm)	0.04	0.00	0.00	0.01	0.01	0.01	0.01	0.05	0.02	0.30		
95% CI (%)	0.78%	1.50%	4.35%	1.19%	0.90%	1.02%	0.93%	7.13%	0.76%	0.63%		
MIN (ppm)	4.31	0.16	0.04	0.36	0.87	0.52	0.88	0.77	2.89	44.10		
MEDIAN (ppm)	4.79	0.25	0.06	0.46	1.01	0.64	1.01	0.24	1.30	88.71		
MAX (ppm)	5.50	0.24	0.11	0.51	1.15	1.05	1.16	0.55	3.68	52.60		
IQR (ppm)	0.26	0.02	0.02	0.03	0.06	0.05	0.06	0.27	0.17	2.15		
COUNT	127	114	110	122	127	120	123	124	127	117		

Lab Reference	G310-1	G310-2	G310-3	G310-4	G310-5	G310-6	G310-7	G310-8	G310-9	G310-10	Method	Reading										
Standard Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score										
LECOUREL/NAA	4.75	-0.84	0.21	0.49	0.08	0.40	0.44	0.35	1.01	0.65	0.08	1.02	0.16	7.71	-0.91	3.32	0.21	45.02	-2.10	FA	AAS	
ZARAZMA	5.13	0.88	0.20	-0.43	0.06	-0.55	0.43	0.04	1.02	0.61	0.61	-0.96	1.04	0.54	8.30	1.16	3.40	0.77	49.60	0.74	FA/AR	AAS, GRAV
COMLAB	5.02	0.39	0.19	-0.79	0.06	-0.42	0.39	-1.29	0.97	-0.76	0.65	-0.03	0.94	-1.29	8.19	0.76	3.36	0.46	48.50	-0.02	FA	ES, GRAV
COMLAB	4.89	-0.21	0.19	-0.73	0.06	-0.55	0.42	-0.41	1.02	0.20	0.67	0.54	1.02	0.16	8.11	0.49	3.43	0.98	59.00	-0.58	FA	AAS, GRAV
COMLAB	4.72	-0.97	0.19	-0.91	0.06	-0.55	0.39	-1.46	0.92	-1.68	0.82	-0.87	0.96	-0.97	7.96	-0.03	3.11	-1.28	48.94	-0.25	FA	AAS, GRAV
COMLAB	4.94	0.02	0.22	-1.13	0.07	0.08	0.44	0.35	1.05	0.76	0.68	0.89	1.22	3.06	7.93	-0.14	3.40	0.77	48.99	0.28	FA	AAS, GRAV
COMLAB	5.34	1.82	0.20	0.12	0.06	-0.67	0.40	-0.94	0.89	-2.25	0.62	-0.74	0.92	-1.67	8.06	0.32	3.34	0.35	48.40	-0.08	FA	AAS
COMLAB	5.37	1.96	0.20	0.06	0.07	0.15	0.42	-0.38	1.04	0.64	0.66	0.21	1.00	-0.20	7.99	0.07	3.45	1.12	49.45	-0.54	FA	AAS, GRAV
COMLAB	5.08	0.65	0.18	-1.34	0.06	-0.48	0.40	-0.94	0.97	-0.74	0.61	-0.98	0.98	-0.61	7.74	-0.79	2.99	-2.09	46.79	1.10	FA	ES
COMLAB	4.67	-1.20	0.20	-0.43	0.06	-0.73	0.39	-1.46	0.92	-1.74	0.58	-1.74	0.97	-0.84	7.11	-3.00	3.14	-1.05	49.60	0.64	FA	AAS, GRAV
COMLAB	5.30	1.64	0.19	-0.73	0.05	-1.17	0.40	-1.04	1.01	0.07	0.64	-0.19	1.04	0.54	8.51	1.89	3.37	0.56	29.00	0.40	FA	AAS
COMLAB	4.70	-1.07	0.19	-3.00	0.01	-3.00	0.40	-1.04	0.94	-1.33	0.59	-1.55	0.05	-3.00	7.69	-0.98	3.12	-1.19	47.02	-0.91	FA	AAS
COMLAB	4.89	-0.21	0.21	0.49	0.07	0.08	0.44	0.35	1.02	0.20	0.63	-0.47	1.00	-0.22	8.01	0.14	3.24	-0.35	48.10	-0.26	FA	AAS
COMLAB	4.97	0.15	0.20	-0.12	0.06	-0.55	0.41	-0.69	0.99	-0.37	0.63	-0.47	1.03	0.35	7.98	0.04	3.30	0.07	48.10	-0.26	FA	AAS
COMLAB	4.91	-0.12	0.19	-0.98	0.06	-0.61	0.41	-0.76	0.99	-0.45	0.63	-0.55	0.97	-0.71	8.08	0.39	3.28	-0.07	48.80	-0.16	FA	AAS
COMLAB	4.98	0.20	0.19	-0.73	0.06	-0.55	0.42	-0.34	0.97	-0.76	0.62	-0.74	1.03	0.35	7.94	-0.10	3.31	0.14	45.90	-1.57	FA	AAS
COMLAB	5.13	0.88	0.21	0.49	0.07	0.08	0.46	1.05	1.04	0.58	0.88	0.89	1.04	0.54	8.42	1.58	3.55	1.82	49.70	0.74	FA	AAS
COMLAB	5.06	0.46	0.18	-1.34	0.05	-1.17	0.42	-0.34	0.98	-1.58	0.61	-0.91	0.97	-0.78	8.17	0.70	3.26	-0.21	48.63	0.04	FA	AAS
COMLAB	5.12	0.83	0.20	-0.30	0.06	-1.03	0.42	-0.03	1.05	0.68	0.64	-0.28	1.10	1.88	8.00	0.11	3.48	0.10	>10.00	aid	FA	AAS
COMLAB	4.89	-0.21	0.20	-0.12	0.05	-1.17	0.42	-0.34	1.04	0.58	0.60	-1.28	0.98	-0.59	7.99	0.07	3.25	-0.28	48.80	0.16	FA	AAS
COMLAB	5.02	0.38	0.20	-0.12	0.07	0.15	0.42	-0.45	1.06	0.97	0.63	-0.38	0.97	-0.73	8.12	0.53	3.29	0.09	49.10	0.34	FA	AAS, GRAV
COMLAB	5.03	0.42	0.20	-0.18	0.07	-0.17	0.43	-0.17	1.14	2.50	0.64	-0.28	1.07	1.01	8.83	3.00	3.38	0.63	51.40	1.72	FA	AAS
COMLAB	4.97	0.15	0.19	-0.73	0.06	-0.55	0.42	-0.34	1.00	-0.18	0.64	-0.19	1.01	-0.03	7.96	-0.03	3.24	-0.35	50.00	0.88	FA	AAS
COMLAB	5.05	0.51	0.21	0.49	0.07	0.08	0.44	0.35	1.02	0.20	0.63	-0.47	1.00	-0.22	8.01	0.14	3.24	-0.35	48.10	-0.26	FA	AAS
COMLAB	5.11	0.79	0.20	-0.30	0.06	-0.29	0.42	0.24	1.01	0.01	0.66	0.27	1.03	0.26	8.11	0.49	3.32	0.21	49.00	0.28	FA	AAS, GRAV
COMLAB	4.95	0.06	0.19	-0.73	0.07	0.08	0.42	-0.34	1.05	0.78	0.64	-0.19	1.00	-0.22	8.00	0.11	3.40	0.77	50.50	1.18	FA	AAS
COMLAB	4.83	-0.48	0.22	1.10	0.10	1.97	0.48	1.75	1.00	-0.18	0.65	0.08	0.98	-0.59	7.56	-1.44	2.97	-2.24	47.30	-0.73	FA	AAS
COMLAB	4.68	-1.16	0.12	-3.00	0.06	-0.55	0.45	0.70	1.05	0.78	0.66	0.35	1.02	0.16	8.18	0.74	3.46	-1.19	47.20	-0.79	FA	AAS
COMLAB	4.77	-0.75	0.18	-1.34	0.08	0.71	0.42	-0.34	1.04	0.58	1.26	3.00	1.11	1.87	7.48	-1.72	3.18	-0.77	42.21	-3.00	AR	AAS
COMLAB	4.73	-0.93	0.18	-3.27	0.06	-0.42	0.65	0.74	0.88	-1.20	0.35	0.81	1.03	0.35	8.71	1.30	3.07	0.48	30.00	0.22	FA	AAS
COMLAB	5.41	2.14	0.22	0.79	0.08	1.03	0.42	0.38	1.02	0.88	0.78	0.30	7.95	-0.42	8.33	0.89	3.32	0.69	48.50	0.02	FA	ES, GRAV
COMLAB	4.69	-1.11	0.18	-1.34	0.10	1.97	0.41	-0.69	0.95	-1.14	0.60	-1.28	0.99	-0.40	7.81	-0.56	3.04	-1.75	44.10	-2.65	FA	ES
COMLAB	4.31	-2.83	0.20	-0.12	0.08	0.71	0.38	-1.74	0.97	-0.76	0.57	-2.10	1.00	-0.22	7.28	-2.42	3.29	0.00	46.60	-1.15	FA	AAS
COMLAB	4.74	-0.89	0.18	-1.52	0.07	-0.17	0.41	-0.76	0.95	-1.18	0.62	-0.77	0.88	-2.52	7.17	-2.80	3.26	-0.21	42.30	-3.00	FA	ES
COMLAB	4.60	-1.59	0.19	-0.73	0.09	1.34	0.40	-1.04	0.98	-0.57	0.70	-1.44	1.01	-0.03	7.94	-0.10	3.14	-1.05	44.94	-2.14	FA	AAS
COMLAB	4.38	-2.51	0.18	-1.34	0.07	0.08	0.39	-1.39	0.92	-1.72	0.77	3.00	0.92	-1.73	7.35	-2.17	3.07	-1.54	46.50	-1.21	FA	AAS
COMLAB	4.96	0.11	0.20	-0.12	0.06	-0.49	0.40	-0.10	1.04	0.89	0.64	-0.30	1.00	0.59	8.04	3.00	7.83	0.00	46.10	3.00	FA	GRAV
COMLAB	4.88	-0.27	0.17	-1.71	0.06	-0.61	0.41	-0.62	0.98	-0.59	0.61	-0.93	0.97	-0.80	7.74	-0.80	3.12	-1.19	49.36	0.50	FA	AAS, GRAV
COMLAB	5.00	0.29	0.10	-3.00	0.16	3.00	0.54	3.00	1.00	-0.18	0.72	1.98	0.88	-2.49	7.90	-0.24	3.26	-0.21	48.99	0.28	FA	AAS
COMLAB	4.79	-0.66	0.21	0.43	0.06	-0.55	0.45	0.53	1.05	0.68	0.64	-0.14	1.08	1.24	7.81	-0.57	4.35	3.00	>10.00	aid	FA	AAS
COMLAB	4.74	-0.89	0.23	1.71	0.10	1.97	0.44	0.35	1.02	0.20	0.63	-0.47	1.08	1.30	7.72	-0.88	3.33	0.28	50.59	1.23	FA	AAS
COMLAB	5.03	0.42	0.20	-0.12	0.05	-1.17	0.40	-1.04	1.02	0.20	0.64	-0.19	0.98	-0.59	8.12	0.53	3.37	0.56	49.00	0.88	FA	AAS
COMLAB	5.11	0.69	0.18	-0.12	0.06	0.49	0.45	0.70	1.02	0.60	0.65	0.89	1.01	-0.03	8.13	0.56	3.51	1.54	51.40	1.72	FA	AAS
COMLAB	4.95	0.06	0.15	-3.00	0.11	2.60	0.50	2.44	1.08	1.35	0.63	-0.47	1.09	1.49	8.18	0.74	3.34	0.35	49.02	0.28	FA	GRAV
COMLAB	4.86	-0.34	0.18	-1.34	0.06	-0.55	0.42	-0.34	0.98	-0.57	0.62	-0.74	0.99	-0.40	7.85	-0.42	2.97	-2.24	46.09	-1.46	FA	AAS
COMLAB	4.83	-0.48	0.17	-1.95	0.05	-1.17	0.42	-0.34	0.98	-0.57	0.62	-0.74	0.99	-0.40	7.59	-1.33	3.09	-1.40	46.75	-1.06	FA	AAS
COMLAB	5.07	0.60	0.19	-0.61	0.07	0.33	0.42	-0.45	1.02	0.20</												



Aqua Regia Gold Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	G310-1	G310-2	G310-3	G310-4	G310-5	G310-6	G310-7	G310-8	G310-9	G310-10
MEAN (ppm)	4.84	0.20	0.06	0.41	0.99	0.61	1.01	7.92	3.25	47.74
STDEV (ppm)	0.32	0.04	0.02	0.06	0.06	0.05	0.08	0.45	0.18	2.026
95% CI (ppm)	0.08	0.01	0.01	0.02	0.02	0.01	0.02	0.12	0.05	0.56
95% CI (%)	1.73%	4.65%	8.92%	3.86%	1.56%	2.12%	2.23%	1.51%	1.46%	1.16%
MIN (ppm)	4.30	0.11	0.01	0.27	0.87	0.50	0.86	6.89	2.82	43.00
MEDIAN (ppm)	4.86	0.20	0.06	0.41	1.00	0.63	1.01	7.93	3.24	47.76
MAX (ppm)	5.67	0.28	0.11	0.55	1.11	0.71	1.22	9.01	3.66	51.85
IQR (ppm)	0.34	0.04	0.03	0.05	0.07	0.04	0.09	0.54	0.20	2.81
COUNT	56	56	49	57	51	51	55	56	58	52

Standard Reference	G310-1		G310-2		G310-3		G310-4		G310-5		G310-6		G310-7		G310-8		G310-9		G310-10		Method	Reading
	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
ZARAZMA	4.68	-0.50	0.20	-0.02	0.06	-0.17	0.43	0.28	1.00	0.19	0.63	0.32	1.02	0.16	7.50	-0.92	3.24	-0.05	44.80	-1.45	AR	ES
COMLAB	4.91	0.23	0.17	-0.98	0.05	-0.64	0.41	-0.12	0.88	-1.98	0.56	-1.11	0.86	-1.76	7.94	0.05	3.18	-0.36	50.11	1.17	AR	ICP
COMLAB	4.43	-1.29	0.02	-3.00	0.06	-0.17	0.36	-0.87	0.92	-1.25	0.52	-2.02	0.98	-0.32	7.62	-0.65	3.30	0.28	46.90	-0.42	AR	MS
COMLAB	4.72	-0.37	0.22	0.55	0.07	0.33	0.44	0.44	1.05	1.09	0.71	2.03	1.06	0.63	8.00	0.18	3.37	0.66	49.84	1.03	FA	AAS,GRAV
COMLAB	4.71	-0.40	0.17	-0.87	0.11	2.34	0.52	1.75	1.00	0.19	0.66	0.96	1.05	0.51	7.80	-0.26	3.12	-0.71	48.40	0.32	AR	AAS
COMLAB	5.47	1.99	0.20	0.09	0.08	0.83	0.40	-0.17	1.01	0.30	0.63	0.37	0.98	-0.32	8.22	0.67	3.56	1.71	49.34	0.79	AR	MS
COMLAB	4.75	-0.27	0.14	-1.67	0.03	-1.53	0.37	-0.78	1.06	1.32	0.63	0.35	0.94	-0.85	7.88	-0.08	3.17	-0.43	47.01	-0.36	AR	MS
COMLAB	5.07	0.73	0.21	0.26	0.07	0.33	0.42	0.11	1.02	0.55	0.60	-0.31	0.98	-0.32	8.06	0.32	3.34	0.50	50.60	1.41	PR,AR	MS
COMLAB	4.30	-1.70	0.20	-0.11	0.05	-0.47	0.42	0.11	0.99	-0.08	1.19	-3.00	0.86	-1.70	>5.00	aid	2.82	-2.36	2.50	-3.00	AR	AAS
COMLAB	4.54	-0.94	0.18	-0.64	0.06	-0.02	0.39	-0.31	0.97	-0.37	0.66	0.96	0.96	-0.56	6.98	-2.07	3.06	-1.04	49.10	0.67	AR	MS
COMLAB	5.54	2.21	0.19	-0.42	0.05	-0.47	0.43	0.31	1.07	1.36	0.63	0.37	1.00	-0.14	8.28	0.80	3.51	1.43	>10.00	aid	AR	DIBK
COMLAB	5.19	1.11	0.20	-0.02	0.05	-0.67	0.39	-0.38	1.03	0.73	0.60	-0.31	1.04	0.39	8.33	0.91	3.19	-0.33	50.40	1.31	AR	MS
COMLAB	5.20	1.14	0.21	0.23	0.06	0.03	0.44	0.39	1.00	0.19	0.63	0.22	1.10	1.10	8.10	0.40	3.30	0.28	47.00	-0.37	AR	MS
COMLAB	4.82	-0.06	0.12	-2.29	<-0.02	bid	0.31	-1.69	0.95	-0.71	0.51	-2.23	0.98	-0.32	8.14	0.49	3.66	2.25	47.60	-0.07	AR	DIBK
COMLAB	4.60	-0.75	0.20	-0.02	<-0.1	bid	0.40	-0.22	0.90	-1.61	0.50	-2.45	1.30	-3.00	7.90	-0.04	3.10	-0.82	46.10	-0.81	AR	AAS
COMLAB	4.90	0.20	0.20	-0.02	0.06	-0.12	0.44	0.36	1.00	0.19	0.65	0.71	1.05	0.51	8.34	0.93	3.38	0.72	49.10	0.67	AR	MS
COMLAB	4.97	0.41	0.22	0.58	0.06	-0.02	0.48	1.13	1.24	-3.00	0.60	-0.23	0.98	-0.29	7.48	-0.96	3.32	0.39	47.90	0.08	AR	ICP
COMLAB	4.88	0.13	0.28	2.25	0.09	1.34	0.54	2.08	1.21	-3.00	0.83	-3.00	1.07	0.75	8.83	2.02	3.31	0.33	49.70	-0.02	AR	AAS
COMLAB	4.43	-1.29	0.23	0.83	0.10	1.84	0.39	-0.38	0.97	-0.35	0.64	0.54	1.08	0.87	8.31	0.87	3.20	-0.27	47.58	-0.08	AR	DIBK
COMLAB	4.35	-1.54	0.17	-0.87	0.06	-0.17	0.38	-0.54	0.92	-1.25	0.57	-0.95	0.91	-1.15	7.30	-1.36	3.03	-1.20	46.20	-0.76	AR	DIBK
COMLAB	4.68	-0.51	0.21	0.15	0.07	0.18	0.44	0.44	1.04	0.85	0.67	1.26	1.20	2.29	7.79	-0.29	3.24	-0.06	47.76	0.01	FA	AAS,GRAV
COMLAB	4.79	-0.14	0.18	-0.62	0.05	-0.47	0.40	-0.25	1.00	0.15	0.64	0.47	1.03	0.25	9.01	2.41	3.10	-0.80	51.85	2.03	AR	MS
COMLAB	5.06	0.70	0.25	1.40	0.17	-3.00	0.46	0.77	0.98	-0.17	0.67	1.18	1.08	0.87	7.57	-0.76	3.13	-0.65	44.00	-1.85	PR,AR	AAS,DIBK
COMLAB	4.76	-0.24	0.15	-1.44	bid	bid	0.39	-0.38	0.96	-0.53	0.60	-0.31	1.18	2.05	8.09	0.38	3.48	1.27	49.80	1.01	FA	DIBK
COMLAB	4.41	-1.35	0.17	-0.87	0.04	-1.17	0.36	-0.87	0.94	-0.89	0.56	-1.17	0.91	-1.15	7.53	-0.85	2.91	-1.86	45.16	-1.28	AR	AAS
COMLAB	4.71	-0.40	0.19	-0.30	0.06	-0.17	0.39	-0.38	1.00	0.19	0.61	-0.10	0.97	-0.44	7.63	-0.63	3.14	-0.60	48.20	0.23	AR	DIBK
COMLAB	4.88	0.13	0.21	0.26	0.06	-0.17	0.41	-0.05	1.00	0.19	0.60	-0.31	1.03	0.27	7.95	0.07	3.24	-0.05	48.00	0.13	AR	DIBK
COMLAB	5.10	0.83	0.19	-0.30	0.06	-0.17	0.41	-0.05	1.00	0.19	0.64	0.54	1.03	0.27	7.80	-0.26	3.24	-0.05	48.20	0.23	AR	DIBK
COMLAB	4.93	0.29	0.19	-0.28	0.06	-0.22	0.42	0.15	1.00	0.19	0.63	0.39	0.99	-0.26	7.92	0.00	3.31	0.32	40.51	-3.00	AR	MS
COMLAB	4.88	0.13	0.32	-3.00	0.08	0.83	0.40	-0.22	1.00	0.19	0.60	-0.31	0.92	-1.03	7.84	-0.17	3.28	0.17	50.90	1.56	FA	AAS
COMLAB	5.00	0.51	0.26	1.68	0.18	-3.00	0.55	2.25	1.07	1.45	1.34	-3.00	1.18	2.05	6.97	-2.09	3.31	0.33	47.20	-0.27	FA	GRAV
COMLAB	4.99	0.48	0.22	0.55	0.08	0.83	0.30	-1.86	0.90	-1.61	0.58	-0.74	0.95	-0.67	7.84	-0.17	3.23	-0.11	47.79	0.02	AR	DIBK
COMLAB	4.88	0.13	0.18	-0.59	0.05	-0.67	0.46	0.77	0.94	-0.89	0.60	-0.31	0.99	-0.20	7.84	-0.17	3.16	-0.49	47.60	-0.07	AR	DIBK
COMLAB	4.42	-1.33	0.16	-1.10	0.02	-2.42	0.35	-1.07	1.03	0.69	0.54	-1.51	0.86	-1.78	6.89	-2.27	2.84	-2.23	45.66	-1.03	AR	AAS
COMLAB	4.32	-1.63	0.25	1.40	0.09	1.34	0.47	0.93	0.98	-0.17	0.63	0.32	1.02	1.16	8.08	0.36	3.24	-0.05	47.60	-1.07	AR	DIBK
COMLAB	4.47	-1.16	0.26	1.68	0.04	-1.17	0.37	-0.71	0.91	-1.43	0.59	-0.53	0.89	-1.38	8.36	0.98	3.07	-0.98	47.72	-0.01	AR	DIBK
COMLAB	4.74	-0.31	0.21	0.26	0.09	1.34	0.42	0.11	0.93	-1.07	0.63	0.32	0.96	-0.56	7.85	-0.15	3.17	-0.43	49.40	0.82	AR	MS
COMLAB	4.52	-1.00	0.21	0.26	0.08	0.83	0.45	0.60	1.00	0.19	0.65	0.75	0.99	-0.20	8.27	0.78	3.44	1.05	45.00	-1.35	AR	DIBK
COMLAB	5.03	0.61	0.27	1.96	0.08	0.83	0.39	-0.38	1.02	0.55	0.78	-3.00	0.97	-0.44	8.13	0.47	3.22	-0.16	50.48	1.35	AR	AAS
COMLAB	4.87	0.10	0.23	0.69	0.09	1.09	0.54	2.08	1.18	-3.00	0.68	1.28	1.05	0.51	8.34	0.93	3.50	1.38	50.30	1.26	FA	AAS,GRAV
COMLAB	5.10	0.83	0.18	-0.59	0.06	-0.17	0.40	-0.22	0.95	-0.71	0.60	-0.31	0.90	-1.27	7.90	-0.04	3.20	-0.27	47.77	0.01	PR,AR	AAS
COMLAB	3.00	-3.00	0.14	-1.75	0.04	-1.17	0.28	-2.14	0.72	-3.00	0.38	-3.00	0.50	-3.00	5.00	-3.00	3.00	-1.37	43.00	-2.34	AR	DIBK
COMLAB	4.51	-1.03	0.22	0.55	0.07	0.33	0.27	-2.35	1.10	1.99	0.28	-3.00	1.22	2.53	8.45	1.18	3.34	0.50	48.50	0.37	PR,AR	DIBK
COMLAB	5.46	1.96	0.24	1.11	0.27	-3.00	0.54	2.08	1.24	-3.00	0.67	1.18	1.08	0.87	8.09	0.38	3.35	0.55	48.33	0.29	PR,AR	DIBK
MINELAB	4.80	-0.12	0.26	1.68	0.15	-3.00	0.80	-3.00	1.21	-3.00	0.58	-0.74	1.18	2.05	7.39	-1.16	3.48	1.27	46.17	-0.78	AR	DIBK
MINELAB	4.78	-0.18	0.24	1.11	0.16	-3.00	0.48	1.10	0.98													

Low Grade Gold Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GLG310-1	GLG310-2	GLG310-3	GLG310-4	GLG310-5
MEAN (ppb)	3	52	119	88	80
STDEV (ppb)	1	4	9	8	9
95% CI (ppb)	0	1	2	2	2
95% CI (%)	13.27%	2.27%	2.09%	2.60%	3.11%
MIN (ppb)	1	43	98	73	63
MEDIAN (ppb)	3	53	120	86	79
MAX (ppb)	6	62	144	111	101
IQR (ppb)	3	5	12	12	12
COUNT	39	53	55	54	51

Standard Reference	GLG310-1		GLG310-2		GLG310-3		GLG310-4		GLG310-5		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
BECQUEREL-NAA	3	-0.26	60	1.81	135	1.68	98	1.19	68	-1.32	NAA	AAS
ZARAZMA	3	-0.27	53	0.14	118	-0.16	86	-0.25	95	1.68	FA	AAS
COMLAB	<1	bld	43	-2.10	105	-1.53	77	-1.28	71	-0.99	FA	MS
COMLAB	<2	bld	46	-1.36	110	-1.00	88	0.01	92	1.40	NAA	AAS
COMLAB	<5	bld	50	-0.49	122	0.29	80	-0.93	52	-3.00	FA	AAS
COMLAB	2	-0.97	52	-0.03	123	0.40	94	0.72	84	0.46	FA	AAS
COMLAB	2	-1.33	54	0.43	129	1.04	85	-0.35	86	0.68	FA	AAS
COMLAB	<5	bld	48	-0.95	122	0.29	92	0.48	81	0.13	FA	AAS
COMLAB	6	1.87	54	0.43	127	0.83	96	0.95	94	1.58	FA	AAS
COMLAB	4	0.45	79	3.00	170	3.00	111	2.72	116	3.00	FA	MS
COMLAB	3	-0.26	55	0.66	121	0.18	95	0.84	86	0.69	PR,AR	MS
COMLAB	3	-0.26	53	0.20	121	0.18	82	-0.69	110	3.00	FA	ES
COMLAB	9	3.00	55	0.66	122	0.29	86	-0.22	73	-0.76	FA	ES
COMLAB	3	-0.26	88	3.00	124	0.50	56	-3.00	76	-0.43	FA	AAS
COMLAB	3	-0.26	52	-0.03	117	-0.25	88	0.01	68	-1.32	FA	ES
COMLAB	<1	bld	52	-0.03	118	-0.14	96	0.95	81	0.13	FA	ES
COMLAB	2	-0.97	53	0.20	122	0.29	87	-0.10	77	-0.32	FA	AAS
COMLAB	2	-0.97	53	0.20	118	-0.14	94	0.72	78	-0.20	FA	ES
COMLAB	2	-0.97	55	0.66	124	0.50	125	3.00	93	1.47	FA	AAS
COMLAB	bld	bld	52	-0.03	118	-0.14	84	-0.46	85	0.58	FA	ES
COMLAB	3	-0.26	55	0.66	135	1.68	94	0.72	85	0.58	FA	ES
COMLAB	2	-0.97	53	0.20	115	-0.46	91	0.37	74	-0.65	AR	MS
COMLAB	2	-0.97	49	-0.72	124	0.50	85	-0.34	72	-0.87	FA	ES
COMLAB	<5	bld	45	-1.64	108	-1.21	80	-0.93	72	-0.87	AR	DIBK
COMLAB	6	1.87	55	0.66	118	-0.14	92	0.48	69	-1.21	AR	DIBK
COMLAB	5	1.16	57	1.12	124	0.50	87	-0.10	33	-3.00	FA	AAS
COMLAB	2	-0.97	50	-0.49	109	-1.10	94	0.72	79	-0.09	FA	AAS
COMLAB	13	3.00	62	2.25	136	1.79	106	2.13	75	-0.54	FA	AAS
COMLAB	3	-0.26	53	0.20	112	-0.78	82	-0.69	66	-1.54	FA	ES
COMLAB	6	1.87	53	0.20	110	-1.00	84	-0.46	77	-0.32	AR	MS
COMLAB	4	0.45	55	0.66	111	-0.89	90	0.25	74	-0.65	AR	AAS
COMLAB	4	0.45	55	0.66	103	-1.75	75	-1.52	92	1.36	FA	AAS
COMLAB	3	-0.26	52	-0.03	122	0.29	92	0.48	76	-0.43	FA	MS
COMLAB	8	3.00	56	0.89	135	1.68	96	0.95	80	0.02	FA	GF
COMLAB	2	-1.05	52	-0.15	124	0.50	80	-0.98	88	0.91	AR	MS
COMLAB	<10	bld	56	0.89	124	0.50	86	-0.22	75	-0.54	FA	ES
COMLAB	90	3.00	61	2.04	128	0.93	101	1.54	245	3.00	FA	ES
COMLAB	<10	bld	44	-1.87	112	-0.78	96	0.95	81	0.13	FA	ICP
COMLAB	<5	bld	50	-0.49	127	0.83	87	-0.10	86	0.69	FA	AAS
COMLAB	59	3.00	124	3.00	154	3.00	129	3.00	90	1.13	FA	AAS
COMLAB	5	1.16	55	0.66	129	1.04	97	1.07	74	-0.65	FA	AAS
COMLAB	2	-0.97	47	-1.18	103	-1.75	76	-1.40	66	-1.54	AR	MS
COMLAB	5	1.16	56	0.89	110	-1.00	83	-0.58	101	2.36	FA	DIBK
COMLAB	2	-0.97	51	-0.26	121	0.18	76	-1.40	72	-0.87	FA	ES
COMLAB	5	1.16	48	-0.95	105	-1.53	81	-0.81	68	-1.32	FA	ES
COMLAB	2	-0.97	53	0.08	119	-0.06	85	-0.40	84	0.46	FA	DIBK
COMLAB	5	1.16	51	-0.26	118	-0.14	74	-1.63	94	1.58	FA	AAS
COMLAB	5	1.16	51	-0.26	118	-0.14	85	-0.34	84	0.46	FA	MS
COMLAB	35	3.00	80	3.00	140	2.22	105	2.01	95	1.69	FA	GRAV
COMLAB	3	-0.26	50	-0.49	120	0.08	82	-0.69	81	0.13	FA	AAS
COMLAB	5	1.16	53	0.20	120	0.08	83	-0.58	80	0.02	FA	ES
COMLAB	3	-0.26	45	-1.64	70	-3.00	85	-0.34	63	-1.88	AR	DIBK
COMLAB	1	-1.68	47	-1.18	119	-0.03	84	-0.46	79	-0.09	FA	AAS
COMLAB	120	3.00	55	0.66	85	-3.00	42	-3.00	93	1.47	FA	AAS
MINELAB	5	1.16	46	-1.41	109	-1.10	78	-1.16	75	-0.54	FA	AAS
MINELAB	62	3.00	113	3.00	158	3.00	152	3.00	141	3.00	FA,AR	AAS
MINELAB	4	0.53	55	0.66	124	0.50	90	0.27	81	0.17	FA	ES
MINELAB	3	-0.26	36	-3.00	110	-1.00	84	-0.46	125	3.00	FA	AAS
MINELAB	bld	bld	51	-0.26	117	-0.25	103	1.78	72	-0.87	FA	AAS
MINELAB	12	3.00	62	2.36	144	2.64	119	3.00	88	0.90	AR	MS
MINELAB	10	3.00	60	1.81	120	0.08	105	2.01	110	3.00	FA	AAS
MINELAB	<5	bld	45	-1.64	98	-2.28	73	-1.75	nr	nr	FA,AR	AAS

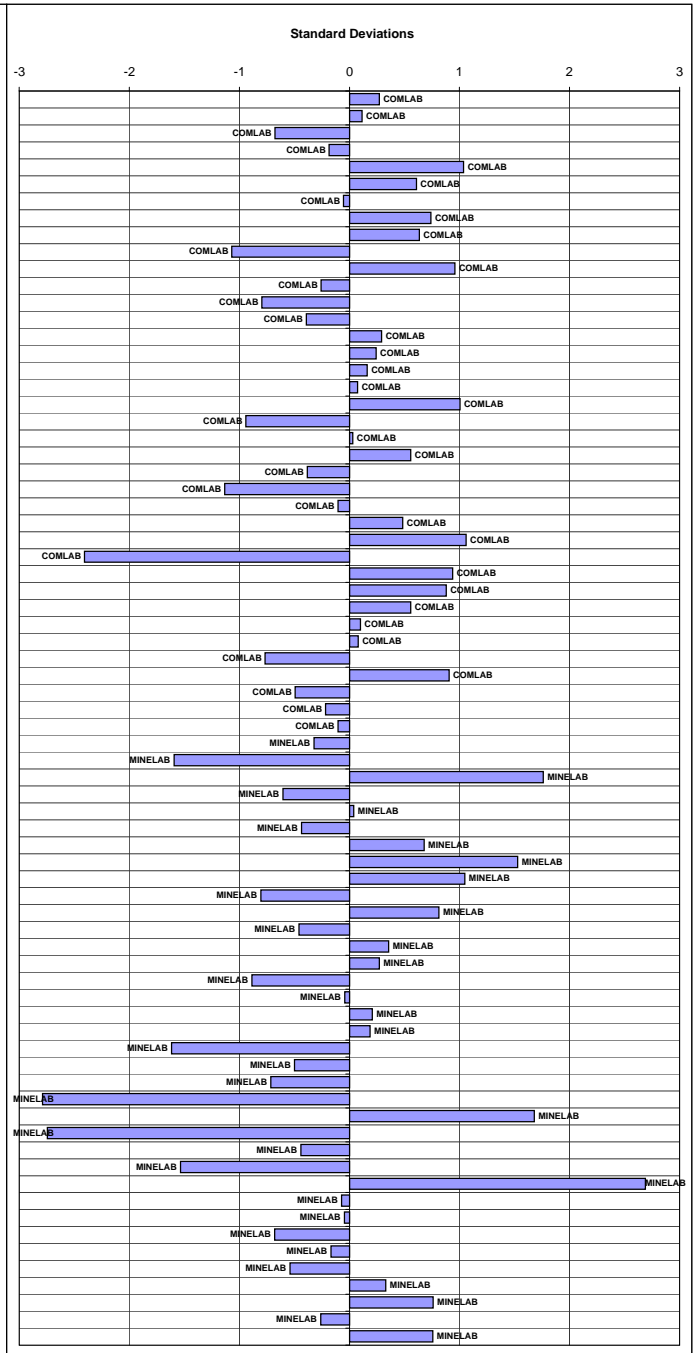
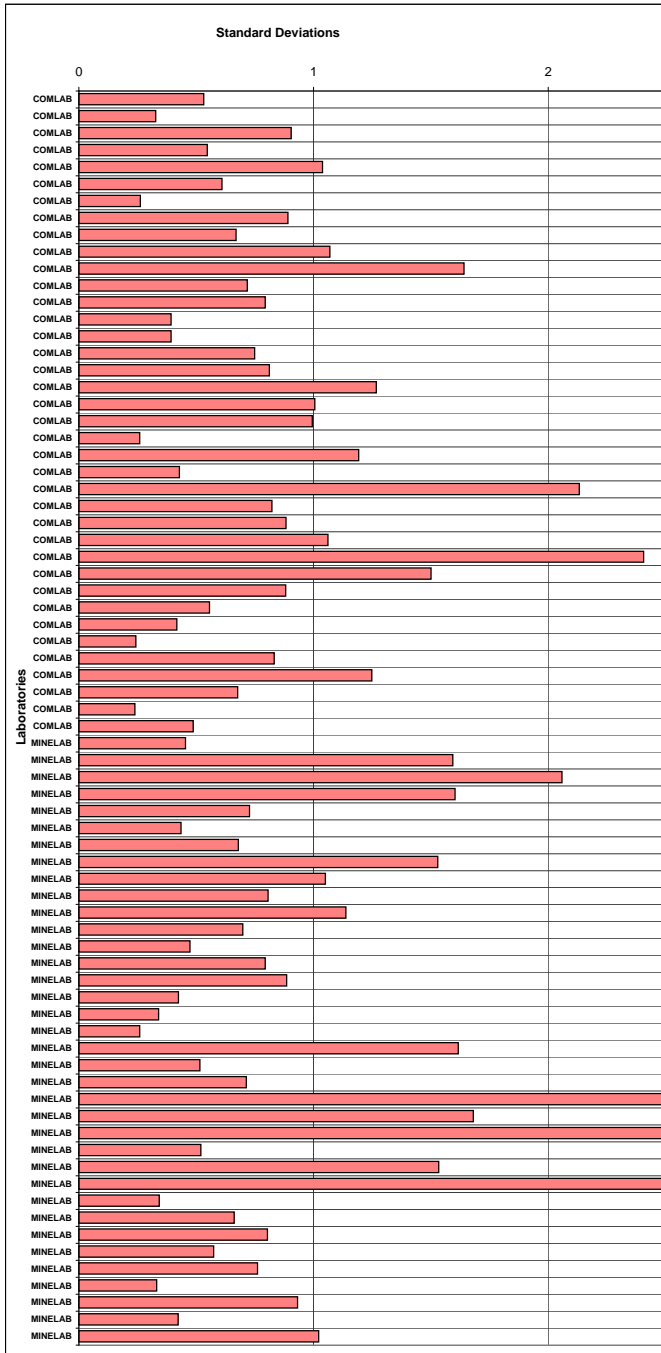
Highlighted values are outliers which are assigned a z-score of -3.00 or 3.00 in the standardised values

Gold on Carbon Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBC310-1	GBC310-2	GLC310-1	GLC310-2	GLC310-3	GLC310-4
MEAN (ppm)	209	246	4821	3170	2572	2389
STDEV (ppm)	30	16	217	202	201	243
95% CI (ppm)	7	4	54	48	48	56
95% CI (%)	3.40%	1.65%	1.11%	1.52%	1.86%	2.36%
MIN (ppm)	142	207	4218	2676	2040	1726
MEDIAN (ppm)	208	247	4847	3170	2560	2375
MAX (ppm)	280	284	5298	3598	2990	2975
IQR (ppm)	46	19	281	244	240	331
COUNT	71	64	64	68	69	72

Standard Reference	GBC310-1		GBC310-2		GLC310-1		GLC310-2		GLC310-3		GLC310-4		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
COMLAB	251	1.38	245	-0.08	5000	0.82	3030	-0.70	2580	0.04	2430	0.17	FA	GRAV
COMLAB	191	-0.58	245	-0.05	4943	0.56	3254	0.42	2595	0.11	2447	0.24	FA	GRAV
COMLAB	204	-0.17	245	-0.08	4624	-0.91	2676	-2.45	2344	-1.13	2556	0.69	FA	AAS
COMLAB	196	-0.43	230	-0.99	4950	0.59	3270	0.49	2540	-0.16	2240	-0.62	FA	GRAV
COMLAB	230	0.69	269	1.38	5040	1.01	3280	0.54	2880	1.53	2650	1.07	PR,AR	AAS
COMLAB	234	0.82	250	0.23	5090	1.24	3230	0.30	2630	0.29	2580	0.78	PR,AR	AAS
COMLAB	213	0.13	243	-0.20	4830	0.04	3020	-0.75	2580	0.04	2490	0.41	FA	GRAV
COMLAB	231	0.72	264	1.08	5100	1.28	3080	-0.45	2870	1.48	2470	0.33	PR,AR	AAS
COMLAB	228	0.63	260	0.83	4997	0.81	3150	-0.10	2751	0.89	2573	0.75	FA	GRAV
COMLAB	205	-0.13	245	-0.08	4570	-1.16	2890	-1.39	2110	-2.30	2060	-1.36	PR	AAS
COMLAB	234	0.82	306	3.00	4470	-1.62	3084	-0.43	2990	2.08	2850	1.90	FUS	XRF
COMLAB	200	-0.30	229	-1.05	4903	0.38	2971	-0.99	2773	1.00	2247	-0.59	FA	GRAV
COMLAB	184	-0.83	224	-1.35	4633	-0.87	3044	-0.63	2395	-0.88	2338	-0.21	FA	GRAV
COMLAB	208	-0.04	236	-0.61	4797	-0.11	2916	-1.26	2535	-0.18	2355	-0.14	FA	GRAV
COMLAB	200	-0.30	251	0.29	4973	0.70	3208	0.19	2619	0.23	2547	0.65	FA	GRAV
COMLAB	175	-1.12	261	0.89	4877	0.26	3090	-0.40	2748	0.87	2619	0.95	FA,PR	GRAV
COMLAB	172	-1.22	256	0.59	4742	-0.36	3562	1.94	2500	-0.36	2484	0.39	PR,AR	AAS
COMLAB	240	1.02	308	3.00	1860	-3.00	3104	-0.33	2572	0.00	2328	-0.25	FA	AAS
COMLAB	235	0.85	263	0.99	5037	0.99	3366	0.97	2786	1.06	2673	1.17	FA	GRAV
COMLAB	214	0.16	210	-2.20	4610	-0.97	3015	-0.77	2330	-1.20	2230	-0.66		
COMLAB	219	0.33	242	-0.26	4770	-0.24	3280	0.54	2550	-0.11	2370	-0.08	FA,PR	AAS
COMLAB	172	-1.22	235	-0.69	5100	1.28	3400	1.14	2800	1.13	2800	1.69	FA	GRAV
COMLAB	195	-0.46	241	-0.32	4851	0.14	3150	-0.10	2503	-0.34	2098	-1.20	FA	GRAV
COMLAB	363	3.00	155	-3.00	4218	-2.78	2767	-2.00	2245	-1.63	2296	-0.38	FA	GRAV
COMLAB	204	-0.17	277	1.87	4783	-0.18	3230	0.30	2434	-0.69	1966	-1.74	FA	AAS
COMLAB	264	1.81	263	1.02	4950	0.59	3190	0.10	2690	0.59	2100	-1.19	FA	AAS,GRAV
COMLAB	242	1.09	257	0.65	5071	1.15	3548	1.87	2785	1.06	2522	0.55	FA,PR	GRAV
COMLAB	155	-1.78	207	-2.41	3553	-3.00	2514	-3.00	2040	-2.65	2002	-1.60	FA	AAS
COMLAB	253	1.45	277	1.87	nr	nr	3540	1.83	2290	-1.40	2620	0.95	FA	GRAV
COMLAB	250	1.35	280	2.05	4930	0.50	3184	0.07	2679	0.53	2580	0.78	PR,AR	AAS
COMLAB	236	0.89	251	0.29	4912	0.42	3236	0.33	2730	0.79	2544	0.64		
COMLAB	244	1.15	250	0.23	4860	0.18	3170	0.00	2530	-0.21	2210	-0.74	FA	GRAV
COMLAB	208	-0.04	251	0.29	4950	0.59	3170	0.00	2590	0.09	2280	-0.45	AR	AAS
COMLAB	210	0.03	249	0.17	4309	-2.36	2808	-1.80	2526	-0.23	2290	-0.41	FA	GRAV
COMLAB	178	-1.02	250	0.23	5262	2.03	3579	2.03	2712	0.70	2750	1.48	PR	AAS
COMLAB	172	-1.22	230	-0.99	4804	-0.08	3282	0.55	2505	-0.33	2175	-0.88	FA	GRAV
COMLAB	211	0.06	244	-0.14	4803	-0.08	3058	-0.56	2473	-0.49	2367	-0.09	FA,PR	GRAV
COMLAB	204	-0.17	250	0.23	4676	-0.67	3357	0.93	2512	-0.30	2236	-0.63	FA,PR	GRAV
MINELAB	205	-0.13	236	-0.62	4627	-0.89	3153	-0.09	2454	-0.59	2486	0.40	AR	AAS
MINELAB	172	-1.21	230	-1.01	3305	-3.00	3131	-0.20	2077	-2.46	1980	-1.69	FA	AAS
MINELAB	182	-0.89	304	3.00	5576	3.00	3598	2.12	2982	2.04	2704	1.30	AR	AAS
MINELAB	190	-0.63	210	-2.20	4460	-1.66	3000	-0.85	3300	3.00	2080	-1.27	FA	AAS,GRAV
MINELAB	197	-0.40	255	0.52	4610	-0.97	3032	-0.69	2717	0.72	2648	1.06	PR,AR	AAS
MINELAB	195	-0.46	241	-0.32	4790	-0.14	3073	-0.48	2499	-0.36	2186	-0.84	FA	GRAV
MINELAB	230	0.69	248	0.10	4860	0.18	3300	0.64	2850	1.38	2650	1.07	AR	AAS
MINELAB	240	1.02	284	2.29	5298	2.20	3453	1.40	2843	1.35	2613	0.92	PR	AAS
MINELAB	247	1.25	266	1.20	4843	0.10	3465	1.46	2775	1.01	2700	1.28	FA	AAS
MINELAB	175	-1.12	229	-1.05	4562	-1.19	3099	-0.35	2483	-0.44	2227	-0.67	FA,PR	AAS,GRAV
MINELAB	273	2.11	348	3.00	4610	-0.97	3206	0.18	2606	0.17	2486	0.40	PP	XRF
MINELAB	142	-2.21	253	0.40	4790	-0.15	3188	0.09	2619	0.23	2121	-1.11	FA	GRAV
MINELAB	240	1.02	255	0.51	4750	-0.33	3166	-0.02	2641	0.34	2539	0.62	AR	AAS
MINELAB	185	-0.81	248	0.10	5089	1.24	3357	0.92	2760	0.93	2205	-0.76	FA	GRAV
MINELAB	171	-1.26	230	-0.99	4728	-0.43	2969	-1.00	2323	-1.24	2293	-0.40	PR	AAS
MINELAB	205	-0.13	235	-0.69	4951	0.60	3280	0.54	2548	-0.12	2277	-0.46	AR	AAS
MINELAB	213	0.13	258	0.71	4890	0.32	3090	-0.40	2579	0.03	2498	0.45	PR	DIBK
MINELAB	219	0.32	244	-0.15	4852	0.14	3293	0.61	2560	-0.06	2454	0.27	PR	GRAV
MINELAB	179	-0.99	212	-2.10	4520	-1.39	2519	-3.00	2229	-1.71	2265	-0.51	FA	GRAV
MINELAB	209	0.00	241	-0.29	4690	-0.60	2874	-1.47	2436	-0.67	2401	0.05	FA,PR	GRAV
MINELAB	187	-0.73	238	-0.50	4674	-0.68	2963	-1.03	2477	-0.47	2179	-0.87	FA	AAS,GRAV
MINELAB	148	-2.00	182	-3.00	3181	-3.00	1735	-3.00	1891	-3.00	1726	-2.73	FA	GRAV
MINELAB	259	1.65	309	3.00	5013	0.88	3386	1.07	2920	1.73	2815	1.75	PR,AR	DIBK
MINELAB	78	-3.00	102	-3.00	4374	-2.06	2555	-3.00	2076	-2.47	1675	-2.94	AR	AAS
MINELAB	216	0.24	244	-0.17	4770	-0.24	3091	-0.39	2466	-0.53	2013	-1.55	AR	AAS
MINELAB	196	-0.43	222	-1.47	3480	-3.00	2700	-2.33	2360	-1.05	2170	-0.90	FA	AAS
MINELAB	262	1.73	331	3.00	6330	3.00	4070	3.00	3395	3.00	2975	2.41	FA	AAS
MINELAB	214	0.16	257	0.65	4786	-0.16	3109	-0.30	2532	-0.20	2249	-0.58	PR,AR	AAS
MINELAB	190	-0.62	237	-0.55	4940	0.55	2980	-0.94	2710	0.69	2540	0.62	FA	AAS
MINELAB	180	-0.96	250	0.23	4400	-1.94	3200	0.15	2500	-0.36	2100	-1.19	FA	AAS
MINELAB	212	0.10	240	-0.38	5065	1.12	3027	-0.71	2448	-0.62	2264	-0.52		
MINELAB	165	-1.45	240	-0.38	4575	-1.13	3305	0.67	2480	-0.46	2275	-0.47	AR	AAS
MINELAB	218	0.29	253	0.41	4920	0.46	3245	0.37	2608	0.18	2458	0.28	AR	AAS
MINELAB	280	2.34	267	1.26	4974	0.70	3327	0.78	2478	-0.47	2379	-0.04	PR,AR	AAS
MINELAB	200	-0.30	252	0.35	4660	-0.74	3080	-0.45	2460	-0.56	2425	0.15	AAS	
MINELAB	185	-0.79	261	0.88	5077	1.18	3343	0.85	2792	1.09	2714	1.33	FA	GRAV

Highlighted values are outliers which are assigned a z-score of -3.00 or 3.00 in the standardised values

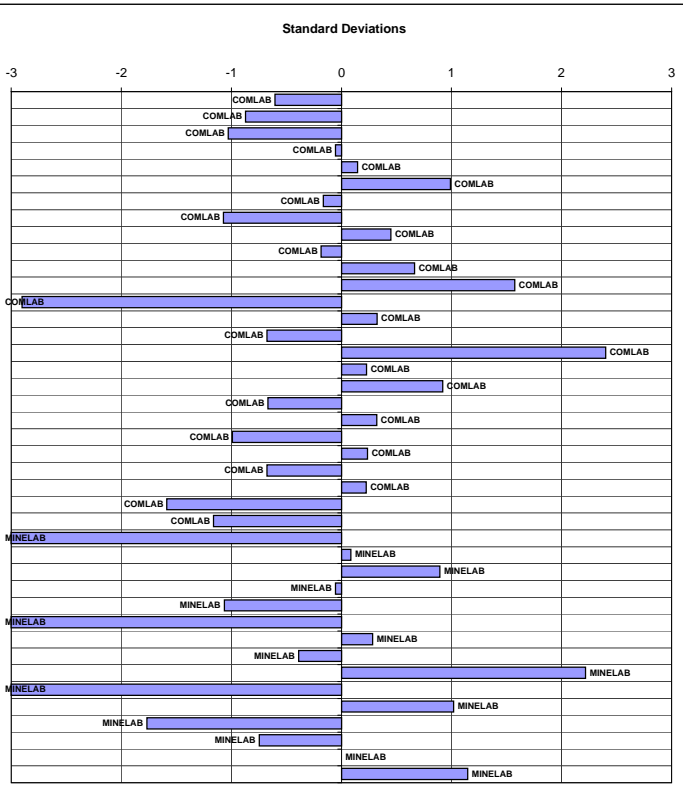
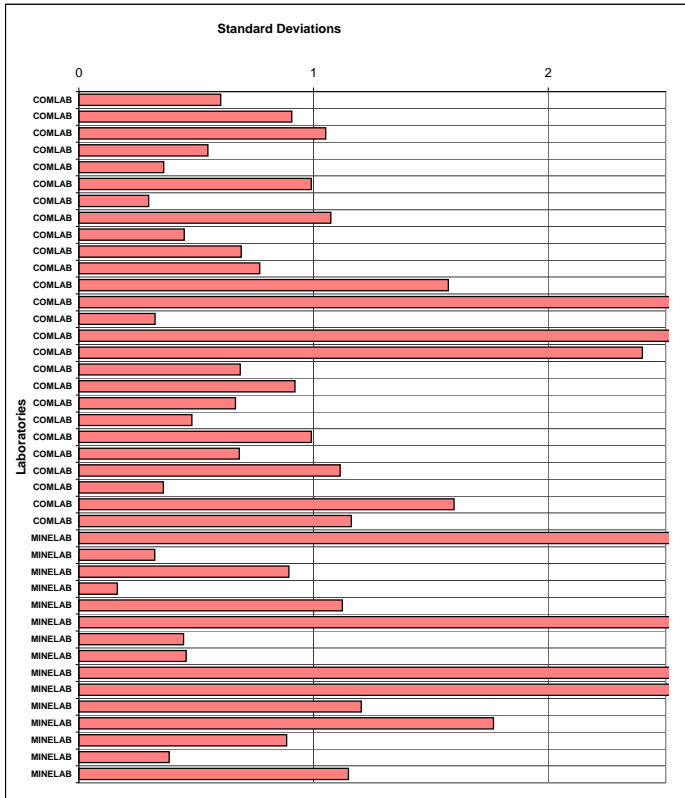


Silver on Carbon Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBC310-1	GBC310-2	GLC310-1	GLC310-2	GLC310-3	GLC310-4
MEAN (ppm)	481	475	3003	1124	2163	2035
STDEV (ppm)	64	28	297	79	174	172
95% CI (ppm)	22	10	100	28	60	60
95% CI (%)	4.66%	2.18%	3.32%	2.53%	2.79%	2.93%
MIN (ppm)	345	420	2290	959	1800	1669
MEDIAN (ppm)	478	481	3050	1120	2170	2041
MAX (ppm)	622	534	3480	1260	2565	2358
IQR (ppm)	54	36	303	106	139	211
COUNT	32	30	35	31	33	33

Standard Reference	GBC310-1		GBC310-2		GLC310-1		GLC310-2		GLC310-3		GLC310-4		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
COMLAB	461	-0.31	446	-1.03	2900	-0.35	1020	-1.31	2080	-0.48	2010	-0.14	FA	GRAV
COMLAB	488	0.10	470	-0.20	2541	-1.56	984	-1.77	1967	-1.12	1918	-0.68	FA	GRAV
COMLAB	nr	nr	476	0.02	nr	nr	959	-2.08	nr	nr	nr	nr	FA	GRAV
COMLAB	465	-0.25	445	-1.07	3200	0.66	1085	-0.49	2200	0.21	2140	0.61	PR,AR	AAS
COMLAB	501	0.31	471	-0.15	3100	0.33	1085	-0.49	2210	0.27	2140	0.61	FA	GRAV
COMLAB	507	0.41	506	1.07	3346	1.15	1213	1.13	2353	1.09	2223	1.09	FA	GRAV
COMLAB	460	-0.33	485	0.34	2850	-0.52	1090	-0.43	2145	-0.10	2045	0.06	FUS	XRF
COMLAB	360	-1.91	258	3.00	2941	-0.21	1083	-0.51	2129	-0.20	1929	-0.61	AR	AAS
COMLAB	528	0.74	483	0.27	3150	0.49	1190	0.83	2180	0.10	2080	0.26	3A	AAS
COMLAB	552	1.11	487	0.41	2979	-0.08	1038	-1.08	2065	-0.56	1880	-0.90	FA	GRAV
COMLAB	461	-0.31	513	1.32	3205	0.68	1225	1.27	2230	0.38	2147	0.65	FA	GRAV
COMLAB	574	1.46	534	2.06	3371	1.24	1221	1.22	2440	1.59	2358	1.88	FA	GRAV
COMLAB	161	-3.00	133	-3.00	2290	-2.40	453	-3.00	994	-3.00	918	-3.00		
COMLAB	502	0.33	488	0.44	3220	0.73	1140	0.20	2170	0.04	2070	0.21	AR	AAS
COMLAB	nr	nr	nr	nr	2400	-2.03	<500	bld	1500	-3.00	1500	3.00	3A	MS
COMLAB	955	3.00	911	3.00	3480	1.60	1733	3.00	2565	2.30	2292	1.50	FA	GRAV
COMLAB	460	-0.33	530	1.92	3000	-0.01	1190	0.83	2140	-0.13	1880	-0.90	AR	AAS
COMLAB	554	1.15	484	0.30	3355	1.18	1166	0.53	2405	1.39	2203	0.98	FA	GRAV
COMLAB	477	-0.06	436	-1.38	2908	-0.32	1028	-1.21	2065	-0.56	1955	-0.46	FA	AAS
COMLAB	560	1.24	463	-0.43	3140	0.46	1120	-0.05	2200	0.21	2120	0.50	AR	AAS
COMLAB	435	-0.72	436	-1.38	2780	-0.75	1070	-0.68	1840	-1.85	1940	-0.55	AR	AAS
COMLAB	396	-1.34	479	0.13	3050	0.16	1260	1.71	2210	0.27	2120	0.50	AR	AAS
COMLAB	430	-0.80	386	-3.00	2645	-1.21	1142	0.23	2100	-0.36	2221	1.08	FA	GRAV
COMLAB	476	-0.08	482	0.23	3185	0.61	1175	0.64	2210	0.27	1979	-0.32	AD	AAS
COMLAB	483	0.03	456	-0.68	2960	-2.17	847	-3.00	1825	-1.94	1730	-1.77	FA,PR	GRAV
COMLAB	477	-0.06	453	-0.79	2610	-1.32	994	-1.64	1984	-1.03	1669	-2.13	FA,PR	GRAV
MINELAB	112	-3.00	100	-3.00	1532	-3.00	710	-3.00	749	-3.00	799	-3.00	AR	AAS
MINELAB	478	-0.05	485	0.34	3121	0.40	1157	0.41	2176	0.07	1920	-0.67	FA	GRAV
MINELAB	535	0.85	490	0.52	3220	0.73	1200	0.96	2350	1.07	2250	1.25	AR	AAS
MINELAB	462	-0.30	477	0.06	3072	0.23	1109	-0.19	2135	-0.16	2041	0.04	PP	XRF
MINELAB	345	-2.13	357	-3.00	3057	0.18	1116	-0.11	2000	-0.94	1969	-0.38	AR	AAS
MINELAB	231	-3.00	195	-3.00	485	-3.00	569	-3.00	680	-3.00	577	-3.00	AR	AAS
MINELAB	568	1.36	491	0.55	3031	0.09	1091	-0.42	2152	-0.06	2066	0.18	PR	GRAV
MINELAB	494	0.20	446	-1.03	3004	0.00	1120	-0.05	2076	-0.50	1870	-0.96	FA	GRAV
MINELAB	676	3.00	427	-1.70	4617	3.00	1609	3.00	2734	3.00	2808	3.00	FA	GRAV
MINELAB	94	-3.00	98	-3.00	953	-3.00	330	-3.00	553	-3.00	385	-3.00	AR	AAS
MINELAB	622	2.21	496	0.73	3352	1.17	1237	1.42	2361	1.13	1940	-0.55	AR	AAS
MINELAB	400	-1.27	420	-1.94	2900	-0.35	870	-3.00	1800	-2.08	1700	-1.94	FA	GRAV
MINELAB	374	-1.68	364	-3.00	3035	0.11	1125	0.01	2215	0.30	1998	-0.21		
MINELAB	440	-0.64	464	-0.40	3190	0.63	1141	0.21	2145	-0.10	2090	0.32		GRAV
MINELAB	509	0.43	506	1.07	3321	1.07	1214	1.13	2410	1.42	2339	1.77	FA	GRAV

Highlighted values are outliers which are assigned a z-score of -3.00 or 3.00 in the standardised values



Silver Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

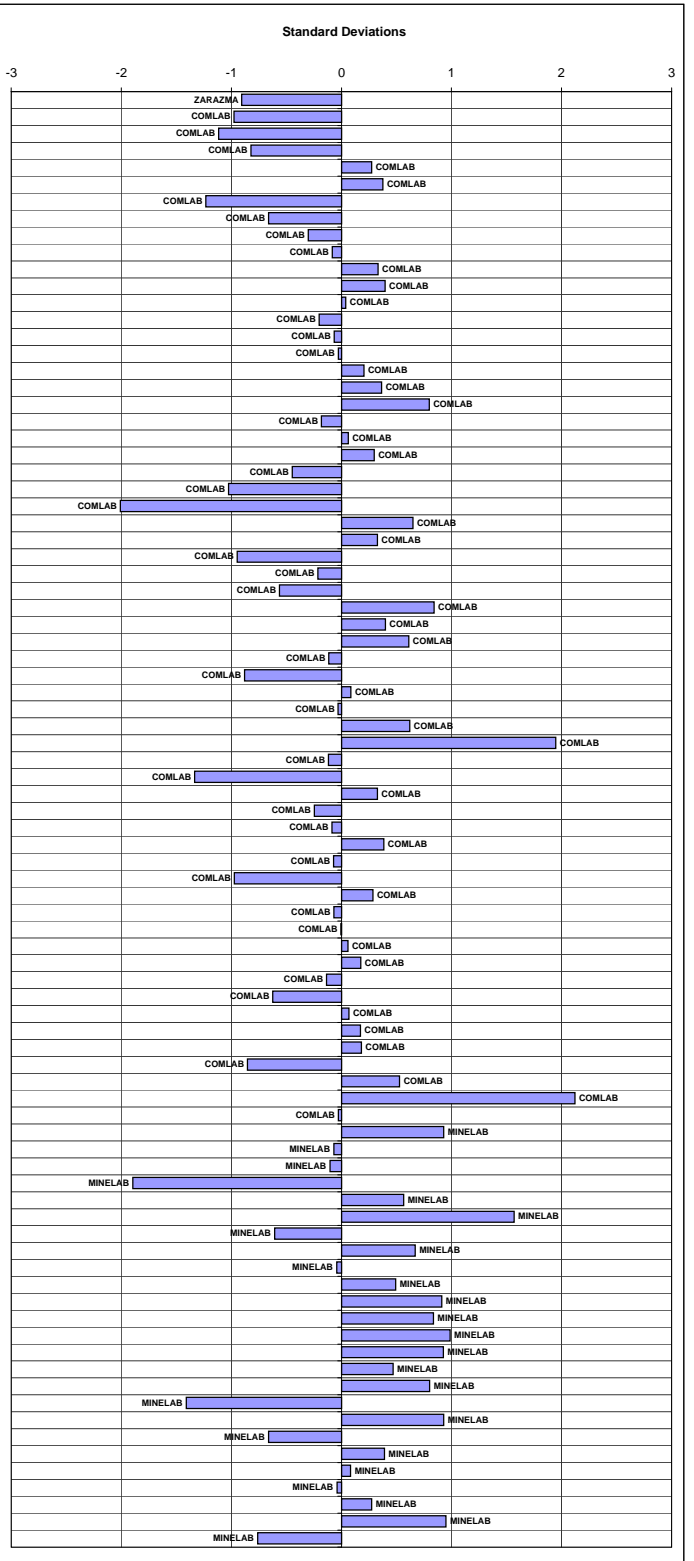
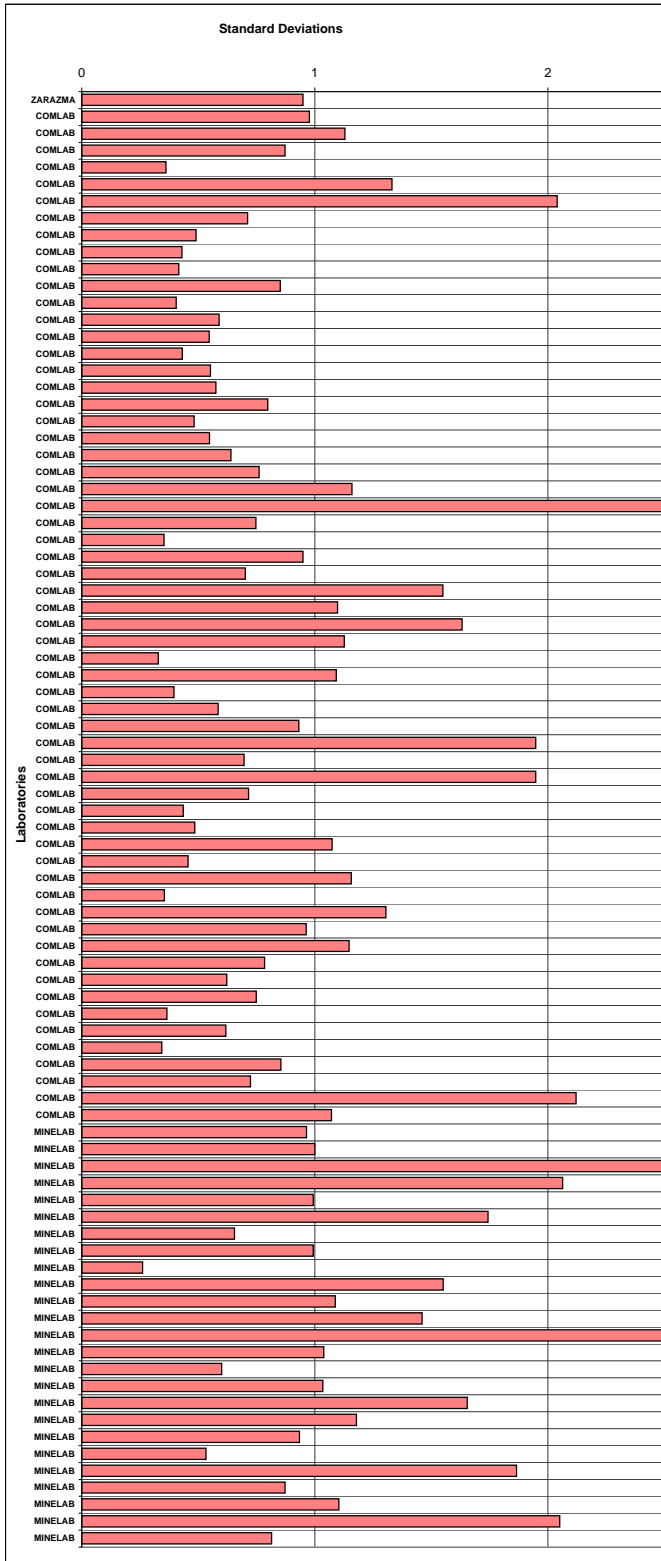
Standard Reference	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10
MEAN (ppm)	19.0	45.3	19.3	58.2	0.5	2.6	50.1	0.5	3.1	5.0
STDEV (ppm)	1.7	3.4	1.5	3.4	0.1	0.4	2.9	0.3	0.2	0.6
95% CI (ppm)	0.4	0.8	0.4	0.8	0.0	0.1	0.7	0.1	0.1	0.1
95% CI (%)	2.07%	1.73%	1.83%	1.35%	9.38%	3.74%	1.32%	22.44%	1.75%	2.76%
MIN (ppm)	14.4	36.0	15.6	50.0	0.3	1.8	43.0	0.1	2.8	3.7
MEDIAN (ppm)	19.0	45.0	19.2	58.6	0.5	2.5	50.2	0.3	3.1	5.0
MAX (ppm)	22.4	52.7	23.3	65.3	0.9	3.7	57.6	1.2	3.6	6.5
IQR (ppm)	2.0	3.8	1.6	4.5	0.1	0.4	3.0	0.5	0.3	0.6
COUNT	74	75	69	72	33	66	76	34	63	67

Standard Reference	GBM310-1		GBM310-2		GBM310-3		GBM310-4		GBM310-5		GBM310-6		GBM310-7		GBM310-8		GBM310-9		GBM310-10		Method	Reading
	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
Lab Reference																						
BECQUEREL-NAA	17.0	-1.16	43.0	-0.66	19.8	0.36	55.0	-0.96	<1.0	bid	2.9	0.76	48.0	-0.71	<1.0	bid	2.8	-1.49	4.6	-0.75	NAA	
ZARAZMA	18.1	-0.51	43.7	-0.46	19.6	0.22	65.3	2.09	0.4	-0.84	2.4	-0.49	48.6	-0.51	0.2	-0.77	3.0	-0.77	5.2	0.30	AR	ES
COMLAB	16.0	-1.74	43.0	-0.66	17.0	-1.53	56.0	-0.66	<2.0	bid	<2.0	bid	47.0	-1.06	<2.0	bid	3.0	-0.58	3.0	3.00	4A	ES
COMLAB	19.1	0.07	45.8	0.15	18.3	-0.65	53.6	-1.37	0.3	-1.44	1.9	-1.74	46.9	-1.10	0.2	-0.90	2.4	-3.00	3.7	-2.31	AR	ICP
COMLAB	21.2	1.31	44.9	-0.11	21.7	1.63	60.1	0.54	0.5	0.07	2.4	-0.62	53.3	1.13	0.5	-0.12	3.1	-0.13	5.0	-0.05	AR	ES
COMLAB	18.2	-0.46	48.0	0.79	20.3	0.70	58.5	0.08	<0.4	bid	2.2	-0.99	50.3	0.08	<0.4	bid	3.0	-0.58	4.8	-0.40	4A	AAS
COMLAB	16.1	-1.68	49.4	1.20	24.9	3.00	53.1	-1.52	0.7	1.57	2.7	0.26	46.0	-1.41	0.1	-1.21	2.8	-1.49	5.0	-0.05	4A	AAS
COMLAB	17.7	-0.75	44.7	-0.17	23.3	2.73	62.0	-1.84	0.4	-0.76	2.4	-0.44	48.5	-0.54	0.5	0.07	3.3	0.78	4.9	-0.21	1A	ES
COMLAB	20.7	1.00	50.5	1.52	19.0	-0.18	53.0	1.41	0.5	0.07	2.3	-0.74	55.5	1.89	0.2	-0.90	3.4	1.24	5.6	0.99	AR	ES
COMLAB	16.9	-1.22	38.2	-2.06	18.7	-0.38	50.1	-2.40	0.5	0.07	2.4	-0.49	43.0	-2.45	0.6	0.35	3.1	-0.13	4.5	-0.92	4A	ES
COMLAB	18.9	-0.05	47.8	0.74	19.5	0.16	59.0	0.23	0.5	0.07	2.6	0.01	50.0	-0.02	<0.5	bid	3.2	0.33	4.8	-0.40	4A	ES
COMLAB	22.0	1.76	47.2	0.56	20.2	0.63	60.2	0.58	<0.5	bid	2.2	-0.99	53.5	1.19	<0.5	bid	3.2	0.33	4.6	-0.76	4A	ES
COMLAB	22.4	2.00	43.8	-0.43	18.4	-0.58	57.3	-0.28	<0.5	bid	2.3	-0.74	49.6	-0.16	<0.5	bid	3.2	0.33	4.7	-0.57	4A	ES
COMLAB	19.6	0.36	46.2	0.27	20.8	1.04	59.3	0.31	0.7	1.57	2.8	0.51	53.0	1.02	<0.5	bid	3.1	-0.13	4.8	-0.40	4A	ES
COMLAB	19.1	0.07	45.5	0.07	20.7	0.97	58.5	0.08	<0.5	bid	2.6	0.01	51.8	0.60	<0.5	bid	2.9	-1.04	4.9	-0.23	4A	ES
COMLAB	18.7	-0.16	45.9	0.18	19.1	-0.11	61.5	0.96	0.4	-0.69	2.8	0.51	51.0	0.33	0.2	-0.90	3.2	0.33	4.7	-0.57	AR	ES
COMLAB	18.2	-0.46	46.7	0.42	19.0	-0.18	61.0	0.82	0.6	0.82	2.4	-0.49	48.4	-0.58	<0.5	bid	3.0	-0.58	4.7	-0.57	4A	ES
COMLAB	19.1	0.07	44.2	-0.31	19.2	-0.04	61.6	0.99	0.4	-0.69	3.5	2.26	50.3	0.08	0.2	-0.90	3.2	0.33	5.1	0.12	AR	AAS
COMLAB	19.0	0.01	43.0	-0.66	20.0	0.50	57.0	-0.36	<1.0	bid	3.0	1.01	50.0	-0.02	<1.0	bid	3.0	-0.58	5.0	-0.05	AR	AAS
COMLAB	19.3	0.19	49.8	1.32	19.2	-0.04	60.3	0.61	bid	bid	2.4	-0.49	52.0	0.67	bid	bid	3.1	-0.13	5.9	1.51	AR	ES
COMLAB	19.0	0.01	45.0	-0.08	19.0	-0.18	60.0	0.52	<1.0	bid	2.0	-1.49	50.0	-0.02	<1.0	bid	3.0	-0.58	5.0	-0.05	4A	ES
COMLAB	19.0	0.01	45.0	-0.08	17.0	-1.53	60.7	0.73	0.5	0.07	2.4	-0.49	51.0	0.33	0.3	-0.58	2.8	-1.49	5.1	0.12	4A	MS
COMLAB	18.0	-0.60	42.8	-0.73	18.4	-0.59	55.7	-0.74	0.5	-0.31	2.5	-0.37	49.0	-0.37	0.7	0.60	3.8	3.00	5.5	0.82	4A	ES
COMLAB	20.0	0.59	46.0	0.21	20.0	0.50	58.0	-0.07	<2.0	bid	3.0	1.01	51.0	0.33	<2.0	bid	3.0	-0.58	8.0	3.00	3A	ES
COMLAB	8.0	-3.00	25.0	3.00	9.0	-3.00	12.0	-3.00	2.0	3.00	3.0	1.01	19.0	-3.00	<1.0	bid	1.0	3.00	4.0	-1.79	3A	AAS
COMLAB	4.3	-3.00	3.6	3.00	7.0	-3.00	5.0	-3.00	1.6	3.00	6.2	3.00	1.8	-3.00	0.1	-1.30	3.0	-0.81	4.5	-0.99	AR	AAS
COMLAB	19.0	0.01	43.0	-0.66	16.0	-2.20	59.0	0.23	<1.0	bid	2.0	-1.49	49.0	-0.37	<1.0	bid	3.0	-0.58	4.0	-1.79	AR	AAS
COMLAB	18.9	-0.05	43.6	-0.49	19.9	0.43	58.6	0.11	<0.5	bid	2.5	-0.24	50.8	0.26	<0.5	bid	3.1	-0.13	5.3	0.47	4A	AAS
COMLAB	19.9	0.54	50.2	1.43	24.6	3.00	57.3	-0.28	3.1	3.00	5.9	3.00	51.3	0.43	1.7	-3.00	5.2	3.00	9.7	3.00	4A	AAS
COMLAB	18.7	-0.16	42.7	-0.75	18.5	-0.51	53.8	-1.31	0.6	0.82	2.7	0.26	44.1	-2.07	0.6	0.35	3.4	1.24	7.9	3.00	4A	ES
COMLAB	21.3	1.37	52.7	2.16	19.2	-0.06	60.5	0.65	<2.0	bid	2.4	-0.49	54.9	1.67	<2.0	bid	2.9	-1.04	5.4	0.57	AR	MS
COMLAB	8.8	-3.00	43.4	-0.56	7.4	-3.00	54.4	-1.13	<2.0	bid	3.4	2.08	47.9	-0.76	2.1	3.00	<2.0	bid	7.7	3.00	4A	ES
COMLAB	22.0	1.76	51.0	1.67	20.0	0.50	61.0	0.82	3.0	3.00	4.0	3.00	45.0	-1.76	2.0	3.00	5.0	3.00	7.0	3.00	AR	AAS
COMLAB	17.9	-0.63	40.0	-1.53	21.0	1.17	56.0	-0.66	0.4	-0.69	2.4	-0.49	47.6	-0.85	0.2	-0.90	2.9	-1.04	4.7	-0.57	4A	MS
COMLAB	17.8	-0.69	42.3	-0.86	18.9	-0.24	57.5	-0.22	0.5	0.07	2.5	-0.24	48.5	-0.54	<0.5	bid	3.0	-0.58	5.0	-0.05	4A	ES
COMLAB	18.2	-0.46	43.4	-0.54	19.5	0.16	55.4	-0.84	0.9	3.00	2.8	0.51	48.7	-0.47	0.9	1.29	3.5	1.70	6.3	2.21	4A	ES
COMLAB	20.0	0.59	47.0	0.50	20.0	0.50	59.0	0.23	<1.0	bid	2.0	-1.49	52.0	0.67	<1.0	bid	3.0	-0.58	5.0	-0.05	AR	AAS
COMLAB	18.0	-0.57	51.0	1.67	18.0	-0.85	59.0	0.23	0.4	-0.69	3.0	1.01	52.0	0.67	0.6	0.35	3.0	-0.58	5.0	-0.05	4A	MS
COMLAB	19.3	0.19	45.7	0.13	19.0	-0.18	58.7	0.14	0.5	0.07	2.7	0.26	50.6	0.19	0.3	-0.58	3.4	1.24	5.3	0.47	4A	AAS
COMLAB	19.6	0.36	50.8	1.61	20.5	0.84	63.9	1.67	0.4	-0.69	2.6	0.01	54.5	1.54	0.2	-0.90	3.4	1.24	5.2	0.30	AR	AAS
COMLAB	17.2	-1.04	44.5	-0.22	15.6	-2.47	54.9	-0.99	0.4	-0.69	2.2	-0.99	47.6	-0.85	0.2	-0.90	2.8	-1.49	4.8	-0.40	1A	AAS
COMLAB	16.0	-1.74	42.0	-0.95	20.0	0.50	50.0	-2.43	bid	bid	bid	bid	45.0	-1.76	bid	bid	3.0	-0.58	6.0	1.69	4A	ES
COMLAB	20.2	0.71	44.0	-0.37	20.8	1.04	60.0	0.52	0.7	1.57	2.5	-0.24	48.9	-0.40	<0.5	bid	3.2	0.33	5.3	0.47	AR	AAS
COMLAB	20.3	0.77	45.5	0.07	19.2	-0.04	57.0	-0.36	0.5	0.07	2.7	0.26	50.5	0.15	<0.5	bid	3.4	1.24	5.4	0.64	3A	AAS
COMLAB	22.0	1.76	45.0	-0.08	22.0	1.85	64.0	1.70	<1.0	bid	3.0	1.01	52.0	0.67	<1.0	bid	3.0	-0.58	5.0	-0.05	4A	AAS
COMLAB	18.6	-0.22	43.2	-0.60	18.2	-0.72	58.1	-0.04	0.5	0.07	2.6	0.01	50.1	0.01	0.3	-0.58	3.2	0.33	5.1	0.12	4A	AAS
COMLAB	17.6	-0.81	43.8	-0.43	17.3	-1.32	56.3	-0.57	0.4	-0.69	2.4	-0.49	47.5	-0.89	0.3	-0.58	3.0	-0.58	4.4	-1.09	4A	MS
COMLAB	16.5	-1.48	42.1	-0.92	17.2	-1.41	53.6	-1.37	<0.3	bid	1.8	-2.10	46.6	-1.21	<0.3	bid	2.4	-3.00	4.6	-0.70	AR	AAS
COMLAB	20.2	0.71	47.5	0.65	18.6	-0.45	61.9	1.08	<0.5	bid	2.6	0.01	52.1	0.71	<0.5	bid	2.8	-1.49	4.8	-0.40	4A	ES
COMLAB	18.7	-0.16	43.0	-0.66	18.7	-0.38	60.0	0.52	2.0	3.00	2.3	-0.74	52.0	0.67	bid	bid	4.3	3.				

Copper Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10
MEAN (ppm)	5825	6928	14375	500	335	6951	19	396	63	14736
STDEV (ppm)	222	261	708	22	20	274	5	7	7	613
95% CI (ppm)	51	59	160	5	5	63	1	5	2	138
95% CI (%)	0.87%	0.85%	1.11%	0.99%	1.38%	0.90%	5.79%	1.16%	2.45%	0.94%
MIN (ppm)	5375	6200	12494	453	283	6318	8	341	47	13200
MEDIAN (ppm)	5800	6930	14494	500	337	6960	19	398	63	14700
MAX (ppm)	6430	7589	16019	546	391	7630	32	449	81	16300
IQR (ppm)	288	322	947	32	29	334	5	29	8	728
COUNT	75	77	76	76	74	75	72	77	78	77

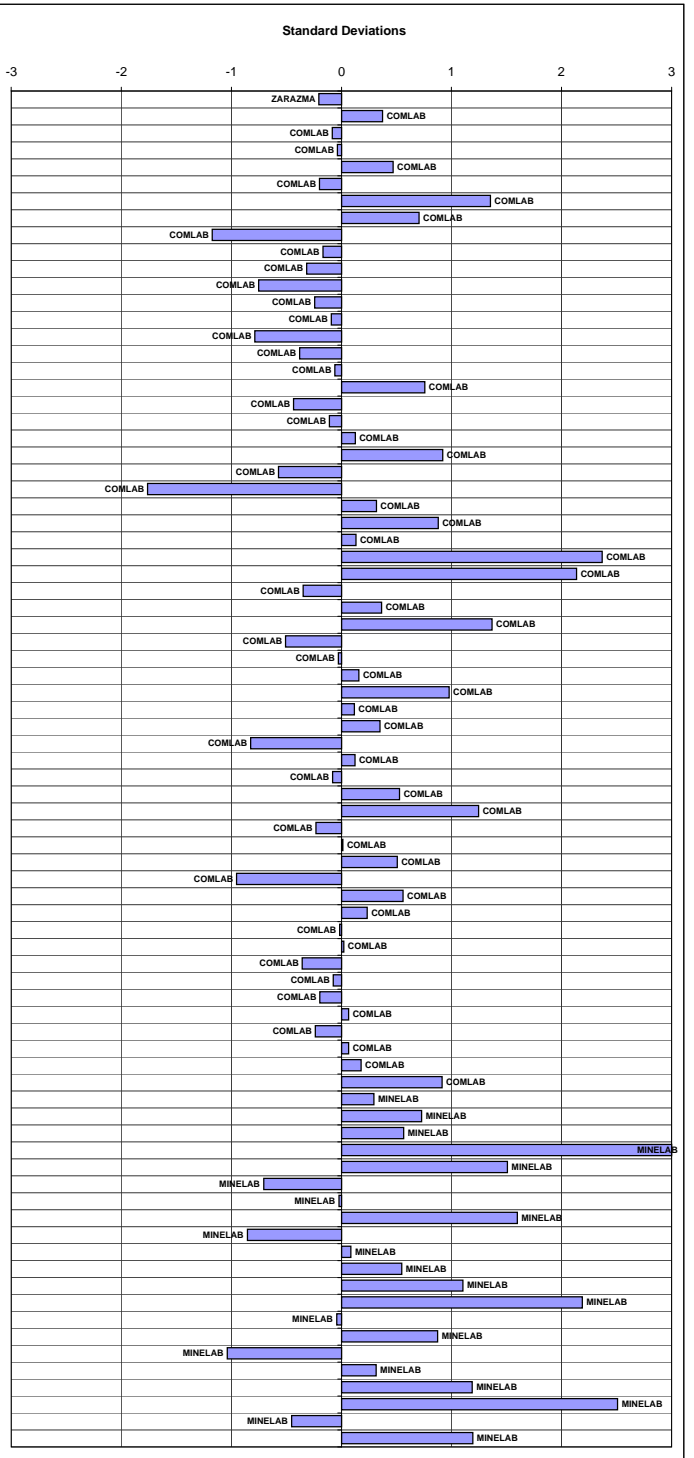
Standard Reference	GBM310-1		GBM310-2		GBM310-3		GBM310-4		GBM310-5		GBM310-6		GBM310-7		GBM310-8		GBM310-9		GBM310-10		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
ZARAZMA	5650	-0.79	6930	0.01	14522	-0.21	453	-2.13	308	-1.36	6944	-0.02	15	-0.82	354	-2.06	55	-1.20	14194	-0.88	AR	ES
COMLAB	5600	-1.01	6680	-0.95	14030	-0.49	470	-1.36	320	-0.77	6740	-0.77	10	-1.88	380	-0.78	60	-0.45	13930	-1.31	4A	ES
COMLAB	5567	-1.16	6479	-1.72	14420	0.06	463	-1.69	306	-1.49	6399	-2.01	17	-0.37	372	-1.17	54	-1.30	14540	-0.32	AR	ICP
COMLAB	5760	-0.29	6650	-1.07	13800	-0.81	480	-0.90	320	-0.77	6570	-1.39	20	0.25	380	-0.78	60	-0.45	13500	-2.02	4A	ES
COMLAB	5932	0.48	6986	0.22	14700	0.46	497	-0.12	330	-0.27	7200	0.91	19	0.03	395	-0.04	64	0.15	15300	0.92	4A	AAS
COMLAB	5508	-1.43	7208	1.07	11759	-3.00	500	0.01	366	1.52	6857	-0.34	19	0.03	449	2.61	74	1.66	15735	1.63	4A	AAS
COMLAB	4790	-3.00	5940	-3.00	12500	-2.65	478	-0.99	321	-0.72	5950	-3.00	23	0.84	400	0.20	118	-3.00	12500	-3.00	1A	ES
COMLAB	5750	-0.34	6910	-0.07	13900	-0.67	470	-1.36	330	-0.27	6900	-0.55	20	0.25	380	-0.78	50	-1.96	14200	-0.87	4A	ES
COMLAB	5874	0.22	6778	-0.58	14543	0.24	504	0.20	333	-0.12	7031	0.29	15	-0.78	370	-1.29	60	-0.42	14264	-0.77	4A	ES
COMLAB	5680	-0.65	6740	-0.72	14900	0.74	490	-0.44	346	0.52	6890	-0.22	19	0.03	385	-0.53	63	0.00	15000	0.43	4A	ES
COMLAB	5820	-0.02	7180	0.96	14600	0.32	500	0.01	344	0.43	7300	1.27	17	-0.39	398	0.10	65	0.30	14950	0.35	4A	ES
COMLAB	5715	-0.49	6953	0.09	13650	-1.02	537	1.70	351	0.77	7085	0.49	31	2.59	408	0.60	63	0.00	14275	-0.75	4A	ES
COMLAB	5730	-0.43	6880	-0.19	14950	0.81	499	-0.03	343	0.38	6840	-0.40	19	0.03	380	-0.78	63	0.00	15350	1.00	4A	ES
COMLAB	5500	-1.46	6880	-0.19	15000	0.88	478	-0.99	325	-0.52	6840	-0.40	17	-0.39	407	0.55	63	0.00	15050	0.51	4A	ES
COMLAB	5710	-0.52	6700	-0.88	14550	0.25	480	-0.90	346	0.52	7250	1.09	18	-0.18	407	0.55	60	-0.45	14650	-0.14	AR	ES
COMLAB	5680	-0.65	6750	-0.68	14950	0.81	485	-0.67	341	0.28	6960	0.03	20	0.25	390	-0.29	65	0.30	14950	0.35	4A	ES
COMLAB	5960	0.61	7210	1.08	14350	-0.04	515	0.70	324	-0.57	7090	0.51	16	-0.61	414	0.89	61	-0.30	14600	-0.22	AR	AAS
COMLAB	6050	1.02	7140	0.81	14600	0.32	509	0.42	322	-0.67	7080	0.47	17	-0.39	406	0.50	70	1.06	14800	0.10	AR	AAS
COMLAB	6040	0.97	7100	0.66	14750	0.53	515	0.70	349	0.67	7120	0.62	23	0.89	410	0.69	74	1.66	15100	0.59	AR	ES
COMLAB	5900	0.34	6700	-0.88	14500	0.18	475	-1.13	350	0.72	6900	-0.18	17	-0.39	390	-0.29	60	-0.45	14900	0.27	4A	ES
COMLAB	5800	-0.11	6790	-0.53	14400	0.04	474	-1.17	360	1.22	7120	0.62	16	-0.61	402	0.30	66	0.46	15000	0.43	4A	ES
COMLAB	5790	-0.16	6831	-0.37	14320	-0.08	525	1.15	337	0.08	7015	0.23	23	0.89	425	1.43	69	0.91	14060	-1.10	4A	ES
COMLAB	5886	0.28	6915	-0.05	15100	1.02	498	-0.08	317	-0.92	6742	-0.76	10	-1.88	391	-0.24	49	-2.11	14900	0.27	3A	ES
COMLAB	5667	-0.71	6642	-1.10	13650	-1.02	457	-1.95	312	-1.16	6651	-1.09	22	0.67	363	-1.62	57	-0.90	13900	-1.36	3A	AAS
COMLAB	531	-3.00	6437	-1.88	13058	-1.86	42410	-3.00	7	-3.00	6366	-2.13	8	-2.21	325	-3.00	41	-3.00	304	-3.00	AR	AAS
COMLAB	5890	0.30	7100	0.66	15030	0.93	530	1.38	350	0.72	6940	-0.04	20	0.25	420	1.19	60	-0.45	15700	1.57	AR	AAS
COMLAB	5796	-0.13	7009	0.31	14550	0.25	508	0.38	344	0.43	7000	0.18	21	0.46	411	0.74	67	0.61	14766	0.05	4A	AAS
COMLAB	5800	-0.11	6790	-0.53	14140	-0.33	479	-0.95	310	-1.26	6318	-2.30	15	-0.82	368	-1.37	51	-1.81	14740	0.01	AR	ES
COMLAB	5649	-0.79	7045	0.45	14516	0.20	469	-1.40	349	0.67	7041	0.33	16	-0.61	375	-1.03	58	-0.75	15219	0.79	4A	AAS
COMLAB	5563	-1.18	6102	-3.00	13100	-1.80	495	-0.22	345	0.48	6110	-3.00	32	2.80	368	-1.37	70	1.06	15100	0.59	4A	AAS,ES
COMLAB	5978	-0.69	7090	0.62	15260	1.25	532	1.47	361	1.27	7457	1.85	18	-0.18	426	1.48	70	1.06	14060	-1.10	4A	MS
COMLAB	2936	-3.00	6920	-0.03	6620	-3.00	497	-0.12	400	-3.00	7126	0.64	29	2.16	419	1.14	92	-3.00	14871	0.22	4A	ES
COMLAB	5801	-0.11	6820	-0.57	13823	-0.78	506	0.29	370	1.72	6779	-0.62	43	-3.00	410	0.69	90	-3.00	14434	-0.49	3A	ES
COMLAB	5631	-0.87	6909	-0.07	14600	0.32	492	-0.35	337	0.08	6890	-0.22	22	0.67	389	-0.34	61	-0.30	14700	-0.06	4A	ES
COMLAB	5383	-1.99	6752	-0.68	13500	-1.24	475	-1.13	337	0.08	6384	-2.06	22	0.67	374	-1.08	65	0.30	13700	-1.69	4A	ES
COMLAB	5874	0.22	7029	0.39	14990	0.87	490	-0.44	337	0.08	6770	0.44	18	-0.18	383	-0.63	61	-0.30	14990	0.41	4A	ES
COMLAB	5770	-0.25	7170	0.93	14900	0.74	503	0.15	317	-0.92	7040	-0.77	17	-0.39	400	0.20	58	-0.75	15200	0.76	AR	AAS
COMLAB	5502	-1.45	7142	0.82	14829	0.64	597	-3.00	357	1.07	6925	-0.09	22	0.67	409	0.65	68	0.76	14836	0.16	4A	ICP
COMLAB	6240	1.87	7770	-3.00	15600	1.73	530	1.38	360	1.22	7630	2.48	<100	bld	430	1.68	<100	bld	16100	2.22		XRF
COMLAB	5600	-1.01	6600	-1.26	15200	1.17	498	-0.08	325	-0.52	6620	-1.20	21	0.46	404	0.40	67	0.61	14900	0.27	4A	AAS
COMLAB	5375	-2.03	6945	0.06	12494	-2.66	488	-0.53	310	-1.26	6060	-3.00	3	-3.00	377	-0.93	98	-3.00	12844	-3.00	FUS	ICP
COMLAB	5960	0.61	7170	0.93	15160	1.11	506	0.29	312	-1.16	7280	1.20	18	-0.18	400	0.20	59	-0.60	15270	0.87	AR	AAS
COMLAB	5870	0.21	6932	0.01	14747	0.53	482	-0.81	312	-1.16	6867	-0.30	19	0.03	385	-0.53	59	-0.60	14836	0.16	3A	AAS
COMLAB	5673	-0.68	6866	-0.24	14364	-0.02	494	-0.26	344	0.43	6950	0.00	15	-0.82	397	0.06	73	1.51	14224	-0.84	4A	ES
COMLAB	6000	0.79	7200	1.04	15400	1.45	520	0.93	283	-2.60	7400	1.64	17	-0.39	420	1.19	60	-0.45	14900	0.27	3A	AAS
COMLAB	6000	0.79	6900	-0.11	14500	0.18	500	0.01	300	-1.76	7100	0.54	<20	bld	400	0.20	60	-0.45	14700	-0.06	3A	AAS
COMLAB	5122	-3.00	6379	-2.11	13958	-0.59	477	-1.04	307	-1.41	6679	-0.99	21	0.46	370	-1.27	66	0.46	14582	-0.25	4A	AAS
COMLAB	6002	0.80	6972	0.17	14487	0.16	514	0.65	332	-1.07	7023	0.26	20	0.25	396	0.01	69	0.91				



Lead Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10
MEAN (ppm)	3046	6571	10611	382	140	146	6	29	13	26493
STDEV (ppm)	246	415	622	22	12	10	4	3	5	1115
95% CI (ppm)	59	98	147	5	3	2	1	1	1	269
95% CI (%)	1.95%	1.49%	1.38%	1.42%	2.13%	1.67%	19.94%	2.83%	9.96%	1.02%
MIN (ppm)	2420	5534	9129	330	113	126	1	21	3	23980
MEDIAN (ppm)	3020	6585	10612	381	139	147	5	29	12	26502
MAX (ppm)	3664	7423	12200	435	171	173	15	36	24	29350
IQR (ppm)	316	567	816	27	16	14	5	3	6	1338
COUNT	67	70	70	64	64	64	39	50	49	67

Standard Reference	GBM310-1		GBM310-2		GBM310-3		GBM310-4		GBM310-5		GBM310-6		GBM310-7		GBM310-8		GBM310-9		GBM310-10		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
ZARAZMA	3016	-0.12	6474	-0.23	10938	0.53	364	-0.83	145	0.45	143	-0.29	6	0.06	26	-1.11	14	0.24	25665	-0.74	AR	ES
COMLAB	3300	1.03	6700	0.31	10700	0.14	400	0.82	<200	blid	<200	blid	<200	blid	<200	blid	<200	blid	26000	-0.44	4A	ES
COMLAB	2787	-1.05	6700	0.31	11000	0.63	384	0.08	137	-0.22	141	-0.55	4	-0.52	27	-0.66	14	0.26	27500	0.90	4A	ICP
COMLAB	3160	0.46	5980	-1.43	10300	-0.50	380	-0.10	160	1.69	150	0.42	<30	blid	<30	blid	<30	blid	25600	-0.80	4A	ES
COMLAB	3184	0.56	7118	1.32	10700	0.14	399	0.77	145	0.45	147	0.12	<5	blid	30	0.44	14	0.24	26700	0.19	4A	AAS
COMLAB	3122	0.31	6472	-0.24	9933	-1.09	295	-3.00	143	0.28	148	0.22	1	-1.32	36	2.51	12	-0.20	27108	0.55	4A	AAS
COMLAB	4090	3.00	6700	0.31	9230	-2.22	404	1.00	171	2.61	181	3.00	9	0.83	75	3.00	80	3.00	25400	-0.98	1A	ES
COMLAB	3150	0.42	6180	-0.94	10500	-0.18	380	-0.10	190	3.00	150	0.42	<30	blid	40	3.00	<30	blid	26500	0.01	4A	ES
COMLAB	2535	-2.07	5585	-2.38	9129	-2.38	333	-2.24	128	-0.96	129	-1.71	8	0.61	27	-0.59	29	3.00	22286	3.00	4A	ES
COMLAB	2880	-0.67	6860	0.70	10400	-0.34	379	-0.14	134	-0.47	136	-1.00	4	-0.49	30	0.44	13	0.02	26800	0.28	4A	ES
COMLAB	2750	-1.20	6200	-0.89	10350	-0.42	372	-0.46	132	-0.63	146	0.01	3	-0.77	31	0.79	16	0.68	26200	-0.26	4A	ES
COMLAB	2700	-1.40	5915	-1.58	9815	-1.28	368	-0.64	134	-0.47	138	-0.80	6	0.06	29	0.10	11	-0.42	25300	-1.07	4A	ES
COMLAB	2830	-0.88	6550	-0.05	11150	0.87	382	0.00	140	0.03	135	-1.10	2	-1.04	27	-0.59	10	-0.64	27600	0.99	4A	ES
COMLAB	2750	-1.20	6600	0.07	10600	-0.02	374	-0.37	130	-0.80	152	0.62	4	-0.49	29	0.10	17	0.89	26800	0.28	4A	ES
COMLAB	2830	-0.88	6400	-0.41	10100	-0.82	360	-1.01	132	-0.63	137	-0.90	2	-1.04	27	-0.59	9	-0.86	25700	-0.71	AR	ES
COMLAB	2910	-0.55	6580	0.02	9840	-1.24	364	-0.83	131	-0.71	137	-0.90	5	-0.22	27	-0.59	16	0.68	27100	0.54	4A	ES
COMLAB	3000	-0.19	6560	-0.03	10200	-0.66	396	0.63	142	0.20	151	0.52	1	-1.32	31	0.79	10	-0.64	26600	0.10	AR	AAS
COMLAB	3440	1.60	6590	0.05	11050	0.71	397	0.68	146	0.53	158	1.23	<5	blid	33	1.47	17	0.89	26100	-0.35	AR	AAS
COMLAB	3070	0.10	6540	-0.08	9720	-1.43	368	-0.64	126	-1.13	137	-0.90	blid	blid	27	-0.59	18	1.11	26100	-0.35	AR	ES
COMLAB	3100	0.22	6600	0.07	9900	-1.14	385	0.13	135	-0.38	140	-0.60	<5	blid	30	0.44	15	0.46	26300	-0.17	4A	ES
COMLAB	3200	0.63	6700	0.31	9800	-1.30	380	-0.10	138	-0.13	141	-0.49	15	2.54	30	0.44	15	0.46	25300	-1.07	4A	MS
COMLAB	2979	-0.27	6079	-1.19	10168	-0.71	399	0.77	191	3.00	141	-0.49	55	3.00	59	3.00	38	3.00	25495	-0.89	4A	ES
COMLAB	3104	0.24	6375	-0.47	11700	1.75	362	-0.92	115	-2.04	132	-1.41	10	1.16	21	-2.66	nr	nr	25600	-0.80	3A	ES
COMLAB	2775	-1.10	6641	0.17	9941	-1.08	335	-2.15	97	-3.00	109	-3.00	<5	blid	18	-3.00	<5	blid	25450	-0.94	3A	AAS
COMLAB	3180	0.55	6850	0.67	10550	-0.10	390	0.36	150	0.86	150	0.42	<10	blid	30	0.44	10	-0.64	26840	0.31	AR	AAS
COMLAB	nr	nr	6998	1.03	10800	0.30	402	0.91	149	0.78	153	0.73	9	0.89	34	1.82	20	1.55	26400	-0.08	4A	AAS
COMLAB	3020	-0.10	6300	-0.65	10580	-0.05	344	-1.74	152	1.03	128	-1.82	5	0.22	29	0.10	21	1.77	29920	3.00	AR	ES
COMLAB	3418	1.51	7423	2.05	11322	1.14	427	2.05	199	3.00	194	3.00	46	3.00	61	3.00	64	3.00	26840	1.92	4A	AAS
COMLAB	4050	3.00	6018	-1.33	10100	-0.82	466	3.00	182	3.00	181	3.00	39	3.00	72	3.00	42	3.00	29300	2.52	4A	AAS,ES
COMLAB	3268	0.90	6226	-0.83	11050	0.71	379	-0.16	137	-0.21	144	-0.15	2	-1.04	27	-0.63	14	0.19	23980	-2.25	4A	MS
COMLAB	1387	-3.00	6743	0.41	4408	-3.00	388	0.27	134	-0.47	159	1.34	37	3.00	86	3.00	114	3.00	25500	-0.89	4A	ES
COMLAB	3293	1.00	6125	-1.08	10225	-0.62	401	0.86	220	3.00	266	3.00	21	3.00	67	3.00	63	3.00	24837	-1.48	3A	ES
COMLAB	2794	-1.02	6380	-0.46	9409	-1.93	388	0.27	134	-0.47	130	-1.61	6	0.06	25	-1.28	13	0.02	28000	1.35	4A	ES
COMLAB	2950	-0.39	6475	-0.23	11500	1.43	368	-0.64	138	-0.13	150	0.42	6	0.06	27	-0.59	14	0.24	26000	-0.44	4A	ES
COMLAB	3100	0.22	6600	0.07	11200	0.95	387	0.22	138	-0.13	150	0.42	<4	blid	30	0.44	9	-0.86	26600	0.10	AR	AAS
COMLAB	3473	1.74	6301	-0.65	10579	-0.05	481	3.00	142	0.20	173	2.76	3	-0.77	44	3.00	12	-0.20	27359	0.78	4A	ICP
COMLAB	3160	0.46	6900	0.79	10800	0.30	380	-0.10	140	0.03	140	-0.60	<100	blid	<100	blid	<100	blid	26400	-0.08		XRF
COMLAB	3350	1.24	6630	0.14	10600	-0.02	389	0.32	143	0.28	145	-0.09	3	-0.77	45	3.00	9	-0.86	26800	0.28	4A	AAS
COMLAB	2420	-2.54	5534	-2.50	10346	-0.43	269	-3.00	72	-3.00	70	-3.00	5	-0.22	15743	3.00	67	3.00	26993	0.45	FUS	ICP
COMLAB	3340	1.20	7050	1.15	11350	1.19	378	-0.19	128	-0.96	141	-0.49	<5	blid	26	-0.94	7	-1.30	28110	1.45	AR	AAS
COMLAB	3213	0.68	7089	1.25	10858	0.40	379	-0.14	130	-0.80	133	-1.31	9	0.89	26	-0.94	11	-0.42	26034	-0.41	3A	AAS
COMLAB	2900	-0.59	7050	1.15	12036	2.29	330	-2.38	136	-0.30	160	1.44	12	1.71	26	-0.94	22	1.99	27486	0.89	4A	ES
COMLAB	3300	1.03	7200	1.52	12200	2.55	388	0.27	141	0.12	162	1.64	<4	blid	32	1.13	21	1.77	27800	1.17	3A	AAS
COMLAB	2940	-0.43	6820	0.60	10700	0.14	373	-0.42	127	-1.05	137	-0.90	<20	blid	29	0.10	<20	blid	26800	0.10	3A	AAS
COMLAB	2906	-0.57	7044	1.14	10491	-0.19	396	0.63	135	-0.38	147	0.12	<5	blid	30	0.44	9	-0.86	26256	-0.21	4A	AAS
COMLAB	2893	-0.62	6346	-0.54	10789	0.29	391	0.41	140	0.03	152	0.62	9	0.89	34	1.82	24	2.43	26211	-0.25	4A	AAS
COMLAB	2720	-1.32	6160	-0.99	9990	-1.00	355	-1.24	129	-0.88	147	0.12	<5	blid	28	-0.25	9	-0.86	24100	-2.15	4A	MS
COMLAB	2742	-1.23	6733	0.39	10965	0.57	361	-0.96	127	-1.05	157	1.13	13	1.99	38	3.00	20	1.55	26720	0.20	FUS	ICP
COMLAB	3020	-0.10	5750	-1.98	9570	-1.67	431	2.23	149	0.78	150	0.										



Zinc Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10
MEAN (ppm)	9772	20598	30698	241	483	46	32	27	83	20086
STDEV (ppm)	540	1065	1555	11	26	8	11	5	27	1013
95% CI (ppm)	125	248	362	3	6	2	2	1	6	239
95% CI (%)	1.28%	1.20%	1.18%	1.10%	1.26%	4.07%	7.49%	4.57%	7.51%	1.19%
MIN (ppm)	8390	18100	26400	212	420	27	6	14	15	18018
MEDIAN (ppm)	9760	20599	30660	239	487	45	35	27	84	20200
MAX (ppm)	11204	23000	34320	270	546	66	57	41	140	22200
IQR (ppm)	451	1345	1757	15	32	12	15	7	48	1292
COUNT	73	72	72	68	71	66	74	70	78	70

Standard Reference	GBM310-1		GBM310-2		GBM310-3		GBM310-4		GBM310-5		GBM310-6		GBM310-7		GBM310-8		GBM310-9		GBM310-10		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
BECQUEREL-NAA	10100	0.61	21000	0.38	33400	1.74	239	-0.14	493	0.38	<30	blid	36	0.35	29	0.31	109	0.97	20600	0.51	NAA	
ZARAZMA	10031	0.48	19909	-0.65	32098	0.90	222	-1.68	442	-1.69	97	3.00	27	-0.55	32	0.88	62	-0.76	18703	-1.37	4A	ES
COMLAB	9500	-0.50	21700	1.04	31500	0.52	200	3.00	500	0.65	<100	blid	<100	blid	<100	blid	100	0.64	20300	0.21	4A	ES
COMLAB	9625	-0.27	20800	0.19	32400	1.09	247	0.58	502	0.73	39	-0.95	38	0.54	21	-1.20	99	0.60	20900	0.80	4A	ICP
COMLAB	9680	-0.17	20100	-0.47	30300	-0.26	240	-0.05	490	0.26	50	0.46	40	0.73	30	0.50	110	1.00	19300	-0.78	4A	ES
COMLAB	9829	0.11	21000	0.38	31000	0.19	241	0.04	485	0.07	46	-0.05	40	0.73	27	-0.06	104	0.78	20700	0.61	4A	AAS
COMLAB	9063	-1.31	20633	0.03	30637	-0.04	248	0.67	469	-0.55	53	0.85	19	-1.26	31	0.69	106	0.86	21696	1.59	4A	AAS
COMLAB	8390	-2.56	16600	3.00	24000	3.00	230	-0.95	487	0.15	86	3.00	72	3.00	154	3.00	268	3.00	16300	3.00	1A	ES
COMLAB	9720	-0.10	20700	0.10	29900	-0.51	230	-0.95	490	0.26	40	-0.82	50	1.68	20	-1.39	100	0.64	20000	-0.08	4A	ES
COMLAB	9591	-0.34	21000	-1.95	28036	-1.71	249	0.74	494	0.42	42	-0.59	39	0.62	26	-0.33	109	0.97	20012	-0.07	4A	ES
COMLAB	9200	-1.06	21000	0.38	30600	-0.06	239	-0.14	495	0.46	45	-0.18	38	0.54	26	-0.25	90	0.27	20800	0.70	4A	ES
COMLAB	9280	-0.91	19450	-1.08	28900	-1.16	237	-0.32	512	1.11	47	0.08	37	0.44	25	-0.44	110	1.00	19500	-0.58	4A	ES
COMLAB	9578	-0.36	20500	-0.09	28700	-1.28	241	0.04	478	-0.20	39	-0.95	40	0.73	29	0.31	139	2.06	20050	-0.04	4A	ES
COMLAB	9540	-0.43	20900	-1.31	31400	0.45	235	-0.50	494	0.42	38	-1.08	36	0.35	24	-0.63	101	0.67	20700	0.61	4A	ES
COMLAB	9310	-0.86	18100	-2.35	31400	0.45	230	-0.95	476	-0.28	52	0.72	35	0.25	26	-0.25	106	0.86	20300	0.21	4A	ES
COMLAB	8990	-1.45	20400	-0.19	31300	0.39	230	-0.95	479	-0.16	38	-1.08	36	-0.60	24	-0.63	63	-0.71	21400	1.30	4A	ES
COMLAB	9110	-1.23	20200	-0.37	31200	0.32	236	-0.41	493	0.38	42	-0.57	35	0.25	24	-0.63	86	0.13	20200	0.11	4A	ES
COMLAB	9980	0.39	21900	1.22	30100	-0.38	237	-0.32	472	-0.43	47	0.08	19	-1.26	29	0.31	57	-0.93	20300	0.21	AR	AAS
COMLAB	10350	1.07	21200	0.57	31100	0.26	231	-0.86	468	-0.58	47	0.08	17	-1.45	23	-0.82	65	-0.64	20200	0.11	AR	AAS
COMLAB	9860	0.16	20900	0.28	30100	-0.38	233	-0.68	457	-1.01	36	-1.34	30	-0.22	28	0.12	83	0.02	20300	0.21	AR	ES
COMLAB	9800	0.05	20300	-0.28	32500	1.16	220	-1.86	485	0.07	38	-1.08	35	0.25	27	-0.06	100	0.64	20600	0.51	4A	ES
COMLAB	9560	-0.39	19900	-0.66	30000	-0.45	220	-1.86	490	0.26	40	-0.82	38	0.54	20	-1.39	98	0.56	20300	0.21	4A	ES
COMLAB	10161	0.72	21375	0.73	31190	0.32	233	-0.68	505	0.84	27	-2.50	39	0.63	19	-1.58	63	-0.71	19780	-0.30	4A	ES
COMLAB	10100	0.61	20100	-0.47	31400	0.45	255	1.30	448	-1.36	45	-0.18	16	-1.55	26	-0.25	50	-1.19	19900	-0.18	3A	ES
COMLAB	9725	-0.09	20100	-0.47	29500	-0.77	212	-2.58	436	-1.82	53	0.85	28	-0.41	37	1.83	55	-1.01	19250	-0.83	3A	AAS
COMLAB	6211	-3.00	47	3.00	6479	3.00	200	3.00	437	-1.77	45	-0.22	31	-0.13	23	-0.75	71	-0.43	6857	3.00	AR	AAS
COMLAB	9750	-0.04	20610	0.01	30350	-0.22	250	0.85	510	1.04	50	0.46	30	-0.22	30	0.50	60	-0.82	21760	1.65	AR	AAS
COMLAB	9831	0.11	20474	-0.12	30900	0.13	243	0.22	511	1.08	53	0.85	43	1.01	30	0.50	115	1.19	19782	-0.30	4A	AAS
COMLAB	10390	1.15	22310	1.61	34120	2.20	240	-0.05	463	-0.78	48	0.21	19	-1.26	26	-0.25	54	-1.04	22200	2.09	AR	ES
COMLAB	9106	-1.23	19753	-0.79	29813	-0.57	254	1.21	490	0.26	52	0.72	37	0.44	35	1.45	136	1.95	18764	-1.31	4A	AAS
COMLAB	10300	0.98	22000	1.32	33900	2.06	349	3.00	643	3.00	128	3.00	145	3.00	137	3.00	167	3.00	22000	1.89	4A	AAS,ES
COMLAB	9807	0.07	19000	-1.50	29590	-0.71	229	-1.05	469	-0.56	48	0.15	33	0.09	20	-1.32	109	0.97	18130	-1.93	4A	MS
COMLAB	4798	-3.00	19225	-1.29	13355	-3.00	261	1.84	517	1.31	48	0.21	43	1.01	31	0.69	129	1.70	19001	-1.07	4A	ES
COMLAB	9569	-0.38	19386	-1.14	29801	-0.58	250	0.85	501	0.69	108	3.00	35	0.25	50	3.00	85	0.09	19043	-1.03	3A	ES
COMLAB	9860	0.16	21600	0.94	32900	1.42	234	-0.59	502	0.73	44	-0.31	35	0.25	21	-1.20	107	0.89	21100	1.00	4A	ES
COMLAB	9600	-0.32	20700	0.10	28700	-1.28	236	-0.41	505	0.84	39	-0.95	39	0.63	23	-0.82	107	0.89	21800	1.69	4A	ES
COMLAB	9976	0.38	20900	0.28	31300	0.39	238	-0.23	506	0.88	61	1.88	40	0.73	28	0.12	112	1.08	20300	0.21	4A	ES
COMLAB	9570	-0.37	20100	-0.47	30700	0.00	230	-0.95	471	-0.47	45	-0.18	20	-1.17	25	-0.44	55	-1.01	20300	0.21	AR	AAS
COMLAB	8455	-2.44	19076	-1.43	27412	-2.11	278	3.00	470	-0.51	45	-0.18	29	-0.31	47	3.00	84	0.05	18018	-2.04	4A	ICP
COMLAB	10000	0.42	22000	1.32	32400	1.09	240	-0.05	540	2.19	<100	blid	<100	blid	<100	blid	<100	blid	20700	0.61		XRF
COMLAB	9870	0.18	20700	0.10	31300	0.39	247	0.58	512	1.11	56	1.24	39	0.63	41	2.58	111	1.04	20400	0.31	4A	AAS
COMLAB	9857	0.16	20129	-0.44	30719	0.01	319	3.00	393	-3.00	101	3.00	37	0.44	27	-0.06	254	3.00	19593	-0.49	FUS	ICP
COMLAB	9552	-0.41	19900	-0.66	29691	-0.65	248	0.67	445	-1.47	45	-0.18	19	-1.26	24	-0.63	58	-0.90	19240	-0.84	AR	AAS
COMLAB	9760	-0.02	21244	0.61	31666	0.62	239	-0.14	440	-1.67	39	-0.95	20	-1.17	25	-0.44	51	-1.15	20308	0.22	3A	AAS
COMLAB	9549	-0.41	20587	-0.01	30617	-0.05	226	-1.32	464	-0.74	78	3.00	34	0.16	28	0.12	91	0.31	19664	-0.42	4A	ES
COMLAB	10500	1.35	22500	1.79	31500	0.52	249	0.76	530	1.81	56	1.24	23	-0.88	32	0.88	76	-0.24	20900	0.80	3A	AAS
COMLAB	9810	0.07	23000	2.26	30000	1.48	259	1.66	495	0.46	50	0.46	46	1.30	33	1.07	112	1.08	22000	1.89	3A	AAS
COMLAB	11204	2.65	21327	0.68	30948	0.16	236	-0.41	494	0.42	58	1.50	46	1.30	31	0.69	107	0.89	20498	0.41	4A	AAS

Nickel Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10
MEAN (ppm)	37	29	71	428	3691	83	13	28	28	9307
STDEV (ppm)	10	8	10	32	206	6	4	3	9	439
95% CI (ppm)	2	2	3	8	51	2	1	1	2	111
95% CI (%)	6.48%	6.60%	3.54%	1.85%	1.39%	1.90%	8.75%	3.15%	7.54%	1.19%
MIN (ppm)	16	14	48	366	3228	67	5	20	11	8317
MEDIAN (ppm)	36	29	71	424	3730	82	13	27	30	9300
MAX (ppm)	60	44	97	501	4240	99	22	37	47	10362
IQR (ppm)	13	13	13	38	272	7	8	3	13	521
COUNT	65	66	62	65	63	63	61	59	65	61

Standard Reference	GBM310-1		GBM310-2		GBM310-3		GBM310-4		GBM310-5		GBM310-6		GBM310-7		GBM310-8		GBM310-9		GBM310-10		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
BECQUEREL-NAA	<100	bld	<100	bld	<100	bld	490	1.93	3900	1.01	110	3.00	<100	bld	<100	bld	<100	bld	9600	0.67	NAA	
ZARAZMA	30	-0.76	23	-0.74	65	-0.62	457	0.91	3314	-1.84	83	-0.04	8	-1.06	27	-0.34	17	-1.24	9134	-0.39	AR	ES
COMLAB	60	2.36	40	1.41	80	0.90	390	-1.17	3730	0.19	80	-0.44	10	-0.63	30	0.69	30	0.25	9090	-0.49	4A	ES
COMLAB	44	0.72	37	1.01	136	3.00	437	0.29	3893	0.98	82	-0.20	15	0.54	29	0.28	37	1.02	9570	0.60	4A	ICP
COMLAB	<30	bld	30	0.14	70	-0.10	430	0.07	4040	1.70	80	-0.44	<30	bld	<30	bld	40	1.41	9230	-0.17	4A	ES
COMLAB	36	-0.09	29	0.01	72	0.10	424	-0.11	3742	0.25	74	-1.39	12	-0.18	26	-0.49	28	0.01	9039	-0.61	4A	AAS
COMLAB	56	1.95	30	0.14	87	1.60	465	1.16	3702	0.05	99	2.58	9	-0.86	36	2.46	43	1.76	10362	2.40	4A	AAS
COMLAB	46	0.90	44	1.97	88	1.72	421	-0.21	3510	-0.88	102	3.00	20	1.62	40	3.00	38	1.20	9001	-0.70	1A	ES
COMLAB	50	1.34	30	0.14	90	1.89	420	-0.24	3890	0.97	90	1.15	<30	bld	<30	bld	30	0.25	9330	0.05	4A	ES
COMLAB	40	0.28	28	-0.13	80	0.90	426	-0.07	3616	-0.36	81	-0.34	14	0.16	25	-0.70	33	0.54	9203	-0.24	4A	ES
COMLAB	40	0.31	34	0.65	72	0.10	416	-0.36	3620	-0.35	76	-1.07	14	0.27	26	-0.49	32	0.48	8800	-1.15	4A	ES
COMLAB	39	0.21	35	0.78	73	0.20	427	-0.02	3790	0.48	86	0.52	18	1.17	28	0.10	31	0.36	9300	-0.02	4A	ES
COMLAB	40	0.31	37	1.03	107	3.00	436	0.26	3730	0.19	82	-0.12	18	1.17	26	-0.49	47	2.23	9317	0.02	4A	ES
COMLAB	41	0.42	42	1.67	75	0.40	397	-0.95	3600	-0.44	80	-0.44	13	0.04	24	-1.08	33	0.60	8990	-0.72	4A	ES
COMLAB	41	0.42	37	1.03	74	0.30	413	-0.45	3530	-0.78	78	-0.75	12	-0.18	35	2.17	33	0.60	9070	-0.54	4A	ES
COMLAB	38	0.11	32	0.39	70	-0.10	427	-0.02	3540	-0.74	78	-0.75	14	0.27	25	-0.79	29	0.13	8880	-0.97	4A	ES
COMLAB	29	-0.81	20	-1.14	57	-1.40	417	-0.33	3530	-0.78	87	0.68	5	-1.76	25	-0.79	17	-1.27	9500	0.44	AR	AAS
COMLAB	29	-0.81	19	-1.26	62	-0.90	431	0.10	3570	-0.59	84	0.20	8	-1.09	29	0.39	15	-1.50	9560	0.58	AR	AAS
COMLAB	42	0.52	43	1.80	82	1.10	422	-0.18	3770	0.38	82	-0.12	13	0.04	29	0.39	32	0.48	9280	-0.06	4A	ES
COMLAB	39	0.21	33	0.52	80	0.90	410	-0.55	3800	0.53	80	-0.44	15	0.50	28	0.10	32	0.48	9300	-0.02	4A	ES
COMLAB	46	0.93	38	1.16	84	1.30	400	-0.86	3950	1.26	82	-0.12	12	-0.18	26	-0.49	34	0.71	9600	0.67	4A	ES
COMLAB	32	-0.50	29	0.01	67	-0.40	399	-0.89	3455	-1.15	86	0.52	9	-0.86	26	-0.49	29	0.13	8359	-2.16	4A	ES
COMLAB	27	-1.02	19	-1.26	57	-1.40	366	-1.91	3363	-1.60	85	0.36	9	-0.86	24	-1.08	21	-0.80	7722	-3.00	3A	AAS
COMLAB	31	-0.60	28	-0.14	64	-0.70	390	-1.16	4032	1.66	73	-1.59	13	-0.07	22	-1.61	23	-0.52	10198	2.03	AR	AAS
COMLAB	30	-0.71	20	-1.14	70	-0.10	430	0.07	3470	-1.08	90	1.15	<100	bld	30	0.69	20	-0.92	9230	-0.17	AR	AAS
COMLAB	41	0.42	32	0.39	72	0.10	411	-0.52	3781	0.44	80	-0.44	14	0.27	26	-0.49	30	0.25	9344	0.08	4A	AAS
COMLAB	29	-0.81	21	-1.01	81	1.00	421	-0.21	3960	1.31	80	-0.44	8	-1.09	26	-0.49	18	-1.15	11280	3.00	AR	ES
COMLAB	40	0.31	40	1.41	97	2.59	400	-0.86	3867	0.85	82	-0.12	17	0.95	58	3.00	35	0.83	8879	-0.97	4A	ES
COMLAB	57	2.06	35	0.78	86	1.50	430	0.07	3692	0.00	81	-0.28	17	0.95	29	0.39	33	0.60	9145	-0.37	4A	ES
COMLAB	50	1.32	38	1.17	81	1.03	476	1.50	3812	0.59	94	1.76	17	0.95	35	2.06	36	0.97	9079	-0.52	4A	MS
COMLAB	22	-1.53	39	1.29	31	-3.00	473	1.41	4087	1.92	97	2.26	22	2.08	42	3.00	59	3.00	9988	1.55	4A	ES
COMLAB	51	1.44	28	-0.12	84	1.30	478	1.56	3765	0.36	130	3.00	17	0.95	37	2.76	36	0.95	9571	0.60	3A	ES
COMLAB	42	0.52	31	0.27	81	1.00	389	-1.20	3875	0.89	81	-0.28	15	0.50	25	-0.79	33	0.60	9344	0.08	4A	ES
COMLAB	38	0.11	31	0.27	74	0.30	388	-1.23	3830	0.67	81	-0.28	15	0.50	25	-0.79	33	0.60	9301	-0.01	4A	ES
COMLAB	40	0.31	40	1.41	78	0.70	401	-0.83	3876	0.90	82	-0.12	15	0.50	26	-0.49	32	0.48	9876	1.30	4A	ES
COMLAB	26	-1.12	19	-1.26	61	-1.00	442	0.44	3740	0.24	83	0.04	7	-1.31	27	-0.20	15	-1.50	9450	0.33	AR	AAS
COMLAB	28	-0.91	28	-0.12	72	0.10	490	1.93	3507	-0.90	94	1.79	11	-0.41	28	0.10	26	-0.22	8317	-2.25	4A	ICP
COMLAB	<100	bld	<100	bld	<100	bld	310	-3.00	4240	2.67	<100	bld	<100	bld	<100	bld	<100	bld	7280	-3.00		XRF
COMLAB	41	0.42	31	0.27	73	0.20	416	-0.36	3310	-1.85	82	-0.12	18	1.17	32	1.28	33	0.60	9470	0.37	4A	AAS
COMLAB	54	1.75	23	-0.75	54	-1.70	317	-3.00	3281	-2.00	56	-3.00	14	0.27	16	-3.00	33	0.60	7799	-3.00	FUS	ICP
COMLAB	28	-0.91	23	-0.75	65	-0.60	400	-0.86	3750	2.29	83	0.04	9	-0.86	28	0.10	16	-1.38	9230	-0.17	AR	AAS
COMLAB	25	-1.22	23	-0.75	60	-1.10	397	-0.95	2856	-3.00	75	-1.23	7	-1.31	23	-1.38	15	-1.50	9157	-0.34	3A	AAS
COMLAB	42	0.52	41	1.54	70	-0.10	421	-0.21	3608	-0.41	76	-1.07	18	1.17	29	0.39	33	0.60	9031	-0.63	4A	ES
COMLAB	31	-0.61	22	-0.88	79	0.80	440	0.38	3500	-0.93	86	0.52	10	-0.63	28	0.10	20	-0.92	9000	-0.70	3A	AAS
COMLAB	34	-0.30	28	-0.12	72	0.10	400	-0.86	3900	1.01	77	-0.91	<20	bld	26	-0.49	26	-0.22	9800	1.12	3A	AAS
COMLAB	35	-0.20	30	0.14	65	-0.60	425	-0.08	3770	0.38	80	-0.44	13	0.04	23	-1.38	30	0.25	9583	0.63	4A	AAS
COMLAB	43	0.62	33	0.52	71	0.00	468	1.25	3822	0.64	80	-0.44	15	0.50	28	0.10	31	0.36	10115	1.84	4A	AAS
COMLAB	37	0.01	29	0.01	69	-0.20	378	-1.54	3810	0.58	71	-1.86	15	0.50	26	-0.49	28	0.01	9310	0.01	4A	AAS
COMLAB	57	2.04	41	1.59	76	0.50	409	-0.58	3791	0.48	89	0.93	22	2.10	34	1.84	47	2.22	9555	0.57	FUS	ES
COMLAB	46	0.93	33	0.52	70	-0.10	425	-0.08	3400	-1.42	80	-0.44	19	1.40	27	-0.20	27	-0.10	8400	-2.06	4A	ES
COMLAB	33	-0.40	23	-0.75	67	-0.40																

Arsenic Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10
MEAN (ppm)	362	78	1273	7	12	572	4	85	8	6
STDEV (ppm)	34	9	106	3	3	43	4	6	10	1
95% CI (ppm)	9	2	26	1	1	11	2	2	4	0
95% CI (%)	2.38%	2.92%	2.05%	10.77%	6.97%	1.84%	43.88%	2.00%	50.32%	3.92%
MIN (ppm)	276	62	1079	3	5	478	0	69	1	5
MEDIAN (ppm)	363	77	1272	7	12	576	3	85	3	6
MAX (ppm)	430	99	1540	14	20	689	13	100	30	7
IQR (ppm)	50	9	130	2	4	45	5	7	10	0
COUNT	62	59	64	46	48	64	21	56	24	28

Standard Reference	GBM310-1		GBM310-2		GBM310-3		GBM310-4		GBM310-5		GBM310-6		GBM310-7		GBM310-8		GBM310-9		GBM310-10		Method	Reading		
	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score				
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score				
BECQUEREL-NAA	351	-0.31	81	0.33	1300	0.25	6	-0.45	13	0.30	589	0.40	<0.5	blid	83	-0.39	<0.5	blid	5	-0.88	NAA			
ZARAZMA	418	1.64	72	-0.72	1484	1.99	9	0.39	13	0.44	569	-0.07	<2	blid	83	-0.36	<2	blid	12	3.00	AR	ES		
COMLAB	400	1.12	<200	blid	1100	-1.64	<200	blid	<200	blid	400	3.00	<200	blid	<200	blid	<200	blid	<200	blid	<200	blid	AR	ES
COMLAB	383	0.62	131	3.00	1200	-0.69	6	-0.49	10	-0.58	543	-0.67	1	-0.88	82	-0.46	<0.5	blid	5	-1.85	AR	ICP		
COMLAB	365	0.08	67	-1.27	1195	-0.74	6	-0.63	14	0.54	507	-1.54	<2	blid	89	0.58	<2	blid	6	0.58	AR	ES		
COMLAB	383	0.62	93	1.67	1378	0.99	26	3.00	21	3.00	607	0.82	<20	blid	105	3.00	<20	blid	27	3.00	4A	AAS		
COMLAB	400	1.12	138	3.00	1691	3.00	14	2.40	49	3.00	478	-2.21	1	-0.75	109	3.00	1	-0.71	36	3.00	4A	AAS		
COMLAB	522	3.00	74	-0.48	1330	0.54	6	-0.60	14	0.47	669	2.28	<0.1	blid	95	1.58	<0.1	blid	5	-0.88	1A	ES		
COMLAB	364	0.07	77	-0.13	1270	-0.03	6	-0.52	10	-0.71	529	-1.01	<2	blid	86	0.12	6	-0.22	3	3.00	AR	ES		
COMLAB	211	-3.00	34	-3.00	649	-3.00	5	-0.89	17	1.66	94	-3.00	<1	blid	29	-3.00	1	-0.71	4	3.00	4A	ES		
COMLAB	354	-0.22	77	-0.13	1305	0.30	<5	blid	12	-0.04	582	0.24	<5	blid	86	0.12	<5	blid	6	0.09	4A	ES		
COMLAB	356	-0.16	77	-0.13	1230	-0.41	11	1.30	15	0.98	605	0.78	<5	blid	92	1.05	<5	blid	7	1.71	4A	ES		
COMLAB	321	-1.18	72	-0.70	1218	-0.52	7	-0.16	13	0.30	573	0.03	<5	blid	89	0.58	<5	blid	8	3.00	4A	ES		
COMLAB	380	0.54	72	-0.70	1340	0.63	<5	blid	10	-0.71	593	0.50	<5	blid	80	-0.81	<5	blid	11	3.00	4A	ES		
COMLAB	351	-0.31	81	0.32	1320	0.44	7	-0.16	9	-1.05	592	0.47	<5	blid	92	1.05	<5	blid	6	0.09	4A	ES		
COMLAB	350	-0.34	76	-0.24	1335	0.59	4	-1.25	11	-0.38	594	0.52	<2	blid	86	0.12	<2	blid	7	1.71	AR	ES		
COMLAB	364	0.07	75	-0.36	1295	0.21	5	-0.89	14	0.64	584	0.28	<5	blid	86	0.12	<5	blid	6	0.09	4A	ES		
COMLAB	366	0.13	82	0.43	1485	2.00	7	-0.16	16	1.32	619	1.11	blid	blid	97	1.83	blid	blid	7	1.71	AR	ES		
COMLAB	350	-0.34	70	-0.92	1300	0.25	6	-0.52	16	1.32	550	-0.52	<3	blid	85	-0.04	<3	blid	6	0.09	4A	ES		
COMLAB	430	1.99	75	-0.36	1220	-0.50	6	-0.52	15	0.98	570	-0.05	1	-0.75	88	0.43	2	-0.61	6	0.09	4A	MS		
COMLAB	367	0.16	76	-0.24	1351	0.74	10	0.90	9	-0.98	605	0.78	4	-0.14	95	1.44	1	-0.71	10	3.00	AR	ES		
COMLAB	389	0.80	99	2.35	1219	-0.51	<10	blid	<10	blid	588	0.38	<10	blid	82	-0.50	<10	blid	54	3.00	3A	ES		
COMLAB	400	1.12	200	3.00	900	-3.00	<50	blid	200	3.00	550	-0.52	100	3.00	<50	blid	<50	blid	50	3.00	3A	AAS		
COMLAB	400	1.12	<100	blid	1300	0.25	<100	blid	<100	blid	600	0.66	<100	blid	<100	blid	<100	blid	<100	blid	<100	blid	AR	AAS
COMLAB	351	-0.31	80	0.21	1250	-0.22	<25	blid	<25	blid	577	0.12	<25	blid	81	-0.66	<25	blid	<25	blid	<25	blid	4A	AAS
COMLAB	313	-1.42	83	0.54	1230	-0.41	12	1.67	7	-1.73	491	-1.90	<5	blid	81	-0.66	<5	blid	6	0.09	AR	ES		
COMLAB	425	1.85	77	-0.13	1190	-0.78	27	3.00	31	3.00	488	-1.97	12	1.95	60	-3.00	30	2.16	27	3.00	4A	ES		
COMLAB	391	0.86	69	-1.07	1257	-0.15	7	-0.34	13	0.27	560	-0.29	0	-0.93	83	-0.41	1	-0.71	4	3.00	4A	MS		
COMLAB	152	-3.00	76	-0.24	617	-3.00	22	3.00	29	3.00	600	0.66	17	3.00	93	1.21	15	0.68	18	3.00	4A	ES		
COMLAB	415	1.55	77	-0.13	1260	-0.12	8	0.21	16	1.32	614	0.99	<5	blid	82	-0.50	<5	blid	<5	blid	3A	ES		
COMLAB	328	-0.98	83	0.54	1281	0.07	14	2.40	13	0.30	567	-0.12	<2	blid	86	0.12	<2	blid	6	0.09	4A	MS		
COMLAB	356	-0.16	87	0.99	1196	-0.73	12	1.67	13	0.30	556	-0.37	<5	blid	86	0.12	<5	blid	6	0.09	4A	ES		
COMLAB	325	-1.07	90	1.33	1375	0.96	11	1.30	12	-0.04	580	0.19	<5	blid	87	0.27	9	0.08	10	3.00	4A	ES		
COMLAB	313	-1.42	66	-1.37	1310	0.35	7	-0.16	11	-0.38	500	-1.69	<2	blid	75	-1.59	<2	blid	5	-1.53	AR	ES		
COMLAB	312	-1.44	79	0.09	1221	-0.49	8	0.21	14	0.64	580	0.19	<0.5	blid	87	0.27	1	-0.74	6	0.09	4A	MS		
COMLAB	600	3.00	330	3.00	1610	3.00	240	3.00	250	3.00	810	3.00	280	3.00	330	3.00	240	3.00	300	3.00		XRF		
COMLAB	405	1.26	75	-0.36	1390	1.10	7	-0.16	14	0.64	634	1.46	1	-0.75	85	-0.04	2	-0.61	6	0.09	4A	AAS		
COMLAB	393	0.91	73	-0.58	1321	0.45	3	-1.62	1	-3.00	603	0.73	<1	blid	85	-0.04	<1	blid	2	-3.00	AR	AAS		
COMLAB	355	-0.19	63	-1.71	1155	-1.12	17	3.00	32	3.00	401	-3.00	6	0.47	58	-3.00	12	0.38	16	3.00	4A	ES		
COMLAB	330	-0.92	65	-1.48	1180	-0.88	6	-0.52	9	-1.05	550	-0.52	<2	blid	82	-0.50	<2	blid	5	-1.53	3A	AAS		
COMLAB	362	0.01	78	-0.02	1100	-1.64	5	-0.89	12	-0.04	528	-1.03	2	-0.51	78	-1.12	2	-0.61	5	-1.53	3A	AAS		
COMLAB	340	-0.63	82	0.43	1323	0.47	<15	blid	<15	blid	589	0.40	<15	blid	85	-0.04	<15	blid	<15	blid	<15	blid	4A	AAS
COMLAB	308	-1.56	77	-0.13	1290	0.16	6	-0.52	14	0.64	556	-0.37	2	-0.51	88	0.43	4	-0.42	7	1.71	4A	MS		
COMLAB	315	-1.36	83	0.50	1263	-0.10	7	-0.31	14	0.54	551	-0.50	1	-0.82	84	-0.16	1	-0.71	6	0.43	FUS	ICP		
COMLAB	384	0.65	74	-0.47	1250	-0.22	<3	blid	10	-0.71	593	0.50	<3	blid	73	-1.90	<3	blid	<3	blid	<3	blid	4A	ES
COMLAB	402	1.18	99	2.29	1506	2.20	3	-1.62	5	-2.41	622	1.18	9	1.21	98	1.90	7	-0.12	6	0.09	3A	AAS		
COMLAB	353	-0.25	66	-1.37	1186	-0.82	6	-0.52	11	-0.38	574	0.05	4	-0.02	80	-0.81	<5	blid	5	-1.53	4A	ES		
COMLAB	368	0.19	76	-0.24	1337	0.60	6	-0.52	12	-0.04	568	-0.09	<5	blid	84	-0.19	<5	blid	<5	blid	<5	blid	AR	ES
COMLAB	370	0.24	76	-0.24	1225	-0.45	13	2.03	10	-0.71	556	-0.37	3	-0.26	89	0.58	4	-0.42	6	0.09	AR	ES		
COMLAB	276	-2.49	65	-1.48	1149	-1.17	6	-0.52	9	-1.05	552	-0.47	<5	blid	75	-1.59	<5							

Cobalt Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

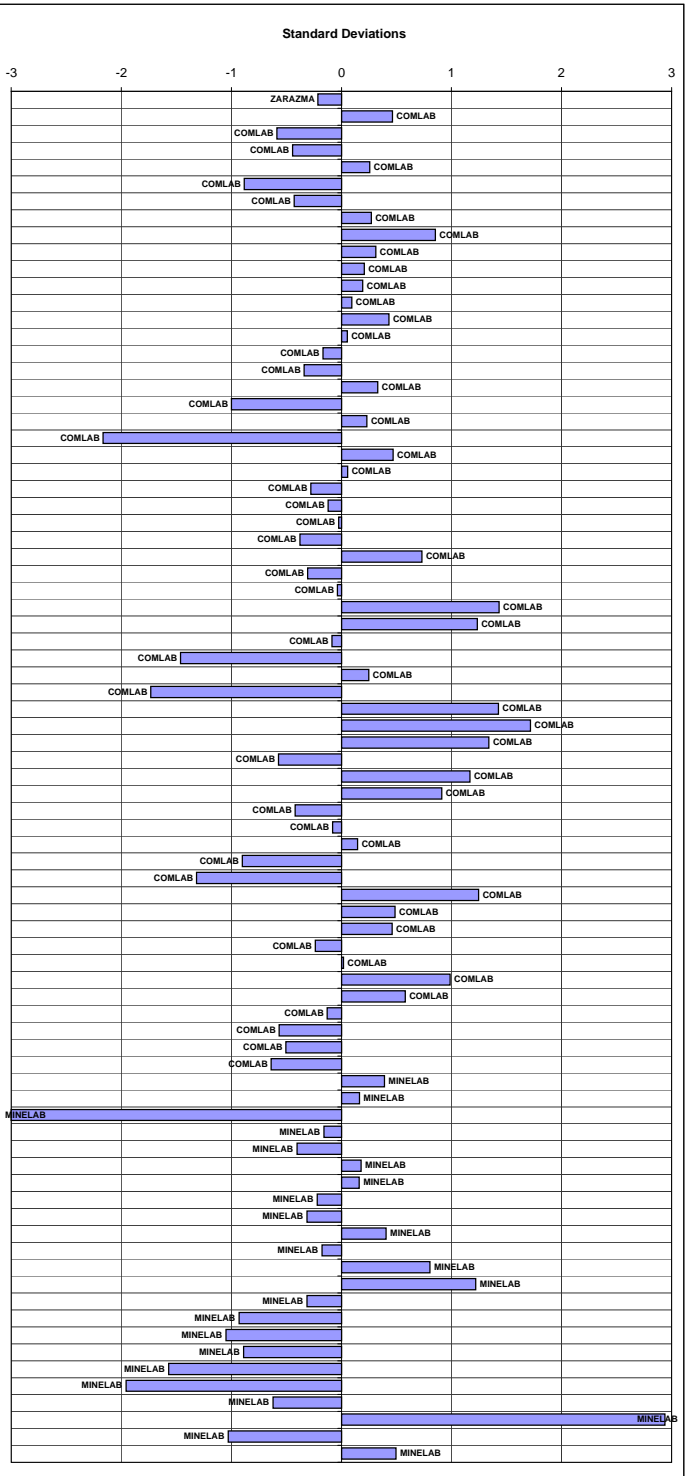
Standard Reference	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10
MEAN (ppm)	36	38	62	12	247	476	8	50	26	23
STDEV (ppm)	8	8	9	3	22	39	4	4	10	3
95% CI (ppm)	2	2	2	1	5	9	1	1	2	1
95% CI (%)	5.56%	4.86%	3.51%	5.22%	2.14%	1.99%	12.13%	1.80%	8.84%	2.95%
MIN (ppm)	21	22	42	8	196	398	1	42	13	17
MEDIAN (ppm)	36	39	62	11	250	473	9	49	28	23
MAX (ppm)	57	55	85	19	300	583	16	58	47	30
IQR (ppm)	13	12	12	4	21	41	6	5	15	3
COUNT	67	66	65	62	68	65	58	65	65	62

Standard Reference	GBM310-1		GBM310-2		GBM310-3		GBM310-4		GBM310-5		GBM310-6		GBM310-7		GBM310-8		GBM310-9		GBM310-10		Method	Reading	
	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score			
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score			
BECQUEREL-NAA	45	1.08	48	1.27	74	1.38	11	-0.42	278	1.38	527	1.31	12	1.01	52	0.64	34	0.81	26	0.95	NAA		
ZARAZMA	23	-1.56	27	-1.46	49	-1.42	9	-1.33	240	-0.34	417	-1.52	2	-1.51	38	-3.00	14	-1.34	32	3.00	AR	ES	
COMLAB	40	0.48	40	0.23	70	0.93	<10	blid	250	0.12	480	0.10	<10	blid	50	0.09	30	0.38	20	-1.24	4A	ES	
COMLAB	42	0.73	47	1.11	71	1.02	12	-0.22	258	0.46	473	-0.07	11	0.69	53	1.00	34	0.84	25	0.69	4A	ICP	
COMLAB	50	1.69	50	1.53	70	0.93	<30	blid	260	0.57	460	-0.41	<30	blid	50	0.09	<30	blid	<30	blid	4A	ES	
COMLAB	41	0.60	44	0.75	66	0.48	10	-0.82	236	-0.52	467	-0.23	7	-0.30	50	0.09	31	0.49	20	-1.24	4A	AAS	
COMLAB	47	1.32	33	-0.69	57	-0.54	17	1.98	262	0.66	522	1.18	2	-1.62	57	2.01	38	1.23	29	2.04	4A	AAS	
COMLAB	44	0.93	50	1.49	76	1.64	11	-0.50	270	1.02	470	-0.16	11	0.75	49	-0.15	34	0.84	25	0.69	1A	ES	
COMLAB	50	1.69	50	1.53	70	0.93	<30	blid	300	2.38	490	0.36	<30	blid	50	0.09	40	1.44	40	3.00	4A	ES	
COMLAB	47	1.26	50	1.57	81	2.17	18	2.26	251	0.14	473	-0.09	16	2.03	50	0.01	47	2.16	28	1.60	4A	ES	
COMLAB	38	0.24	42	0.49	65	0.36	10	-0.82	246	-0.07	465	-0.29	10	0.48	46	-1.00	30	0.38	22	-0.51	4A	ES	
COMLAB	43	0.84	45	0.88	69	0.82	11	-0.42	261	0.61	495	0.49	12	1.01	49	-0.18	33	0.70	24	0.22	4A	ES	
COMLAB	34	-0.24	36	-0.30	58	-0.43	11	-0.42	244	-0.16	470	-0.16	9	0.22	47	-0.73	25	-0.14	19	-1.60	4A	ES	
COMLAB	39	0.36	42	0.49	66	0.48	10	-0.82	248	0.03	469	-0.18	11	0.75	47	-0.73	27	0.07	22	-0.51	4A	ES	
COMLAB	39	0.36	41	0.36	64	0.25	10	-0.82	240	-0.34	451	-0.65	10	0.48	49	-0.18	30	0.38	22	-0.51	4A	ES	
COMLAB	36	0.00	40	0.23	62	0.02	10	-0.82	251	0.16	460	-0.41	10	0.48	47	-0.73	28	0.17	22	-0.51	4A	ES	
COMLAB	28	-0.97	31	-0.95	55	-0.77	11	-0.42	242	-0.25	509	0.85	3	-1.35	49	-0.18	14	-1.30	22	-0.51	AR	AAS	
COMLAB	39	0.36	42	0.49	67	0.59	11	-0.42	248	0.03	463	-0.34	10	0.48	45	-1.27	29	0.28	21	-0.87	4A	ES	
COMLAB	40	0.48	42	0.49	65	0.36	10	-0.82	275	1.25	490	0.10	11	0.75	50	0.09	30	0.38	25	0.58	4A	ES	
COMLAB	44	0.96	44	0.75	66	0.48	12	-0.02	268	0.93	490	0.36	10	0.48	52	0.64	32	0.59	24	0.22	4A	ES	
COMLAB	46	1.25	44	0.72	66	0.48	15	1.18	223	-1.10	442	-0.88	9	0.09	48	-0.51	46	2.05	24	0.22	4A	ES	
COMLAB	31	-0.60	34	-0.56	58	-0.43	13	0.38	255	0.34	475	-0.03	6	-0.57	45	-1.27	21	-0.56	24	0.22	3A	ES	
COMLAB	27	-1.09	32	-0.82	51	-1.22	15	1.18	248	0.03	451	-0.65	1	-1.88	48	-0.45	17	-0.98	22	-0.51	3A	AAS	
COMLAB	22	-1.71	22	-1.82	28	-3.00	17	1.79	247	-0.02	791	3.00	6	-0.69	51	0.49	16	-1.14	11	3.00	AR	AAS	
COMLAB	30	-0.72	30	-1.08	60	-0.20	10	-0.82	240	-0.34	490	0.36	<10	blid	50	0.09	20	-0.67	20	-1.24	AR	AAS	
COMLAB	43	0.84	45	0.88	69	0.82	11	-0.42	254	0.30	497	0.54	11	0.75	52	0.64	31	0.49	25	0.58	4A	AAS	
COMLAB	32	-0.48	34	-0.56	59	-0.32	14	0.78	223	-1.11	438	-0.98	6	-0.57	47	-0.73	23	-0.35	22	-0.51	AR	ES	
COMLAB	57	2.53	62	3.00	85	2.63	19	2.77	262	0.66	456	-0.52	20	3.00	52	0.64	59	3.00	26	0.95	4A	ES	
COMLAB	51	1.81	52	1.79	75	1.49	15	1.18	239	-0.38	418	-1.50	15	1.80	47	-0.73	46	2.07	26	0.95	4A	ES	
COMLAB	46	1.19	49	1.41	75	1.50	11	-0.24	280	1.48	556	2.06	12	1.03	55	1.44	35	0.90	24	0.28	4A	MS	
COMLAB	25	-1.33	55	2.19	34	-3.00	14	0.78	293	2.06	560	2.17	14	1.53	58	2.28	46	2.07	28	1.67	4A	ES	
COMLAB	32	-0.48	33	-0.36	58	-0.43	13	0.38	274	1.20	489	0.33	4	-1.09	51	0.37	19	-0.77	24	0.22	3A	ES	
COMLAB	43	0.84	41	0.69	64	0.25	11	-0.46	263	0.69	475	-0.03	11	0.64	49	-0.21	33	0.70	23	-0.15	4A	MS	
COMLAB	39	0.36	44	0.75	65	0.36	11	-0.42	264	0.75	460	-0.41	11	0.75	48	-0.45	30	0.38	24	0.22	4A	ES	
COMLAB	48	1.45	50	1.53	72	1.16	15	1.18	253	0.25	461	-0.39	15	1.80	48	-0.45	42	1.65	27	1.31	4A	ES	
COMLAB	30	-0.72	32	-0.82	54	-0.88	9	-1.21	244	-0.16	453	-0.60	<4	blid	55	1.46	16	-1.09	22	-0.51	AR	AAS	
COMLAB	34	-0.24	37	-0.17	61	-0.09	12	-0.02	250	0.12	497	0.54	6	-0.57	52	0.64	18	-0.88	22	-0.51	4A	ICP	
COMLAB	<100	blid	<100	blid	<100	blid	<100	blid	280	1.47	530	1.39	<100	blid	<100	blid	<100	blid	<100	blid	<100	blid	XRF
COMLAB	41	0.60	42	0.49	62	0.02	12	-0.02	232	-0.70	463	-0.34	11	0.75	49	-0.18	32	0.59	24	0.22	4A	AAS	
COMLAB	33	-0.36	35	-0.43	51	-1.22	4	3.00	205	-1.92	325	-3.00	5	-0.83	34	-3.00	30	0.38	49	3.00	FUS	ICP	
COMLAB	27	-1.09	31	-0.95	48	-1.56	10	-0.82	196	-2.33	282	-3.00	3	-1.35	50	0.09	15	-1.19	17	-2.33	AR	AAS	
COMLAB	28	-0.97	29	-1.21	42	-2.24	11	-0.42	204	-1.97	436	-1.03	5	-0.83	46	-1.00	16	-1.09	22	-0.51	3A	AAS	
COMLAB	39	0.36	41	0.36	58	-0.43	12	-0.02	204	-1.97	406	-1.81	12	1.01	42	-2.09	32	0.59	24	0.22	4A	ES	
COMLAB	30	-0.72	30	-1.08	62	0.02	10	-0.82	257	0.43	560	2.17	<4	blid	49	-0.18	14	-1.30	19	-1.60	3A	AAS	
COMLAB	35	-0.12	36	-0.30	58	-0.43	<20	blid	222	-1.15	453	-0.60	<20	blid	45	-1.27	24	-0.25	23	-0.15	3A	AAS	
COMLAB	37	0.12	39	0.10	66	0.48	9	-1.21	254	0.30	457	-0.49	10	0.48	48	-0.45	31	0.49	23	-0.15	4A	AAS	
COMLAB	39	0.36	40	0.23	64	0.25	11	-0.42	240	-0.34	464	-0.31	10	0.48	47	-0.73	29	0.28	23	-0.15	4A	AAS	
COMLAB	39	0.36	41	0.36	65	0.36	8	-1.61	258	0.48	484	0.20	9	0.22	51	0.37	30	0.38	30	2.40	4A	AAS	
COMLAB	44	0.96	47	1.11	76	1.64	12	-0.10	277	1.34	508	0.82	12	0.96	58	2.39	34	0.84	25	0.58	FUS	ICP	
COMLAB	40	0.48	40	0.23	63	0.14	10	-0.82	263	0.70	506	0.77	9	0.22	52	0.64	13	-1.40	23	-0.15	4A	ES	
COMLAB	27	-1.09	28	-1.34																			

Ore Grade Copper Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-11	GBM310-12	GBM310-13	GBM310-14	GBM310-15	GBM310-16
MEAN (ppm)	11695	9062	334	114	239092	3554
STDEV (ppm)	465	407	20	16	9029	181
95% CI (ppm)	104	92	10	8	2162	79
95% CI (%)	0.89%	1.01%	3.10%	7.45%	0.90%	2.23%
MIN (ppm)	10500	7962	300	80	215000	3235
MEDIAN (ppm)	11760	9100	330	114	238134	3562
MAX (ppm)	12823	10191	370	141	259757	3900
IQR (ppm)	576	500	28	13	9318	210
COUNT	77	77	15	15	68	21

Standard Reference	GBM310-11		GBM310-12		GBM310-13		GBM310-14		GBM310-15		GBM310-16		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
ZARAZMA	11853	0.34	8986	-0.19	nr	nr	nr	nr	231950	-0.79	nr	nr	AR	ES
COMLAB	11920	0.48	8880	-0.45	360	1.30	140	1.63	251300	1.35	3600	0.26	AR	ES
COMLAB	11000	-1.50	8510	-1.36	nr	nr	nr	nr	249000	1.10	nr	nr	4A	ES
COMLAB	11500	-0.42	8800	-0.64	nr	nr	nr	nr	236700	-0.26	nr	nr	4A	AAS,VOL
COMLAB	11500	-0.42	9100	0.09	nr	nr	nr	nr	249000	1.10	nr	nr	AR	AAS
COMLAB	11500	-0.42	8520	-1.33	nr	nr	nr	nr	231000	-0.90	nr	nr	4A	ES
COMLAB	11570	-0.27	8680	-0.94	410	3.00	410	3.00	238400	-0.08	3900	1.91	FUS	ES
COMLAB	12000	0.66	9130	0.17	nr	nr	nr	nr	239000	-0.01	nr	nr	4A	ES
COMLAB	11800	0.23	9430	0.90	nr	nr	nr	nr	252000	1.43	nr	nr	4A	ES
COMLAB	11900	0.44	9540	1.17	nr	nr	nr	nr	233000	-0.67	nr	nr	4A	ES
COMLAB	11800	0.23	9230	0.41	330	-0.22	120	0.40	239000	-0.01	3430	-0.68	1A,4A	AAS
COMLAB	11800	0.23	9300	0.58	nr	nr	nr	nr	237000	-0.23	nr	nr	4A	AAS
COMLAB	11800	0.23	9270	0.51	nr	nr	nr	nr	235000	-0.45	nr	nr	AR	ES
COMLAB	12100	0.87	9330	0.66	nr	nr	nr	nr	237000	-0.23	nr	nr	4A	ES
COMLAB	12050	0.76	9000	-0.15	nr	nr	nr	nr	235000	-0.45	nr	nr	4A	AAS
COMLAB	11000	-1.50	8660	-0.99	nr	nr	nr	nr	257000	1.98	nr	nr	AR	AAS
COMLAB	11500	-0.42	8900	-0.40	nr	nr	nr	nr	237300	-0.20	nr	nr	4A	AAS,VOL
COMLAB	11950	0.55	9200	0.34	nr	nr	nr	nr	240000	0.10	nr	nr	4A	ES
COMLAB	3500	-3.00	235000	3.00	200	3.00	nr	nr	8000	-3.00	nr	nr	FUS	XRF
COMLAB	11800	0.23	9120	0.14	340	0.29	110	-0.22	242000	0.32	3600	0.26	4A	ES
COMLAB	10820	-1.88	7962	-2.70	300	-1.73	109	-0.28	221860	-1.91	3235	-1.76	4A	ES
COMLAB	11900	0.44	9056	-0.01	nr	nr	nr	nr	248000	0.99	nr	nr	4A	ES
COMLAB	11900	0.44	9000	-0.15	nr	nr	nr	nr	238000	-0.12	nr	nr	FUS	XRF
COMLAB	11530	-0.36	8930	-0.32	nr	nr	nr	nr	237700	-0.15	nr	nr	3A	AAS
COMLAB	11600	-0.21	9100	0.09	nr	nr	nr	nr	236800	-0.25	nr	nr	4A	AAS
COMLAB	11669	-0.06	8605	-1.12	nr	nr	nr	nr	249067	1.10	nr	nr	4A	ES
COMLAB	12300	1.30	9160	0.24	nr	nr	nr	nr	215000	-2.67	nr	nr	4A	AAS
COMLAB	12230	1.15	9260	0.49	nr	nr	nr	nr	244090	0.55	3510	-0.24	4A	MS
COMLAB	12140	0.96	9520	1.12	nr	nr	nr	nr	4280	-3.00	nr	nr	4A	ES
COMLAB	11702	0.01	9113	0.13	nr	nr	nr	nr	236830	-0.25	nr	nr	3A	ES
COMLAB	12500	1.73	9564	1.23	nr	nr	nr	nr	251100	1.33	nr	nr	4A	ES
COMLAB	12300	1.30	9547	1.19	nr	nr	nr	nr	250000	1.21	nr	nr	4A	ES
COMLAB	11600	-0.21	9000	-0.15	nr	nr	nr	nr	240000	0.10	nr	nr	4A	AAS
COMLAB	11200	-1.07	8300	-1.87	nr	nr	nr	nr	226000	-1.45	nr	nr	3A	AAS
COMLAB	11864	0.36	9163	0.25	nr	nr	nr	nr	240332	0.14	nr	nr	AR	ES
COMLAB	10700	-2.14	8230	-2.04	nr	nr	nr	nr	230000	-1.01	nr	nr	4A	AAS
COMLAB	12200	1.09	9600	1.32	<500	blid	<500	blid	256000	1.87	4600	3.00	AR	ES
COMLAB	11739	0.09	10191	2.77	nr	nr	nr	nr	259757	2.29	nr	nr	FUS	ICP
COMLAB	11990	0.63	9220	0.39	nr	nr	nr	nr	273800	3.00	nr	nr	3A	AAS
COMLAB	11156	-1.16	8797	-0.65	324	-0.52	93	-1.28	239960	0.10	3295	-1.43	3A	AAS
COMLAB	11882	0.40	9102	0.10	nr	nr	nr	nr	298837	3.00	nr	nr	4A	ES
COMLAB	12100	0.87	9600	1.32	nr	nr	nr	nr	244000	0.54	nr	nr	3A	AAS
COMLAB	11500	-0.42	8800	-0.64	nr	nr	nr	nr	237300	-0.20	nr	nr	4A	AAS,GRAY
COMLAB	11390	-0.66	9030	-0.08	330	-0.22	80	-2.08	243589	0.50	3540	-0.07	4A	AAS
COMLAB	11811	0.25	9262	0.49	nr	nr	nr	nr	236400	-0.30	nr	nr	4A	AAS
COMLAB	11400	-0.64	8450	-1.50	320	-0.72	130	1.02	234000	-0.56	3590	0.20	4A	AAS
COMLAB	11000	-1.50	8600	-1.13	nr	nr	nr	nr	nr	nr	3770	1.20	4A	ES
COMLAB	12600	1.95	9730	1.64	nr	nr	nr	nr	240500	0.16	nr	nr	4A	AAS
COMLAB	12400	1.52	9000	-0.15	350	0.79	110	-0.22	240000	0.10	3800	1.36	4A,FUS	ES
COMLAB	11685	-0.02	9207	0.36	329	-0.27	114	0.02	248567	1.05	3562	0.05	4A	ES
COMLAB	11400	-0.64	9700	1.57	nr	nr	nr	nr	224300	-1.64	nr	nr	MAD	ICP
COMLAB	11610	-0.18	9300	0.58	<2000	blid	<2000	blid	235970	-0.35	3470	-0.46	3A	ES
COMLAB	12145	0.97	9362	0.74	nr	nr	nr	nr	250460	1.26	nr	nr	4A	ES
COMLAB	11760	0.14	9610	1.35	350	0.79	120	0.40	241420	0.26	3570	0.09	3A	ES
COMLAB	11670	-0.05	8980	-0.20	nr	nr	nr	nr	nr	nr	nr	nr	3A	ES
COMLAB	12087	0.84	9249	0.46	476	3.00	210	3.00	149098	-3.00	3371	-1.01	3A	AAS
COMLAB	12000	0.66	9400	0.83	nr	nr	nr	nr	195100	-3.00	nr	nr	4A	ES
COMLAB	11500	-0.42	9000	-0.15	400	3.00	100	-0.84	227000	-1.34	3400	-0.85	4A	AAS
MINELAB	12823	2.43	9306	0.60	nr	nr	nr	nr	222335	-1.86	nr	nr	4A	ES
MINELAB	11800	0.23	9400	0.83	nr	nr	nr	nr	234000	-0.56	nr	nr	FUS	ES
MINELAB	6980	-3.00	4530	3.00	nr	nr	nr	nr	2040	-3.00	nr	nr	AR	AAS
MINELAB	11600	-0.21	9000	-0.15	nr	nr	nr	nr	238000	-0.12	nr	nr	4A	AAS
MINELAB	11400	-0.64	9200	0.34	nr	nr	nr	nr	230900	-0.91	nr	nr	4A	AAS
MINELAB	11600	-0.21	9400	0.83	nr	nr	nr	nr	238300	-0.09	nr	nr	1A	AAS
MINELAB	11800	0.23	9170	0.26	nr	nr	nr	nr	239000	-0.01	nr	nr	4A	AAS
MINELAB	11800	0.23	9070	0.02	331	-0.16	114	0.02	230900	-0.91	3640	0.48	AR	ES
MINELAB	11100	-1.28	8800	-0.64	nr	nr	nr	nr	248000	0.99	nr	nr	3A	AAS
MINELAB	11800	0.23	9200	0.34	370	1.80	117	0.21	245000	0.65	3500	-0.30	3A	AAS
MINELAB	11237	-0.99	8432	-1.55	nr	nr	nr	nr	257175	2.00	nr	nr	AR	ES
MINELAB	12249	1.19	9597	1.31	313	-1.07	33	-3.00	238267	-0.09	3843	1.60	4A	ES
MINELAB	12688	2.14	9630	1.39	nr	nr	nr	nr	240232	0.13	nr	nr	nr	nr
MINELAB	11400	-0.64	9100	0.09	nr	nr	nr	nr	235500	-0.40	3690	0.75	AR	AAS
MINELAB	12147	0.97	8753	-0.76	nr	nr	nr	nr	22744	-3.00	nr	nr	AR	AAS
MINELAB	11000	-1.50	8500	-1.38	nr	nr	nr	nr	236700	-0.26	nr	nr	4A	AAS
MINELAB	11006	-1.48	8943	-0.29	356	1.10	141	1.70	>50000	ald	3308	-1.36	AR	MS
MINELAB	10500	-2.57	8260	-1.97	nr	nr	nr	nr	237600	-0.17	nr	nr	MAD	ES
MINELAB	10875	-1.77	8252	-1.99	311	-1.17	106	-0.47	220019	-2.11	7124	3.00	AR	ES
MINELAB	11414	-0.61	8929	-0.33	nr	nr	nr	nr	230707	-0.93	nr	nr	AR	ES
MINELAB	13345	3.00	10211	2.82	nr	nr	nr	nr	271439	3.00	nr	nr	AR	ES
MINELAB	11000	-1.50	8600	-1.13	nr	nr	nr	nr	235000	-0.45	nr	nr	FUS	XRF
MINELAB	11930	0.50	9152	0.22	nr	nr	nr	nr						

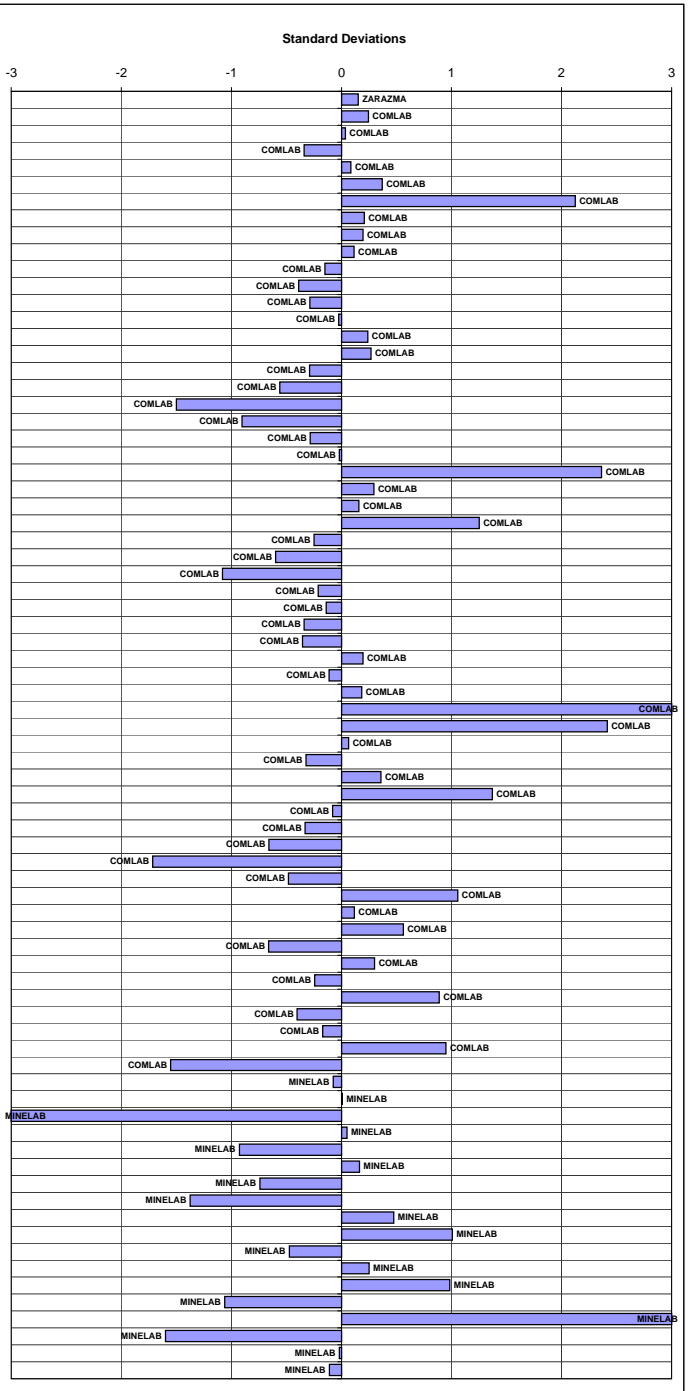
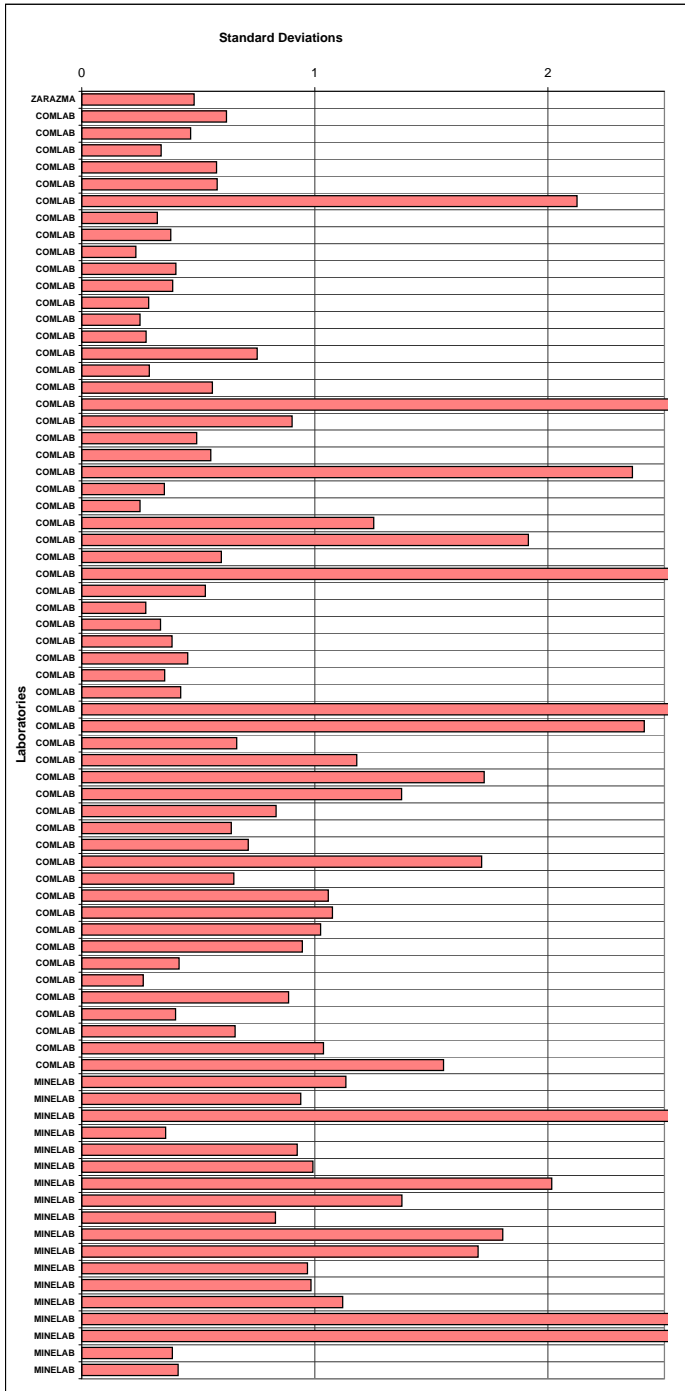


Ore Grade Lead Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-11	GBM310-12	GBM310-13	GBM310-14	GBM310-15	GBM310-16
MEAN (ppm)	41	30	21599	89774	3313	113236
STDEV (ppm)	30	30	856	3342	152	4585
95% CI (ppm)	21	27	207	813	37	1141
95% CI (%)	51.00%	88.16%	0.96%	0.91%	1.11%	1.01%
MIN (ppm)	6	6	19700	81300	2951	101200
MEDIAN (ppm)	34	15	21400	90100	3312	113000
MAX (ppm)	100	80	23700	97200	3700	124700
IQR (ppm)	38	35	900	4143	199	3645
COUNT	9	6	67	66	66	63

Standard Reference	GBM310-11		GBM310-12		GBM310-13		GBM310-14		GBM310-15		GBM310-16		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
ZARAZMA	nr	nr	nr	nr	21034	-0.66	91687	0.57	3321	0.05	116206	0.65	AR	ES
COMLAB	<200	bid	<200	bid	22000	0.47	92500	0.82	3200	-0.75	115300	0.45	4A	ES
COMLAB	nr	nr	nr	nr	22300	0.82	90400	0.19	3190	-0.81	113000	-0.05	4A	ES
COMLAB	nr	nr	nr	nr	21100	-0.58	89700	-0.02	3200	-0.75	113200	-0.01	4A	AAS,VOL
COMLAB	nr	nr	nr	nr	20800	-0.93	90100	0.10	3500	1.23	113000	-0.05	AR	AAS
COMLAB	nr	nr	nr	nr	22400	0.94	93000	0.97	3290	-0.15	112000	-0.27	4A	ES
COMLAB	140	3.00	80	1.64	23250	1.93	93350	1.07	4400	3.00	124700	2.50	FUS	ES
COMLAB	nr	nr	nr	nr	21400	-0.23	91000	0.37	3410	0.64	113500	0.06	4A	ES
COMLAB	nr	nr	nr	nr	21300	-0.35	89700	-0.02	3430	0.77	115000	0.38	4A	ES
COMLAB	nr	nr	nr	nr	21400	-0.23	90300	0.16	3360	0.31	114300	0.23	4A	ES
COMLAB	30	-0.37	10	-0.67	21600	0.00	87700	-0.62	3390	0.51	111000	-0.49	1A,4A	AAS
COMLAB	nr	nr	nr	nr	21400	-0.23	86900	-0.86	3300	-0.09	111500	-0.38	4A	AAS
COMLAB	nr	nr	nr	nr	20900	-0.82	89500	-0.08	3300	-0.09	112500	-0.16	AR	ES
COMLAB	nr	nr	nr	nr	21200	-0.47	89500	-0.08	3340	0.18	114500	0.28	4A	ES
COMLAB	nr	nr	nr	nr	22400	0.94	90100	0.10	3310	-0.02	113000	-0.05	4A	AAS
COMLAB	nr	nr	nr	nr	21300	-0.35	93500	1.11	3220	-0.61	117500	0.93	AR	AAS
COMLAB	nr	nr	nr	nr	20900	-0.82	89100	-0.20	3300	-0.09	113000	-0.05	4A	AAS
COMLAB	nr	nr	nr	nr	21600	0.00	87500	-0.68	3250	-0.42	108000	-1.14	4A	ES
COMLAB	nr	nr	nr	nr	91000	3.00	21500	-3.00	100	-3.00	100	-3.00	FUS	XRF
COMLAB	60	0.62	14	-0.53	21400	-0.23	87000	-0.83	3100	-1.41	108000	-1.14	4A	MS
COMLAB	22	-0.63	16	-0.47	20956	-0.75	91180	0.42	3213	-0.66	112600	-0.14	4A	ES
COMLAB	nr	nr	nr	nr	22200	0.70	88300	-0.44	3369	0.37	110000	-0.71	4A	ES
COMLAB	nr	nr	nr	nr	24400	3.00	97100	2.19	4200	3.00	119000	1.26	FUS	XRF
COMLAB	nr	nr	nr	nr	21600	0.00	90660	0.26	3470	1.03	112700	-0.12	3A	AAS
COMLAB	nr	nr	nr	nr	21600	0.00	90600	0.25	3400	0.57	112400	-0.18	4A	AAS
COMLAB	nr	nr	nr	nr	23520	2.24	91593	0.54	3633	2.11	113753	0.11	4A	ES
COMLAB	nr	nr	nr	nr	23400	2.10	81300	-2.54	3500	1.23	105000	-1.80	4A	AAS
COMLAB	nr	nr	nr	nr	20566	-1.21	87254	-0.75	3313	0.00	111248	-0.43	4A	MS
COMLAB	nr	nr	nr	nr	20470	-1.32	71360	-3.00	109320	3.00	3480	-3.00	4A	ES
COMLAB	nr	nr	nr	nr	21269	-0.39	87461	-0.69	3410	0.64	111390	-0.40	3A	ES
COMLAB	nr	nr	nr	nr	21200	-0.47	89900	0.04	3349	0.24	111600	-0.36	4A	ES
COMLAB	nr	nr	nr	nr	21200	-0.47	88800	-0.29	3277	-0.24	111600	-0.36	4A	ES
COMLAB	nr	nr	nr	nr	21500	-0.12	90000	0.07	3200	-0.75	110400	-0.62	4A	AAS
COMLAB	nr	nr	nr	nr	21200	-0.47	90000	0.07	3500	1.23	113000	-0.05	3A	AAS
COMLAB	nr	nr	nr	nr	21662	0.07	86642	-0.94	3367	0.35	113492	0.06	AR	ES
COMLAB	nr	nr	nr	nr	22100	0.59	90600	0.25	3240	-0.48	115000	0.38	4A	AAS
COMLAB	<500	bid	720	3.00	24300	3.00	102000	3.00	4300	3.00	131000	3.00	AR	ES
COMLAB	nr	nr	nr	nr	26337	3.00	91967	0.66	3836	3.00	144758	3.00	FUS	ICP
COMLAB	nr	nr	nr	nr	22850	1.46	88070	-0.51	3240	-0.48	112300	-0.20	3A	AAS
COMLAB	nr	nr	nr	nr	22589	1.16	56093	-3.00	3360	0.31	114400	0.25	3A	AAS
COMLAB	nr	nr	nr	nr	20472	-1.32	93687	1.17	3098	-1.42	146826	3.00	4A	ES
COMLAB	nr	nr	nr	nr	21700	0.12	97200	2.22	3600	1.89	119000	1.26	3A	AAS
COMLAB	nr	nr	nr	nr	22400	0.94	86600	-0.95	3400	0.57	109200	-0.88	4A	AAS
COMLAB	<100	bid	<100	bid	22000	0.47	85200	-1.37	3300	-0.09	nr	nr	4A	AAS
COMLAB	nr	nr	nr	nr	21611	0.01	90100	0.10	2951	-2.39	111600	-0.36	4A	AAS
COMLAB	50	0.29	<20	bid	20200	-1.63	84200	-1.67	2980	-2.20	107000	-1.36	4A	AAS
COMLAB	nr	nr	nr	nr	19700	-2.22	90100	0.10	3350	0.24	113000	-0.05	3A,4A	ES
COMLAB	nr	nr	nr	nr	22800	1.17	93500	1.11	3600	1.89	113500	0.06	4A	AAS
COMLAB	nr	nr	nr	nr	20600	-1.17	92100	0.70	3200	-0.75	121000	1.69	FUS	ES
COMLAB	63	0.72	56	0.85	21701	0.12	95594	1.74	3173	-0.92	119272	1.32	4A	ES
COMLAB	nr	nr	nr	nr	20800	-0.93	85600	-1.25	3400	0.57	108500	-1.03	MAD	ICP
COMLAB	<2000	bid	<2000	bid	21400	-0.23	90500	0.22	3400	0.57	116200	0.65	3A	ES
COMLAB	nr	nr	nr	nr	21474	-0.15	89615	-0.05	3189	-0.82	113425	0.04	4A	ES
COMLAB	<100	bid	<100	bid	21900	0.35	93700	1.17	3400	0.57	119900	1.45	3A	ES
COMLAB	nr	nr	nr	nr	21200	-0.47	88600	-0.35	3300	-0.09	110000	-0.71	3A	ES
COMLAB	6	-1.18	6	-0.81	22200	0.70	90684	0.27	3079	-1.55	112732	-0.11	3A	AAS
COMLAB	nr	nr	nr	nr	23300	1.99	nr	nr	3300	-0.09	nr	nr	4A	ES
COMLAB	100	1.94	<100	bid	20400	-1.40	82200	-2.27	3200	-0.75	105000	-1.80	4A	AAS
MINELAB	nr	nr	nr	nr	21657	0.07	96615	2.05	3084	-1.51	109089	-0.90	4A	ES
MINELAB	nr	nr	nr	nr	21200	-0.47	86000	-1.13	3600	1.89	112000	-0.27	FUS	ES
MINELAB	nr	nr	nr	nr	720	-3.00	1280	-3.00	160	-3.00	420	-3.00	AR	AAS
MINELAB	nr	nr	nr	nr	21300	-0.35	90600	0.25	3400	0.57	112000	-0.27	4A	AAS
MINELAB	nr	nr	nr	nr	20800	-0.93	86400	-1.01	3220	-0.61	108000	-1.14	4A	AAS
MINELAB	<10	bid	<10	bid	21220	-0.44	93600	1.14	3130	-1.21	118600	1.17	AR	ES
MINELAB	nr	nr	nr	nr	20400	-1.40	84800	-1.49	3700	2.55	101200	-2.63	3A	AAS
MINELAB	7	-1.14	3576	3.00	>10000	ald	>10000	ald	3105	-1.37	>10000	ald	AR	ES
MINELAB	nr	nr	nr	nr	21906	0.36	92617	0.85	3205	-0.71	119675	1.40	AR	ES
MINELAB	<10	bid	<10	bid	23607	2.35	84450	-1.59	3457	0.95	123947	2.34	4A	ES
MINELAB	nr	nr	nr	nr	23700	2.45	86000	-1.13	3280	-0.22	86000	-3.00	AR	AAS
MINELAB	nr	nr	nr	nr	22370	0.90	90554	0.23	3096	-1.43	119226	1.31	AR	AAS
MINELAB	nr	nr	nr	nr	21877	0.32	94077	1.29	3372	0.39	122100	1.93	4A	AAS
MINELAB	34	-0.24	<30	bid	21218	-0.45	84646	-1.53	3331	0.12	102312	-2.38	AR	MS
MINELAB	nr	nr	nr	nr	29390	3.00	116244	3.00	5661	3.00	138592	3.00	AR	ES
MINELAB	nr	nr	nr	nr	23826	2.60	40914	-3.00	2771	-3.00	35840	-3.00	AR	ES
MINELAB	nr	nr	nr	nr	21200	-0.47	88600	-0.35	3400	0.57	114000	0.17	FUS	XRF
MINELAB	nr	nr	nr	nr	21064	-0.63	90500	0.22	3373	0.39	111321	-0.42	3A	AAS

Highlighted values are outliers which are assigned a z-score of -3.00 or 3.00 in the standardised values



Ore Grade Zinc Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-11	GBM310-12	GBM310-13	GBM310-14	GBM310-15	GBM310-16
MEAN (ppm)	142	102	108471	179087	11988	171459
STDEV (ppm)	44	47	4824	8959	482	8378
95% CI (ppm)	23	27	1182	2129	116	2021
95% CI (%)	16.28%	26.04%	1.09%	1.19%	0.97%	1.18%
MIN (ppm)	74	17	97410	156316	10800	150000
MEDIAN (ppm)	140	120	108000	179233	12000	170600
MAX (ppm)	215	200	117025	196575	13300	191551
IQR (ppm)	67	42	5200	10300	800	9669
COUNT	15	13	65	69	67	67

Standard Reference	GBM310-11		GBM310-12		GBM310-13		GBM310-14		GBM310-15		GBM310-16		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
BECQUEREL-NAA	<50	bid	<50	bid	108000	-0.10	178000	-0.12	12000	0.02	172000	0.06	NAA	
ZARAZMA	nr	nr	nr	nr	105704	-0.57	174750	-0.48	12391	0.84	166182	-0.63	AR	ES
COMLAB	200	1.30	100	-0.05	107900	-0.12	182900	0.43	12400	0.85	176800	0.64	4A	ES
COMLAB	nr	nr	nr	nr	114000	1.15	187000	0.88	11600	-0.81	170000	-0.17	4A	ES
COMLAB	nr	nr	nr	nr	107100	-0.28	174200	-0.55	11900	-0.18	169500	-0.23	4A	AAS,VOL
COMLAB	nr	nr	nr	nr	109000	0.11	171000	-0.90	11600	-0.81	172000	0.06	AR	AAS
COMLAB	nr	nr	nr	nr	111000	0.52	186000	0.77	11700	-0.60	173000	0.18	4A	ES
COMLAB	180	0.85	120	0.37	131400	3.00	216100	3.00	13700	3.00	202600	3.00	FUS	ES
COMLAB	nr	nr	nr	nr	111000	0.52	184000	0.55	12200	0.44	172000	0.06	4A	ES
COMLAB	nr	nr	nr	nr	109500	0.21	180500	0.16	12800	1.68	173000	0.18	4A	ES
COMLAB	nr	nr	nr	nr	106500	-0.41	184300	0.58	11800	-0.39	169800	-0.20	4A	ES
COMLAB	140	-0.05	140	0.80	107500	-0.20	182000	0.33	11950	-0.08	169000	-0.29	1A,4A	AAS
COMLAB	nr	nr	nr	nr	107000	-0.30	178000	-0.12	12100	0.23	174500	0.36	4A	AAS
COMLAB	nr	nr	nr	nr	108000	-0.10	182000	0.33	11900	-0.18	170500	-0.11	AR	ES
COMLAB	nr	nr	nr	nr	111000	0.52	183000	0.44	12100	0.23	175500	0.48	4A	ES
COMLAB	nr	nr	nr	nr	105000	-0.72	178000	-0.12	11800	-0.39	169000	-0.29	4A	AAS
COMLAB	nr	nr	nr	nr	113500	1.04	188500	1.05	11600	-0.81	179000	0.90	AR	AAS
COMLAB	nr	nr	nr	nr	104800	-0.76	195600	1.84	11800	-0.39	168700	-0.33	4A	AAS,VOL
COMLAB	nr	nr	nr	nr	111000	0.52	184000	0.55	12000	0.02	172000	0.06	4A	ES
COMLAB	nr	nr	nr	nr	175000	3.00	106000	-3.00	200	-3.00	200	-3.00	FUS	XRF
COMLAB	140	-0.05	125	0.48	111000	0.52	182000	0.33	11900	-0.18	170000	-0.17	4A	ES
COMLAB	74	-1.55	33	-1.47	100962	-1.56	181048	0.22	11591	-0.82	163000	-1.01	4A	ES
COMLAB	nr	nr	nr	nr	110000	0.32	191000	1.33	12000	0.02	179000	0.90	4A	ES
COMLAB	nr	nr	nr	nr	116000	1.56	189000	1.11	11200	-1.64	175000	0.42	FUS	XRF
COMLAB	nr	nr	nr	nr	106700	-0.37	171000	-0.90	11850	-0.29	163700	-0.93	3A	AAS
COMLAB	nr	nr	nr	nr	105800	-0.55	172900	-0.69	11700	-0.60	166800	-0.56	4A	AAS
COMLAB	nr	nr	nr	nr	103387	-1.05	165960	-1.47	10902	-2.25	161553	-1.18	4A	ES
COMLAB	nr	nr	nr	nr	97900	-2.19	162000	-1.91	13000	2.10	160000	-1.37	4A	AAS
COMLAB	nr	nr	nr	nr	110081	0.33	177616	-0.16	11792	-0.41	170666	-0.09	4A	MS
COMLAB	nr	nr	nr	nr	52900	-3.00	66960	-3.00	65721	3.00	10380	-3.00	4A	ES
COMLAB	nr	nr	nr	nr	102213	-1.30	163472	-1.74	11632	-0.74	156521	-1.78	3A	ES
COMLAB	nr	nr	nr	nr	116700	1.71	194100	1.68	13300	2.72	184700	1.58	4A	ES
COMLAB	nr	nr	nr	nr	116100	1.58	194700	1.74	12700	1.48	175200	0.45	4A	ES
COMLAB	nr	nr	nr	nr	108000	-0.10	178100	-0.11	11800	-0.39	167000	-0.53	4A	AAS
COMLAB	nr	nr	nr	nr	106000	-0.51	174000	-0.57	12000	0.02	170000	-0.17	3A	AAS
COMLAB	nr	nr	nr	nr	110193	0.36	180771	0.19	11381	-1.26	179598	0.97	AR	ES
COMLAB	nr	nr	nr	nr	106000	-0.51	173000	-0.68	11900	-0.18	165000	-0.77	4A	AAS
COMLAB	<500	bid	<500	bid	104000	-0.93	174000	-0.57	12000	0.02	170000	-0.17	AR	ES
COMLAB	nr	nr	nr	nr	123115	3.00	177366	-0.19	14235	3.00	204427	3.00	FUS	ICP
COMLAB	nr	nr	nr	nr	112190	0.77	174712	-0.49	12728	1.53	172020	0.07	3A	AAS
COMLAB	nr	nr	nr	nr	114500	1.25	173870	-0.58	11624	-0.76	191561	2.40	3A	AAS
COMLAB	nr	nr	nr	nr	101455	-1.45	194475	1.72	12558	1.18	189402	2.14	4A	ES
COMLAB	nr	nr	nr	nr	113000	0.94	176000	-0.34	12000	0.02	173000	0.18	3A	AAS
COMLAB	nr	nr	nr	nr	108000	-0.10	176800	-0.26	12300	0.65	170000	-0.17	4A	AAS,VOL
COMLAB	160	0.40	120	0.37	97410	-2.29	164700	-1.61	11770	-0.45	nr	nr	4A	AAS
COMLAB	nr	nr	nr	nr	106600	-0.39	179000	-0.01	11728	-0.54	170600	-0.10	4A	AAS
COMLAB	170	0.63	120	0.37	98600	-2.05	164000	-1.68	11300	-1.43	158000	-1.61	4A	AAS
COMLAB	nr	nr	nr	nr	98400	-2.09	157000	-2.47	11700	-0.60	150000	-2.56	3A,4A	ES
COMLAB	nr	nr	nr	nr	112000	0.73	180000	0.10	12000	0.02	170500	-0.11	4A	AAS
COMLAB	nr	nr	nr	nr	113000	0.94	178000	-0.12	12700	1.48	165000	-0.77	4A	ES
COMLAB	134	-0.19	121	0.40	110832	0.49	181459	0.26	12361	0.77	176538	0.61	4A	ES
COMLAB	nr	nr	nr	nr	106900	-0.33	173200	-0.66	12300	0.65	165100	-0.76	MAD	ICP
COMLAB	<2000	bid	<2000	bid	106900	-0.33	177300	-0.20	12100	0.23	171200	-0.03	3A	ES
COMLAB	nr	nr	nr	nr	109196	0.15	181265	0.24	12184	0.41	174551	0.37	4A	ES
COMLAB	200	1.30	<100	bid	111200	0.57	182300	0.36	12300	0.65	181900	1.25	3A	ES
COMLAB	nr	nr	nr	nr	113700	1.08	188700	1.07	12500	1.06	180000	1.02	3A	ES
COMLAB	123	-0.44	72	-0.64	110500	0.42	185900	0.76	12174	0.38	165025	-0.77	3A	AAS
COMLAB	nr	nr	nr	nr	113600	1.06	191400	1.37	12700	1.48	186000	1.74	4A	ES
COMLAB	100	-0.96	200	2.07	87200	-3.00	117000	-3.00	10800	-2.46	118000	-3.00	4A	AAS
MINELAB	nr	nr	nr	nr	116897	1.71	193526	1.61	11795	-0.40	180289	1.05	4A	ES
MINELAB	nr	nr	nr	nr	110000	0.32	182000	0.33	12500	1.06	184000	1.50	FUS	ES
MINELAB	nr	nr	nr	nr	85000	-3.00	182100	0.34	30000	3.00	170000	-0.17	AR	AAS
MINELAB	nr	nr	nr	nr	108000	-0.10	176000	-0.34	11900	-0.18	171000	-0.05	4A	AAS
MINELAB	nr	nr	nr	nr	109000	0.11	185000	0.66	12700	1.48	167000	-0.53	AAS	
MINELAB	82	-1.36	17	-1.80	84500	-3.00	185150	0.68	11350	-1.32	177350	0.70	AR	ES
MINELAB	nr	nr	nr	nr	104400	-0.84	165700	-1.49	12200	0.44	156100	-1.83	3A	AAS
MINELAB	215	1.64	>10000	ald	>10000	ald	>10000	ald	240	-3.00	>10000	ald	AR	ES
MINELAB	nr	nr	nr	nr	117025	1.77	196575	1.95	11267	-1.50	186875	1.84	AR	ES
MINELAB	389	3.00	273	3.00	68164	-3.00	147118	-3.00	12317	0.68	150421	-2.51	4A	ES
MINELAB	nr	nr	nr	nr	98900	-1.98	186000	0.77	nr	nr	181000	1.14	AR	AAS
MINELAB	nr	nr	nr	nr	114316	1.21	182107	0.34	12017	0.06	178365	0.82	AR	AAS
MINELAB	nr	nr	nr	nr	110500	0.42	166600	-1.39	12225	0.49	179600	0.97	4A	AAS
MINELAB	117	-0.57	83	-0.41	114605	1.27	179233	0.02	12147	0.33	162019	-1.13	AR	MS
MINELAB	100	-0.96	79	-0.50	159639	3.00	156316	-2.54	164	-3.00	203	-3.00	AR	
MINELAB	nr	nr	nr	nr	131814	3.00	217337	3.00	20197	3.00	202400	3.00	AR	ES
MINELAB	nr	nr	nr	nr	129198	3.00	219512	3.00	11648	-0.71	211169	3.00	AR	ES
MINELAB	nr	nr												

Ore Grade Nickel Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-11	GBM310-12	GBM310-13	GBM310-14	GBM310-15	GBM310-16
MEAN (ppm)	21342	29934	72	42	282	33
STDEV (ppm)	1169	1844	21	8	28	10
95% CI (ppm)	291	459	13	5	16	6
95% CI (%)	1.36%	1.53%	17.73%	12.00%	5.60%	19.02%
MIN (ppm)	18691	25700	40	30	226	15
MEDIAN (ppm)	21400	29950	65	40	290	33
MAX (ppm)	24368	34650	110	56	330	50
IQR (ppm)	1189	1400	25	11	40	11
COUNT	63	63	12	11	13	11

Standard Reference	GBM310-11		GBM310-12		GBM310-13		GBM310-14		GBM310-15		GBM310-16		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
BECQUEREL-NAA	22100	0.65	30600	0.36	<100	bld	<100	bld	330	1.71	<100	bld	NAA	
ZARAZMA	21570	0.20	29617	-0.17	nr	nr	nr	nr	nr	nr	nr	nr	AR	ES
COMLAB	22430	0.93	30780	0.46	60	-0.54	40	-0.27	300	0.64	30	-0.31	4A	ES
COMLAB	21500	0.14	31200	0.69	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	19200	-1.83	29400	-0.29	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	21900	0.48	30200	0.14	nr	nr	nr	nr	nr	nr	nr	nr	AR	AAS
COMLAB	21700	0.31	29500	-0.24	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21020	-0.28	28650	-0.70	50	-1.01	30	-1.50	260	-0.79	20	-1.29	FUS	ES
COMLAB	21100	-0.21	29300	-0.34	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21100	-0.21	30200	0.14	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21800	0.39	30400	0.25	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21500	0.14	30500	0.31	40	-1.47	50	0.95	290	0.28	30	-0.31	1A,4A	AAS
COMLAB	20800	-0.46	29700	-0.13	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	21000	-0.29	29300	-0.34	nr	nr	nr	nr	nr	nr	nr	nr	AR	ES
COMLAB	21900	0.48	30400	0.25	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	20200	-0.98	29900	-0.02	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	21300	-0.04	30000	0.04	nr	nr	nr	nr	nr	nr	nr	nr	AR	AAS
COMLAB	21300	-0.04	30600	0.36	nr	nr	nr	nr	nr	nr	nr	nr	4A	GRAV
COMLAB	21800	0.39	29900	-0.02	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	<100	bld	300	-3.00	nr	nr	nr	nr	nr	nr	nr	nr	FUS	XRF
COMLAB	20600	-0.63	29500	-0.24	60	-0.54	40	-0.27	290	0.28	15	-1.78	4A	ES
COMLAB	17530	-3.00	24168	-3.00	63	-0.40	39	-0.39	257	-0.90	33	-0.01	4A	ES
COMLAB	21800	0.39	30500	0.31	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21400	0.05	25700	-2.30	nr	nr	nr	nr	nr	nr	nr	nr	FUS	XRF
COMLAB	19500	-1.58	27200	-1.48	nr	nr	nr	nr	nr	nr	nr	nr	3A	AAS
COMLAB	21100	-0.21	29600	-0.18	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	19110	-1.91	26180	-2.04	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	19600	-1.49	27400	-1.37	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	23160	1.56	32180	1.22	nr	nr	nr	nr	nr	nr	nr	nr	4A	MS
COMLAB	22340	0.85	31600	0.90	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21361	0.02	29715	-0.12	nr	nr	nr	nr	nr	nr	nr	nr	3A	ES
COMLAB	23300	1.68	32600	1.45	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	23300	1.68	32700	1.50	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21900	0.48	30400	0.25	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	20400	-0.81	25800	-2.24	nr	nr	nr	nr	nr	nr	nr	nr	3A	AAS
COMLAB	22444	0.94	31721	0.97	nr	nr	nr	nr	nr	nr	nr	nr	AR	ES
COMLAB	19600	-1.49	28200	-0.94	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	23100	1.50	32900	1.61	<500	bld	<500	bld	<500	bld	<500	bld	AR	ES
COMLAB	22958	1.38	32731	1.52	nr	nr	nr	nr	nr	nr	nr	nr	FUS	ICP
COMLAB	19203	-1.83	26683	-1.76	85	0.62	nr	nr	nr	nr	nr	nr	3A	AAS
COMLAB	19164	-1.86	26268	-1.99	nr	nr	nr	nr	nr	nr	nr	nr	3A	AAS
COMLAB	21767	0.36	29921	-0.01	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	21200	-0.12	30300	0.20	nr	nr	nr	nr	nr	nr	nr	nr	3A	AAS
COMLAB	21000	-0.29	29200	-0.40	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	nr	nr	nr	nr	nr	nr	nr	nr	226	-2.01	<50	bld	4A	AAS
COMLAB	21890	0.47	28756	-0.64	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	21400	0.05	30500	0.31	110	1.78	50	0.95	250	-1.15	40	0.67	4A	AAS
COMLAB	22000	0.56	30700	0.42	nr	nr	nr	nr	nr	nr	nr	nr	3A	ES
COMLAB	21810	0.40	29880	-0.03	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
COMLAB	22500	0.99	29900	-0.02	nr	nr	nr	nr	nr	nr	nr	nr	FUS	ES
COMLAB	20465	-0.75	29163	-0.42	62	-0.45	31	-1.37	279	-0.11	34	0.08	4A	ES
COMLAB	21900	0.48	30800	0.47	nr	nr	nr	nr	nr	nr	nr	nr	MAD	ICP
COMLAB	21460	0.10	30140	0.11	<2000	bld	<2000	bld	<2000	bld	<2000	bld	3A	ES
COMLAB	20623	-0.61	28661	-0.69	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
COMLAB	23300	1.68	32830	1.57	70	-0.08	50	0.95	310	0.99	50	1.66	3A	ES
COMLAB	21280	-0.05	29950	0.01	nr	nr	nr	nr	nr	nr	nr	nr	3A	ES
COMLAB	21814	0.40	28050	-1.02	108	1.69	56	1.62	280	-0.09	29	-0.46	3A	AAS
COMLAB	21000	-0.29	29100	-0.45	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
MINELAB	20090	-1.07	27246	-1.46	nr	nr	nr	nr	nr	nr	nr	nr	4A	ES
MINELAB	22400	0.91	32000	1.12	nr	nr	nr	nr	nr	nr	nr	nr	FUS	ES
MINELAB	21200	-0.12	29600	-0.18	nr	nr	nr	nr	nr	nr	nr	nr	4A	AAS
MINELAB	21570	0.20	29990	0.03	67	-0.23	40	-0.27	297	0.53	43	0.97	AR	ES
MINELAB	18691	-2.27	34650	2.56	nr	nr	nr	nr	nr	nr	nr	nr	AR	ES
MINELAB	20300	-0.89	30800	0.47	nr	nr	nr	nr	nr	nr	nr	nr	AR	AAS
MINELAB	21827	0.42	30359	0.23	nr	nr	nr	nr	nr	nr	nr	nr	AR	AAS
MINELAB	19917	-1.22	29470	-0.25	85	0.62	39	-0.39	300	0.64	41	0.77	AR	MS
MINELAB	24368	2.59	34025	2.22	nr	nr	nr	nr	nr	nr	nr	nr	AR	ES
MINELAB	22026	0.59	27267	-1.45	nr	nr	nr	nr	nr	nr	nr	nr	AR	ES

Highlighted values are outliers which are assigned a z-score of -3.00 or 3.00 in the standardised values

Ore Grade Silver Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-11	GBM310-12	GBM310-13	GBM310-14	GBM310-15	GBM310-16
MEAN (ppm)	3.5	14.4	30.8	59.6	79.8	315.8
STDEV (ppm)	0.5	30.3	1.9	2.1	4.9	13.2
95% CI (ppm)	0.4	24.3	0.5	0.5	1.2	3.2
95% CI (%)	10.32%	168.72%	1.50%	0.88%	1.50%	1.02%
MIN (ppm)	2.9	2.0	26.6	54.4	68.4	283.0
MEDIAN (ppm)	3.7	2.1	30.9	60.0	79.9	315.0
MAX (ppm)	4.0	83.0	35.0	65.0	92.3	339.0
IQR (ppm)	0.7	2.6	2.5	3.0	4.4	16.0
COUNT	7	7	65	61	64	65

Standard Reference	GBM310-11		GBM310-12		GBM310-13		GBM310-14		GBM310-15		GBM310-16		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
BECQUEREL-NAA	<3.0	bld	<3.0	bld	30.3	-0.24	58.0	-0.76	76.0	-0.79	298.0	-1.35	NAA	
ZARAZMA	nr	nr	nr	nr	29.5	-0.67	58.7	-0.43	70.7	-1.88	297.0	-1.43	AR	ES
COMLAB	3.0	-1.15	<2.0	bld	31.0	0.13	63.0	1.64	83.0	0.65	327.0	0.85	AR	ES
COMLAB	nr	nr	nr	nr	32.0	0.66	61.0	0.68	77.0	-0.59	313.0	-0.21	4A	ES
COMLAB	nr	nr	nr	nr	28.0	-1.46	58.0	-0.76	78.0	-0.38	308.0	-0.59	4A	AAS
COMLAB	nr	nr	nr	nr	31.0	0.13	58.0	-0.76	89.0	1.88	326.0	0.78	AR	AAS
COMLAB	nr	nr	nr	nr	<50.0	bld	60.0	0.20	80.0	0.03	320.0	0.32	4A	ES
COMLAB	nr	nr	nr	nr	32.0	0.66	62.0	1.16	82.0	0.44	319.0	0.25	4A	ES
COMLAB	nr	nr	nr	nr	29.0	-0.93	63.0	1.64	86.0	1.27	337.0	1.61	4A	ES
COMLAB	nr	nr	nr	nr	31.0	0.13	58.0	-0.76	80.0	0.03	318.0	0.17	4A	ES
COMLAB	nr	nr	nr	nr	30.0	-0.40	58.0	-0.76	79.0	-0.17	315.0	-0.06	4A	AAS
COMLAB	nr	nr	nr	nr	30.0	-0.40	60.0	0.20	79.0	-0.17	315.0	-0.06	AR	ES
COMLAB	nr	nr	nr	nr	32.0	0.66	61.0	0.68	82.0	0.44	325.0	0.70	4A	ES
COMLAB	nr	nr	nr	nr	33.0	1.20	60.0	0.20	79.0	-0.17	324.0	0.63	4A	AAS
COMLAB	nr	nr	nr	nr	31.0	0.13	59.0	-0.28	78.0	-0.38	316.0	0.02	AR	AAS
COMLAB	nr	nr	nr	nr	31.0	0.13	60.4	0.39	80.8	0.20	323.0	0.55	4A	AAS
COMLAB	nr	nr	nr	nr	33.0	1.20	62.0	1.16	84.0	0.86	330.0	1.08	4A	ES
COMLAB	nr	nr	nr	nr	62.0	3.00	28.0	-3.00	<4.0	bld	6.0	-3.00	1A	AAS
COMLAB	4.0	1.05	2.0	-0.41	34.0	1.73	65.0	2.60	85.0	1.06	310.0	-0.44	4A	MS
COMLAB	3.8	0.61	2.1	-0.40	29.7	-0.56	61.9	1.11	79.8	-0.01	306.0	-0.74	4A	ES
COMLAB	nr	nr	nr	nr	31.0	0.13	59.0	-0.28	81.0	0.24	311.0	-0.36	4A	AAS
COMLAB	nr	nr	nr	nr	23.0	-3.00	51.0	-3.00	73.0	-1.41	285.0	-2.34	3A	AAS
COMLAB	nr	nr	nr	nr	29.0	-0.93	60.0	0.20	78.0	-0.38	303.0	-0.97	3A	AAS
COMLAB	nr	nr	nr	nr	31.1	0.19	59.1	-0.23	78.3	-0.32	310.0	-0.44	4A	AAS
COMLAB	nr	nr	nr	nr	33.3	1.36	61.4	0.87	88.4	1.76	315.0	-0.06	4A	ES
COMLAB	nr	nr	nr	nr	29.0	-0.93	56.8	-1.34	81.5	0.34	326.6	0.82	4A,FA	AAS,GRAY
COMLAB	nr	nr	nr	nr	30.8	0.00	59.3	-0.16	80.4	0.12	315.0	-0.06	AR	MS
COMLAB	nr	nr	nr	nr	29.1	-0.88	54.4	-2.48	302.4	3.00	77.0	-3.00	4A	ES
COMLAB	nr	nr	nr	nr	34.0	1.73	70.0	3.00	88.0	1.68	335.0	1.46	AR	MS
COMLAB	nr	nr	nr	nr	31.0	0.13	62.0	1.16	82.0	0.44	328.0	0.93	4A	MS
COMLAB	nr	nr	nr	nr	32.0	0.66	62.5	1.40	84.0	0.86	332.7	1.29	4A	ES
COMLAB	nr	nr	nr	nr	35.0	2.26	61.0	0.68	80.0	0.03	306.0	-0.74	4A	AAS
COMLAB	nr	nr	nr	nr	30.0	-0.40	59.0	-0.28	77.0	-0.59	314.0	-0.13	3A	AAS
COMLAB	nr	nr	nr	nr	28.0	-1.46	56.0	-1.72	88.0	1.68	304.0	-0.89	AR	ICP
COMLAB	nr	nr	nr	nr	29.5	-0.67	57.3	-1.10	76.9	-0.61	310.0	-0.44	4A	AAS
COMLAB	3.3	-0.49	2.1	-0.40	26.6	-2.21	59.5	-0.04	69.3	-2.17	311.0	-0.36	AR	
COMLAB	nr	nr	nr	nr	35.0	2.26	66.0	3.00	86.0	1.27	329.0	1.01	3A	AAS
COMLAB	nr	nr	nr	nr	29.4	-0.72	22.6	-3.00	68.4	-2.36	283.0	-2.49	1A	AAS
COMLAB	nr	nr	nr	nr	25.0	3.00	51.0	-3.00	57.0	-3.00	247.0	-3.00	4A	ES
COMLAB	nr	nr	nr	nr	31.0	0.13	60.0	0.20	82.0	0.44	332.0	1.23	3A	AAS
COMLAB	nr	nr	nr	nr	31.4	0.35	61.3	0.82	77.9	-0.40	325.0	0.70	4A	AAS
COMLAB	<10.0	bld	<10.0	bld	33.0	1.20	63.0	1.64	nr	nr	339.0	1.77	4A	AAS
COMLAB	nr	nr	nr	nr	31.0	0.13	60.1	0.25	74.0	-1.20	297.9	-1.36	4A	AAS
COMLAB	<5.0	bld	<5.0	bld	29.0	-0.93	59.0	-0.28	75.0	-1.00	324.0	0.63	4A	AAS
COMLAB	nr	nr	nr	nr	25.0	3.00	50.0	-3.00	80.0	0.03	324.0	0.63	3A	ES
COMLAB	nr	nr	nr	nr	31.0	0.13	60.0	0.20	78.0	-0.38	316.0	0.02	4A	AAS
COMLAB	nr	nr	nr	nr	30.0	-0.40	60.0	0.20	77.0	-0.59	300.0	-1.20	3A	AAS
COMLAB	3.7	0.39	2.1	-0.40	29.8	-0.51	56.3	-1.58	76.2	-0.75	300.7	-1.15	4A	ES
COMLAB	nr	nr	nr	nr	32.5	0.93	61.3	0.82	82.9	0.63	323.0	0.55	AR	AAS
COMLAB	<5.0	bld	<5.0	bld	32.0	0.66	60.0	0.20	79.0	-0.17	323.0	0.55	3A	ES
COMLAB	nr	nr	nr	nr	30.4	-0.19	60.2	0.29	80.9	0.22	311.0	-0.36	4A	AAS
COMLAB	<5.0	bld	<5.0	bld	30.0	-0.40	61.0	0.68	81.0	0.24	336.0	1.54	3A	ES
COMLAB	nr	nr	nr	nr	29.6	-0.62	59.4	-0.10	73.3	-1.36	314.0	-0.13	3A	ES
COMLAB	nr	nr	nr	nr	30.8	0.03	60.5	0.44	78.8	-0.22	315.6	-0.01	4A	ES
COMLAB	6.0	3.00	7.0	3.00	33.0	1.20	61.0	0.68	86.0	1.27	321.0	0.40	4A	AAS
MINELAB	nr	nr	nr	nr	29.1	-0.88	59.5	-0.04	88.6	1.80	324.3	0.65	4A	ES
MINELAB	nr	nr	nr	nr	30.0	-0.40	60.0	0.20	79.0	-0.17	314.0	-0.13	4A	AAS
MINELAB	nr	nr	nr	nr	27.5	-1.73	53.3	3.00	75.4	-0.92	310.0	-0.44	AR	AAS
MINELAB	nr	nr	nr	nr	27.3	-1.84	54.7	-2.35	77.8	-0.42	319.0	0.25	AR	ES
MINELAB	4.0	0.96	2.3	3.00	30.9	0.08	59.1	-0.23	79.2	-0.13	nr	nr	AR	ES
MINELAB	nr	nr	nr	nr	30.0	-0.40	58.0	-0.76	82.0	0.44	304.0	-0.89	3A	AAS
MINELAB	2.9	-1.37	83.0	3.00	34.3	1.89	59.9	0.15	4.2	-3.00	309.0	-0.51	AR	ES
MINELAB	nr	nr	nr	nr	32.2	0.79	60.9	0.61	92.3	2.56	335.7	1.51	AR	ES
MINELAB	nr	nr	nr	nr	28.8	-1.04	56.8	-1.34	69.5	-2.13	302.4	-1.02	AR	AAS
MINELAB	nr	nr	nr	nr	33.0	1.20	60.0	0.20	78.0	-0.38	295.0	-1.58	AR	AAS
MINELAB	nr	nr	nr	nr	27.0	-2.00	56.0	-1.72	74.0	-1.20	285.0	-2.34	AR	AAS
MINELAB	nr	nr	nr	nr	32.0	0.66	58.0	-0.76	81.0	0.24	337.0	1.61	4A	AAS
MINELAB	<15.0	bld	<15.0	bld	33.0	1.20	62.0	1.16	84.0	0.86	325.0	0.70	AR	MS
MINELAB	nr	nr	nr	nr	32.0	0.66	67.0	3.00	83.0	0.65	337.0	1.61	AR	MS
MINELAB	nr	nr	nr	nr	91.4	3.00	110.9	3.00	135.5	3.00	661.2	3.00	AR	ES
MINELAB	nr	nr	nr	nr	29.9	-0.45	56.7	-1.39	71.2	-1.78	324.0	0.63	AR	ES
MINELAB	nr	nr	nr	nr	30.0	-0.40	58.0	-0.76	80.0	0.03	310.0	-0.44	AR	AAS
MINELAB	nr	nr	nr	nr	28.9	-0.96	56.6	-1.46	52.0	-3.00	233.6	-3.00	3A	AAS

Highlighted values are outliers which are assigned a z-score of -3.00 or 3.00 in the standardised values

Sulphur in Ore Grade Samples Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GBM310-11	GBM310-12	GBM310-13	GBM310-14	GBM310-15	GBM310-16
MEAN (%)	18.00	26.35	5.92	10.98	27.63	21.51
STDEV (%)	0.61	0.77	0.19	0.31	0.88	0.57
95% CI (%)	0.17	0.21	0.05	0.09	0.24	0.16
95% CI (rel %)	0.92%	0.81%	0.89%	0.78%	0.86%	0.74%
MIN (%)	16.59	24.51	5.57	10.30	25.42	20.18
MEDIAN (%)	18.00	26.50	5.92	10.98	27.60	21.50
MAX (%)	19.20	28.20	6.31	11.61	29.75	22.80
IQR (%)	0.70	1.05	0.32	0.41	0.87	0.70
COUNT	52	51	50	51	53	51

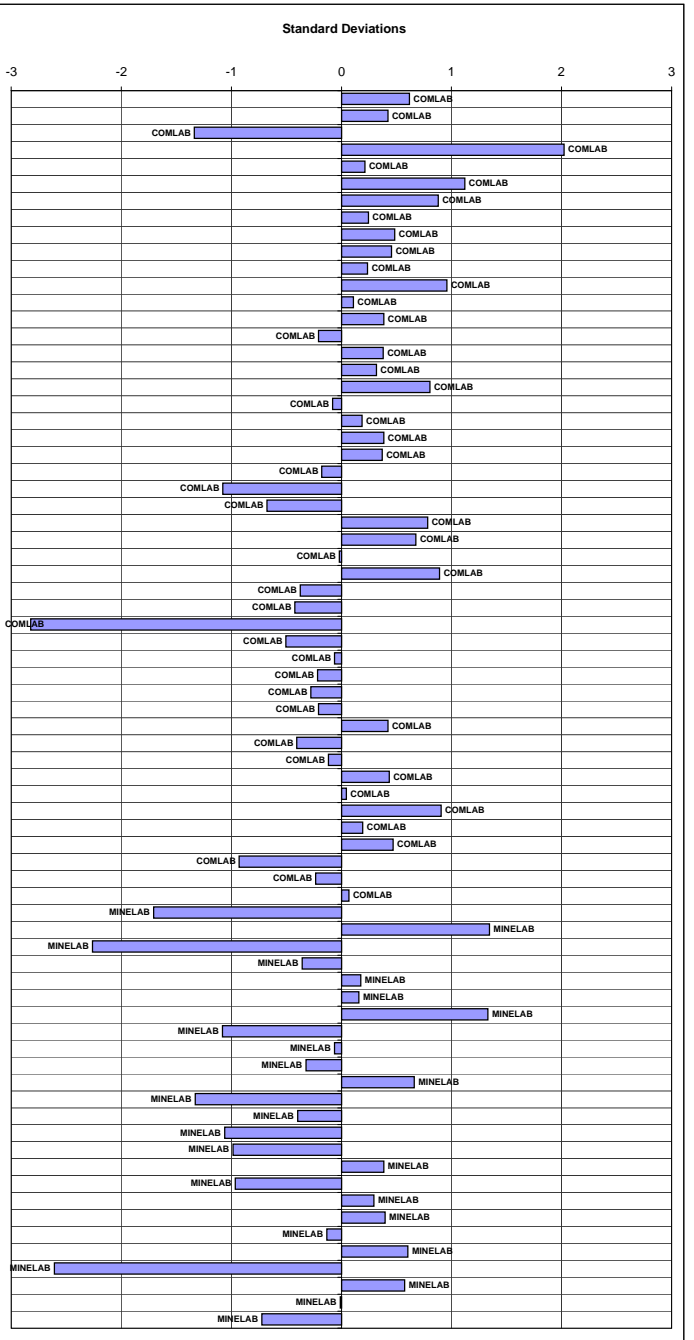
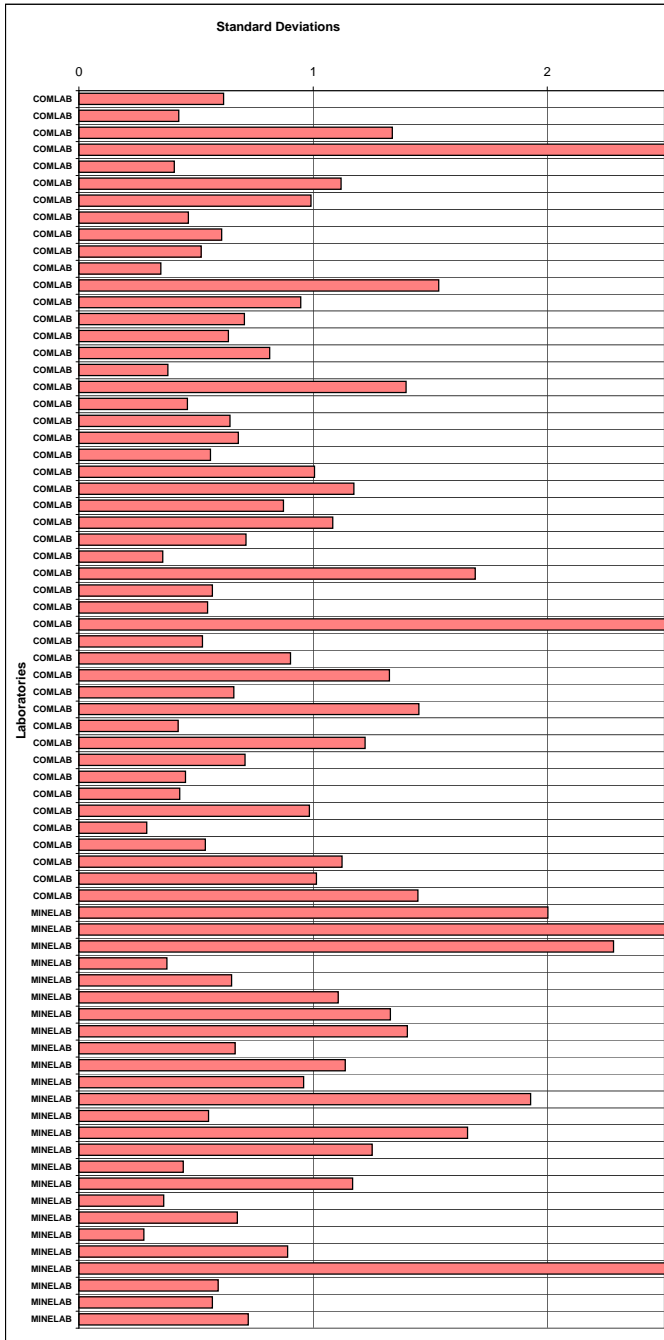
Standard Reference	GBM310-11		GBM310-12		GBM310-13		GBM310-14		GBM310-15		GBM310-16		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
ZARAZMA	17.81	-0.31	25.02	-1.73	5.82	-0.51	11.13	0.47	28.63	1.14	22.64	1.99	AR	ES
COMLAB	16.98	-1.68	25.04	-1.70	6.15	1.25	11.43	1.43	27.04	-0.67	21.24	-0.47	AR	ES
COMLAB	19.20	1.98	26.70	0.45	6.14	1.19	11.20	0.69	26.90	-0.83	22.10	1.04	CSA	IR
COMLAB	18.94	1.56	25.38	-1.26	13.32	3.00	9.69	-3.00	27.77	0.16	23.47	3.00	CSA	IR
COMLAB	18.89	1.47	25.57	-1.02	5.95	0.18	11.48	1.59	29.75	2.42	22.24	1.28	FUS	ES
COMLAB	17.85	-0.24	26.40	0.06	6.10	0.98	11.00	0.05	27.50	-0.15	21.00	-0.89	CSA	IR
COMLAB	14.15	-3.00	18.25	-3.00	5.93	0.07	10.85	-0.43	24.80	-3.00	21.30	-0.36	4A	ES
COMLAB	17.60	-0.66	25.70	-0.85	5.89	-0.14	11.20	0.69	27.30	-0.38	21.90	0.69	4A	ES
COMLAB	18.50	0.83	26.90	0.71	6.18	1.41	10.60	-1.24	27.30	-0.38	21.50	-0.01	FUS,CSA	IR
COMLAB	18.40	0.66	26.80	0.58	6.02	0.55	10.85	-0.43	27.60	-0.03	21.80	0.51	CSA	IR
COMLAB	18.20	0.33	26.20	-0.20	5.84	-0.41	10.95	-0.11	27.30	-0.38	21.10	-0.71	AR	ES
COMLAB	18.35	0.58	27.00	0.84	5.76	-0.84	11.20	0.69	28.00	0.42	21.90	0.69	CSA	IR
COMLAB	18.20	0.33	26.90	0.71	5.67	-1.32	10.80	-0.59	27.90	0.31	21.10	-0.71	3A	GRAV
COMLAB	18.30	0.50	26.90	0.71	6.46	2.90	12.00	3.00	28.00	0.42	21.40	-0.19	CSA	IR
COMLAB	22.20	3.00	26.80	0.58	11.50	3.00	5.81	-3.00	27.10	-0.60	17.90	-3.00	FUS	XRF
COMLAB	18.30	0.50	26.00	-0.46	6.03	0.61	11.30	1.01	28.00	0.42	21.80	0.51	4A	ES
COMLAB	17.69	-0.51	25.38	-1.26	5.85	-0.35	10.77	-0.68	26.90	-0.84	20.73	-1.36	CSA	IR
COMLAB	18.00	0.00	26.50	0.19	5.87	-0.25	10.90	-0.27	28.20	0.65	21.10	-0.71	CSA	IR
COMLAB	18.90	1.49	27.70	1.74	6.12	1.09	11.00	0.05	28.70	1.22	21.60	0.16	CSA	IR
COMLAB	17.99	-0.01	26.45	0.12	5.84	-0.41	10.98	-0.02	27.53	-0.11	21.41	-0.17	FUS	GRAV
COMLAB	18.07	0.12	25.45	-1.17	4.53	-3.00	10.60	-1.24	26.09	-1.76	21.03	-0.83	CSA	IR
COMLAB	17.55	-0.74	26.60	0.32	5.65	-1.42	11.10	0.37	27.90	0.31	21.50	-0.01	FUS,CSA	AAS,IR
COMLAB	17.15	-1.40	24.91	-1.87	6.19	1.48	11.53	1.75	28.18	0.62	21.92	0.73	4A	MS
COMLAB	17.02	-1.62	27.03	0.87	5.71	-1.13	10.53	-1.47	22.64	-3.00	29.96	3.00	4A	ES
COMLAB	18.16	0.26	26.65	0.38	6.02	0.53	10.85	-0.42	27.86	0.26	21.44	-0.12	3A	ES
COMLAB	17.13	-1.43	25.40	-1.24	5.68	-1.26	10.71	-0.88	27.63	0.00	21.45	-0.10	4A	ES
COMLAB	17.61	-0.64	25.56	-1.03	5.92	0.02	11.03	0.15	27.60	-0.03	21.71	0.36	4A	ES
COMLAB	16.00	-3.00	23.86	-3.00	5.97	0.29	10.31	-2.17	27.92	0.33	21.48	-0.05	4A	ES
COMLAB	17.80	-0.33	26.20	-0.20	5.73	-1.00	10.70	-0.92	27.80	0.20	21.40	-0.19	CSA	IR
COMLAB	17.90	-0.17	26.28	-0.09	5.79	-0.67	10.83	-0.49	28.54	1.05	21.78	0.49	AR	ES
COMLAB	16.10	-3.00	23.10	-3.00	5.57	-1.85	10.90	-0.27	25.00	3.00	21.10	-0.71	4A	GRAV
COMLAB	17.43	-0.94	25.23	-1.46	5.91	-0.03	10.76	-0.72	25.91	-1.96	16.64	-3.00	CSA	IR
COMLAB	16.00	3.00	24.00	3.00	4.00	3.00	10.00	3.00	21.00	-3.00	18.00	-3.00	CSA	IR
COMLAB	17.88	-0.19	26.23	-0.16	5.75	-0.89	10.98	-0.02	27.35	-0.32	21.47	-0.06	CSA	IR
COMLAB	17.70	-0.49	27.40	1.35	6.48	3.00	11.30	1.01	26.60	-1.17	22.60	1.91	CSA	IR
COMLAB	17.10	-1.48	26.30	-0.07	5.63	-1.53	10.60	-1.24	27.10	-0.60	20.80	-1.24	CSA	IR
COMLAB	17.71	-0.47	25.72	-0.82	4.89	-3.00	10.87	-0.37	26.00	-1.86	20.01	-2.62	CSA	IR
COMLAB	18.00	0.00	27.10	0.97	6.09	0.93	11.50	1.66	27.50	-0.15	21.70	0.34	4A	AAS
COMLAB	18.70	1.16	28.20	2.39	5.79	-0.68	11.10	0.37	29.10	1.68	22.80	2.26	CSA	IR
COMLAB	18.40	0.66	26.60	0.32	5.95	0.18	10.90	-0.27	27.70	0.08	21.50	-0.01	CSA	IR
COMLAB	18.20	0.33	26.20	-0.20	6.31	2.10	12.40	3.00	29.20	1.79	22.40	1.56	CSA	IR
COMLAB	18.74	1.23	26.61	0.33	6.24	1.73	11.05	0.21	27.58	-0.06	21.97	0.81	CSA	IR
COMLAB	18.02	0.04	26.42	0.08	5.81	-0.57	10.66	-1.04	27.65	0.02	21.32	-0.33	3A	ES
COMLAB	18.63	1.04	27.07	0.93	6.03	0.61	11.04	0.18	28.57	1.07	21.68	0.30	CSA	IR
COMLAB	18.33	0.55	26.70	0.45	6.09	0.93	11.33	1.11	27.93	0.34	22.31	1.41	3A	ES
COMLAB	17.78	-0.36	22.52	-3.00	5.69	-1.21	9.99	-3.00	27.96	0.38	21.00	-0.89	3A	ES
COMLAB	17.45	-0.91	24.51	-2.39	5.70	-1.14	11.12	0.43	25.54	-2.38	20.68	-1.44	CSA	IR
MINELAB	18.34	0.56	26.95	0.77	6.22	1.62	11.61	2.01	28.22	0.67	22.25	1.30	VGL	
MINELAB	18.10	0.17	26.60	0.32	5.85	-0.35	10.90	-0.27	27.00	-0.72	21.30	-0.36	CSA	IR
MINELAB	17.80	-0.33	26.50	0.19	6.14	1.19	11.40	1.34	27.60	-0.03	21.60	0.16	CSA	IR
MINELAB	19.20	1.98	28.70	3.00	4.83	-3.00	11.30	1.01	29.50	2.14	27.57	3.00	AD	ES
MINELAB	19.10	1.82	27.00	0.84	6.14	1.19	11.50	1.66	27.40	-0.26	21.70	0.34	CSA	IR
MINELAB	17.70	-0.49	26.70	0.45	5.70	-1.16	10.30	-2.20	28.80	1.34	21.80	0.51	1A	IR
MINELAB	16.59	-2.32	26.99	0.82	5.35	3.00	10.66	-1.04	25.42	-2.52	20.18	-2.32	CSA	IR
MINELAB	18.50	0.83	27.10	0.97	6.03	0.61	11.10	0.37	27.60	-0.03	21.70	0.34	FUS	IR
MINELAB	17.89	-0.18	26.82	0.60	5.97	0.29	10.96	-0.08	27.10	-0.60	20.95	-0.97	CSA	IR
MINELAB	17.05	-1.56	25.15	-1.56	5.76	-0.84	9.86	-3.00	26.55	-1.23	20.30	-2.11	CSA	IR
MINELAB	17.68	-0.52	27.08	0.94	5.93	0.07	10.82	-0.53	27.13	-0.57	20.73	-1.36	CSA	IR
MINELAB	17.40	-0.99	26.10	-0.33	5.70	-1.16	10.60	-1.24	27.40	-0.26	20.80	-1.24	FUS	XRF

Highlighted values are outliers which are assigned a z-score of -3.00 or 3.00 in the standardised values

Sulphur Round Robin - Summary Statistics, Assays, Standardised Values and Graphs - April 2010

Standard Reference	GS310-1	GS310-2	GS310-3	GS310-4	GS310-5	GS310-6	GS310-7	GS310-8	GS310-9	GS310-10
MEAN (%)	26.44	27.42	3.29	1.17	2.18	2.64	10.92	5.91	6.76	0.27
STDEV (%)	1.69	1.23	0.14	0.07	0.12	0.16	0.47	0.28	0.27	0.03
95% CI (%)	0.41	0.31	0.04	0.02	0.03	0.04	0.12	0.07	0.07	0.01
95% CI (rel %)	1.54%	1.11%	1.09%	1.46%	1.38%	1.50%	1.07%	1.18%	1.01%	2.86%
MIN (%)	22.11	24.10	2.99	1.00	1.87	2.22	9.81	5.22	6.22	0.19
MEDIAN (%)	26.66	27.51	3.29	1.18	2.19	2.63	10.95	5.92	6.79	0.27
MAX (%)	29.60	29.74	3.67	1.32	2.45	3.00	12.10	6.65	7.39	0.34
IQR (%)	1.62	1.44	0.20	0.08	0.15	0.17	0.59	0.36	0.42	0.04
COUNT	67	63	60	63	63	63	64	63	62	64

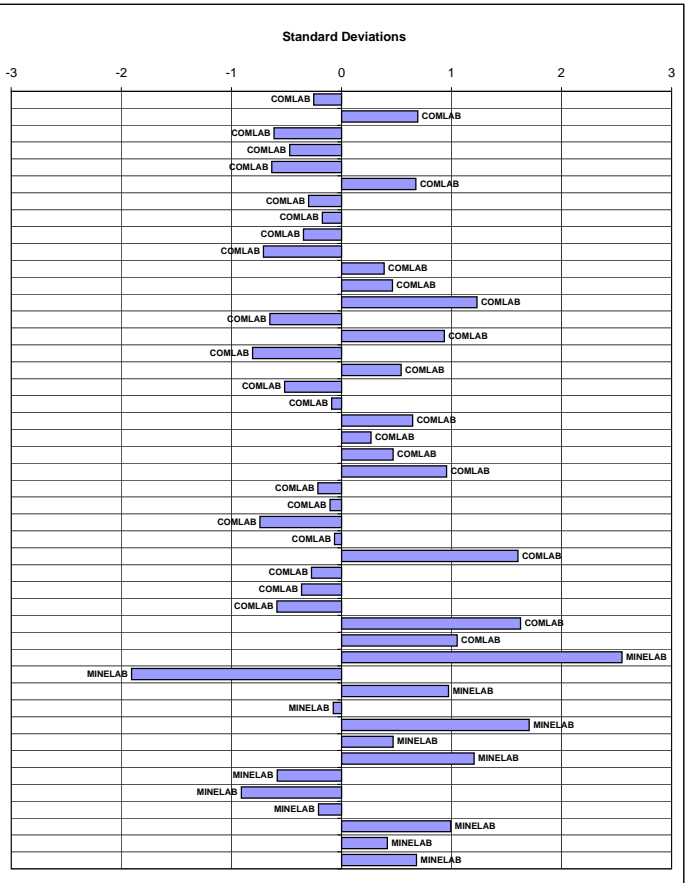
Standard Reference	GS310-1		GS310-2		GS310-3		GS310-4		GS310-5		GS310-6		GS310-7		GS310-8		GS310-9		GS310-10		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
COMLAB	27.85	0.84	28.28	0.70	3.42	0.90	1.20	0.47	2.30	0.99	2.70	0.39	11.23	0.66	6.13	0.77	6.88	0.44	0.27	0.01	CSA	IR
COMLAB	27.00	0.33	27.40	-0.01	3.32	0.19	1.20	0.47	2.27	0.74	2.70	0.39	11.30	0.81	6.08	0.59	6.78	0.08	0.29	0.65	CSA	IR
COMLAB	24.68	-1.04	25.66	-1.43	2.99	-2.15	1.10	-0.99	2.06	-0.99	2.49	-0.93	10.04	-1.85	5.53	-1.38	6.22	-1.99	0.25	-0.63	CSA	IR
COMLAB	29.60	1.88	24.10	-2.70	4.29	3.00	1.32	2.21	2.81	3.00	3.26	3.00	15.10	3.00	7.66	3.00	8.40	3.00	0.30	0.84	CSA	IR
COMLAB	27.60	0.69	28.10	0.56	3.18	-0.80	1.16	-0.12	2.21	0.25	2.63	-0.05	11.10	0.39	6.05	0.49	6.87	0.41	0.28	0.33	CSA	IR
COMLAB	28.30	1.11	28.50	0.88	3.38	0.62	1.18	0.17	2.30	0.99	2.96	2.02	11.80	1.86	6.25	1.20	7.22	1.70	0.29	0.65	CSA	IR
COMLAB	28.80	1.40	28.30	0.72	3.39	0.69	1.13	-0.55	2.29	0.91	3.00	2.27	11.30	0.81	6.30	1.38	6.99	0.85	0.28	0.33	CSA	IR
COMLAB	26.60	0.10	28.60	0.96	3.34	0.33	1.13	-0.55	2.25	0.58	2.75	0.70	10.80	-0.25	6.09	0.63	6.83	0.26	0.26	-0.31	CSA,FUS	IR
COMLAB	26.50	0.04	28.20	0.64	3.47	1.26	1.20	0.47	2.26	0.66	2.80	1.01	11.05	0.28	6.08	0.59	6.90	0.52	0.25	-0.63	CSA	IR
COMLAB	27.80	0.81	28.60	0.96	3.27	-0.16	1.20	0.47	2.23	0.41	2.61	-0.18	11.70	1.65	5.96	0.16	6.87	0.41	0.27	0.01	CSA	IR
COMLAB	27.90	0.87	27.20	-0.18	3.27	-0.16	1.25	1.19	2.20	0.17	2.67	0.20	11.00	0.17	5.88	-0.12	6.73	-0.11	0.28	0.33	CSA	IR
COMLAB	26.40	-0.02	30.10	2.18	3.78	3.00	1.29	1.78	2.14	-0.33	3.01	2.33	11.00	0.17	6.66	2.67	6.07	0.72	0.28	0.33	CSA	IR
COMLAB	26.30	-0.08	27.50	0.07	3.50	1.47	1.14	-0.41	2.39	1.74	2.96	2.02	10.80	-0.25	5.72	-0.70	6.53	-0.85	0.21	-1.91	CSA	IR
COMLAB	24.00	-1.44	27.70	0.23	3.36	0.48	1.21	0.61	2.28	0.83	2.77	0.82	11.40	1.02	6.07	0.56	6.86	0.37	<1.00	blnd	FUS	XRF
COMLAB	26.66	0.13	27.16	-0.21	3.04	-1.79	1.16	-0.12	2.09	-0.74	2.42	-1.37	11.12	0.43	6.03	0.41	6.99	0.85	0.28	0.33	CSA	IR
COMLAB	26.84	0.24	27.76	0.28	3.49	1.40	1.14	-0.41	2.12	-0.50	2.66	-1.39	11.17	0.53	6.16	0.88	7.10	1.26	0.23	-1.27	CSA	IR
COMLAB	26.50	0.04	27.80	0.31	3.41	0.83	1.21	0.61	2.26	0.66	2.68	0.26	11.00	0.17	5.99	0.27	6.85	0.33	0.26	-0.31	CSA	IR
COMLAB	26.23	-0.12	26.95	-0.38	3.25	-0.30	1.11	-0.84	2.45	2.23	2.43	-1.31	12.49	3.00	6.04	0.45	7.39	2.32	0.40	3.00	CSA	IR
COMLAB	27.00	0.33	28.00	0.47	3.30	0.05	1.16	-0.12	2.09	-0.74	2.72	0.51	10.70	-0.46	5.79	-0.45	6.91	0.56	0.24	-0.95	CSA	IR
COMLAB	27.70	0.75	28.60	0.96	3.15	-1.01	1.24	1.05	2.08	-0.83	2.57	-0.43	11.20	0.60	5.91	-0.02	6.89	0.48	0.28	0.33	CSA	IR
COMLAB	26.50	0.04	27.50	0.07	3.39	0.69	1.19	0.32	2.36	1.49	2.82	1.14	10.60	-0.67	5.69	-0.80	6.84	0.30	0.31	1.29	CSA	IR
COMLAB	26.72	0.17	27.50	0.07	3.42	0.90	1.24	1.05	2.25	0.58	2.67	0.20	11.01	0.20	6.14	0.81	6.95	0.70	0.24	-0.95	CSA,FUS	IR,GRAV
COMLAB	25.80	-0.38	25.60	-1.48	3.35	0.41	1.30	1.92	2.33	1.24	2.73	0.57	10.10	-1.72	5.54	-1.33	6.57	-0.70	0.26	-0.31	CSA	IR
COMLAB	25.87	-0.34	28.01	0.48	3.09	-1.44	1.04	-1.86	2.11	-0.58	2.54	-0.62	10.62	-0.63	5.22	-2.48	6.38	-1.40	0.21	-1.91	CSA	IR
COMLAB	24.57	-1.11	25.50	-1.56	3.09	-1.42	1.15	-0.22	2.09	-0.75	2.67	0.17	10.65	-0.57	5.70	-0.77	6.98	0.82	0.23	-1.33	4A	ES
COMLAB	26.92	0.29	27.44	0.02	3.46	1.18	1.19	0.32	2.28	0.83	2.81	1.08	10.81	-0.23	6.65	2.63	7.70	3.00	0.23	-1.27	CSA	IR
COMLAB	28.03	0.94	28.76	1.09	3.43	0.97	1.28	1.62	2.23	0.41	2.72	0.50	11.05	0.28	5.92	0.02	6.71	-0.19	0.30	1.10	CSA	IR
COMLAB	26.80	0.22	28.30	0.72	3.26	-0.23	1.18	0.17	2.25	0.58	2.59	-0.31	10.80	-0.25	5.73	-0.66	6.64	-0.44	0.27	0.01	CSA	IR
COMLAB	23.70	-1.62	24.50	-2.38	3.43	0.97	1.53	3.00	2.20	0.17	2.83	1.20	12.10	2.50	6.57	2.35	7.16	1.48	0.31	1.26	CSA	IR
COMLAB	25.40	-0.61	27.60	0.15	3.17	-0.87	1.18	0.17	2.06	-0.99	2.58	-0.37	10.90	-0.04	5.43	-1.73	6.73	-0.11	0.29	0.65	4A	GRAV
COMLAB	26.70	0.16	28.00	0.47	3.17	-0.87	1.13	-0.55	2.08	-0.83	2.60	-0.24	10.70	-0.46	5.77	-0.52	6.55	-0.77	0.25	-0.63	CSA	IR
COMLAB	22.45	-2.36	22.37	-3.00	1.06	-3.00	0.41	-3.00	0.15	-3.00	1.16	-3.00	10.03	-1.87	4.49	-3.00	3.20	-3.00	0.03	-3.00	CSA	IR
COMLAB	25.94	-0.29	26.74	-0.55	3.16	-0.94	1.11	-0.84	2.13	-0.41	2.51	-0.81	10.97	0.11	5.82	-0.34	6.58	-0.66	0.26	-0.31	CSA	IR
COMLAB	27.13	0.41	2.25	-3.00	3.56	1.89	1.20	0.47	2.16	-0.17	2.59	-0.31	11.22	0.64	5.95	0.13	6.94	0.67	0.23	-1.37	CSA	IR
COMLAB	28.60	1.28	28.30	0.72	2.99	-2.15	1.23	0.90	1.96	-1.82	2.30	-2.12	11.10	0.39	5.79	-0.45	6.44	-1.18	0.34	2.25	CSA	IR
COMLAB	26.40	-0.02	26.90	-0.42	3.41	0.83	1.03	-0.21	2.18	0.00	2.48	-1.00	11.10	0.39	5.65	-0.95	6.95	0.70	0.26	-0.31	CSA	IR
COMLAB	32.47	3.00	>35.00	ald	2.96	-2.36	1.11	-0.84	2.18	0.00	2.66	0.13	11.88	2.03	5.56	-1.27	2.19	-3.00	0.28	0.43	CSA	IR
COMLAB	27.30	0.51	28.20	0.64	3.34	0.33	1.25	1.19	2.19	0.08	2.67	0.20	11.00	0.17	5.95	0.13	6.76	0.00	0.30	0.97	CSA,FUS	IR
COMLAB	27.90	0.87	28.40	0.80	3.34	0.33	0.90	-3.00	2.04	-1.16	2.44	-1.25	11.90	2.07	5.69	-0.80	6.38	-1.40	0.25	-0.53	CSA	IR
COMLAB	28.06	0.96	29.46	1.66	3.10	-1.37	1.19	0.32	2.16	-0.17	2.60	-0.24	10.60	-0.67	5.71	-0.73	6.50	-0.96	0.27	0.01	CSA	IR
COMLAB	26.50	0.04	27.30	-0.10	3.31	0.12	1.22	0.76	2.18	0.00	2.74	0.64	11.00	0.17	6.04	0.45	7.01	0.92	0.31	1.36	CSA	IR
COMLAB	27.20	0.45	26.40	-0.83	3.26	-0.23	1.18	0.17	2.12	-0.50	2.60	-0.24	11.00	0.17	5.88	-0.12	6.89	0.48	0.30	1.10	CSA	IR
COMLAB	26.30	-0.08	28.10	0.56	3.46	1.18	1.21	0.61	2.34	1.32	2.80	1.01	11.80	1.86	6.21	1.06	7.26	1.84	0.26	-0.31	CSA	IR
COMLAB	26.77	0.20	27.22	-0.16	3.31	0.12	1.17	0.03	2.17	-0.08	2.63	-0.05	10.83	-0.18	6.12	0.74	7.03	1.00	0.28	0.33	CSA	IR
COMLAB	27.54	0.65	28.81	1.13	3.28	-0.09	1.15	-0.26	2.23	0.41	2.66	0.13	10.95	0.07	6.26	1.24	7.05	1.07	0.28	0.33	CSA	IR
COMLAB	24.35	-1.24	27.21	-0.17	3.14	-1.08	1.12	-0.70	1.53	-3.00	2.59	-0.31	10.41	-1.07	5.51	-1.45	6.42	-1.25	0.			



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Standard Reference	GS310-1	GS310-2	GS310-3	GS310-4	GS310-5	GS310-6	GS310-7	GS310-8	GS310-9	GS310-10
MEAN (%)	0.09	0.37	0.07	0.04	0.04	0.07	4.16	0.66	2.84	1.08
STDEV (%)	0.03	0.08	0.03	0.02	0.01	0.03	0.17	0.04	0.10	0.06
95% CI (%)	0.01	0.02	0.01	0.01	0.00	0.01	0.06	0.01	0.03	0.02
95% CI (rel %)	12.61%	6.11%	14.29%	13.75%	8.80%	12.71%	1.36%	1.99%	1.13%	1.73%
MIN (%)	0.03	0.24	0.01	0.02	0.02	0.01	3.72	0.58	2.64	0.98
MEDIAN (%)	0.08	0.35	0.06	0.03	0.04	0.06	4.15	0.66	2.85	1.08
MAX (%)	0.18	0.56	0.15	0.08	0.06	0.13	4.52	0.73	2.99	1.24
IQR (%)	0.04	0.08	0.03	0.02	0.01	0.03	0.23	0.06	0.17	0.08
COUNT	37	43	40	36	31	40	35	38	36	40

Standard Reference	GS310-1		GS310-2		GS310-3		GS310-4		GS310-5		GS310-6		GS310-7		GS310-8		GS310-9		GS310-10		Method	Reading
Lab Reference	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score	assay	z-score		
COMLAB	0.08	-0.29	0.33	-0.55	0.06	-0.26	0.03	-0.59	0.04	-0.36	0.06	-0.24	4.22	0.37	0.65	-0.18	2.84	-0.03	1.06	-0.39	CSA	IR
COMLAB	0.10	0.29	0.39	0.25	0.07	0.06	0.06	1.24	0.05	0.56	0.07	0.13	4.29	0.79	0.71	1.30	2.96	1.20	1.15	1.12	CSA	IR
COMLAB	0.09	0.00	0.25	-1.62	0.01	-1.87	0.04	0.02	0.05	0.56	0.01	-2.10	4.22	0.37	0.36	-3.00	2.93	0.89	1.12	0.62	CSA	IR
COMLAB	0.07	-0.57	0.35	-0.29	0.05	-0.58	0.03	-0.59	0.04	-0.36	0.05	-0.61	4.05	-0.64	0.64	-0.42	2.82	-0.24	1.06	-0.39	CSA	IR
COMLAB	0.06	-0.86	0.28	-1.22	0.05	-0.58	0.03	-0.59	0.04	-0.36	0.05	-0.61	4.15	-0.04	0.61	-1.16	2.86	0.17	1.02	-1.06	CSA	IR
COMLAB	0.08	-0.29	0.37	-0.02	0.07	0.06	0.03	-0.59	0.05	0.56	0.09	0.87	4.32	0.97	0.72	1.55	2.99	1.51	1.21	2.13	CSA	IR
COMLAB	0.08	-0.29	0.35	-0.29	0.06	-0.26	0.03	-0.59	0.04	-0.36	0.06	-0.24	4.07	-0.52	0.66	0.07	2.80	-0.45	1.08	-0.05	CSA/FUS	IR
COMLAB	0.07	-0.57	0.33	-0.55	0.06	-0.26	0.03	-0.59	0.05	0.56	0.06	-0.24	4.09	-0.40	0.65	-0.18	2.88	0.38	1.09	0.11	CSA	IR
COMLAB	0.11	0.58	0.30	-0.95	0.10	1.03	0.02	-1.19	0.04	-0.36	0.04	-0.98	4.27	0.67	0.61	-1.16	2.86	0.17	1.01	-1.23	CSA	IR
COMLAB	0.06	-0.86	0.29	-1.09	0.05	-0.58	0.03	-0.59	0.04	-0.36	0.05	-0.61	4.23	0.43	0.60	-1.41	2.75	-0.96	1.02	-1.06	CSA	IR
COMLAB	0.11	0.58	0.39	0.25	0.07	0.06	0.04	0.02	0.04	-0.36	0.09	0.87	4.56	2.39	0.69	0.81	2.89	0.48	1.01	-1.23	CSA	IR
COMLAB	0.07	-0.57	0.35	-0.29	0.06	-0.26	0.07	1.84	0.06	1.49	0.08	0.50	4.47	1.86	0.65	-0.18	2.92	0.79	1.05	-0.56	CSA	IR
COMLAB	0.08	-0.29	0.52	1.98	0.02	-1.55	0.03	-0.59	0.08	3.00	0.07	0.13	4.96	3.00	1.22	3.00	3.25	3.00	1.12	0.62	CSA	IR
COMLAB	0.06	-0.86	0.24	-1.75	0.04	-0.91	0.03	-0.59	0.04	-0.36	0.04	-0.98	4.52	2.16	0.67	0.32	2.67	-1.78	0.98	-1.73	CSA	IR
COMLAB	0.22	3.00	0.40	0.38	0.18	3.00	0.10	3.00	0.11	3.00	0.11	1.62	3.62	-3.00	0.59	-1.66	2.40	-3.00	1.29	3.00	CSA	IR
COMLAB	0.03	-1.73	0.31	-0.82	0.04	-0.91	0.03	-0.59	0.04	-0.36	0.05	-0.61	3.99	-1.00	0.61	-1.16	2.81	-0.34	1.05	-0.56	CSA	IR
COMLAB	0.29	3.00	0.40	0.38	0.07	0.06	0.03	-0.59	0.04	-0.36	0.08	0.50	4.27	0.67	0.69	0.81	2.94	1.00	1.08	-0.05	CSA	IR
COMLAB	0.12	0.87	0.35	-0.29	0.05	-0.58	0.04	0.02	0.03	-1.29	0.05	-0.61	3.97	-1.12	0.62	-0.92	2.76	-0.86	1.06	-0.39	CSA	IR
COMLAB	0.09	0.00	0.34	-0.42	0.09	0.71	0.07	1.84	0.05	0.56	0.08	0.50	3.98	-1.06	0.65	-0.18	2.67	-1.78	1.02	-1.06	CSA	IR
COMLAB	0.13	1.15	0.48	1.46	0.15	2.58	0.05	0.82	0.06	1.76	0.08	0.36	4.04	-0.70	0.67	0.29	2.76	-0.86	1.06	-0.39	CSA	IR
COMLAB	0.08	-0.29	0.35	-0.29	0.07	0.06	0.06	1.24	0.06	1.49	0.07	0.13	4.32	0.97	0.62	-0.92	2.96	1.20	1.03	-0.89	CSA	IR
COMLAB	0.09	0.12	0.41	0.51	0.08	0.23	0.06	1.24	0.04	-0.09	0.08	0.43	4.12	-0.22	0.67	0.32	2.93	0.89	1.16	1.29	CSA	IR
COMLAB	0.11	0.58	0.56	2.51	0.06	-0.26	0.02	-1.19	0.06	1.49	0.03	-1.35	4.73	3.00	0.70	1.06	2.95	1.10	1.24	2.63	CSA	IR
COMLAB	0.08	-0.29	0.34	-0.42	0.05	-0.58	0.04	0.02	0.04	-0.36	0.06	-0.24	4.12	-0.22	0.65	-0.18	2.83	-0.14	1.10	0.28	CSA	IR
COMLAB	0.07	-0.57	0.36	-0.15	0.06	-0.26	0.04	0.02	0.06	1.49	0.06	-0.24	4.08	-0.46	0.67	0.32	2.80	-0.45	1.04	-0.73	CSA/FUS	IR
COMLAB	0.07	-0.49	0.33	-0.59	0.05	-0.55	0.03	-0.46	0.04	-0.55	0.07	0.02	3.98	-1.06	0.59	-1.58	2.74	-1.06	1.02	-1.06	CSA	IR
COMLAB	0.10	0.29	0.35	-0.29	0.06	-0.13	0.03	-0.34	0.04	-0.27	0.06	-0.39	4.23	0.44	0.66	0.17	2.86	0.15	1.07	-0.26	CSA	IR
COMLAB	0.12	0.92	0.47	1.25	0.10	1.16	0.06	1.42	0.08	3.00	0.10	1.28	4.75	3.00	0.69	0.74	3.26	3.00	1.10	0.28	CSA	IR
COMLAB	0.05	-1.15	0.38	0.11	0.06	-0.26	0.07	1.84	0.03	-1.29	0.06	-0.24	3.93	-1.35	0.67	0.32	2.78	-0.65	1.08	-0.05	CSA	IR
COMLAB	<0.01	bid	0.35	-0.29	0.04	-0.91	0.02	-1.19	0.03	-1.29	0.05	-0.61	4.06	-0.58	0.65	-0.18	2.94	1.00	1.13	0.78	CSA	IR
COMLAB	0.06	-0.86	0.34	-0.42	0.04	-0.91	0.03	-0.59	0.03	-1.29	0.04	-0.98	3.98	-1.06	0.63	-0.67	2.64	-2.09	1.31	3.00	CSA	IR
COMLAB	0.14	1.38	0.47	1.26	0.11	1.39	0.12	3.00	0.14	3.00	0.12	2.14	4.30	0.86	0.71	1.20	2.95	1.06	1.14	0.97	CSA	IR
COMLAB	0.12	0.87	0.38	0.11	0.09	0.71	0.08	2.45	0.07	2.41	0.36	3.00	4.13	-0.16	0.68	0.56	2.87	0.28	1.10	0.28	CSA	IR
MINELAB	0.18	2.59	0.49	1.58	0.13	2.00	0.10	3.00	0.14	3.00	0.13	2.36	5.60	3.00	0.79	3.00	3.58	3.00	1.20	1.96	CSA	IR
MINELAB	0.06	-0.86	0.28	-1.22	0.05	-0.58	0.02	-1.19	0.02	-2.21	0.04	-0.98	3.09	-3.00	0.52	-3.00	2.11	-3.00	0.84	-3.00	CSA	IR
MINELAB	0.17	2.31	0.51	1.85	0.13	2.00	0.10	3.00	0.10	3.00	0.20	3.00	2.97	-3.00	0.73	1.80	2.22	-3.00	1.01	-1.23	CSA	IR
MINELAB	0.08	-0.29	0.33	-0.55	0.06	-0.26	0.03	-0.59	0.04	-0.36	0.06	-0.24	4.21	0.31	0.68	0.56	2.88	0.38	1.10	0.28	CSA	IR
MINELAB	0.24	3.00	0.49	1.58	0.21	3.00	0.20	3.00	0.19	3.00	0.26	3.00	3.72	-2.60	0.82	3.00	2.76	-0.86	1.14	0.95	CSA	IR
MINELAB	0.16	2.02	0.42	0.65	0.12	1.68	0.09	3.00	0.11	3.00	0.12	1.99	3.23	-3.00	0.62	-0.92	2.47	-3.00	1.04	-0.73	CSA	IR
MINELAB	0.10	0.26	0.42	0.66	0.09	0.68	0.08	2.15	0.09	3.00	0.10	1.17	4.30	0.85	0.72	1.62	2.93	0.89	1.13	0.78	CSA	IR
MINELAB	bid	bid	0.26	-1.49	bid	bid	bid	bid	bid	bid	bid	bid	4.35	1.15	0.58	-1.90	2.93	0.89	0.99	-1.56	CSA	IR
MINELAB	0.04	-1.44	0.33	-0.55	0.01	-1.87	0.02	-1.19	<0.01	bid	0.02	-1.73	4.26	0.61	0.64	-0.42	2.76	-0.86	1.04	-0.73	CSA	IR
MINELAB	0.05	-1.20	0.33	-0.53	0.08	0.27	0.03	-0.51	0.04	0.01	0.05	-0.47	4.04	-0.69	0.73	1.82	2.72	-1.23	1.11	0.47	CSA	IR
MINELAB	0.23	3.00	0.37	-0.02	0.07	0.06	0.05	0.63	0.06	1.49	0.09	0.87	4.51	2.10	0.68	0.56	2.97	1.30	1.08	-0.05	CSA	IR
MINELAB	0.08	-0.17	0.39	0.25	0.07	0.16	0.05	0.57	0.06	1.76	0.06	-0.09	4.28	0.73	0.65	-0.18	2.96	1.20	1.08	-0.05		



BECQUEREL CANADA - NEUTRON ACTIVATION ANALYSIS REPORT

NAA Results - Gold and Base Metals

		G310-1	G310-2	G310-3	G310-4	G310-5	G310-6	G310-7	G310-8	G310-9	G310-10	GBM310-1	GBM310-2	GBM310-3	GBM310-4	GBM310-5	GBM310-6	GBM310-7	GBM310-8	GBM310-9	GBM310-10	GBM310-11	GBM310-12	GBM310-13	GBM310-14	GBM310-15	GBM310-16	GLG310-1	GLG310-2	GLG310-3	GLG310-4	GLG310-5	
Sb	ppm	-0.11	1.01	0.803	0.09	0.14	0.691	-0.11	-0.12	-0.15	-0.17	6.53	0.834	0.1	0.39	0.984	110	25.2	431	0.22	1.07	0.3	0.19	0.665	0.696	5.9	0.77	-0.19	334	10.1	62.3	725	
As	ppm	-0.5	1.6	1	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	3.6	0.6	-0.5	6.6	13	351	81.1	1300	6.2	13	589	-0.5	82.7	-0.5	5.4	3.2	-2.5	85.2	67.8	798	1940	
Ba	ppm	540	300	340	540	530	540	420	470	540	470	-50	290	260	2500	150	390	380	400	2500	140	88	-50	97	210	-50	330	-50	-50	140	330	530	
Br	ppm	0.6	-0.5	0.6	0.6	1	0.7	0.7	-0.5	0.7	-0.5	0.5	0.5	-0.5	-0.5	2.9	1.3	-0.5	-1.3	0.9	2.7	-0.5	-0.5	0.9	1.2	-0.5	-1.1	-1.4	2.6	5.3	-1.1	-2.3	
Cd	ppm	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	20	57	64	-5	-5	-5	-5	-5	-5	8	-5	-11	390	806	32	507	
Ce	ppm	43.6	35.2	34.8	43.4	43.6	45.5	38.1	41.4	45.6	40.8	6.4	38.1	35.1	228	33.8	35.6	37	36.6	218	34.9	182	7.46	67.1	37.6	12.8	36.1	8.42	15.5	35.2	33.3	34.9	
Cs	ppm	4	2	2	4	4	4	3	3	4	3	14	2	1	2	-1	2	2	-1	2	-1	-1	15	-1	2	24	2	-1	2	8	-1	1	
Cr	ppm	80	110	110	79	69	72	100	81	70	96	19	88	120	30	4060	110	110	120	16	4690	47	46	56	67	4880	64	96	93	70	60	-65	
Co	ppm	18.3	31.3	29.9	17.5	19.1	18.2	25.1	21.6	17.7	21.6	2.68	34.7	34.5	11	275	44.6	47.5	74.1	10.8	278	527	11.6	52	34.3	25.5	1030	1490	70.3	6.88	749	9.82	
Eu	ppm	1.12	1.53	1.45	1.13	0.962	1.14	1.33	1.25	1.18	1.19	0.1	1.58	1.73	2.52	0.683	1.37	1.25	1.34	2.4	0.692	1.73	0.632	0.862	1.89	0.3	0.74	0.2	0.63	5.41	0.72	0.71	
Au	ppb	5500	203	65	440	1080	708	1110	8900	3600	55000	3	60	135	98	68	522	716	1170	110	76	4330	606	366	53	190	37	27	160	635	23900	4540	
Hf	ppm	3.78	3.98	4.04	3.96	5.03	4.02	3.9	3.9	3.91	3.96	4.59	4.65	5.09	10	1.95	3.51	7.77	3.35	9.69	2.06	4.35	11.1	10.7	4.29	6.6	2.43	0.61	1.6	1.7	1.7	1.1	
Ir	ppb	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-12	-5	-5	-5	-5	-5	-5	-5	-5	10	-13	-14	-10	-19	
Fe	%	4.27	6.91	6.73	4.1	4.21	4.47	5.56	4.89	4.16	4.88	4.1	8.36	7.68	3.45	14.1	6.32	6.35	7.2	3.35	14.4	7.94	2.47	1.64	8.28	3.82	33.2	45.1	3.51	1.5	24.9	11.2	
La	ppm	25	17.7	17.8	25.5	25.4	26	20.8	22.9	25.9	22.6	2.13	18.5	16.7	125	11.2	19.6	20.9	19.6	122	11.5	107	3.35	36	18.1	2.45	20.1	4.82	7.05	18.5	25.1	19.3	
Lu	ppm	0.38	0.447	0.452	0.399	0.418	0.403	0.412	0.396	0.406	0.389	0.09	0.558	0.496	0.72	0.18	0.437	0.455	0.458	0.701	0.236	0.567	0.178	0.397	0.544	0.082	0.17	-0.062	0.3	0.38	0.15	0.35	
Mo	ppm	18	4	6	48	14	9	34	38	17	-1	1	9	6	58	-1	74	114	33	60	2	-3	47	2	8	-1	-1	-5	-5	21	564	11	
Ni	ppm	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	430	3600	-100	-100	-100	490	3900	110	-100	-100	-100	9600	22100	30600	-100	-100	330	-100	
Rb	ppm	140	79	80	140	150	140	100	120	150	120	580	67	57	130	-15	82	82	100	130	-15	50	480	29	66	690	37	21	57	65	16	32	
Sm	ppm	4.31	4.79	4.64	4.21	4.06	4.37	4.61	4.4	4.39	4.39	0.428	5.57	5.22	14.6	2.46	4.37	4.36	4.36	14.1	2.53	12.9	1.55	5.03	5.42	0.807	2.8	0.888	1.54	3.79	2.52	2.44	
Sc	ppm	15.1	25.9	24.9	14.4	16.8	15	20.6	17.6	14.7	17.5	2.78	28.6	28.5	7.82	19.3	21.7	21.5	20.7	7.52	19.5	17.2	9.3	7.19	28.4	4.23	8.95	8.18	12.1	6.57	3.98	6.48	
Se	ppm	-1.5	-1.4	-1.5	-1.4	-1.6	-1.5	-1.3	-1.6	-1.2	-1.6	-1.1	-1.5	-1.5	-1.5	-2.1	6.65	3.2	27	-1.5	-1.8	-2.3	-1.2	-1.1	-1.5	-1.9	48.6	49.9	2.7	-3.7	123	-4.1	
Ag	ppm	20.6	-1.8	-1.9	5	2.8	3.2	12.4	21.4	5.5	10.5	-0.81	3.1	-1.9	55.4	-1	17	42.8	19.8	54.7	-1	2.9	48.2	-1	2.8	4.6	-2.5	-2.9	30.3	58	76.1	298	
Na	%	2.62	2.37	2.33	2.62	2.56	2.68	2.52	2.56	2.68	2.51	1.18	2.26	2.22	2.61	0.455	2.34	2.21	2.16	2.55	0.467	1.72	1.19	2.32	2.22	1.37	0.492	0.26	0.14	0.0949	0.168	0.158	
Ta	ppm	1.23	0.987	1.23	1.42	2.33	1.55	1.17	0.948	1.4	1.5	0.465	1.04	1.51	1.27	0.24	1.05	4.63	0.993	1.17	0.26	0.444	0.285	0.911	1.04	0.757	0.429	0.39	1.74	0.41	0.64	0.35	
Te	ppm	-4.1	-3.4	-3.6	-3.8	-3	-4.1	-3	-2.9	-4.1	-3.2	-2	-3.9	-3.9	-2.7	-4.7	-4.2	-4.5	-6.3	-2.5	-4.5	-4.3	-2.5	-2.2	-3.6	-3.7	-6.1	-7.2	-8.7	-10	7	-12	
Tb	ppm	0.62	1	0.89	0.79	0.5	0.67	0.88	0.5	0.63	0.95	-0.16	1	1	1.58	0.45	1.1	0.45	1	1.59	-0.41	1.7	0.22	0.58	1	-0.35	0.59	-0.62	-0.79	1.3	-0.54	-1	
Th	ppm	17	9.88	10.1	17.7	18.6	18	12.8	15.4	17.9	14.8	6.61	8.02	6.45	41.3	1	11.7	12.6	11.3	39.3	0.91	11.4	0.761	13.1	7.89	-0.23	6.79	2.17	1.3	7.06	5.09	4.74	
Sn	ppm	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-260	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-230	-100	-320	-410
W	ppm	-1	-1	1	1	2	-1	-1	-1	-1	-1	2	1	1	3	2	4	8	-6	3	-1	225	-2	15	-1	-2	-3	-5	-7	-8	15	-12	
U	ppm	8.6	4.6	4.5	8.5	9	8.6	6	7	8.8	7.6	1.5	3.7	3.3	5.3	0.8	5.4	6.9	4.5	6.1	0.9	2.8	-0.5	2.8	3.6	0.6	-0.5	-0.5	-0.5	6.6	9.4	2.2	
Yb	ppm	2.48	2.99	2.83	2.59	2.53	2.69	2.77	2.61	2.53	2.2	0.618	3.4	3.2	5.07	1.39	2.69	2.82	2.52	4.79	1.4	3.95	1.23	2.41	3.26	0.528	1.39	0.49	0.8	1.48	0.66	0.59	
Zn	ppm	81.9	116	109	72.9	67.3	76.7	91.5	83.6	78.7	80.9	-50	120	124	235	487	10100	21000	33400	239	493	-30	36	29	109	20600	-50	-50	108000	178000	12000	172000	
Zr	ppm	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	-500	

SUMMARY REPORT OF INDIVIDUAL LABORATORY PERFORMANCE
Zarazma Minerals Studies Company

GOLD SAMPLES

10 samples were sent to the laboratory for Fire Assay analysis. The laboratory reported their Fire Assay results, and these contained no outliers.

10 samples were sent to the laboratory for Aqua Regia analysis. The laboratory reported their Aqua Regia results, and these contained no outliers.

5 samples were sent to the laboratory for Low Level Gold analysis. The laboratory reported their Low Level Gold results, and these contained no outliers.

Au & Ag IN CARBON SAMPLES

The laboratory were not sent any samples for Au & Ag in carbon analysis.

BASE METAL SAMPLES

10 Base Metal samples were sent to the laboratory for analysis.

The laboratory reported for Silver content, and these contained no outliers.

The laboratory reported for Copper content, and these contained no outliers.

The laboratory reported for Lead content, and these contained no outliers.

The laboratory reported for Zinc content, and these contained 1 outlier.

The laboratory reported for Nickel content, and these contained no outliers.

The laboratory reported for Arsenic content, and these contained 1 outlier.

The laboratory reported for Cobalt content, and these contained 2 outliers.

ORE GRADE BASE METAL SAMPLES

6 Ore Grade Base Metal samples were sent to the laboratory for analysis.

The laboratory reported for Copper content, and these contained no outliers.

The laboratory reported for Lead content, and these contained no outliers.

The laboratory reported for Zinc content, and these contained no outliers.

The laboratory reported for Nickel content, and these contained no outliers.

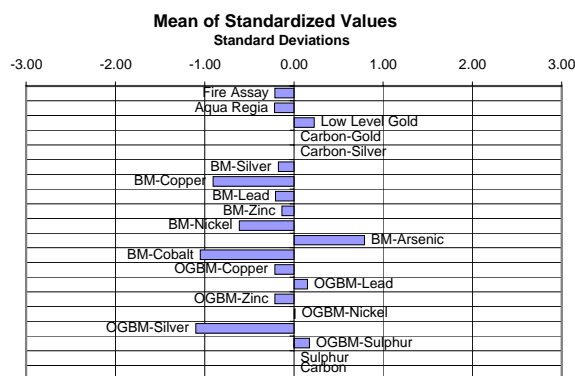
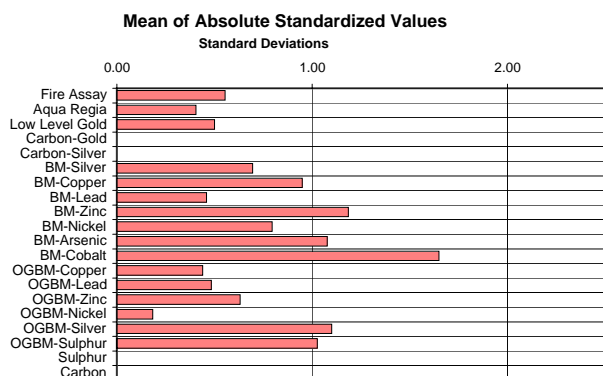
The laboratory reported for Silver content, and these contained no outliers.

The laboratory reported for Sulphur content, and these contained no outliers.

SULPHUR SAMPLES

The laboratory were not sent any Sulphur samples for analysis.

ERROR GRAPHS



FURTHER INFORMATION

The samples analysed in this survey are available for purchase. Please contact us or visit www.geostats.com.au for a complete listing of available materials.

To discuss this report, please contact us on +618 9314 2566, or srr@geostats.com.au