

**GEOCHEMICAL REPORT ON THE LEOTA GOR 42 - 46 AND LEOTA GC 39, 41
CLAIMS**

Grant names and Numbers: Leota GOR 42 to 46 and Leota GC 39 and 41

(YD89515 – YD89519, YD89532, YD 89534)

NTS Map Sheet 116 B 02

Latitude N64° 00' 25.9", Longitude W138° 53' 40.1"

UTM Coordinates 602900E, 7099550N, Zone 7, NAD83

Dawson Mining District

Registered owners: Mark Pocklington and Ross Weitzel

Work performed: August 30 to September 10, 2011

for

Goldbank Mining Corp.

by

Bohumil (Boris) Molak, PhD., P.Geo (BC)

Date: March 16, 2012

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1. INTRODUCTION

The Leota GOR 42 to 46 and Leota GC 39 and 41 claims are situated approximately 40 km east of Dawson City in the Yukon Territory. The claims are part of the Leota Claim Block consisting of 1018 contiguous, un-surveyed Quartz mining claims covering an area of over 210 square kilometers. In February 2010 the property owners M. Pocklington (50%) of Edmonton and R. Weitzel (50%) of Whitehorse optioned the claims to Goldbank Mining Corporation (Goldbank) of Vancouver and as of March 2012 Goldbank has acquired a 75 % interest in the Leota Property. Later in 2010 Goldbank entered into another option agreement with T. McMahon to acquire interest in the Hasenfuss claims adjoining the Leota Claim Block in the southwest. The Hasenfuss claims contain the historical gold prospect named Alphonse.

A soil sampling program was carried out intermittently on the Leota GOR 42 to 46 and Leota GC 39 and 41 claims (Figs. 1, 2, 3) from August 30 to September 10, 2011 (Figs. 1, 2). The writer of this report designed the survey with an objective to intersect meta-sedimentary and meta-volcanic units of the Nasina and Anvil assemblages and to detect precious and base metal anomalies within them and/or at their contacts. A grid of six 800 meters long, east - west running lines spaced 100 meters and with stations 25 meters apart was laid from which a total of 191 soil samples were collected from the “C” soil horizon. A Dutch auger was used for drilling and the samples were placed in pre-numbered Kraft paper bags and sealed with flagging tape. A flag with sample number was fixed at each sample site. A GPS unit was used to locate stations and record coordinates. In addition, eight rock samples were collected from the outcrops and from historical dumps and trenches. The samples were submitted to the Acme Analytical Laboratories Ltd. (AcmeLabs) facility in Dawson City for preparation and the analyses proper were performed at AcmeLabs in Vancouver.

Several more or less isolated gold anomalies were detected within the soil grid. The most distinct anomaly with a maximum 62.4 ppb Au is situated at the southern margin of the grid. The rock samples yielded subdued gold values, the highest (6.3 ppb Au) being from a vein quartz float with iron oxide stains from historical dumps. These dumps dating back to early and mid 20th century extend from south to north for at least 400 meters across the centre of the grid.

Mafic/ultramafic float and chip samples from old dumps and trenches yielded very low gold values. Mafic/ultramafic (ophiolitic?) rocks in the grid area are indicated by overlapping chromium – nickel – magnesium anomalies. Their extent however does not appear to be as continuous as plotted on the geological map. No statistically significant correlation was found between gold and other elements in the soil samples. In the rock samples however gold significantly correlates with lead and weakly with silver. Silver strongly correlates with zinc, arsenic, antimony, mercury and barium indicating a low-temperature, Ag-Hg-Sb mineralization with barite.

1.1. Location, Access and Topography

Leota GOR 42 to 46 and Leota GC 39 and 41 claims (further Gor/GC claims) are situated in the northern part of the Leota Claim Block (LCB), which extends from 25 to 50 kilometers east and southeast of Dawson City. LCB is bordered in the north by the Klondike River, in the east by the Minnie Bell Creek and in the south by the Hunker and Dominion Creeks. LCB forms the eastern part of the historical Klondike Goldfields. Access to the Leota Gor 42-46, Leota GC 39 and 41 claims (further Gor/GC claims) from Dawson City is by Klondike HW and then by a dirt road that branches off the HW about 28 km southeast of Dawson City. Topography on the Gor/GC claims is gently rolling with altitudes ranging from 500 meters above sea level at the Goring Creek to about 650 meters in the northwestern corner of the grid.

1.2. The Claims

Table 1: Leota Gor 42-46, Leota GC 39 and 41 claims status; Grouping Certificate HD03048 .

Grant Number	Claim Name	Claim Owner	Expiry Date
YD89515	Leota Gor 42	M. Pocklington (50%), R. Weitzel (50%)	31 Oct., 2014
YD89516	Leota Gor 42	M. Pocklington (50%), R. Weitzel (50%)	31 Oct., 2014
YD89517	Leota Gor 42	M. Pocklington (50%), R. Weitzel (50%)	31 Oct., 2014
YD89518	Leota Gor 42	M. Pocklington (50%), R. Weitzel (50%)	31 Oct., 2014
YD89519	Leota Gor 42	M. Pocklington (50%), R. Weitzel (50%)	31 Oct., 2014
YD89532	Leota GC 39	M. Pocklington (50%), R. Weitzel (50%)	31 Oct., 2013
YD89534	Leota GC 41	M. Pocklington (50%), R. Weitzel (50%)	31 Oct., 2013

The Gor/GC claims overlap with the placer claims named Rae 20-25, R 18, Reid 18, Andrew, Dallas Rae and Austen. The 100 % owner of these claims is Wayne Gaven.

1.3. Terms of Reference

This report summarizes the results of a soil sampling program that was conducted on selected Gor/GC claims intermittently from August 30 to September 10, 2011. The objective was to detect precious and/or base metals anomalies in the soil overlying the Nasina and the Anvil



Fig. 1: Location of Leota Gor 42-46 and GC 39, 42 Claims

Assemblage rocks and their contacts. For parts of this report the writer has relied on the Technical Report by C. H. Ash (2010), on the assessment and open file reports of the Yukon Exploration and Geological Services Division, on various geo-scientific publications and on the Yukon Department of Energy, Mines and Resources (YDEM) Internet applications. The information reported by other experts who are not qualified persons for this report are quoted in the References chapter and are to the best of the writer's knowledge and experience correct and

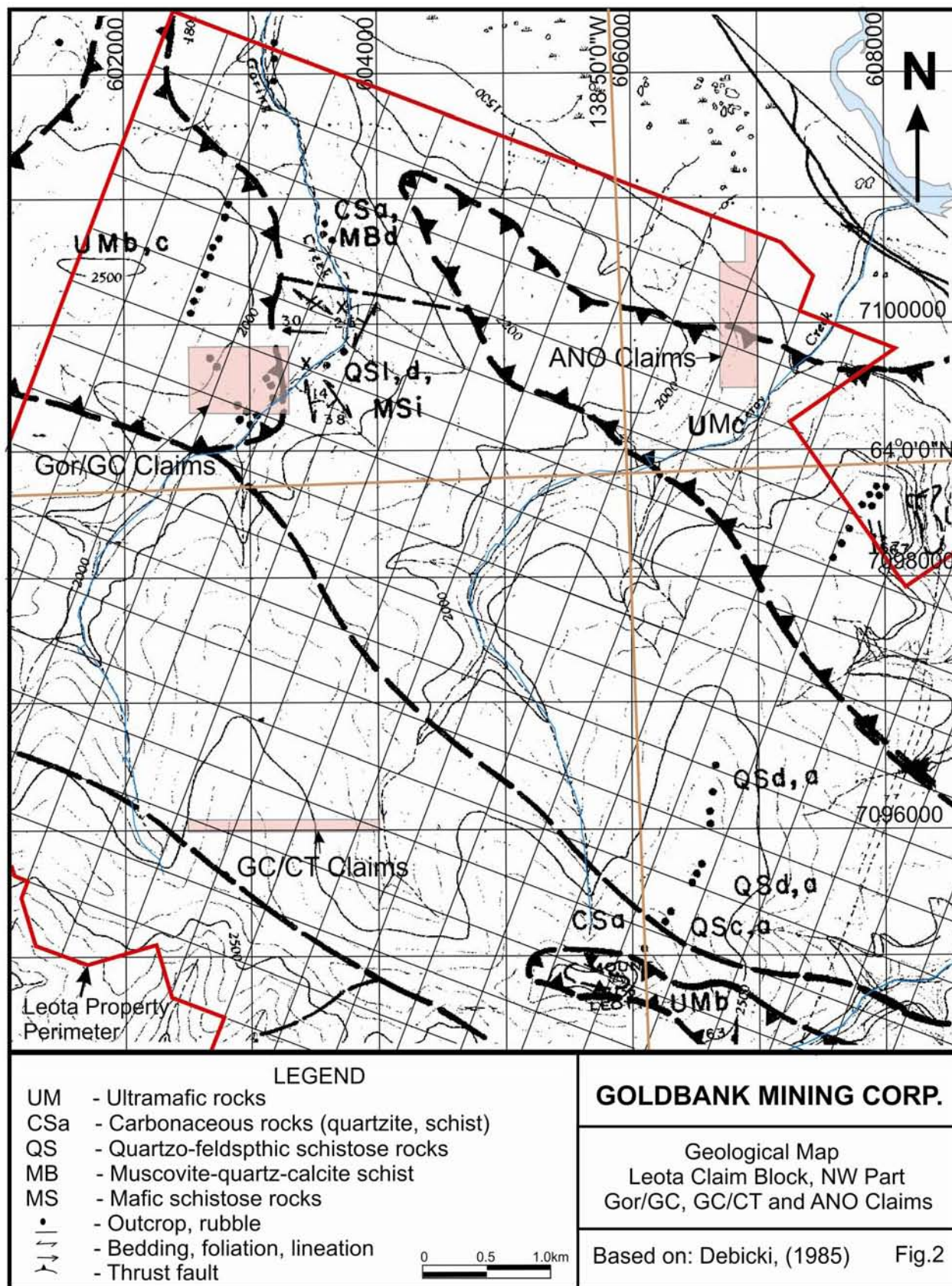
suitable for the inclusion in this report. Claim descriptions provided herein have been excerpted from the electronic applications of the YDEMR and relate to the status as of March 16, 2012. The 2012 Exploration Expenses chapter was prepared by Goldbank Mining Corp.

2. PREVIOUS EXPLORATION

Traces of historical placer and possibly hard rock mining are visible on the Gor/GC claims. Old dumps dating back to early and mid 20th century occur on the northern slopes of the Goring Creek. Yukon Geological Survey geologists mapped and investigated the broader area since the first half of the past century. A geological map at 1:250,000 scale authored by Bostock was published in 1942. Debicki et al (1984, 1985) completed the maps at 1:50,000 scale covering the areas south and east of Dawson City. Mortensen (1996) completed the map at 1:50,000 scale covering the NTS maps 115 O/13, 14 and parts of 115 O/15 and 16. Gordey and Makepeace (2003) released a geological compilation of the entire Yukon territory. Gordey and Ryan (2005) published a geological compilation for the Stewart River map sheet (115N&O) based on mapping conducted by themselves, Mortensen and others. MacKenzie et al published geo-scientific papers in 2007 and 2008, which include geological maps based on the Mortensen map (1996).

Ash (2006) mapped the area underlying the placer-rich portion of the Klondike goldfields to the immediate east of the Leota property area. He reported remnants of ophiolitic rocks forming erosional remnants that are locally preserved on the high ground, often as isolated klippe. Ash (2006) and Doherty and Ash (2005) reported on the gold mineralization at the Lone Star and White. They concluded that the mineralization was consistently localized within the suture zone contact between hanging wall ophiolitic rocks and footwall plutonic rocks. Ash continued to work in the area including the Leota property and the results he achieved further strengthened his belief that the lode gold mineralization in the Klondike region is structurally and lithologically controlled and spatially associated with the ophiolitic rocks.

Based on historical information the area is underlain by Devonian to Mississippian aged meta-sedimentary rocks assigned to unit DMN1 and to Late Paleozoic rocks assigned to CPA4 unit.



In 2010 Cash Geological Consulting conducted geological and geochemical surveys on the Leota property on behalf of Goldbank. Based on the results a 43-101 compliant Technical Report was completed and filed (Ash, 2010). The surveys identified eight independent gold anomalous areas, three of which, named Hasenfuss, Michie, and Cheerio, were described as definitive gold zones that could be made drill ready within two months of further definition exploration. The remaining areas were defined by point-source anomalies, by the ridge or spur soil surveys and/or by grab sampling (Ash, 2010).

3. REGIONAL GEOLOGY

The area is situated on the southwest side of the Tintina Trench within the Yukon – Tanana Terrane. The Klondike Goldfield is made up of meta-sedimentary and meta-igneous units belonging to Klondike Schist and Finlayson Assemblages and lesser amount of low-grade metamorphosed ultramafic rocks of the Slide Mountain Terrane (Mortensen in: MacKenzie et al, 2008). Regional scale thrust faulting in the Early Jurassic stacked these rocks into a series of thrust slices that are locally separated by lenses of sheared ultramafic rocks. They were then uplifted through the brittle-ductile transition in the Jurassic and unconformably overlain by locally derived sedimentary and volcanogenic rocks in the Late Cretaceous (Mortensen, 1996). The Klondike Goldfield was then offset approximately 450 km along the Tintina fault (Gabrielse et al., 2006). Erosion and minor uplift continued in the Late tertiary and resulted in the deposition of the Pliocene White Channel Gravels and their contained gold deposits (Lowey, 2005).

4. LOCAL GEOLOGY AND MINERALIZATION

According to Mortensen (1996), the Gor/GC claim area is made up of units belonging to Nasina Assemblage of Late (?) Devonian to Early Mississippian age. They comprise medium to coarse grained mica schist, commonly garnetiferous, with amphibolite and minor quartzite and conglomerate. According to Debicki (1985), the Leota Gor/GC claims area is underlain by various facies of quartzo-feldspathic schistose rocks of Triassic or older age. The maps included in the MacKenzie et al (2007, 2008) publications show the Gor/GC claims area is underlain by the Finlayson Assemblage of Devonian to Mississippian age. According to maps available at that

time, the Gor/GC claims are underlain by serpentinized peridotite. However, Debicki's work (1985) has shown that much of the area is underlain instead by massive to foliated, dark grey to black carbonaceous quartzite and carbonaceous schist carrying minor amounts of pyrite (Fig 2). Debicki (1984) further describes three mineral occurrences within a radius of the current Leota property. The first is a sphalerite occurrence named Leotta, which was staked in 1969 after sphalerite was reported in a panning sample from Too Much Gold Creek. The second occurrence named Germaine is reported from the placer gravels of the Germaine Creek. Considerable colloform cassiterite and highly argillitized quartz porphyry containing up to 100 ppm tin, compared with only 7 ppm tin in unaltered porphyry, is described. The third occurrence coined Asbestos Bluff lies about 1 km southwest of the Klondike Highway – Dempster HW junction. Chrysotile fibres up to 9 mm long occur with amphibole fibres up to 50 mm long in a 10 meter wide zone of brecciated serpentinite (Debicki, 1984).

5. 2011 GEOCHEMICAL SURVEY

The soil sampling program on the Leota Gor 42-46, Leota GC 39 and 41 claims was carried out intermittently from August 30 to September 10, 2011 (Figs. 1 - 4). The objectives were to detect precious and/or base metal anomalies in the soil overlying the Nasina Assemblage and the Anvil Assemblage and to use the results as guidance for further work. The rock samples were collected from old dumps, recent trenches and outcrops and structural information was recorded at the outcrops. The writer of this report designed and supervised the survey.

The soil samples were collected from “C” horizon using a Dutch auger. The samples were placed in pre-numbered Kraft paper bags, closed and sealed with flagging tape. Each station was marked with a pre-numbered flag. A GPS unit was used to locate stations and record coordinates. A total of 191 soil samples and eight rock samples were collected. At the date of this report 174 soil sample assays were available for the report while 17 are still pending. The writer kept samples in a safe place after collection and dispatched them personally to Acme Analytical Laboratories Ltd. (AcmeLabs) facility in Dawson City for preparation. The pulps were then sent to AcmeLabs in Vancouver for analysis. The assay results for gold and selected elements are shown graphically in Figs. 13 - 15 and basic statistics and correlations are listed in tables 2 and 3.

6. SAMPLE PREPARATION AND ANALYSIS

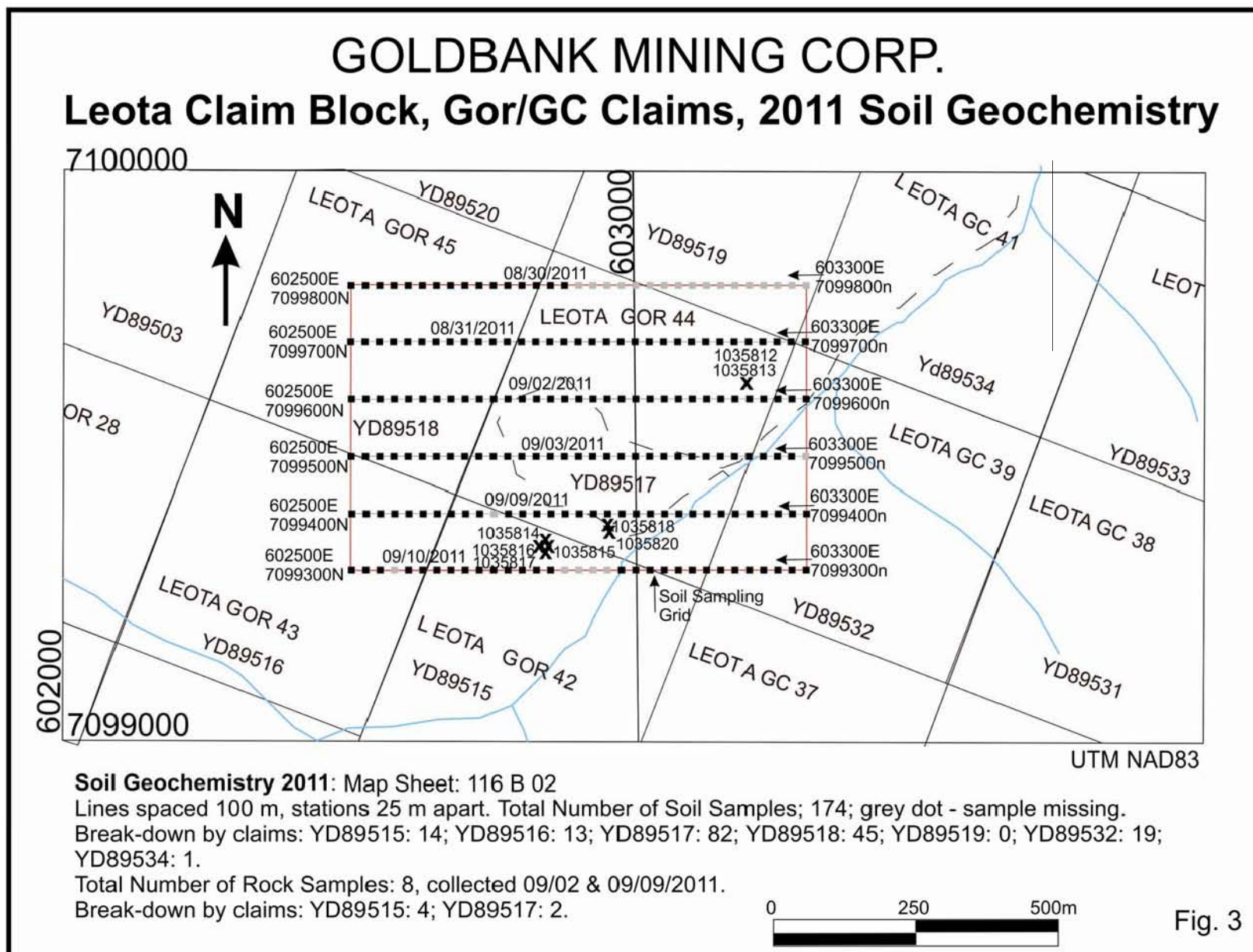
AcmeLabs conducted the sample preparation and analyses in accordance with generally accepted analytical laboratory principles and practices. The soil samples were dried at 60° C and sieved to 100g to -80 mesh (code SS80). The rock samples (1 kg) were crushed, split and pulverized to 200 mesh (code R200-1000). The analyses on both were performed on a 30 g pulp using Aqua Regia digestion and Ultratrace ICP-MS analysis (codes 1F03, 1F06) for 37 or 53 elements, respectively. The AcmeLabs assay certificates and the QA check-up analyses are attached in Appendix III at the back of this report. The anomaly maps were prepared using Surfer software.

Table 2: Basic Statistics (Au, Ag in ppb, Cu, Pb, Zn, Cr, Ni in ppm, Mg in %).

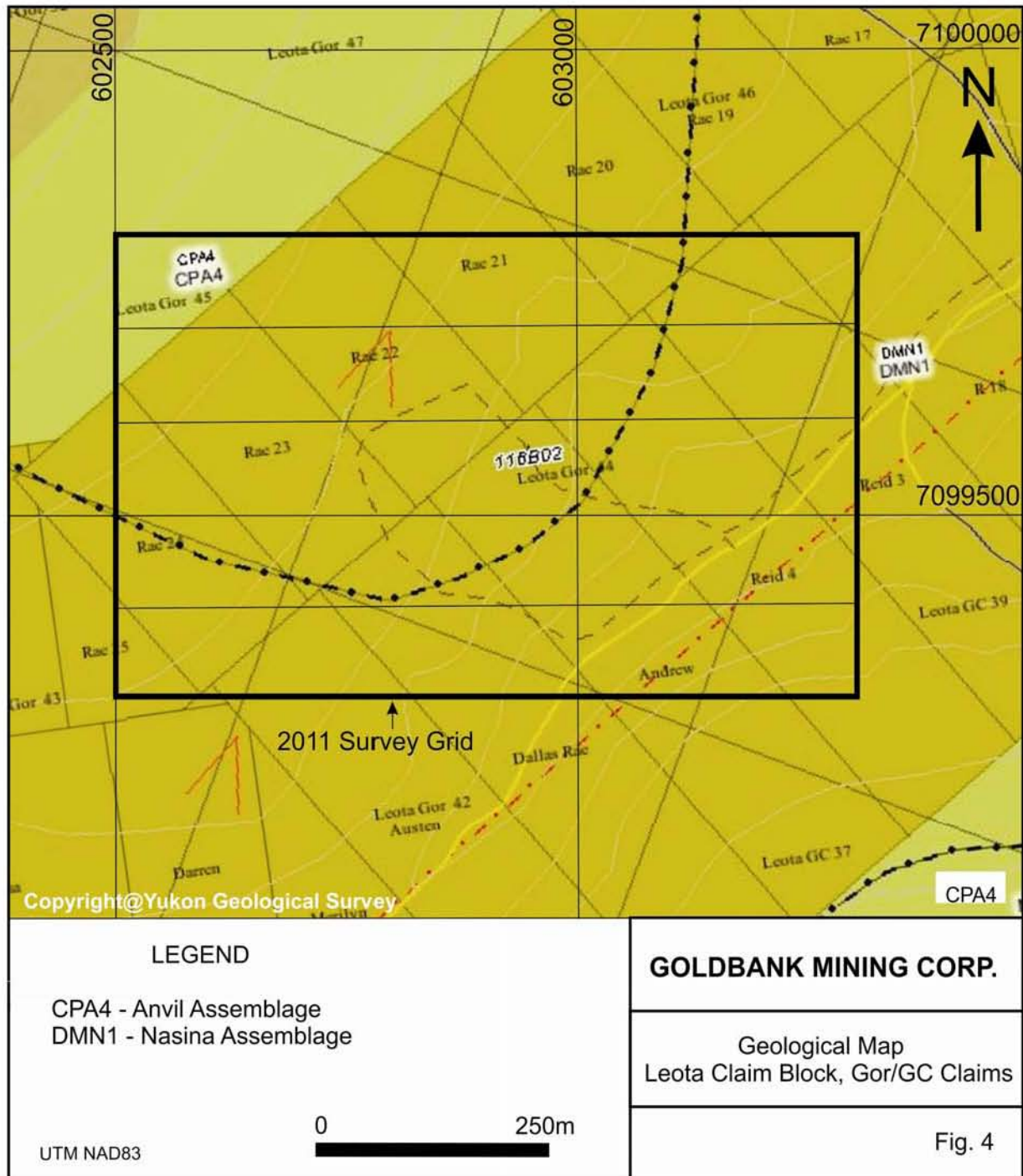
Function	Au	Ag	Cu	Pb	Zn	Cr	Ni	Mg
Count:	174	174	174	174	174	174	174	174
50 percentile:	3.6	89	29.13	10.8	57.5	85.3	92.8	0.67
75 percentile:	5.6	112	34.07	12.56	68.5	123	167.4	0.87
90 percentile:	7.6	135	46.43	16	79	209.3	246.1	1.12
95 percentile:	10.3	154	60.83	22.66	89.1	274	327.7	1.47
99 percentile:	15.1	272	86.7	33.51	157.3	330.7	427.5	1.94
Minimum:	<0.2	<2	3.46	5.46	13.3	13.6	15.6	0.09
Maximum:	62.4	723	99.31	45.65	184.3	387.5	738.6	2.55
Mean:	4.728	92.934	31.508	11.916	61.747	103.659	128.977	0.743
Median:	3.6	89	29.135	10.83	57.5	85.4	93.2	0.67
Geometric Mean:	3.668	76.108	28.806	11.083	58.906	81.700	91.834	0.673
Variance:	28.036	4614.270	208.667	31.569	467.874	5459.020	13084.030	0.128
Standard Deviation:	5.295	67.928	14.445	5.619	21.630	73.885	114.385	0.357
Standard Error:	0.401	5.165	1.095	0.426	1.640	5.601	9.100	0.027
Variation Coefficient:	1.120	0.731	0.458	0.472	0.350	0.713	0.887	0.481
Skewness:	7.779	5.344	1.929	2.944	2.751	1.509	2.355	1.834
Kurtosis:	82.013	46.616	8.365	13.803	14.590	5.341	11.496	8.015

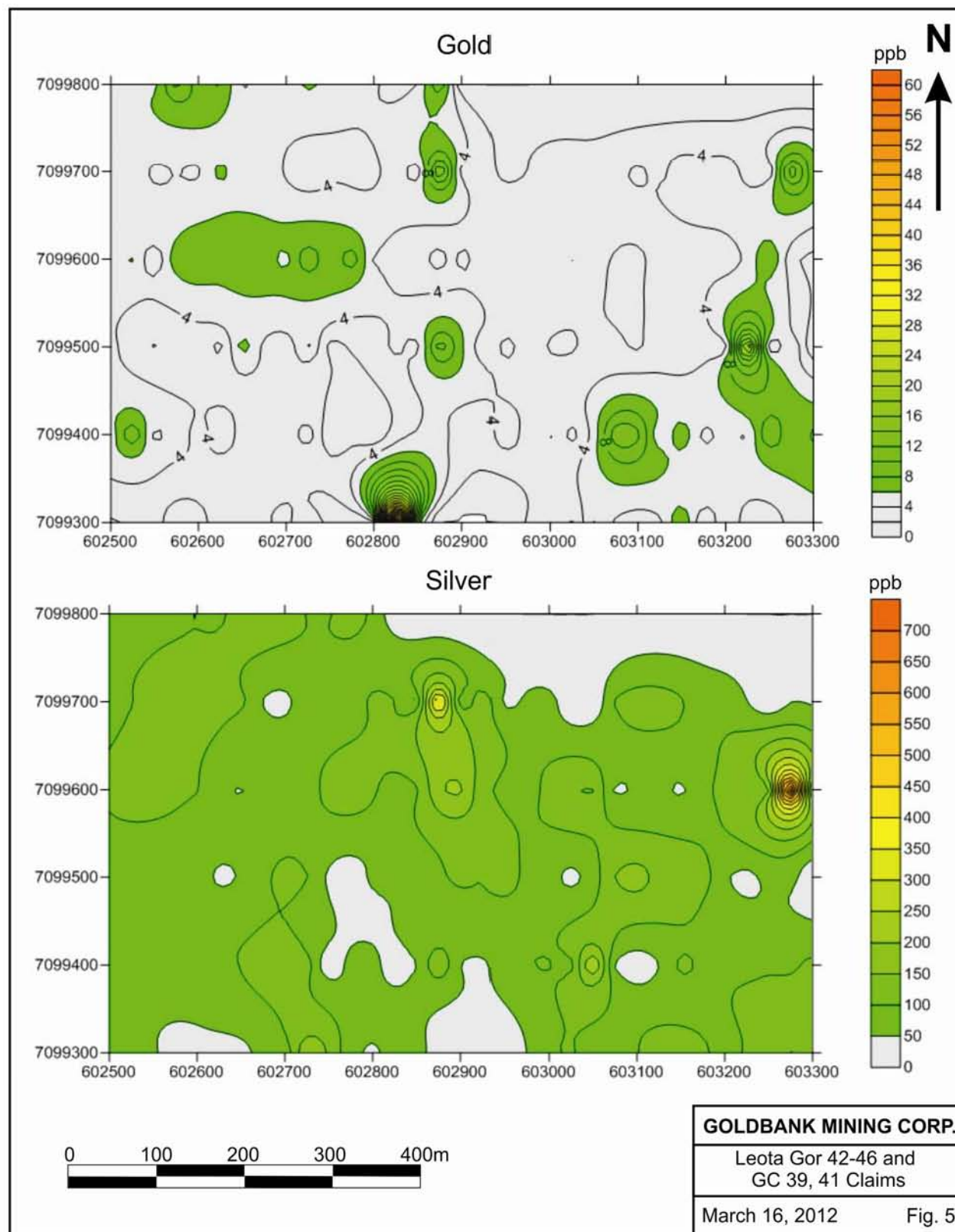
Table 3: Correlation Matrix

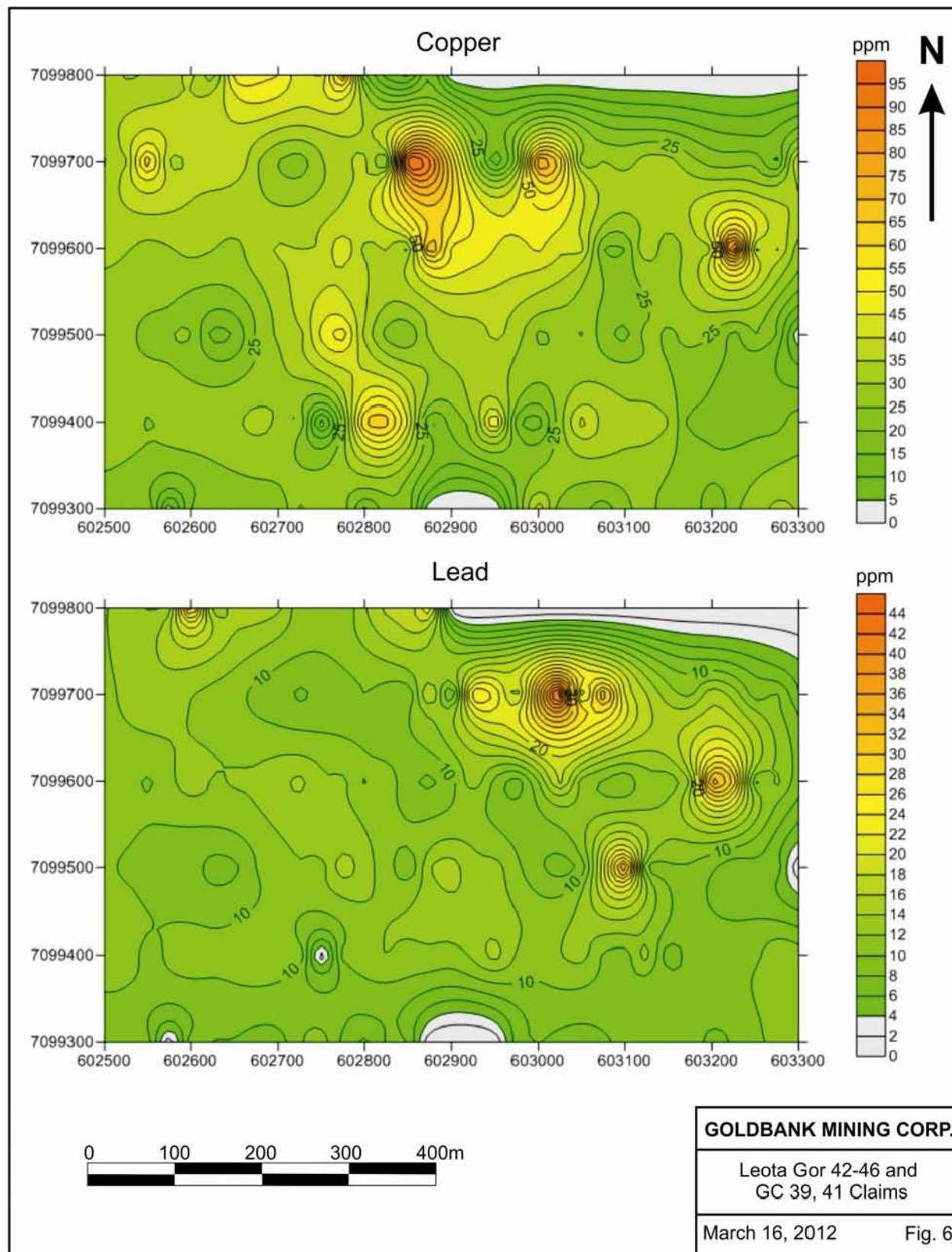
	Au	Ag	As	Cu	Pb	Zn	Cr	Ni	Mg
Au	1								
Ag	0.016313	1							
As	-0.01014	0.153553	1						
Cu	-0.03156	0.254182	0.711678	1					
Pb	-0.03325	0.086382	0.404764	0.271494	1				
Zn	-0.01522	0.179697	0.398295	0.433195	0.430508	1			
Cr	-0.08547	-0.2038	0.142911	0.242193	0.001109	0.054441	1		
Ni	-0.01972	-0.03358	0.258316	0.338444	0.065174	0.066203	0.791723	1	
Mg	-0.10679	-0.06457	0.204294	0.402144	-0.18803	0.099749	0.622906	0.683502	1



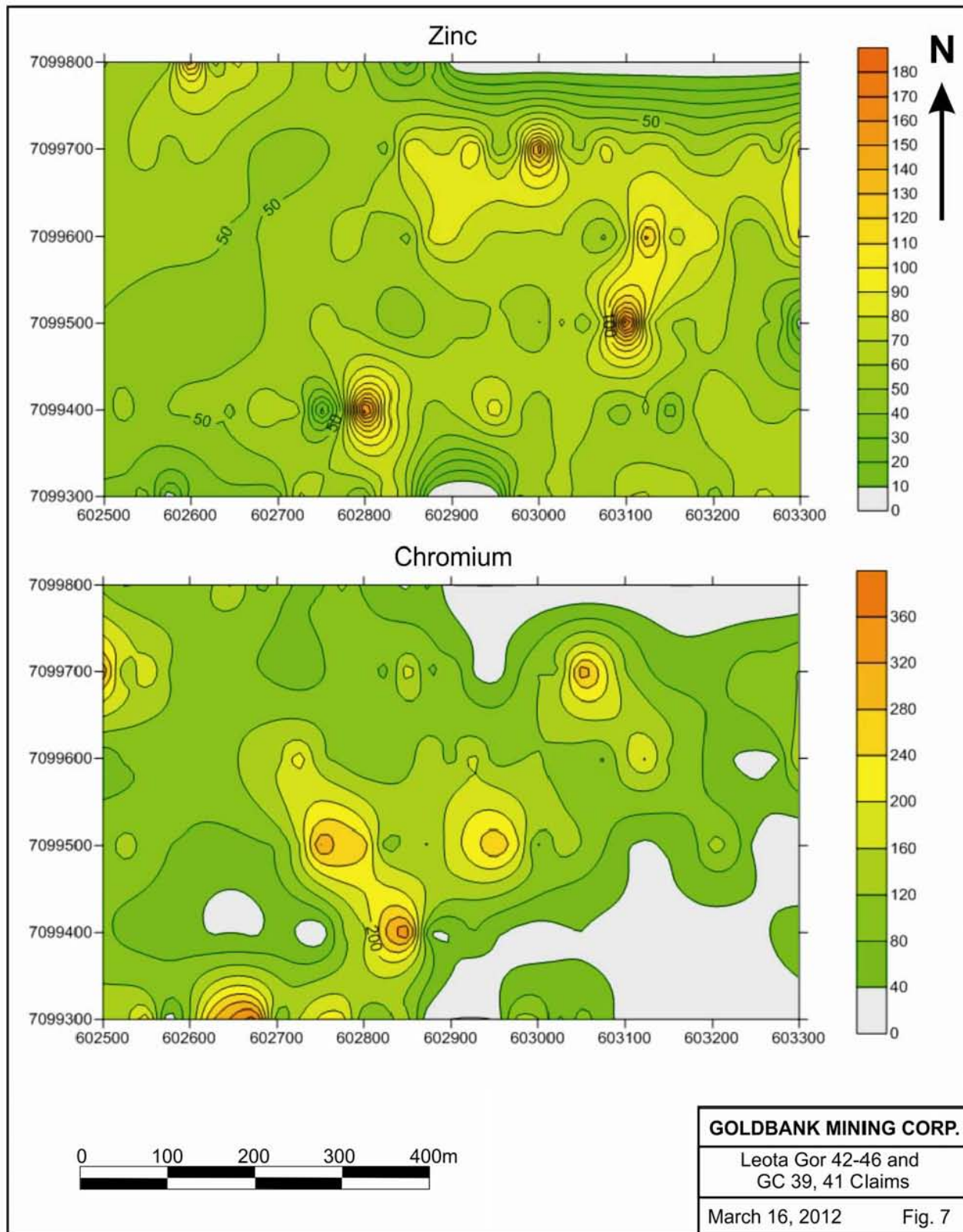
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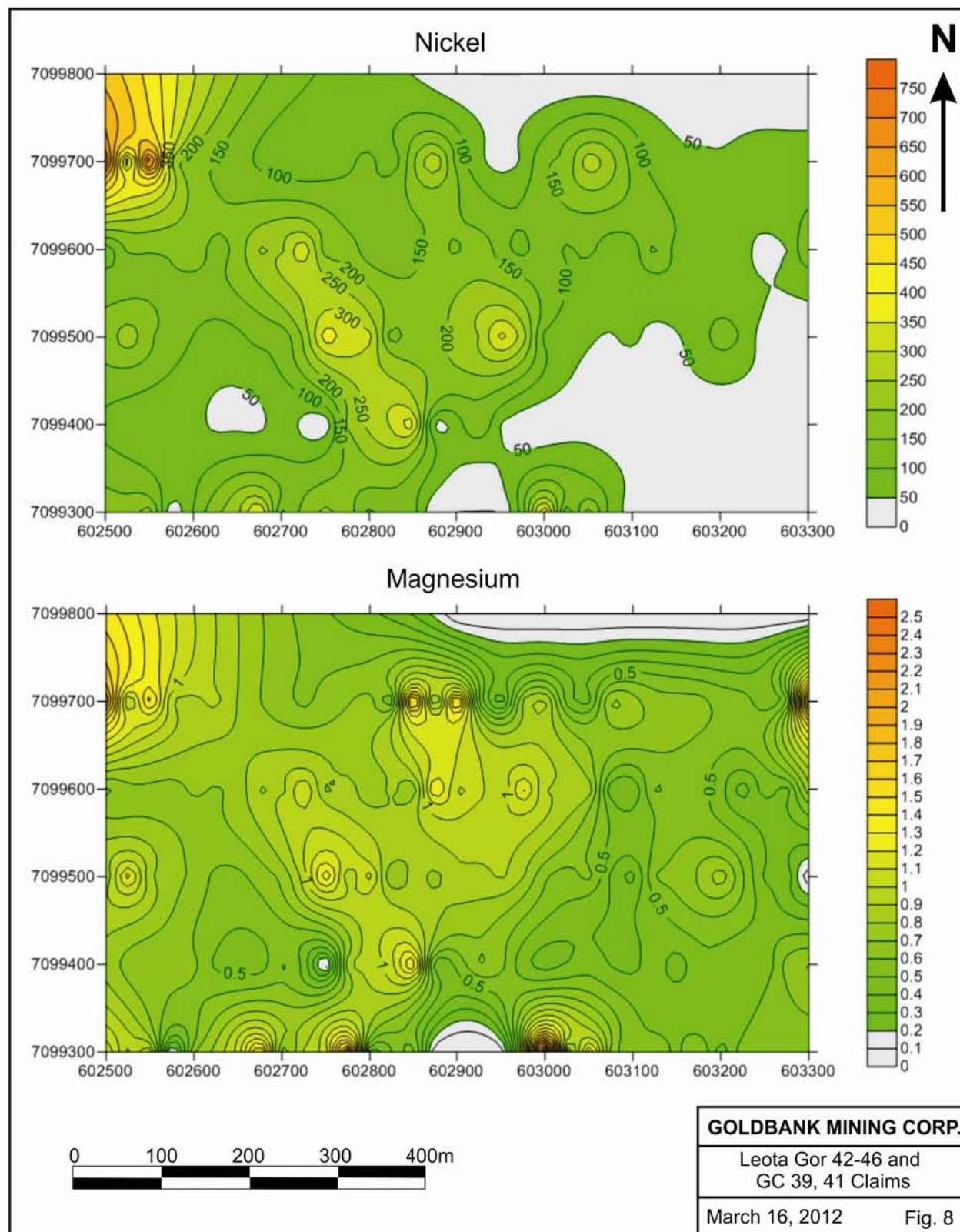


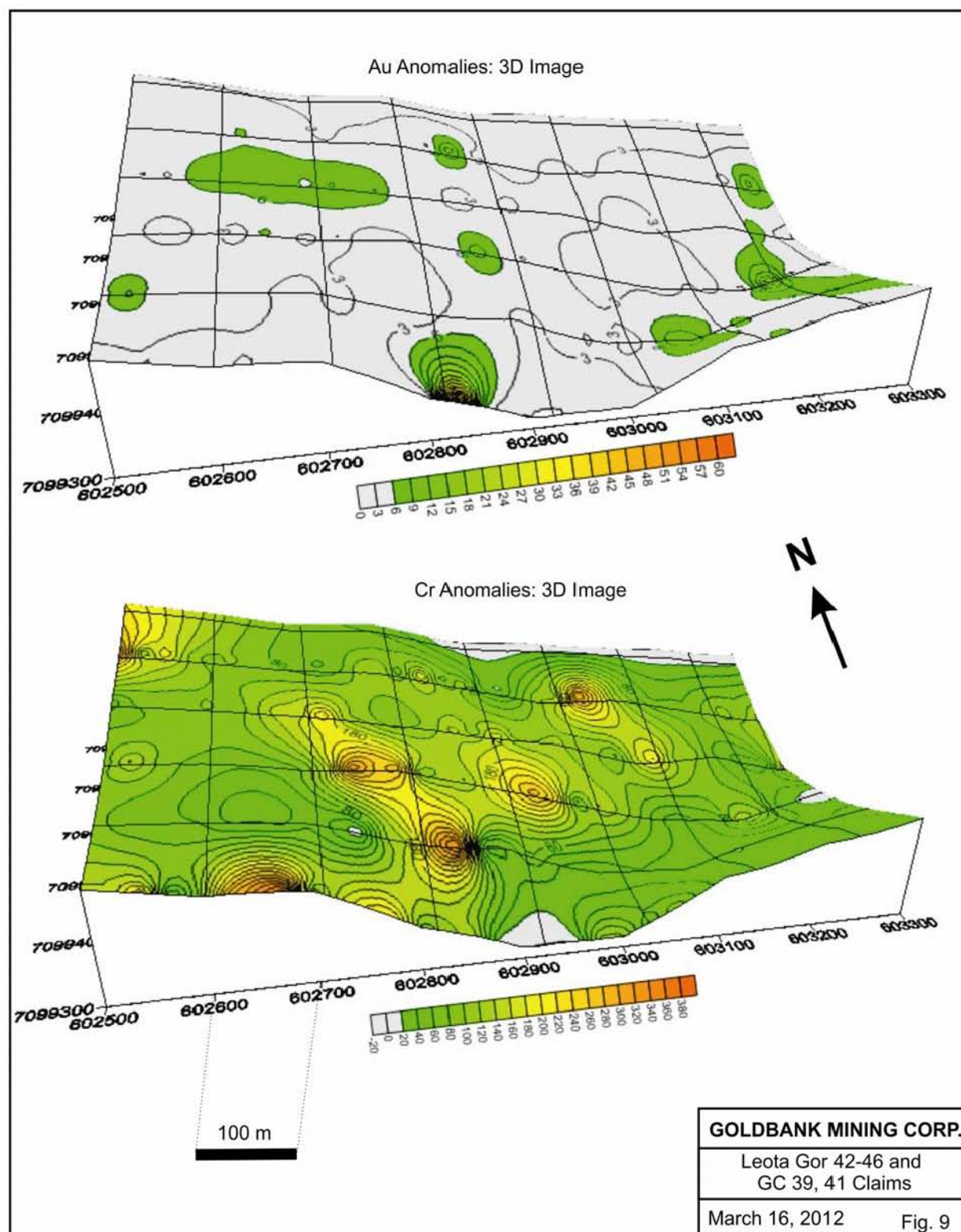


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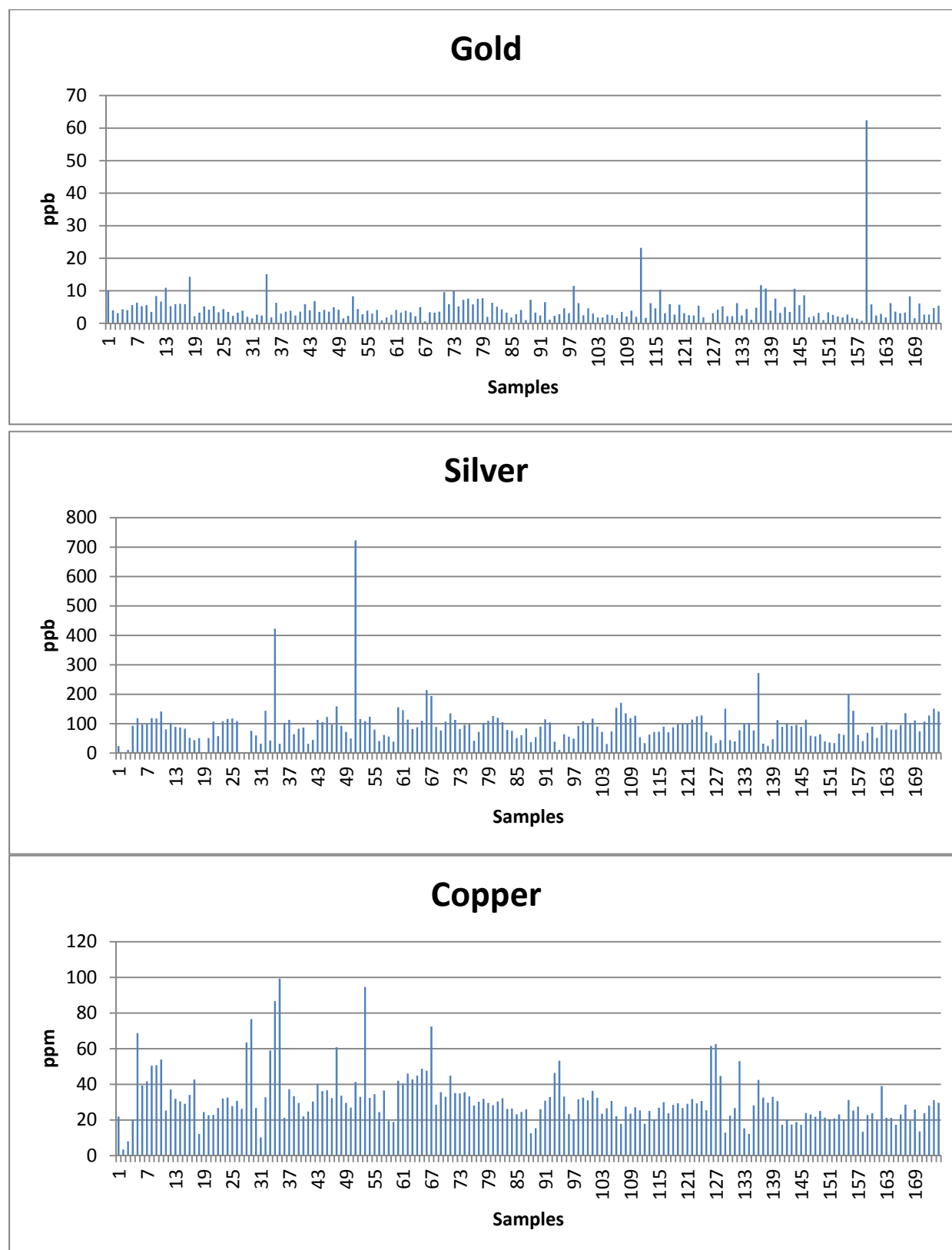


Fig. 10 a, b, c: Soil assays: histograms for gold, silver and copper

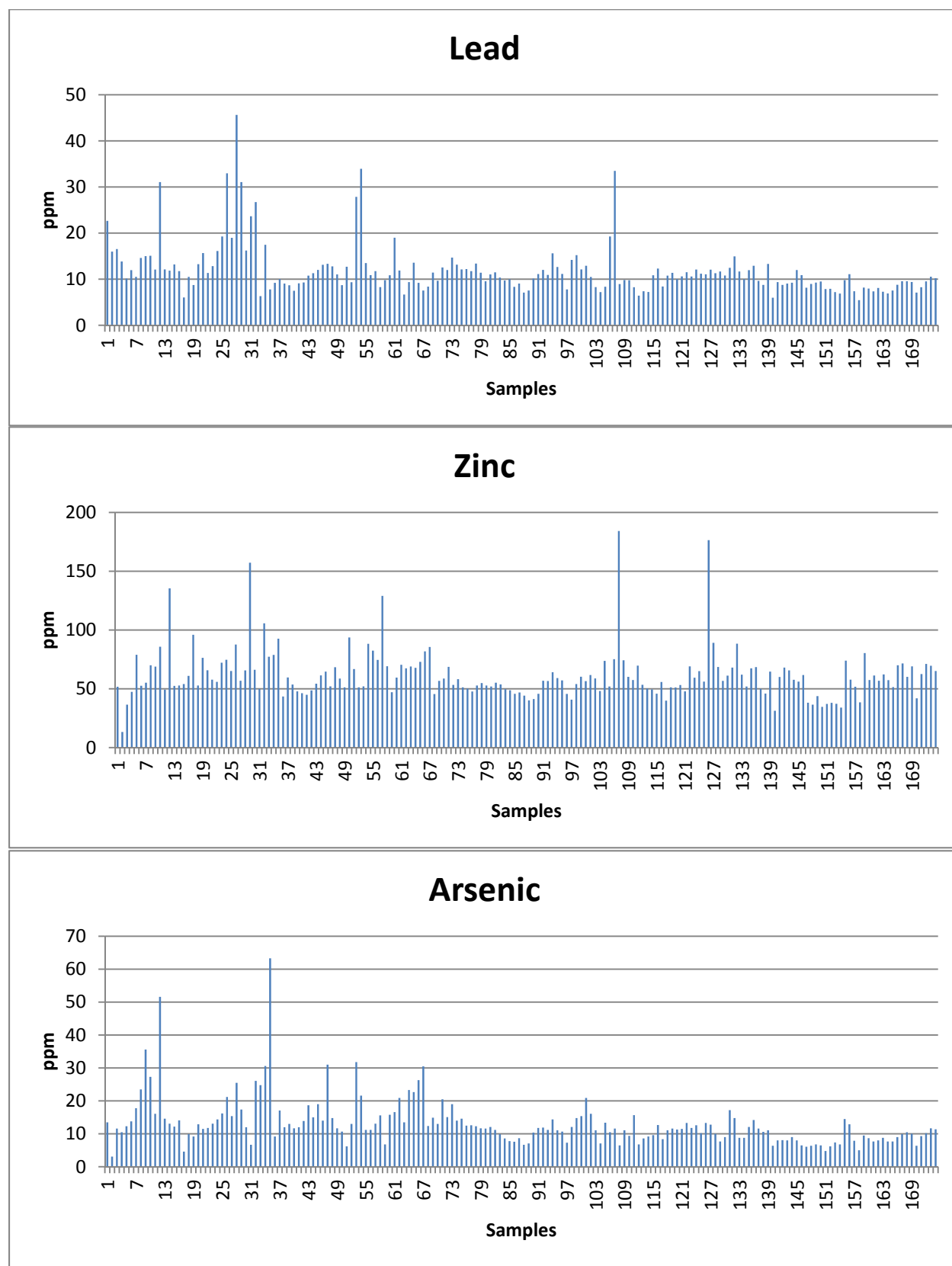


Fig. 11 a, b, c: Soil assays: diagrams for lead, zinc and arsenic.

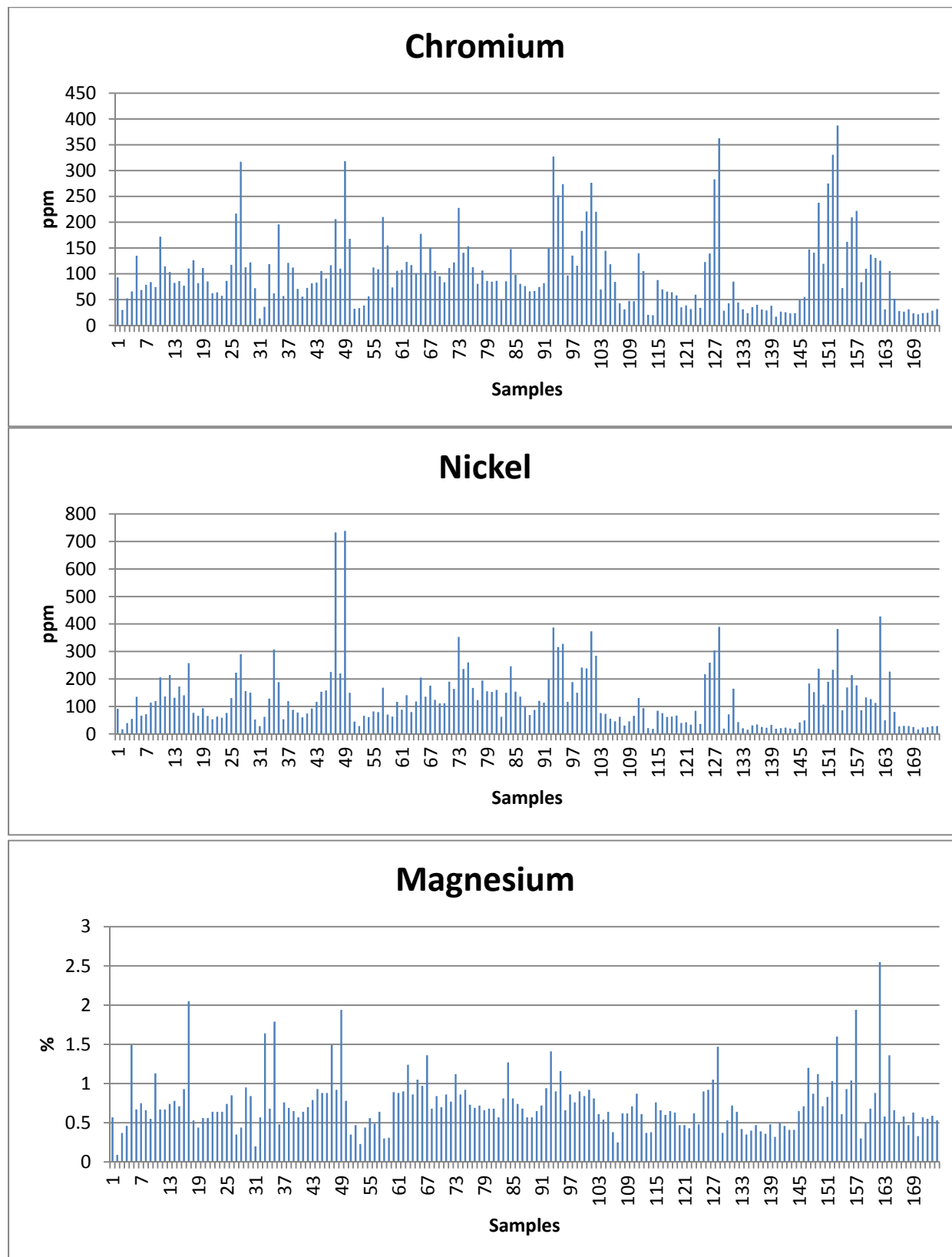


Fig. 12 a, b, c: Soil assays: diagrams for chromium, nickel and magnesium.

Rock samples from Gor/GC claims were collected from trenches, old dumps and outcrops. The material included mafic/ultramafics, greenstone, black schist and vein quartz float with various amounts of disseminated sulphides and/or iron oxide, barite and carbonate float with oxidic specks and malachite (?). None of the rock samples returned more than 6.3 ppb gold. The iron oxide rich float sample with barite from an old dump returned 1873 ppb silver and 737 ppm zinc.

A large greenstone outcrop occurs at E602943/N7099385 (Fig. 13). The greenstone is foliated, and the foliation planes strike 315° and dip 35° to 50° SW. The foliation planes are locally folded and crenulated (Fig. 14). The crenulation axes strike from 265° to 275° and dip gently from 5° to 12° to the west. A fold with amplitude about 15 cm and fold axis striking 282° and dipping about 10° west is shown in Fig. 15. The fold hinge and adjoining wings are lined up with siliceous-chloritic gouge and vein quartz with scarce sulphides. Brown iron oxidic patches and infiltrations



Fig. 13: Greenstone outcrop, Gor/GC claims (602943/7099385). Hammer (centre left) for scale.

after sulphides occur locally. A fault and joint system cuts across greenstone at 285°/80° NE. A shear filled with Fe oxides about 15 to 20 cm wide strikes 285° and dips 60° NE. Samples 1035818 and 1035820 were taken from the shear zone and from a nearby lense made up of white carbonate and quartz with scarce sulphides and oxidic patches and green infiltrations (malachite ?). The samples assayed anomalous but not ore-grade copper and silver values (Appendix II, III).



Fig.14: Crenulated greenstone at Gor/GC claims (602943/7099385).

Greenstone at Gor/GC claims is probably part of the Slide Mountain Terrane (SMT), as referred to by MacKenzie et al (2008). SMT also includes serpentinite lenses and together these rocks were emplaced in the Jurassic times as a series of kilometer-scale, stacked thrust slices that are locally separated by additional ultramafic slices. Folding and crenulations probably correspond to post-metamorphic, compressional structures related to thrusting and their intensity increases toward the thrust faults, as described by MacKenzie et al (2008).



Fig. 15: A fold in greenstone, outcrop at Gor/GC claims (602943/7099385); amplitude ~ 15 cm.

The assay results for gold, silver, base metals, arsenic, antimony, mercury, barium and for the elements typical for mafic/ultramafic rocks are displayed in histograms (Figs. 22 – 24 a, b, c). Correlation matrix for the rock assays is listed in the table below.

Table 4: Correlation matrix, rock assays

	Au	Ag	Cu	Pb	Zn	As	Cr	Ni	Mg	Hg
Au	1									
Ag	0.3075	1								
Cu	-0.0022	0.2208	1							
Pb	0.6821	0.0737	-0.1932	1						
Zn	0.1605	0.9733	0.1245	-0.0681	1					
As	-0.0808	0.9041	0.4013	-0.0432	0.8973	1				
Cr	-0.4831	-0.2316	-0.0825	-0.2471	-0.0689	-0.1056	1			
Ni	-0.5266	-0.0209	-0.1015	-0.3025	0.1599	0.0784	0.9648	1		
Mg	-0.6196	-0.3577	0.0844	-0.3496	-0.2082	-0.1757	0.9448	0.8929	1	
Hg	0.1985	0.9745	0.0939	0.0112	0.9933	0.9004	-10664	0.1263	-0.2415	1

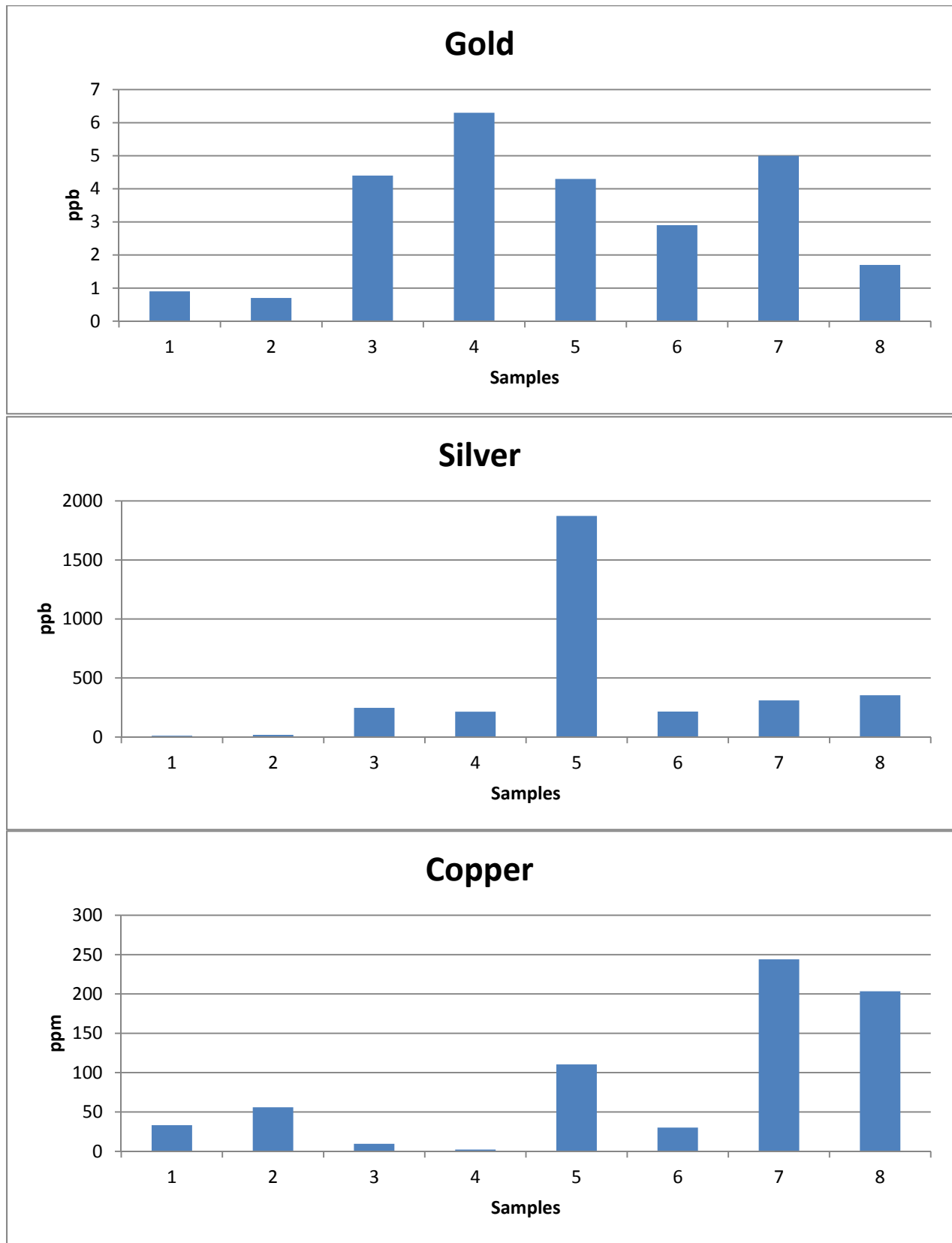


Fig. 16 a, b, c: Rock Assays; Histograms for gold, silver and copper

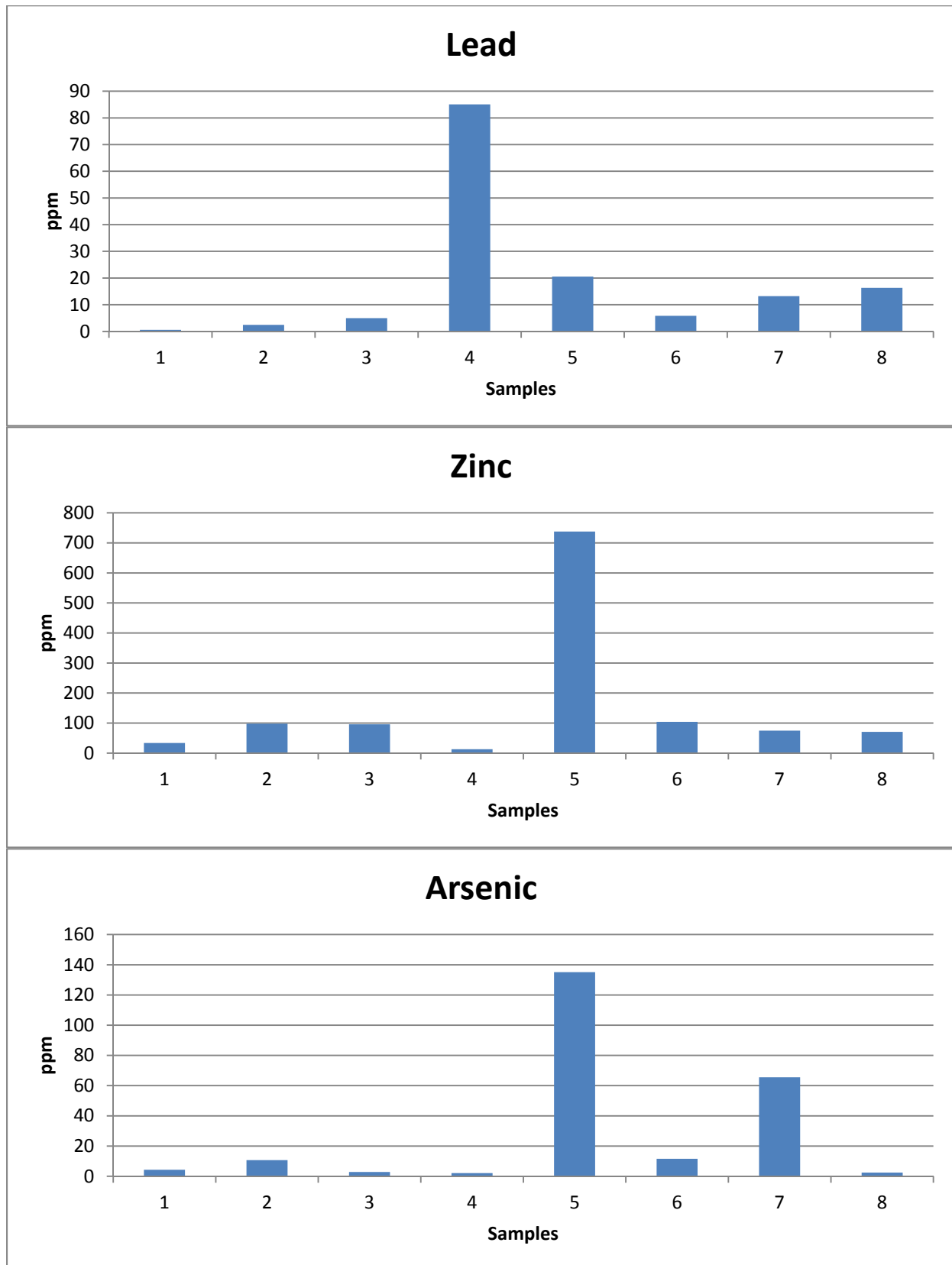


Fig. 17 a, b, c: Rock Assays; Histograms for lead, zinc and arsenic.

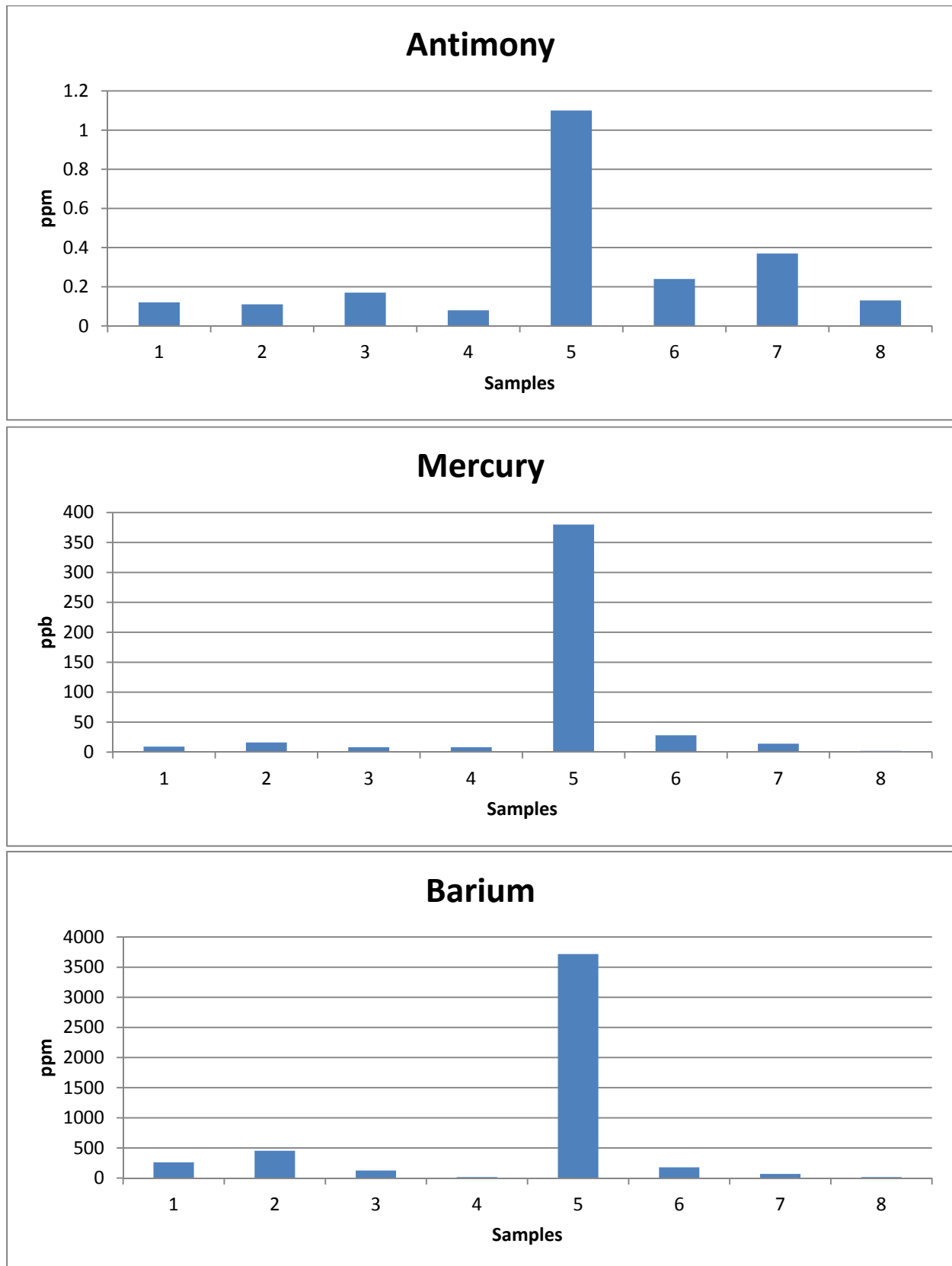


Fig. 18 a, b, c: Rock Assays; Histograms for antimony, mercury and barium.

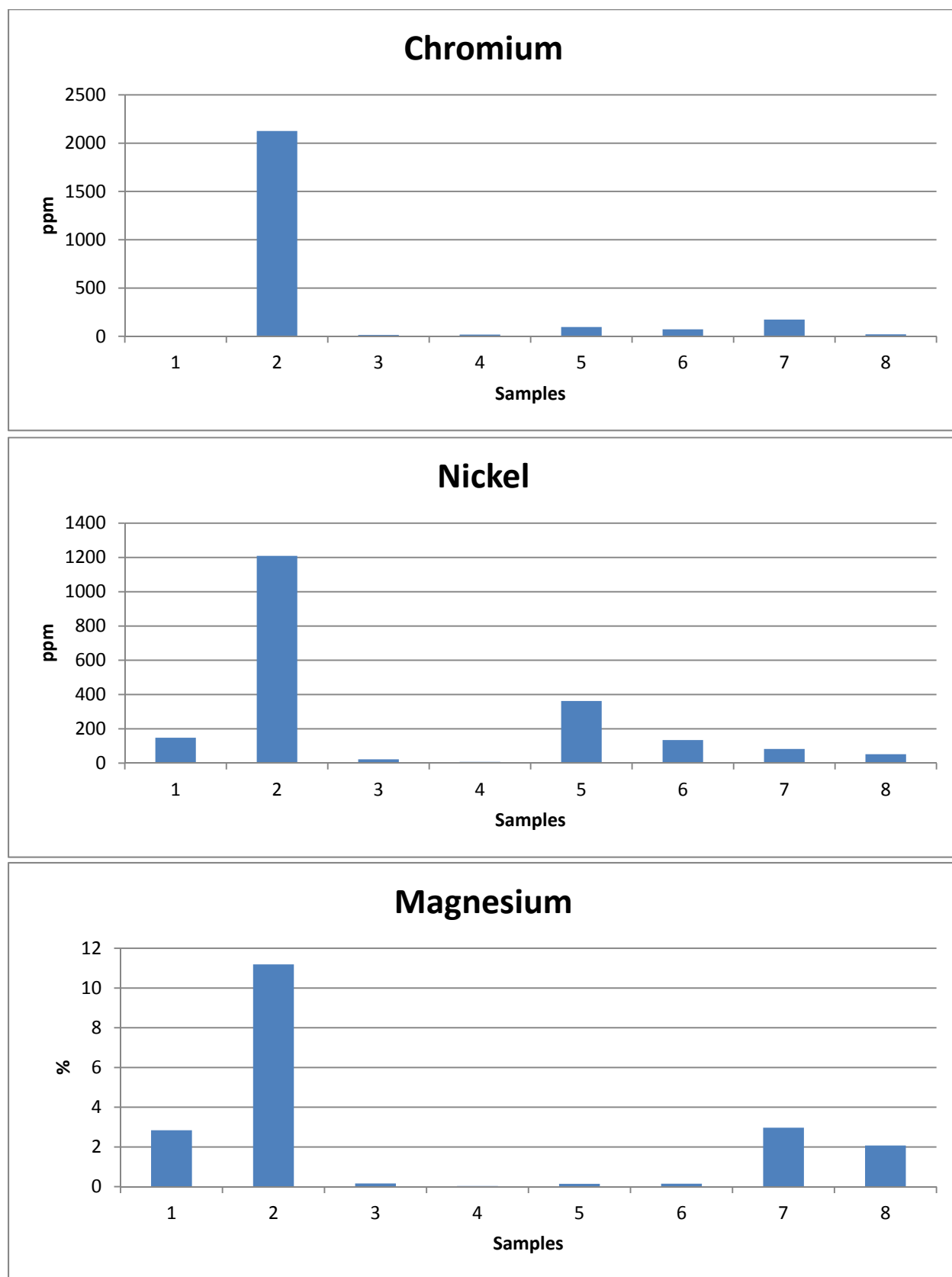


Fig. 19 a, b, c: Rock Assays; Histograms for chromium, nickel and magnesium.

6.1. Quality Assurance

The check-up assay results for the original vs repeat assays for gold, silver, arsenic, copper, lead, zinc, chromium, nickel and magnesium in soils are shown in the graphs in Figs. 20 to 28 and the analyses of DS8 standard are displayed in Figs. 29 to 31. The following correlation coefficients were obtained:

Table 5: Correlation coefficients for original vs repeat assays

Au	Ag	As	Cu	Pb	Zn	Cr	Ni	Mg
-0.37205	0.946111	0.995982	0.981554	0.983396	0.991009	0.994551	0.996777	0.976013

While the correlation coefficients for base metals, arsenic, chromium, nickel and magnesium are very high indicating good reproducibility of the assays, the correlation coefficient for gold is negative indicating strong nugget effect. It appears that the preparation process (code SS80) is not good enough for achieving good homogeneity of the pulps for the gold assay. Similar nugget effects were observed in the assays from the Minnie Bell area (Molak, 2012). This problem should be addressed in the future.

As shown in Figs. 29 a, b, c to 31 a, b, c, most assays for standard DS8 for gold, silver, arsenic, copper, lead, zinc, chromium, nickel and magnesium fall within ± 1 standard deviation, while a few assays fall within ± 2 standard deviations and one assay for gold and one for silver exceed ± 2 standard deviations. The blanks assayed with the group of samples from the Gor/GC claims fall all below detection limit.

In conclusion we can state that the accuracy and reproducibility of the soil sample assays for gold made by AcmeLabs for this survey are not reproducible and appear to suffer from nugget effect. The assays for all other elements are reproducible and meet the industry standards. Poor reproducibility is probably due to preparation process, particularly homogenization, which should be modified to eliminate nugget effects.

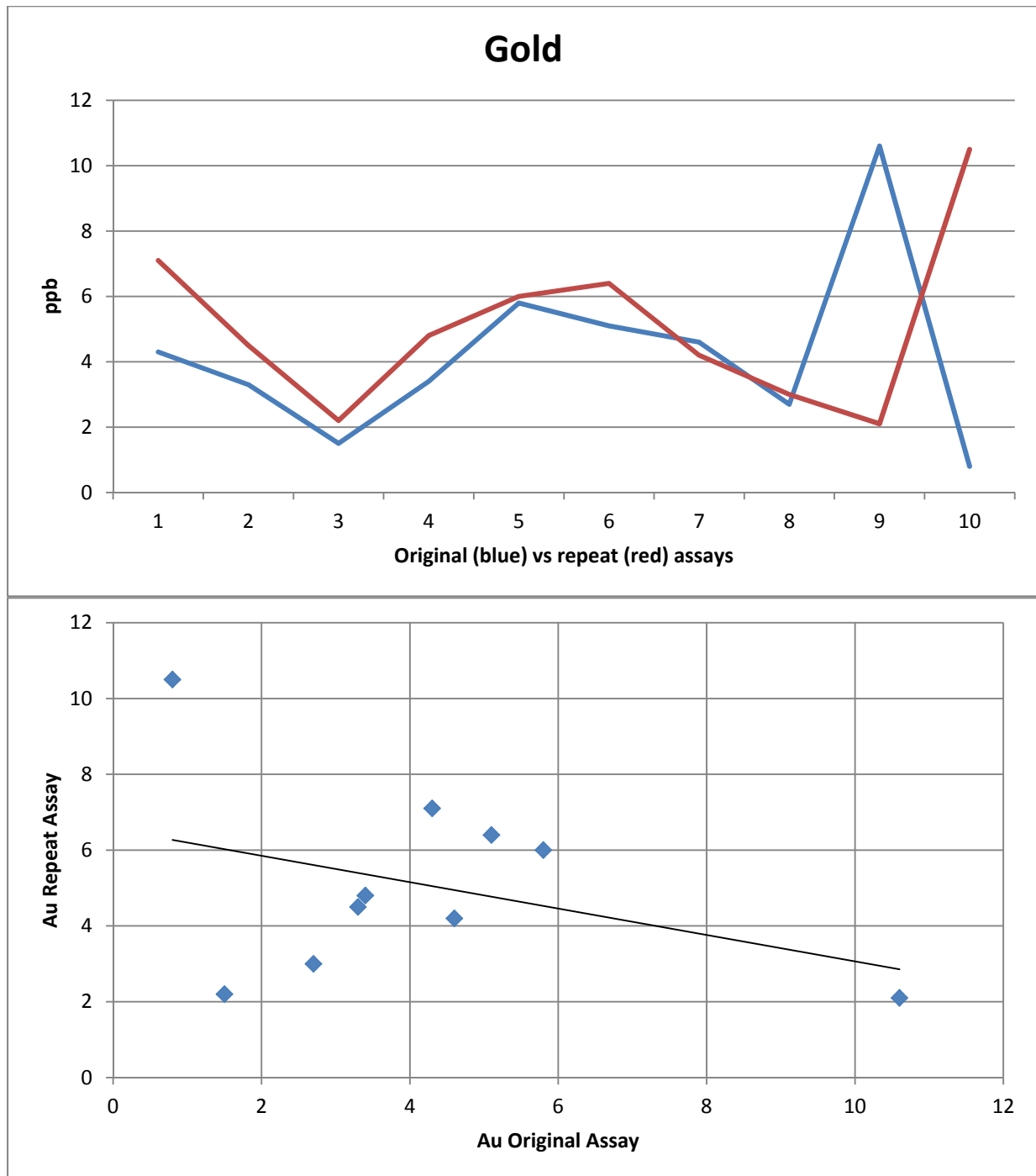


Fig. 20 a, b: Comparison of originals vs repeats for gold. Correlation coefficient -0.37205

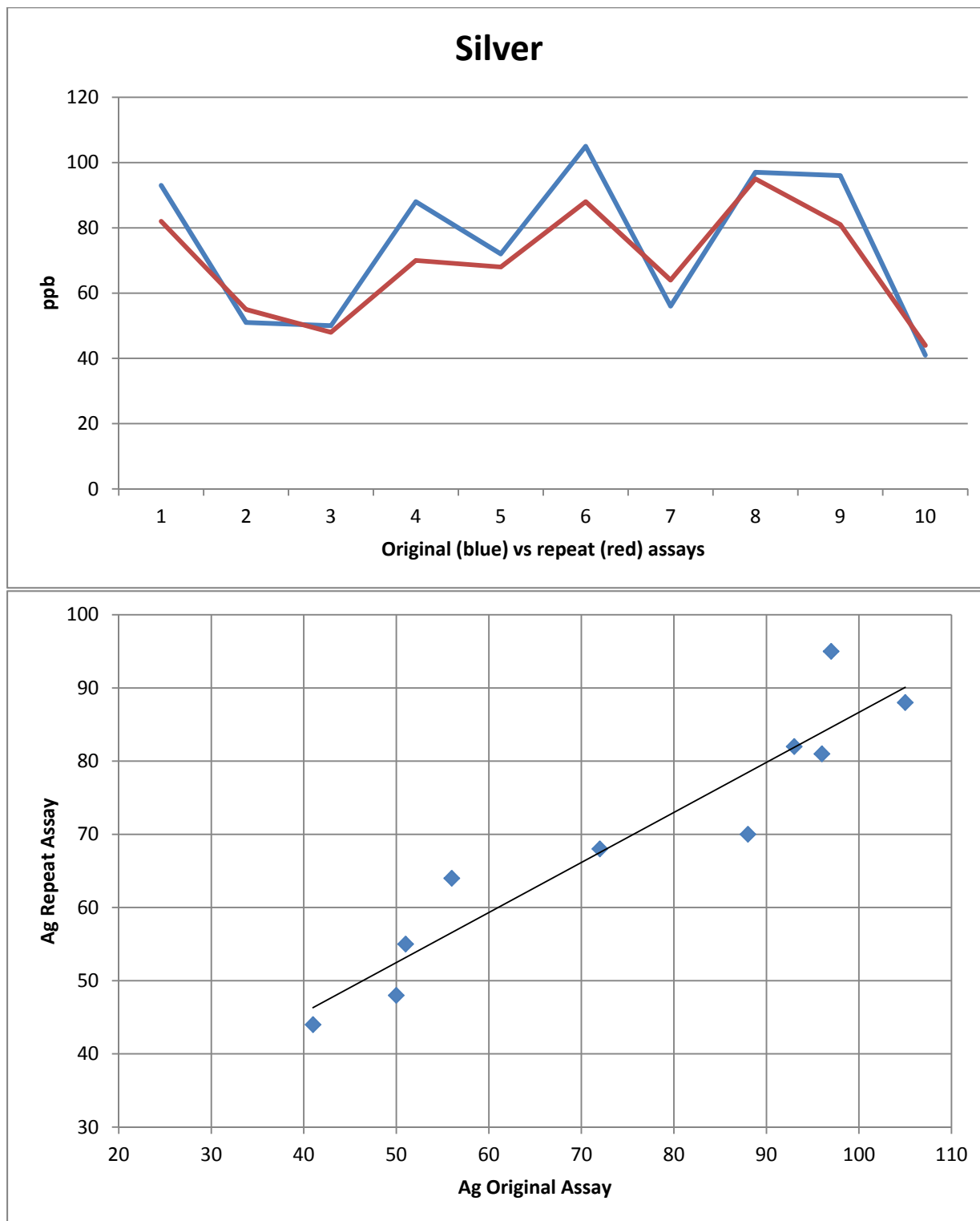


Fig. 21 a, b: Comparison of originals vs repeats for silver. Correlation coefficient 0.946111.

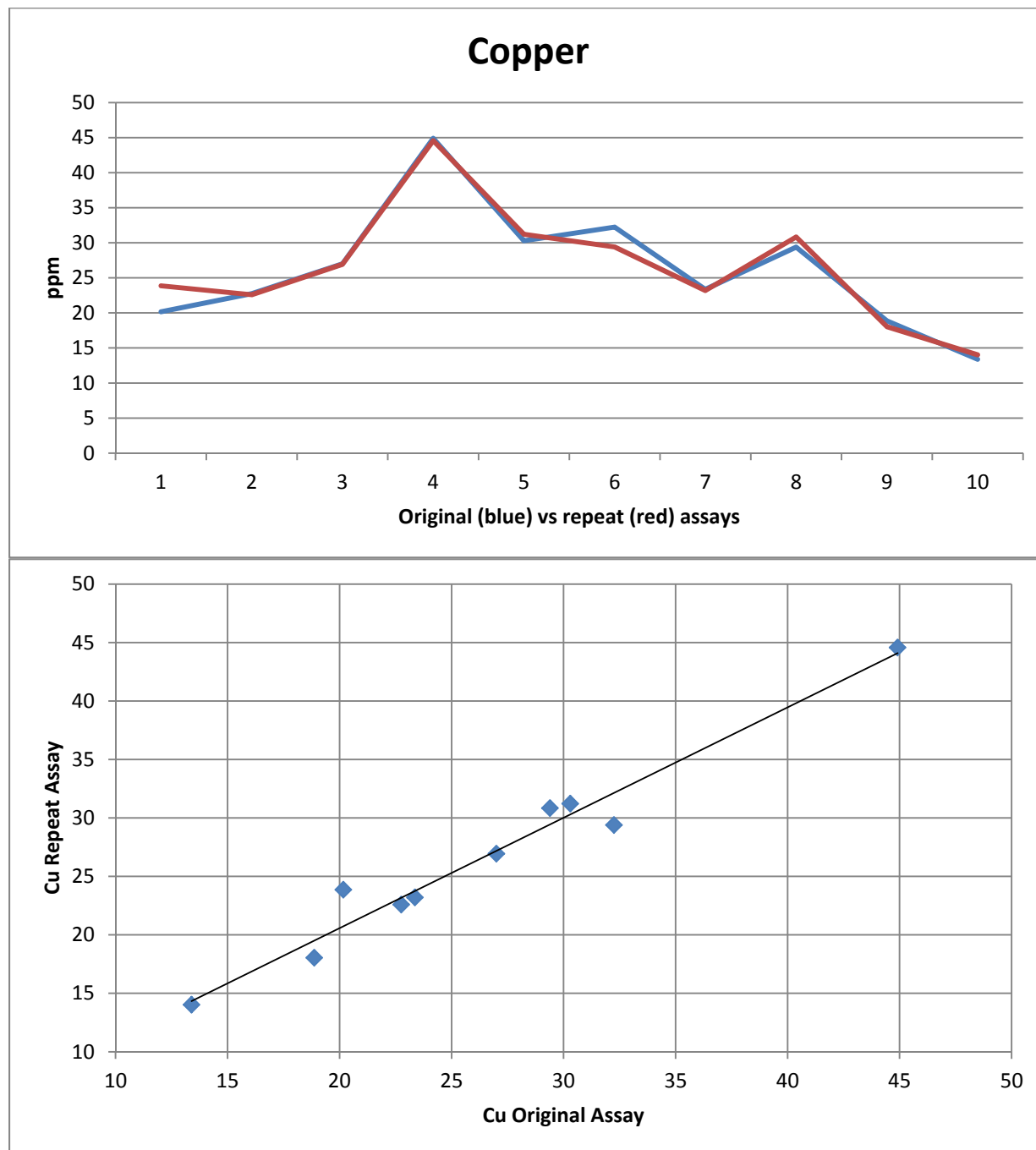


Fig. 22 a, b: Comparison of originals vs repeats for copper. Correlation coefficient 0.981554.

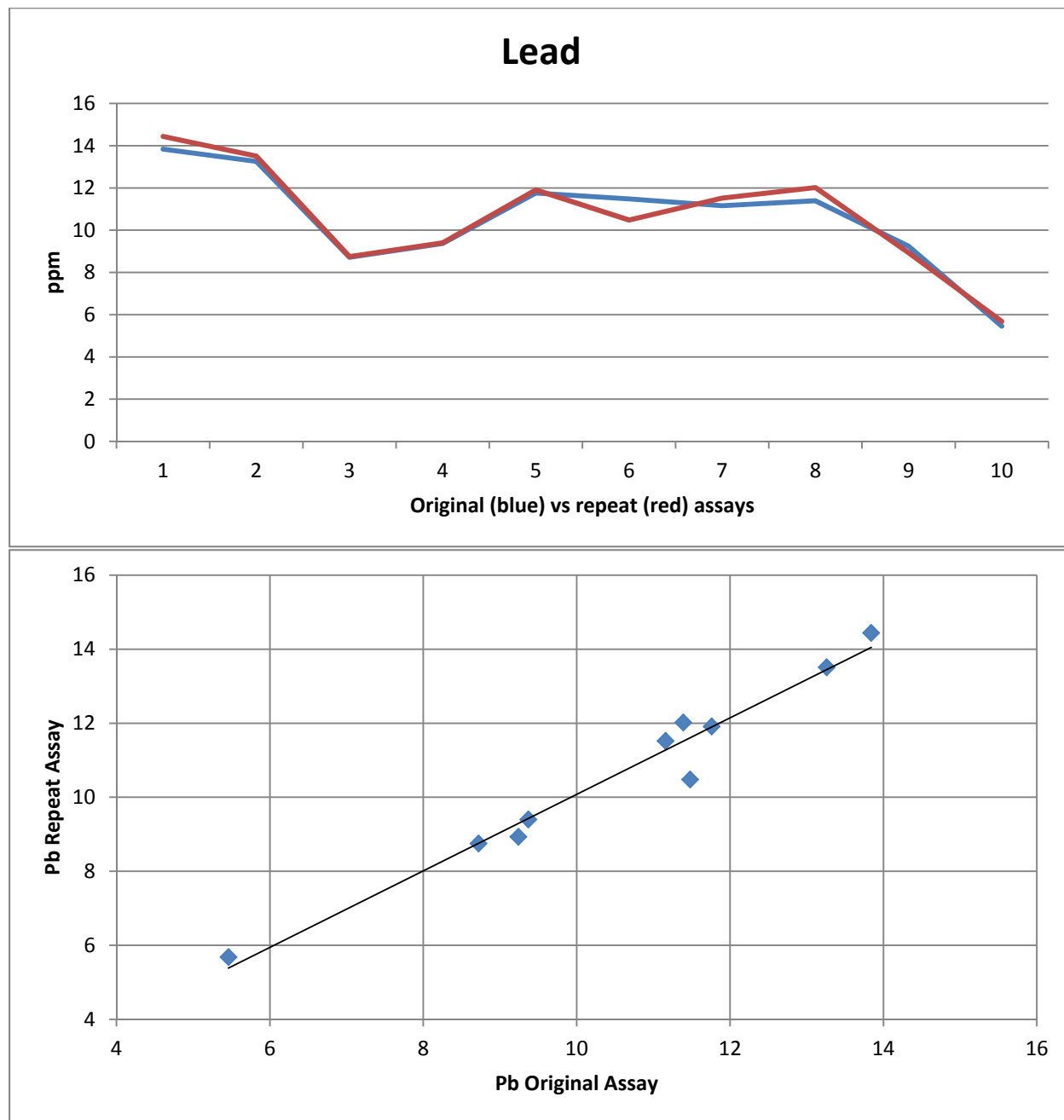


Fig. 23 a, b: Comparison of originals vs repeats for lead. Correlation coefficient 0.983396.

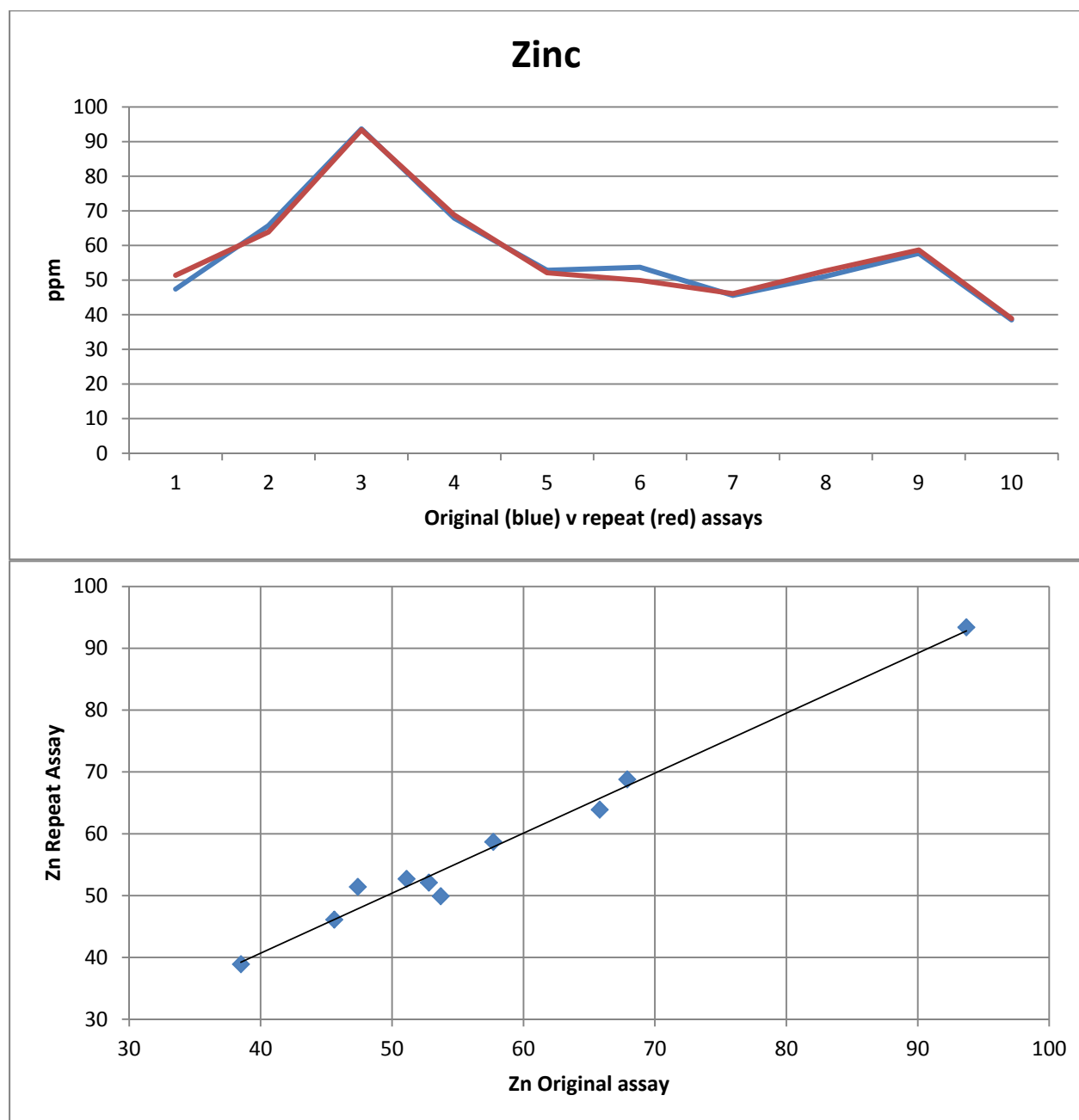


Fig. 24 a, b: Comparison of originals vs repeats for zinc. Correlation coefficient 0.991009.

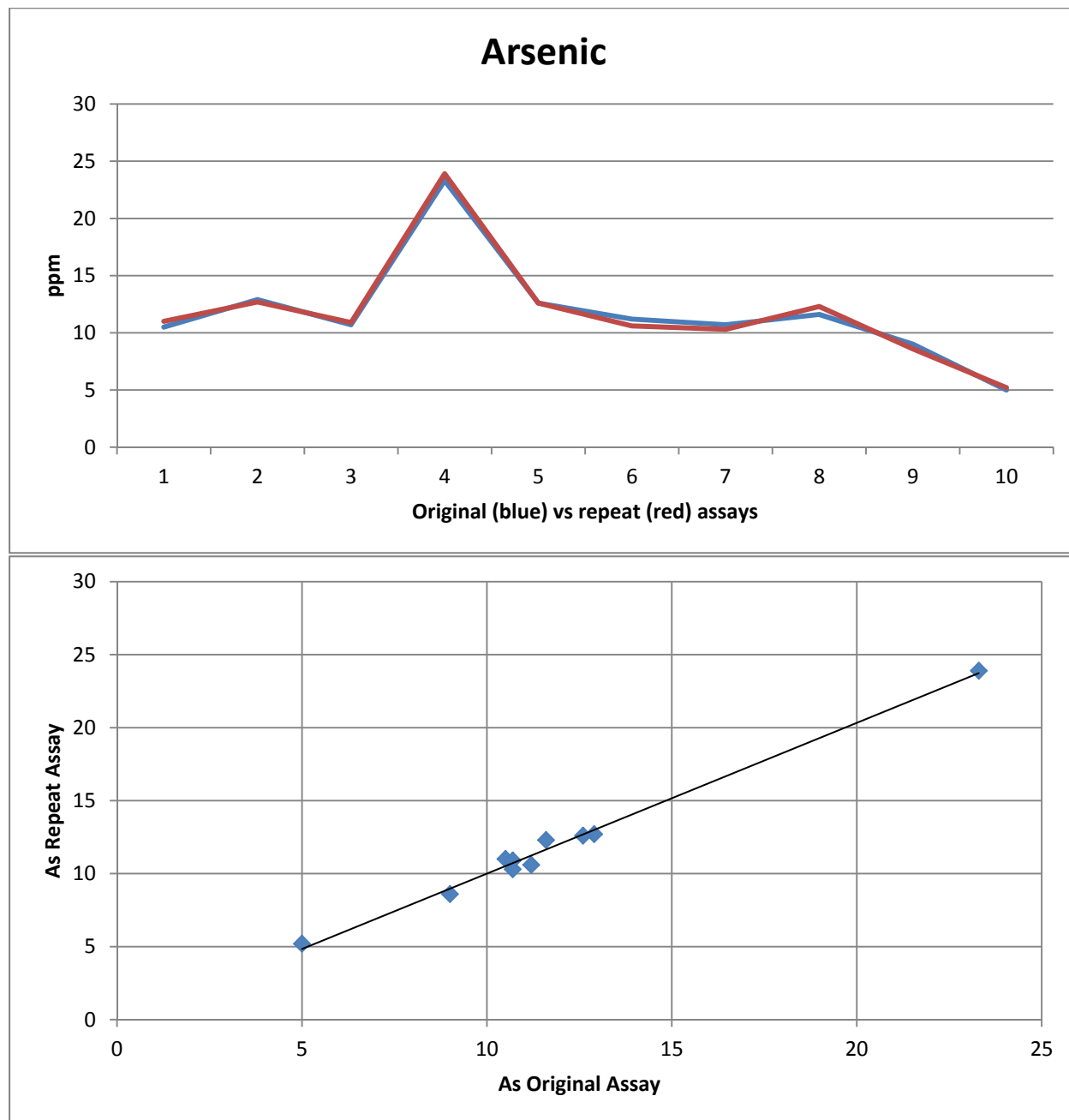


Fig. 25 a, b: Comparison originals vs repeats for arsenic. Correlation coefficient 0.995982.

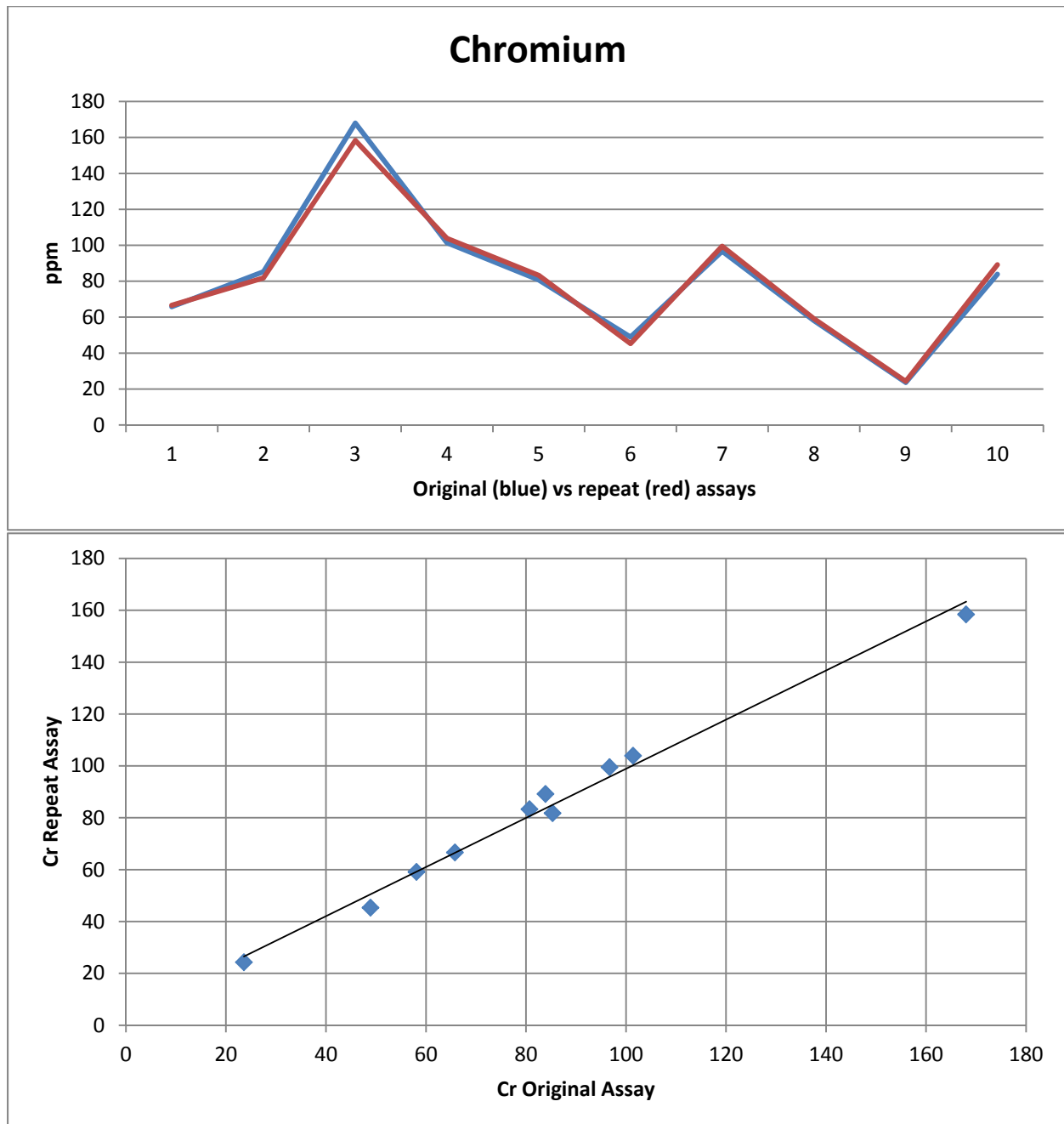


Fig. 26 a, b: Comparison originals vs repeats for chromium. Correlation coefficient 0.994551.

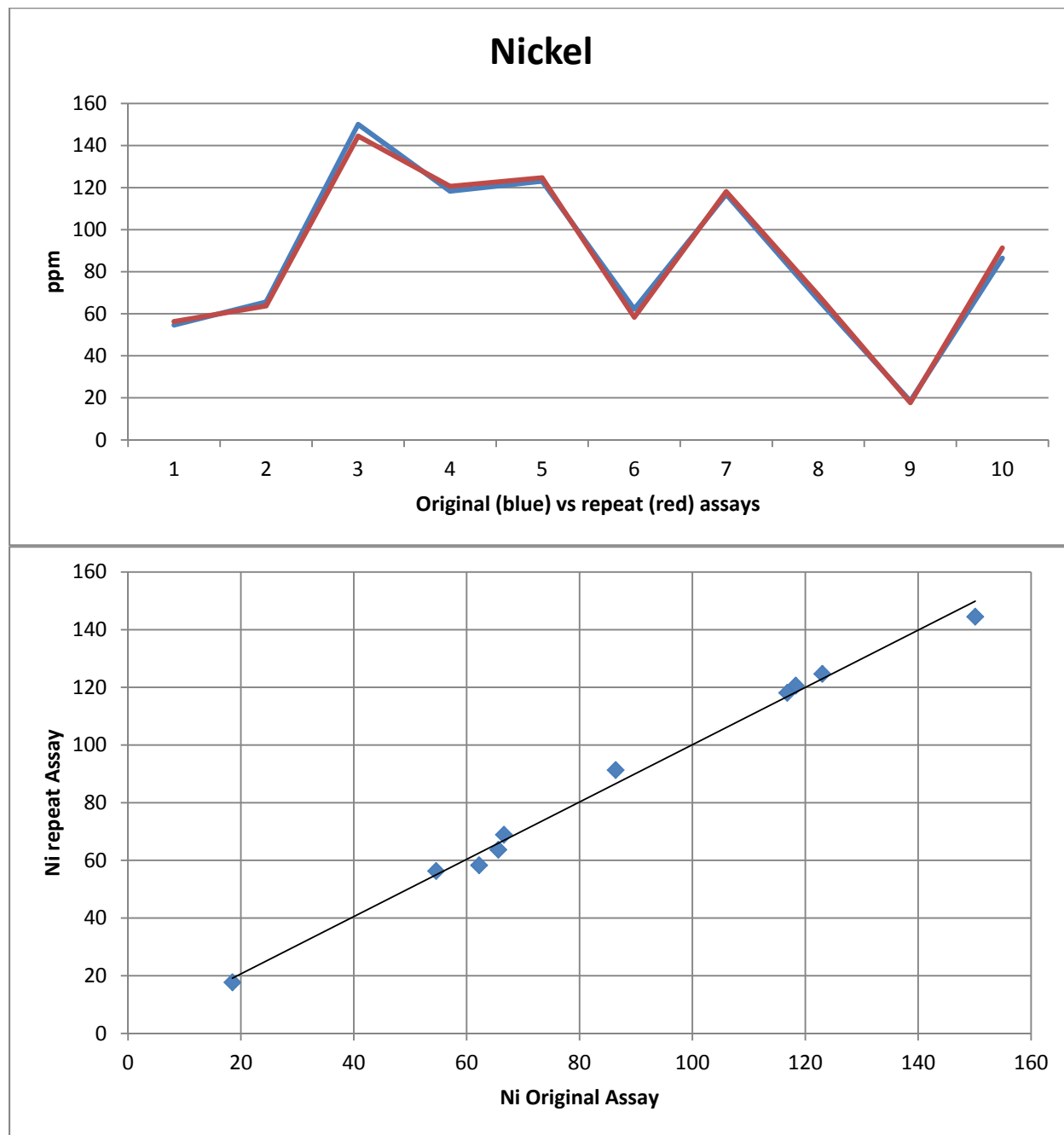


Fig. 27 a, b: Comparison originals vs repeats for nickel. Correlation coefficient 0.996777.

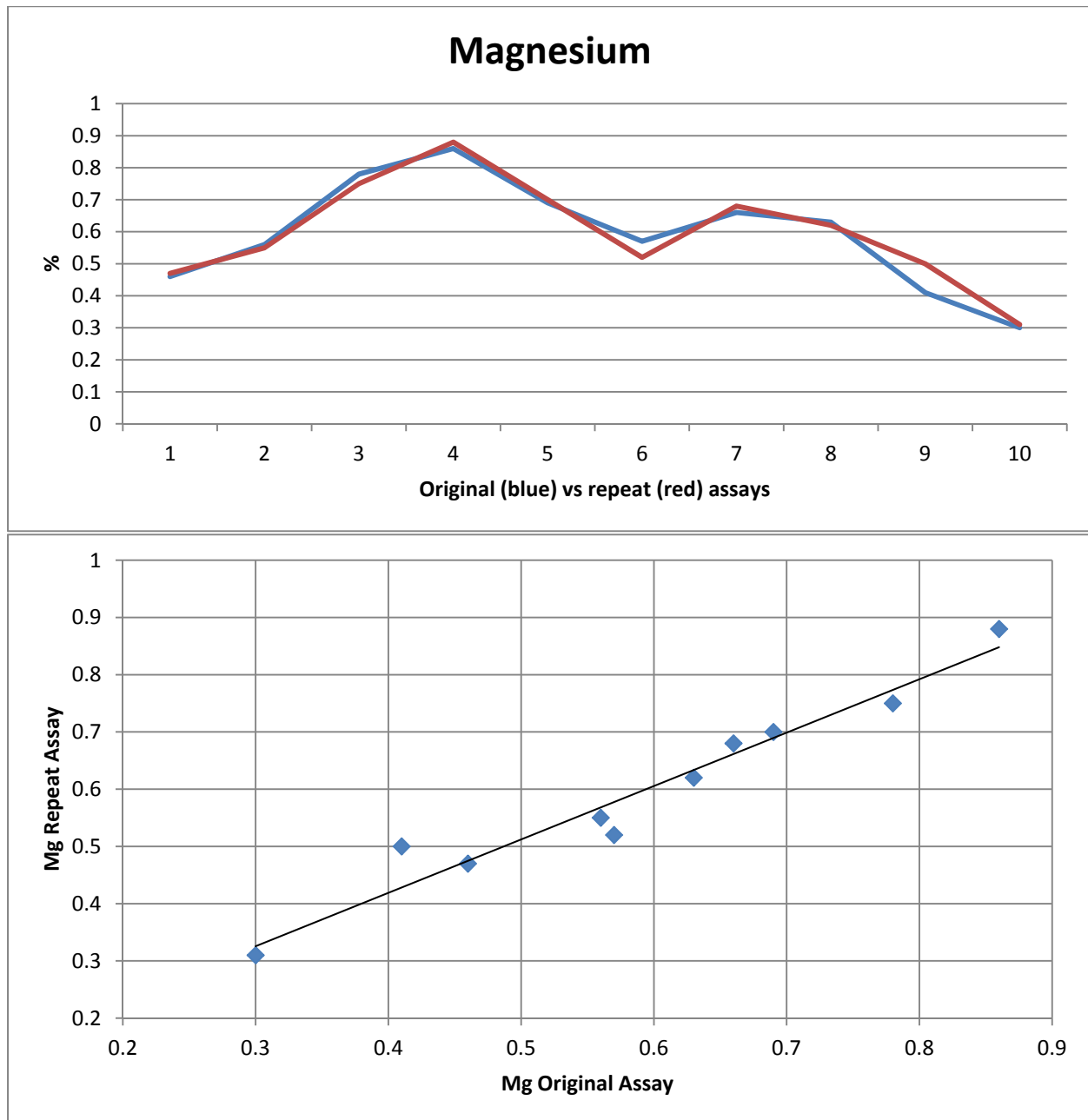


Fig. 28 a, b: Comparison of originals vs repeats for magnesium. Correlation coefficient 0.976013.

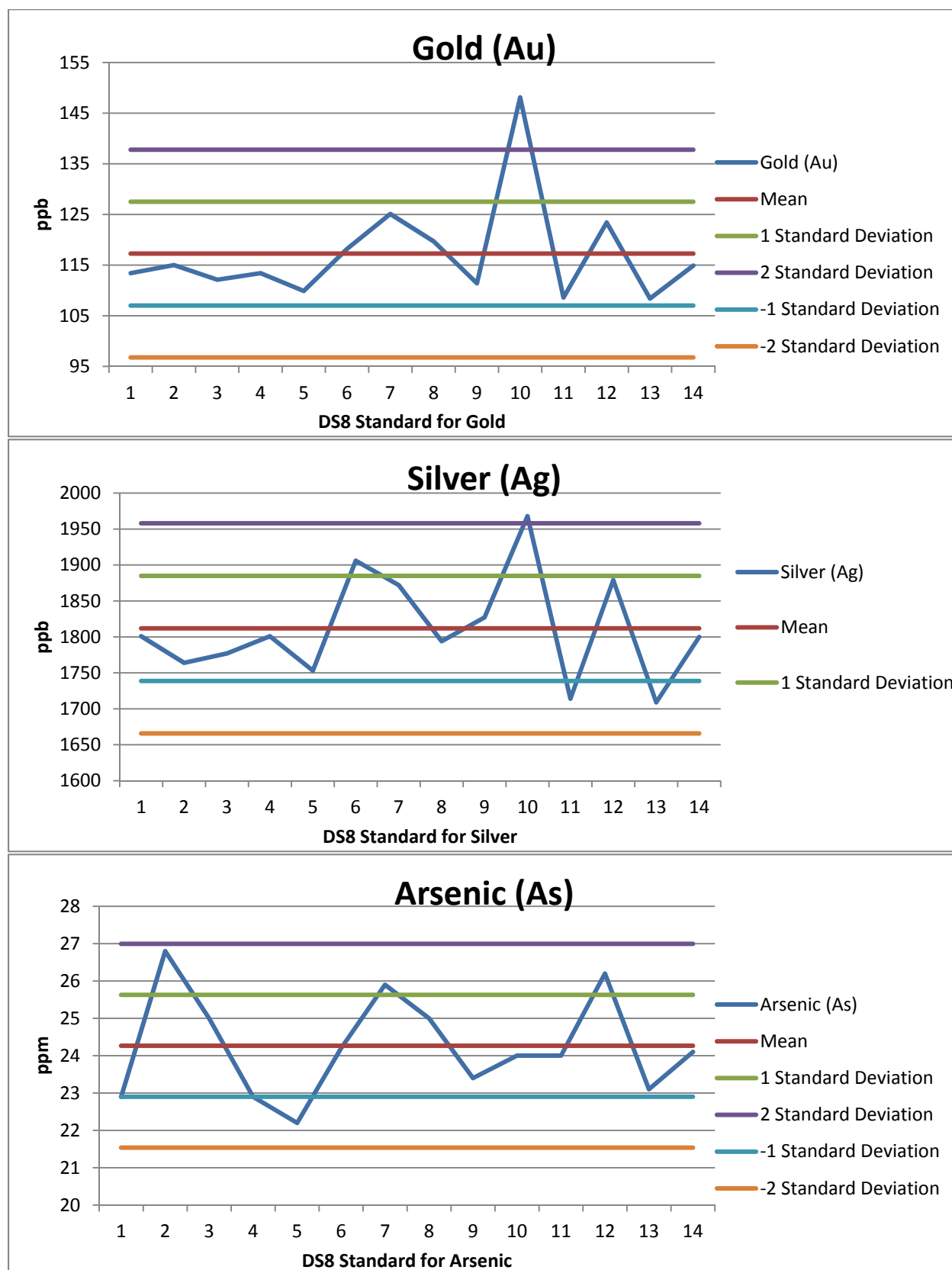


Fig. 29 a, b, c: DS8 standard for gold, silver and arsenic.

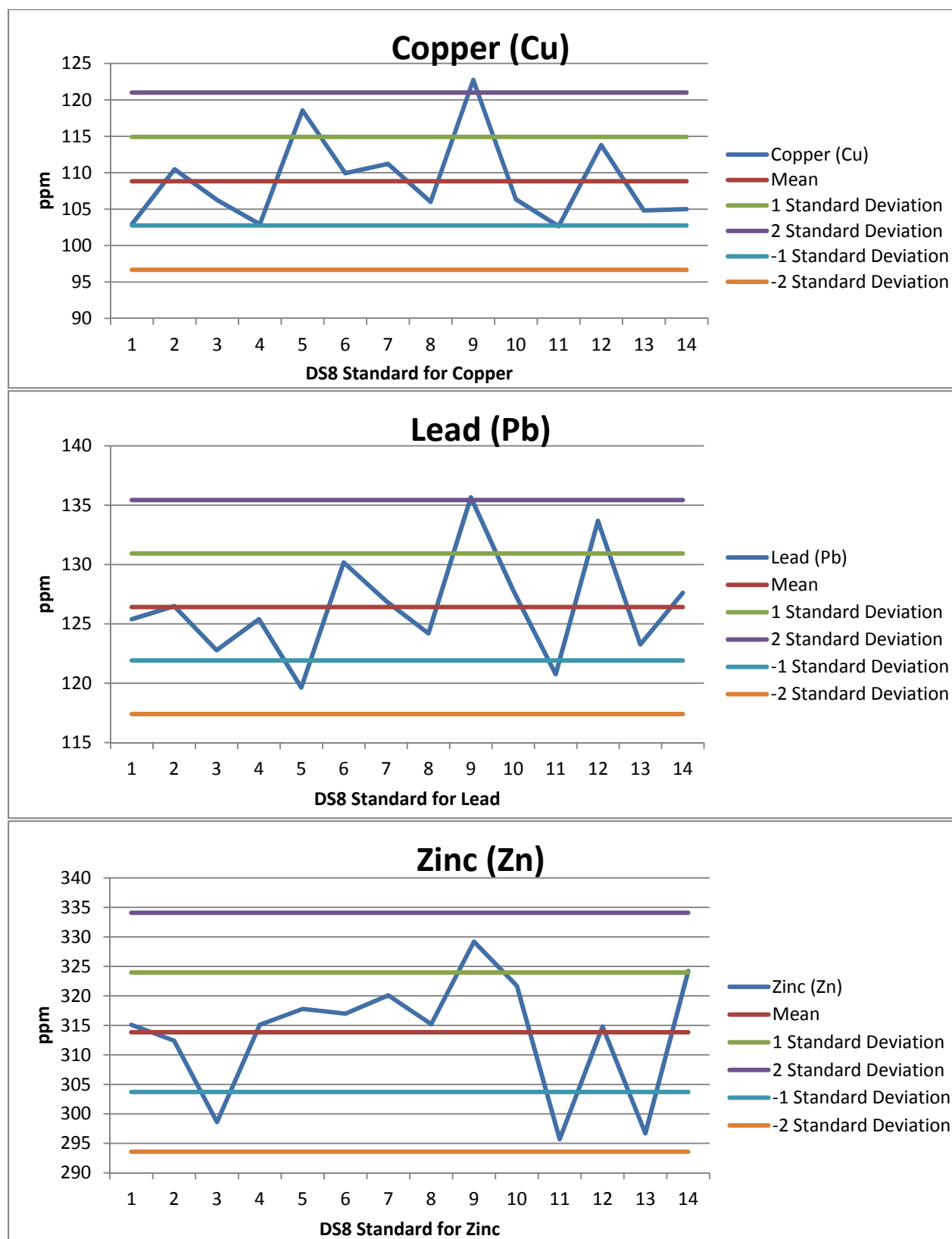


Fig. 30 a, b, c: DS8 standard for copper, lead and zinc.

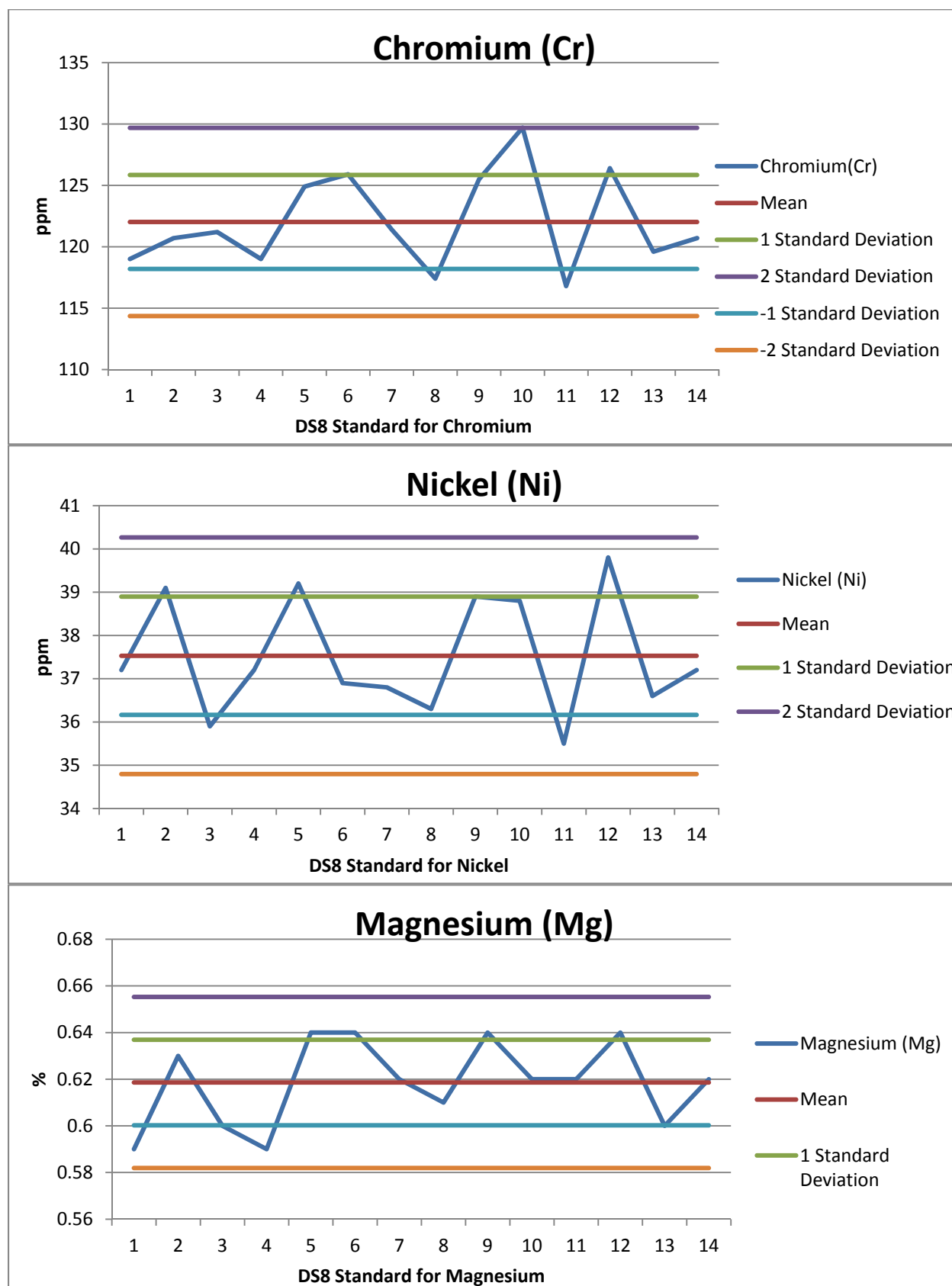


Fig. 31 a, b, c: DS8 standard for chromium, nickel and magnesium.

The QA for eight rock assays includes one repeat (sample 1035812) and one DS8 standard measurement. The results are shown in graphs Figs 32 - 35. As shown the repeats for gold and in part for silver appear to be affected by nugget effects. The repeat for gold gave only 22.2 % of its original value and the repeat for silver gave 63.6 % of the original value. The repeats for other elements including copper, lead, zinc, arsenic, chromium, nickel and magnesium are compatible with their originals (Figs. 32, 33).

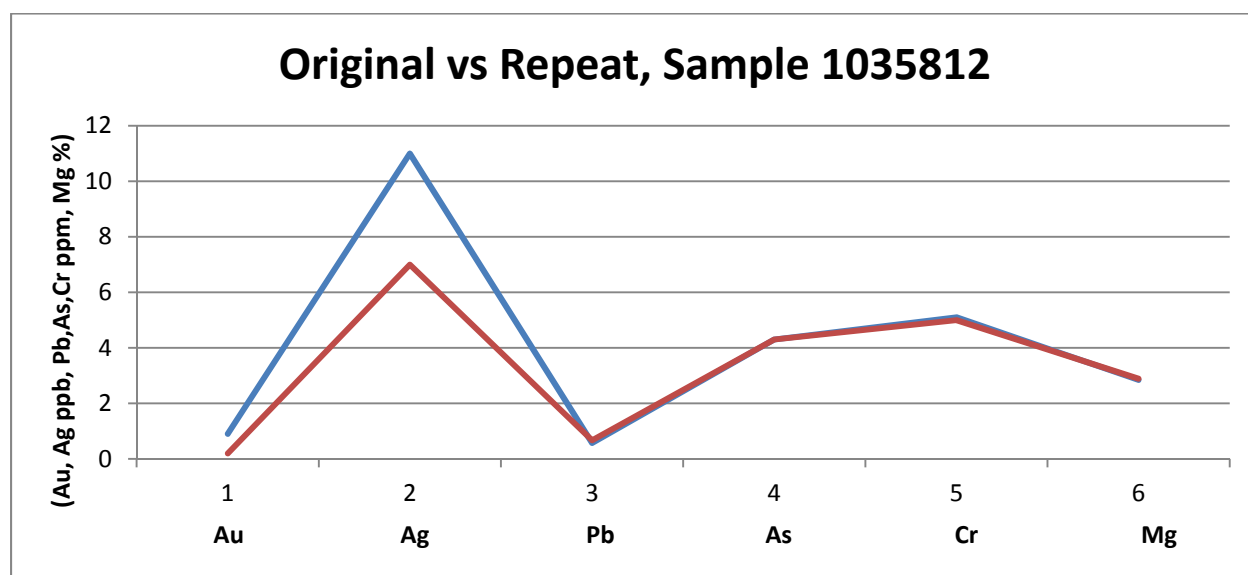


Fig. 32: Original vs repeat assays for gold, silver, lead, arsenic, chromium and magnesium.

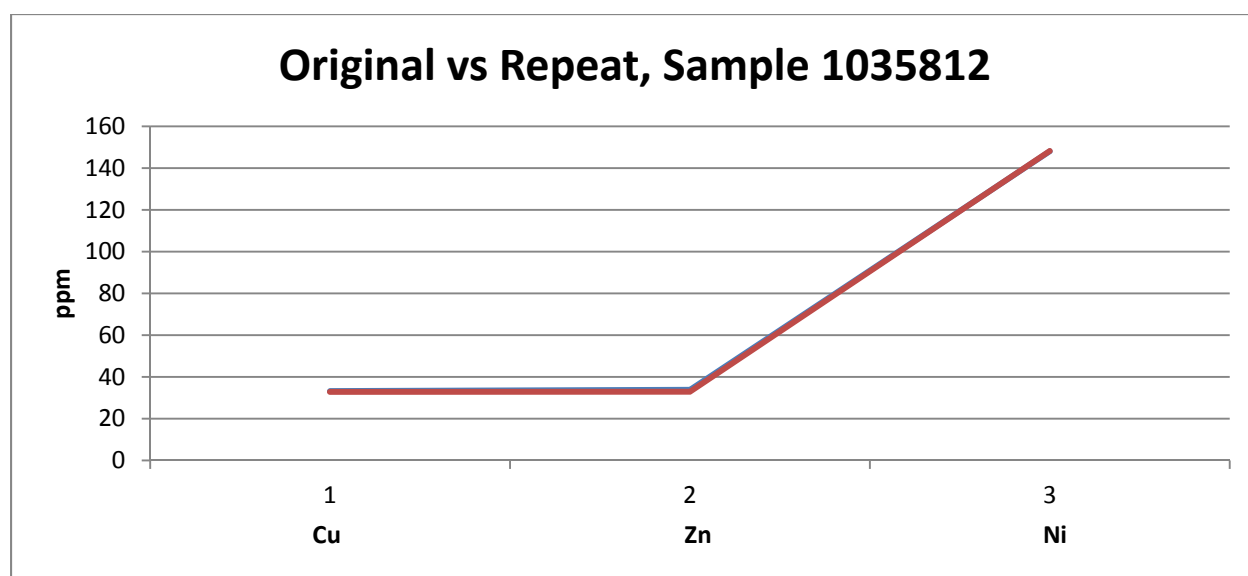


Fig. 33: Original vs repeat for copper, zinc and nickel.

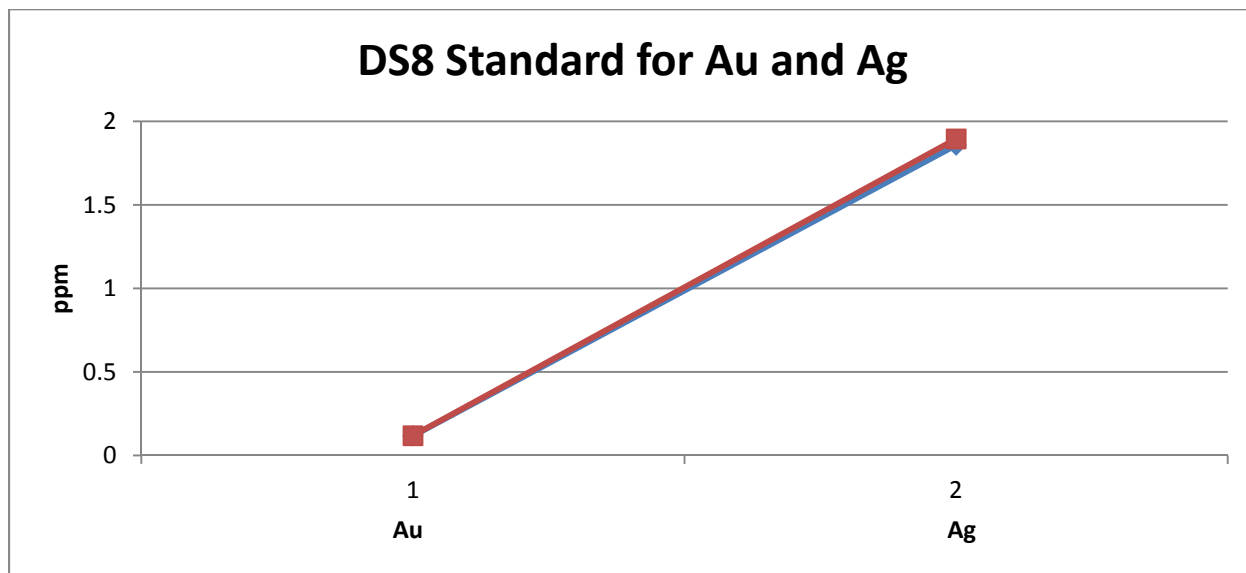


Fig. 34: DS8 standard for gold and silver.

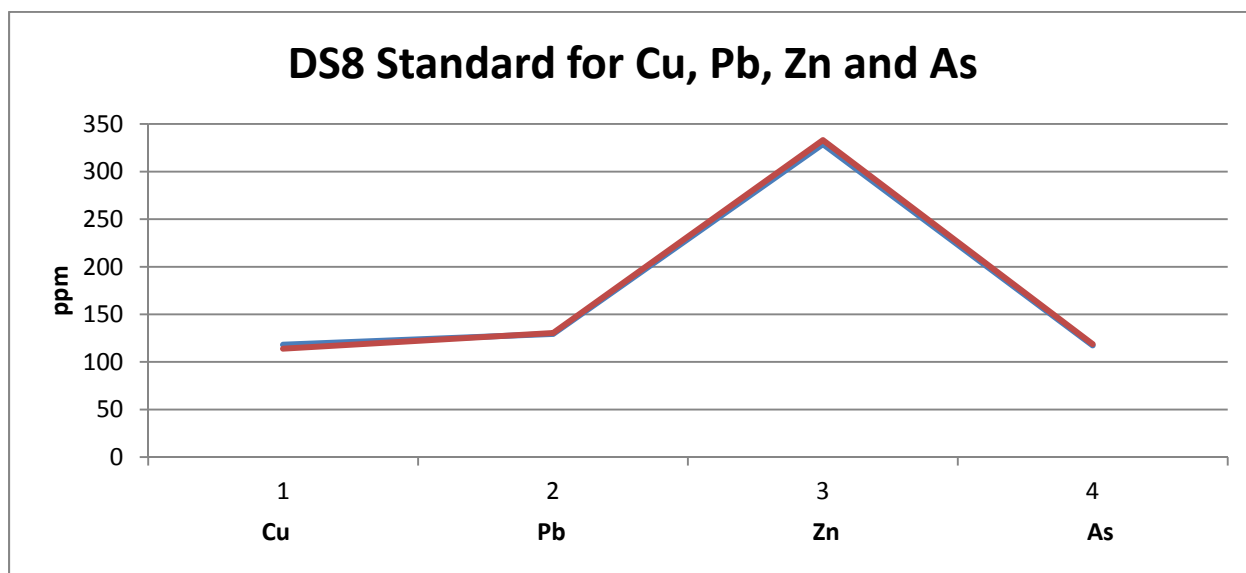


Fig. 35: DS8 standard for copper, lead, zinc and arsenic.

DS8 standard was run twice during the rock sample analyses (Figs. 34, 35) and the values for gold, silver, copper, lead, zinc and arsenic are compatible and do not exceed a few % difference. All blanks assayed with the rock samples fall below detection limits.

7. CONCLUSIONS AND RECOMMENDATIONS

The objectives of soil geochemistry survey made in 2011 on the Leota Gor 42-46, Leota GC 39 and 41 claims were to detect precious and/or base metals anomalies in the soil overlying the Nasina and Anvil assemblages and to test genetic model postulating gold mineralization in the hanging wall of the altered mafic/ultramafic (ophiolitic) rocks. The rock sample geochemistry reveals elemental associations and helps to infer mineral associations and to refine the genetic model for the precious and base metal mineralizations.

The soil sample assays revealed several isolated gold anomalies within the grid, the most distinct (maximum 62.1 ppb Au) being the one situated at the southern edge of the grid. Two isolated gold anomalies with maxima 11.5 and 15.1 ppb Au respectively, occur 200 to 400 meters north of the main anomaly and several old workings and dumps stretching in south – north direction for at least 400 meters appear to coincide with these anomalies. Thus, detected anomalies may be to various degrees affected by the past mining activities. Of the other gold anomalies detected, the most important appears to be the arc-shaped anomaly with maximum 23.2 ppb Au situated in the south-eastern portion of the grid. It may extend northward into another isolated anomaly with maximum 14.3 ppb Au.

No statistical correlations between gold, silver, base metals and/or the chromium group elements were found in the soil assays. However a weak spatial correlation between gold, silver and the base metals can be observed, as shown on the Figs. 5 to 7 and 9 to 11. High correlations exist within the chromium group, which includes chromium, nickel and magnesium, all typical for the mafic/ultramafic rocks.

A strong correlation with coefficient 0.71 also was observed between copper and arsenic and statistically relevant correlations with maximum coefficient 0.43 exist among copper, lead and zinc. These correlations may indicate disseminated sulphidic mineralization including chalcopyrite, sphalerite, galena, arsenopyrite and tetrahedrite. Based on the soil survey results, the mafic/ultramafic rocks of the Anvil Assemblage probably extend farther southwest than shown on the Mortensen's map (Fig 4).

The rock samples collected for this survey represent selective, more or less mineralized float from the old dumps and altered greenstone chips from the outcrop. The assays indicate some degree of geochemical compatibility, which may be due to a common mineralizing event affecting the rock samples. The elemental relationships are illustrated in the Figs. 16 to 19 and in Table 4. Strong correlations between silver, zinc, arsenic and mercury suggest a low-temperature, Ag-Hg-Sb mineral association. Also of interest is the correlation between gold and lead (coefficient 0.682, co-variance 47 %), and weaker correlation between gold and other metals including silver, antimony and mercury (coefficients 0.308, 0.274 and 1.99, respectively), which all indicate an association of gold with the low-temperature, polymetallic mineralization.

Epithermal mineralization including galena, chalcopyrite and pyrite, commonly associated with gold and ankeritic, sideritic, or pyritic wallrock alteration, was recognized by Debicki (1985) in the Late Cretaceous to Early Tertiary volcanic rocks. However, it was not targeted by the early prospectors who were looking primarily for the gold-bearing quartz veins (Debicki, 1985).

Chapman et al. (2010) studied the gold grain micro-geochemistry from the lode gold and placer localities within the Bonanza and Eldorado Creek drainages in order to determine their origin. Two types of gold were detected, one made up of a simple alloy with silver and the other made up of an alloy gold-silver-mercury. The former type occurred at the Lone Star Ridge and was interpreted as orogenic. The silver content increased both in the northeast and southwest directions from the Lone Star, which was considered to be the centre of the system. The mercury content was interpreted to be a consequence of lower mineralization temperature. The Chapman et al (2010) study results suggest that the epithermal gold with mercury can also be expected to occur at the Gor/GC claims.

Ash (2010) described erosional remnants of the ophiolitic rocks that are locally preserved on the higher ground, often as isolated klippen. Ash and Doherty (2006) reported on the gold mineralization at the Lone Star and White, which they concluded was consistently localized within the suture zones between the hanging wall ophiolitic rocks and the footwall plutonic rocks. Our 2011 soil survey results indicate that such setting may exist in the Gor/GC claims area. The chromium group anomalies occur topographically higher than the main gold anomaly and genetic relationships between them cannot be ruled out (Figs. 4 and 9).

The mafic/ultramafic rocks are locally altered and/or hydrothermally affected to form listwanite (quartz-carbonate-soapstone association). The soapstone is known to host large crystals of pyrite and/or other sulphides and the same could apply to gold. If coarse gold or nuggets precipitate in the soft host rock, such as soapstone, they can easily be later liberated and transported by gravity to a distance and if this distance is not too long, their original shapes and structures could be preserved. Such nuggets were seen in the collections of some miners from this area. On the other hand, liberation of a large gold particle from a hard host such as quartz would probably result in the break-up and loss of its original form and structure.

Also worth mentioning in this context are the black shales rich in carbonaceous matter. These rocks tend to concentrate in the shear zones and thrust faults where they function as lubricants during the block movements. Graphite is known to be extremely resistant to oxidation and can migrate along the zones of structural weaknesses and concentrate in the bands or zones that may become impermeable to hydrothermal fluids. Due to its reducing properties it can also act as a chemical agent triggering the fluid precipitation process. White, vuggy, vein quartz materials are commonly seen in association with the black shales in the Klondike Goldfield area. They may be a result of such precipitation.

The main gold anomaly at the Gor/GC claims appears to extend southwards and northwards from the 2011 soil geochemistry grid and we recommend to further test this possibility by extending the grid in these directions. The grid lines should be oriented east - west. The gold anomaly situated in the eastern portion of the grid should also be further tested by step-in sampling. Eventual conflict of interest with the owner of the placer claims that overlap with the quartz claims should be avoided. As regards the problems with analytical results and the nugget effects, the company should ask laboratory to use a different preparation/homogenization method to achieve better reproducibility of the gold assays.

8. 2011 EXPLORATION EXPENSES

Geologist (8 days @ \$ 600)	4800.00
Assistants (2 x 9 days @ \$ 300)	5400.00

GEOCHEMICAL REPORT ON THE LEOTA GOR 42 - 46 AND LEOTA GC 39, 41 CLAIMS

Truck (Mileage, gas, oil)	1688.00
Accommodation, food	2600.00
Mob/demob	1000.00
Assays (182 samples)	5460.00
Digitization, report	4000.00
Sub-total	<u>24948.00</u>
HST 12%	2993.76
Total:	27941.76

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10. STATEMENT OF QUALIFICATIONS

I, Bohumil (Boris) Molak, Ph.D., P.Geo., do hereby certify that:

1. I am a self-employed Geoscientist residing at 108-5140 Sanders Street, Burnaby, BC., V5H 1T2, Canada.

2. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (License No. 28600) in good standing.
3. I graduated from the Comenius University of Czechoslovakia with a Bachelor of Science (Mgr.) in Economic Geology in 1970. From the same university I obtained in 1980 the degree Master of Science in Economic Geology (RNDr.) and in 1990 the degree Doctor of Philosophy (CSc.). I have practiced my profession continuously since 1970.
4. My geological practice includes research, prospecting, and exploration for precious, base, ferrous and other metals in Slovakia, Zambia, Cuba, Guinea, Canada, Chile and Argentina.
5. Since July 2003 until present I am a self-employed geo-scientist.
6. I conducted the field work and supervised the exploration program on the GC/CT Claims from September 1 to September 25, 2011.
7. I am responsible for all items but item 2011 Exploration Expenses in this report. The sources of all information not based on personal examination are quoted in the References Chapter.
8. As of the date of this Statement I am not aware of any material fact or material change with respect to the subject matter of this report that is not reflected in this report, the omission of which would make this report misleading.
9. I am independent of Goldbank Mining Corp.



Dated at Vancouver, BC, Canada, this 16th day of March, 2012.

APPENDIX I

Soil Sample Information

GEOCHEMICAL REPORT ON THE LEOTA GOR 42 - 46 AND LEOTA GC 39, 41 CLAIMS

Leota GOR 42 to 46 and Leota GC 39 and 41 (Goring) Claims: 2011 Soil Geochemistry, Sample Co-ordinates

Line 1			Line 2			Line 3			Line 4			Line 5			Line 6		
#	Easting	Northing	#	Easting	Northing	#	Easting	Northing	#	Easting	Northing	#	Easting	Northing	#	Easting	Northing
262	602500	7099600	229	602500	7099700	196	602500	7099800	345	602500	7099500	378	602500	7099400	533	602500	7099300
261	602525	7099600	228	602525	7099700	195	602525	7099800	346	602525	7099500	379	602525	7099400	534	602525	7099300
260	602550	7099600	227	602550	7099700	194	602550	7099800	347	602550	7099500	380	602550	7099400	535	602550	7099300
259	602575	7099600	226	602575	7099700	193	602575	7099800	348	602575	7099500	381	602575	7099400	536	602575	7099300
258	602600	7099600	225	602600	7099700	192	602600	7099800	349	602600	7099500	382	602600	7099400	537	602600	7099300
257	602625	7099600	224	602625	7099700	191	602625	7099800	350	602625	7099500	383	602625	7099400	538	602625	7099300
256	602650	7099600	223	602650	7099700	190	602650	7099800	351	602650	7099500	384	602650	7099400	539	602650	7099300
255	602675	7099600	222	602675	7099700	189	602675	7099800	352	602675	7099500	385	602675	7099400	540	602675	7099300
254	602700	7099600	221	602700	7099700	188	602700	7099800	353	602700	7099500	396	602700	7099400	541	602700	7099300
253	602725	7099600	220	602725	7099700	187	602725	7099800	354	602725	7099500	387	602725	7099400	542	602725	7099300
252	602750	7099600	219	602750	7099700	186	602750	7099800	355	602750	7099500	388	602750	7099400	543	602750	7099300
251	602775	7099600	218	602775	7099700	185	602775	7099800	356	602775	7099500	389	602775	7099400	544	602775	7099300
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249	602825	7099600	216	602825	7099700	183	602825	7099800	358	602825	7099500	391	602825	7099400	546	602825	7099300
248	602850	7099600	215	602850	7099700	182	602850	7099800	359	602850	7099500	392	602850	7099400	547	602850	7099300
247	602875	7099600	214	602875	7099700	181	602875	7099800	360	602875	7099500	393	602875	7099400	548	602875	7099300
246	602900	7099600	213	602900	7099700	180	602900	7099800	361	602900	7099500	394	602900	7099400	549	602900	7099300
245	602925	7099600	212	602925	7099700	179	602925	7099800	362	602925	7099500	395	602925	7099400	550	602925	7099300
244	602950	7099600	211	602950	7099700	178	602950	7099800	363	602950	7099500	396	602950	7099400	551	602950	7099300
243	602975	7099600	210	602975	7099700	177	602975	7099800	364	602975	7099500	397	602975	7099400	552	602975	7099300
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240	603050	7099600	207	603050	7099700	174	603050	7099800	367	603050	7099500	400	603050	7099400	555	603050	7099300
239	603075	7099600	206	603075	7099700	173	603075	7099800	368	603075	7099500	401	603075	7099400	556	603075	7099300
238	603100	7099600	205	603100	7099700	172	603100	7099800	369	603100	7099500	402	603100	7099400	557	603100	7099300
237	603125	7099600	204	603125	7099700	171	603125	7099800	370	603125	7099500	403	603125	7099400	558	603125	7099300
236	603150	7099600	203	603150	7099700	170	603150	7099800	371	603150	7099500	404	603150	7099400	559	603150	7099300
235	603175	7099600	202	603175	7099700	169	603175	7099800	372	603175	7099500	405	603175	7099400	560	603175	7099300
234	603200	7099600	201	603200	7099700	168	603200	7099800	373	603200	7099500	406	603200	7099400	561	603200	7099300
233	603225	7099600	200	603225	7099700	167	603225	7099800	374	603225	7099500	407	603225	7099400	562	603225	7099300
232	603250	7099600	199	603250	7099700	166	603250	7099800	375	603250	7099500	408	603250	7099400	563	603250	7099300
231	603275	7099600	198	603275	7099700	165	603275	7099800	376	603275	7099500	409	603275	7099400	564	603275	7099300
230	603300	7099600	197	603300	7099700	164	603300	7099800	377	603300	7099500	410	603300	7099400	565	603300	7099300

Note: samples in grey color – missing or assays pending

APPENDIX II

Rock Sample Information

Sample	Description	Easting	Northing	Au (ppb)	Ag (ppb)
1035812	Gor/GC Claims, trench, fragments of greenish-brown mafic rock + ox. infilt	603194	7099637	0.9	11
1035813	Gor/GC Claims, trench, fragments of green mafic, altered rock + ox. infiltr.	603195	7099635	0.7	18
1035814	Gor/GC Claims, old dump, fragments of black schist with oxidic specs	602857	7099353	4.4	247
1035815	Gor/GC Claims, old dump, quartz boulder (30x20cm) + oxide lumps(+Au?)	602831	7099336	6.3	214
1035816	Gor/GC Claims, old dump, boulder of gossanous rock, Fe-oxidic matrix	602825	7099355	4.3	1873
1035817	Gor/GC Claims, old dump, conglomerate boulder with Fe-oxidic matrix	602825	7099355	2.9	215
1035818	Gor/GC Claims, outcrop, a shear in grey-green, medium grained rock with Fe-oxides.	602948	7099383	5	310
1035820	Gor/GC Claims, outcrop, a lense of white carbonate+quartz, scarce sulphides & oxidic specks, malachite?	602943	7099380	1.7	354

APPENDIX III

Soil and Rock Assay Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Northern Dancer
PO Box 2662
Garibaldi Highlands BC V0N1T0 Canada

Submitted By: Dwayne Kress
Receiving Lab: Canada-Dawson City
Received: September 16, 2011
Report Date: November 10, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

DAW11000390.1

CLIENT JOB INFORMATION

Project: Gor and Ano
Shipment ID:
P.O. Number
Number of Samples: 9

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Goldbank Mining Corp.
605 - 889 West Pender St.
Vancouver BC V6C 3B2
Canada

CC: Bohumil (Boris) Molak

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	9	Dry at 60C			VAN
SS80	9	Dry at 60C sieve 100g to -80 mesh			VAN
1F06	9	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"***" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Northern Dancer
PO Box 2662
Garibaldi Highlands BC V0N1T0 Canada

Submitted By: Dwayne Kress
Receiving Lab: Canada-Dawson City
Received: September 16, 2011
Report Date: November 10, 2011
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CERTIFICATE OF ANALYSIS

DAW11000387.1

CLIENT JOB INFORMATION

Project: Gor and Ano
Shipment ID:
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Goldbank Mining Corp.
605 - 889 West Pender St.
Vancouver BC V6C 3B2
Canada

CC: Bohumil (Boris) Molak

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			VAN
SS80	320	Dry at 60C sieve 100g to -80 mesh			VAN
1F06	317	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
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** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Northern Dancer
PO Box 2662
Garibaldi Highlands BC V0N1T0 Canada

Submitted By: Dwayne Kress
Receiving Lab: Canada-Dawson City
Received: September 16, 2011
Report Date: November 10, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

DAW11000516.1

CLIENT JOB INFORMATION

Project: Gor and Ano
Shipment ID: gor & ano
P.O. Number
Number of Samples: 29

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Goldbank Mining Corp.
605 - 889 West Pender St.
Vancouver BC V6C 3B2
Canada

CC: Bohumil (Boris) Molak

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	29	Dry at 60C			DAW
SS80	29	Dry at 60C sieve 100g to -80 mesh			DAW
1F06	28	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"***" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Northern Dancer

PO Box 2662

Garibaldi Highlands BC V0N1T0 Canada

Submitted By:

Dwayne Kress

Receiving Lab:

Canada-Whitehorse

Received:

October 16, 2011

Report Date:

March 29, 2012

Page:

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CERTIFICATE OF ANALYSIS

WHI11001788.1

CLIENT JOB INFORMATION

Project: Gor and Ano
Shipment ID:
P.O. Number
Number of Samples: 52

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	52	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
1F06	52	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Goldbank Mining Corp.
605 - 889 West Pender St.
Vancouver BC V6C 3B2
Canada

CC: Bohumil (Boris) Molak



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ".*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
181	1.23	21.99	22.66	51.8	24	91.6	8	217	2.36	13.5	1.4	10.1
182	0.57	3.46	16	13.3	<2	17	3.1	137	0.59	3.1	0.4	4
183	1	8.01	16.55	36.5	11	39.7	6	209	1.57	11.6	0.8	3.1
184	1.06	20.17	13.84	47.4	93	54.6	9	469	2.02	10.5	1.4	4.3
185	0.87	68.79	10.14	79	119	135.1	25.1	2771	4.49	12.3	1	4
186	1.01	39.32	11.98	52.6	97	66.2	12.1	444	3.04	13.8	2.2	5.6
187	0.95	41.73	10.52	55.2	98	71.8	11.3	492	3.22	17.8	1.6	6.3
188	1.12	50.52	14.62	70	119	113.5	14.6	712	3.55	23.5	1	5.3
189	1.21	50.81	15	68.9	118	119.6	12.6	658	3.31	35.6	1.8	5.6
190	1.56	53.96	15.09	85.8	142	205.7	23.1	1218	3.97	27.3	0.8	3.5
191	1.14	25.32	12.11	49.3	81	136.4	13.8	492	2.79	16.1	0.9	8.4
192	2.31	37.12	31.07	135.5	102	214.3	17.8	437	3.47	51.6	1	6.7
193	0.91	31.91	12.12	52.5	89	131.4	14.5	436	2.82	14.6	0.8	10.9
194	0.95	30.51	11.87	52.8	87	172.7	14.2	381	2.8	13.1	0.7	5.3
195	1.13	29.13	13.21	54	83	140.7	14.9	463	2.79	12.2	0.7	5.9
196	0.78	34.07	11.77	61	52	257.8	18.5	435	3.17	14.1	0.8	6
197	0.82	42.69	6.05	96	44	76.6	23	522	4.5	4.6	2.1	5.9
198	1	12.25	10.52	52.8	51	65.8	12.3	443	2.09	9.9	0.7	14.3
199	0.57	24.43	8.73	76.4	3	93.6	12.5	158	1.54	9.2	0.7	2.2
200	0.96	22.75	13.26	65.8	51	65.6	12	320	2.58	12.9	1.1	3.3
201	1.02	22.92	15.66	57.8	107	53.3	9.8	352	2.48	11.5	1.3	5.2
202	1.03	26.7	11.37	55.9	58	63	9.4	311	2.6	11.8	0.7	4.2
203	1.26	32.12	12.85	72.2	108	58.7	10.8	396	2.89	13.1	0.6	5.3
204	1.28	32.57	16.12	74.7	116	76.4	15.4	578	2.95	14.4	0.6	3.4
205	1.73	27.85	19.26	65.2	118	130.7	20.9	977	2.8	16.2	0.6	4.4
206	1.66	30.8	32.98	87.7	109	222.6	32.7	949	3.34	21.2	0.9	3.5
207	1.59	26.32	18.99	56.9	<2	289.6	23.2	295	4.71	15.4	1	2.3
208	2.07	63.52	45.65	65.7	3	155.8	18.5	717	4.09	25.5	1.3	3.3
209	1.28	76.62	31.08	157.3	76	150.2	18.2	729	3.49	17.4	1.3	3.9
210	1.1	26.72	16.23	66.2	60	52.7	10.6	637	2.67	12	1.3	2
211	1.02	10.23	23.67	49.9	32	28.2	12.8	592	1.13	6.7	1.7	1.5
212	1.78	32.74	26.74	105.7	144	62.5	32.9	1550	3.89	26.1	1.7	2.7
213	0.54	59.08	6.33	77.3	43	128.3	20.8	1351	4.23	24.8	0.9	2.4

Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
214	2.22	86.7	17.48	78.8	423	307.7	14.6	>10000	3.31	30.6	1	15.1
215	0.95	99.31	7.8	92.6	32	188.5	21.8	1153	7.92	63.3	1.3	1.8
216	0.97	21.28	9.22	43.5	103	53.6	9	403	2.07	9.2	1.1	6.3
217	1.13	37.27	10.05	59.7	113	119.6	14.4	522	3.16	17.1	0.9	3
218	0.66	33.42	9.06	53.6	64	87.9	11.6	236	2.67	12	0.9	3.6
219	0.71	29.64	8.68	47.8	83	77.8	9.3	282	2.71	13	1	3.9
220	0.88	22.03	7.5	46.3	87	60.6	8.1	285	2.33	11.7	0.7	2.4
221	0.88	24.76	9.12	44.9	32	74.6	9.8	294	2.62	12	1	3.6
222	0.94	30.38	9.29	48.7	45	92.8	10.3	325	2.77	13.9	1	5.9
223	0.95	40.28	10.77	54.4	113	116.8	13.7	590	3.11	18.7	1.2	4
224	0.92	36.22	11.32	61.4	105	153.4	16	538	3.02	15	0.6	6.8
225	0.95	36.67	12.03	64.6	123	158.5	15.6	562	3.17	19	1.1	3.5
226	1.01	32.33	13.14	52.1	97	225.5	17.7	465	3.09	14	1	4.1
227	1.07	60.83	13.34	68.4	159	733.1	33.3	1113	4.78	31	0.5	3.6
228	1.02	33.7	12.8	58.7	93	219.9	18.3	478	3.27	14.8	0.9	5
229	0.86	29.6	11.03	51.3	72	738.6	37.4	535	3.8	11.7	0.5	4.2
230	0.99	27	8.72	93.7	50	150.1	25.7	165	2.58	10.7	0.9	1.5
231	2.01	41.34	12.72	66.8	723	44.7	6.5	318	2.44	6.2	1.8	2.3
232	0.87	33.02	9.34	51.2	116	28.7	8	278	2.55	13	0.8	8.3
233	2.51	94.69	27.88	52.1	109	66.5	9.3	240	3.55	31.8	2.9	4.4
234	1.55	32.44	33.96	88.3	124	61.6	9.3	137	3.19	21.6	1.6	2.8
235	0.95	34.53	13.51	82.5	80	81.8	14.1	219	2.69	11.2	0.9	3.9
236	0.87	24.44	10.88	74.6	41	79.2	11.8	177	2.18	11.2	0.6	3
237	0.76	36.55	11.75	129.1	62	168.4	15.8	205	1.89	13.1	1.1	4.1
238	1.19	19.49	8.29	69.2	56	70.4	11.4	1216	2.72	15.6	1.1	0.9
239	0.69	19.01	9.79	47.1	39	63.1	9.8	499	1.31	6.8	0.9	1.8
240	1.03	42.05	10.87	59.5	156	116.7	18.5	676	3.14	15.8	1.8	2.6
241	1.06	40.41	19.01	70.4	146	88.4	14.3	446	3.6	16.6	1.3	4.1
242	1.14	46.07	11.88	67.4	114	140.9	18.1	667	3.55	20.9	1.4	3.3
243	0.84	42.79	6.69	69	82	79.9	18.7	497	4.62	13.5	0.9	3.9
244	0.77	44.91	9.37	67.9	88	118.3	12.8	453	3.27	23.3	1.2	3.4
245	1.11	48.8	13.58	72.9	110	204.9	28.4	877	4.03	22.7	0.9	2.2
246	0.95	47.7	9.23	81.9	214	135.4	22.1	919	3.86	26.3	1	5

Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
247	0.96	72.43	7.54	85.6	194	175.9	25.7	1302	4.8	30.5	0.9	0.6
248	0.75	28.58	8.41	45.5	89	123.8	10.9	298	2.59	12.4	1.3	3.4
249	0.93	35.64	11.44	56.8	77	110.9	12.6	418	3.12	14.9	1.3	3.3
250	0.8	33.08	9.68	58.7	107	111.9	11.2	362	2.75	13	1.4	3.6
251	0.96	44.86	12.56	68.7	135	190	16.4	593	3.27	20.5	1.2	9.6
252	0.88	35.11	11.99	53.3	113	163.8	15.1	446	3.01	15.1	1.1	5.9
253	1.27	34.95	14.69	58.2	82	352.6	32.7	706	3.64	19	0.8	9.9
254	1.04	35.61	13.17	51.2	96	236.2	19.8	473	3.18	14	0.9	5.2
255	0.97	33.3	12.14	50.2	98	260.3	23.1	465	3.17	14.6	0.8	7.2
256	1.09	28.17	12.22	47.7	42	167.4	15.3	359	2.97	12.5	1.1	7.6
257	0.97	30.3	11.76	52.8	72	123	14.6	478	2.83	12.6	1.1	5.8
258	1.03	31.86	13.4	54.9	103	194	16.5	468	2.89	12.3	0.8	7.5
259	0.9	29.63	11.41	52.8	110	155.2	14.3	363	2.72	11.7	1	7.7
260	0.77	28.33	9.57	52	126	152.9	12.6	298	2.64	11.6	0.7	2
261	0.83	30.45	11.03	55.2	120	160	15.8	424	2.74	12.1	1	6.3
262	0.95	32.25	11.48	53.7	105	62.2	10.9	350	2.77	11.2	1.2	5.1
345	0.87	26.18	10.36	49.7	79	149.9	14.3	295	2.53	9.9	1.4	4.3
346	0.72	26.46	9.71	48.8	76	246.1	20.8	370	2.74	8.6	1.3	3.3
347	0.64	23.19	9.98	45.7	51	154.1	15	287	2.49	7.8	0.8	1.8
348	0.53	24.61	8.34	46.9	61	135.6	10.9	216	2.43	7.6	0.9	2.8
349	0.75	25.95	9.05	44.2	84	98	10.6	293	2.39	8.7	1	4.1
350	0.79	12.64	7.09	40.2	37	69.1	7.5	150	1.91	6.7	0.5	1
351	0.81	15.4	7.54	41.3	54	87.2	8.7	187	2.03	7.1	0.6	7.2
352	0.87	26.1	10.15	45.8	90	120.3	12.7	399	2.47	10.4	1.2	3.3
353	1.02	30.91	11.12	56.9	115	113.6	14.9	429	2.72	11.8	0.9	2.4
354	1.08	32.92	12.03	56.6	104	200.6	19.2	417	3.02	11.9	0.7	6.5
355	0.59	46.43	10.93	64.1	39	387.1	42.6	884	4.54	11.2	1	1.1
356	0.57	53.27	15.62	59.1	11	316	35.7	1094	4.69	14.4	0.9	2.3
357	1.22	33.13	12.65	57.2	64	327.7	35.7	854	3.78	11.1	1	2.8
358	1.21	23.36	11.16	45.6	56	116.8	12.9	363	2.53	10.7	1	4.6
359	0.66	20.35	7.79	40.8	49	188.7	16	256	2.36	7.3	0.7	3.1
360	1.07	31.67	14.19	54	93	150	17	522	2.9	12.1	1.1	11.5
361	1.2	32.55	15.22	60.3	108	241.6	22.3	504	3.19	14.8	1.2	6.2
362	0.99	31.07	12.14	56.5	99	238.6	22.8	518	3.33	15.4	1.1	2.5

Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
363	0.87	36.38	12.91	61.7	117	373.3	27	565	3.81	20.9	1.1	4.6
364	1.06	32.53	10.49	58.8	90	284.3	21.9	495	3.34	16.1	0.9	3
365	0.8	23.58	8.3	48.1	72	75.9	9.2	326	2.35	11.1	0.8	1.8
366	0.39	26.56	7.22	73.8	31	73	13.3	223	1.45	7.1	0.7	1.8
367	1.23	30.7	8.37	52	74	55.7	9.7	392	2.85	13.4	0.9	2.7
368	2.17	22.17	19.28	75.2	154	45.6	9.4	224	2.25	10.5	1.1	2.5
369	3.87	17.84	33.51	184.3	171	62.2	12.7	615	2.61	11.6	2.8	1.6
370	1.01	27.47	8.96	74.3	135	30.4	9	176	2.06	6.5	5.6	3.5
371	1.06	23.56	9.82	60.2	119	46	9.4	475	2.53	11.1	1	2.1
372	0.9	27.1	9.77	57.5	127	66.1	9.7	790	2.2	9.4	2.9	3.9
373	1.12	25.4	8.26	69.7	54	130.7	23.6	252	3.25	15.7	0.8	2
374	0.68	17.87	6.45	53.4	34	94	16.3	364	1.85	6.8	0.7	23.2
375	0.7	25.14	7.4	50.2	63	21.3	7.7	180	1.93	8.6	0.8	1.7
376	0.66	20.26	7.24	49.5	72	18.6	6.7	233	1.89	9.2	0.5	6.2
378	1.05	26.96	10.86	45.9	73	84.2	12.6	374	2.64	9.6	1.5	4.6
379	1.31	30.04	12.32	55.8	90	75.9	12.1	430	2.69	12.7	1.3	10.3
380	0.71	23.82	8.42	39.9	71	61.8	9.4	292	2.25	8.4	1.2	3.1
381	1.02	28.48	10.79	51.3	88	63.3	10.4	316	2.61	11.1	1.1	5.9
382	1.11	29.39	11.39	51.1	97	66.6	11.8	404	2.65	11.6	1.6	2.7
383	0.89	26.74	10.02	53.2	99	40	9.3	345	2.43	11.3	1.1	5.7
384	1.01	29.14	10.62	47.8	100	42.7	8.8	324	2.51	11.5	2.9	3.1
385	1.17	31.8	11.51	69.1	114	33.8	9.7	348	2.56	13.3	0.9	2.5
386	0.82	29.31	10.6	59.4	125	84.2	12.7	535	2.47	11.8	0.5	2.4
387	1.19	30.73	12.1	65.1	128	36.3	9.5	364	2.57	12.6	1.3	5.4
389	0.79	25.55	11.2	56.1	72	217.4	24.7	629	2.55	10.2	0.5	1.8
390	0.47	61.54	11.08	176.5	60	259.6	29.1	396	3.56	13.3	1.4	0.05
391	0.79	62.64	12.07	89.1	34	304.1	42.8	729	4.85	12.8	1.1	3.1
392	0.76	44.72	11.31	68.6	44	389.5	45.1	842	4.52	10	0.8	4.2
393	1.27	12.92	11.69	56.7	151	19.3	6.7	176	2.5	7.7	0.5	5.2
394	1.06	22.5	10.8	61.2	44	71.2	8.6	172	2.15	9	0.5	2.2
395	1.06	26.74	12.47	68.1	40	164.6	21.8	258	2.92	17.2	0.6	2.2
396	1.58	53.08	14.96	88.4	78	43	11.7	308	3.21	14.8	0.9	6.2
397	1.28	15.35	11.69	62	99	20.8	8.8	515	2.48	8.8	0.6	2.4
398	1.32	12.24	10.02	52	103	15.6	8.1	393	2.24	8.8	0.4	4.4
399	1.34	28.24	11.97	67.4	77	31.2	9.1	172	2.61	12.1	0.7	1.1

Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
400	1.37	42.54	12.93	68.5	272	34.6	9.4	180	2.9	14.2	0.8	4.8
401	0.95	32.6	9.63	50	32	25.2	7.7	179	2.36	11.6	1.3	11.7
402	0.87	29.74	8.78	46	25	22.4	7.3	166	2.2	10.6	1.2	10.7
403	1.39	32.99	13.31	64.6	47	32.8	10.2	208	2.84	11.1	0.9	3.9
404	0.69	30.67	5.98	31.3	112	18.8	5.3	169	1.31	6.4	0.4	7.6
405	1.22	17.37	9.37	60.1	89	21.4	6.1	205	2.15	8	1	3.2
406	0.89	20.08	8.78	68.1	99	23	9.4	391	2.12	8.1	0.7	5
407	0.93	17.51	9.06	65.7	92	19.7	9	278	2.11	8	1.1	3.5
408	1.46	18.87	9.24	57.7	96	18.5	5.8	176	2.14	9	1.1	10.6
409	1.04	17.36	11.99	56.1	89	41.7	8.5	237	2.17	8	0.9	5.6
410	0.9	23.98	10.89	61.7	114	49.5	11.5	397	2.35	6.5	1.2	8.6
533	0.6	23.12	8.17	38.2	59	183.6	19.5	437	3.29	6.1	1.3	1.8
534	0.69	21.79	8.99	36.5	57	152	18.4	455	2.6	6.4	1.2	2.2
535	0.75	25.08	9.28	43.8	64	237.4	24.2	417	3.28	6.8	0.8	3.2
537	0.79	21.43	9.5	34.7	40	106.9	12.8	277	2.39	6.5	1	1
538	0.67	20.41	7.86	37.1	36	189.5	22.3	272	3.17	4.8	0.5	3.4
539	0.61	20.89	7.92	38.1	34	233.4	30.4	387	3.35	6.2	0.6	2.6
540	0.62	23.2	7.22	37.2	66	381.7	51.4	744	3.75	7.4	0.7	2.1
541	0.64	20.16	6.89	34	62	86	9.4	197	1.94	6.8	1.2	1.8
542	1.86	31.27	9.81	74	200	169.1	25.7	475	3.25	14.5	1	2.7
543	1.81	25.37	11.09	57.8	144	214.2	40.4	852	3.04	12.9	0.8	1.7
544	0.89	27.52	7.39	51.8	62	176.9	38.9	1064	3.09	7.9	0.5	1.4
545	0.7	13.39	5.46	38.5	41	86.4	17.2	604	1.26	5	0.4	0.8
546	0.58	22.88	8.19	80.4	69	133.1	22.3	852	1.84	9.5	0.6	62.4
547	1.75	23.85	7.97	57.5	90	126.7	22.1	700	2.17	8.7	0.7	5.8
552	0.99	19.7	7.36	61.3	52	112.9	19.8	496	2.28	7.7	0.7	2.4
553	0.83	39.04	8.1	56.9	94	427.5	35.3	396	2.4	8	0.6	2.9
554	1.1	21.27	7.28	62.2	104	49.6	12	414	2.1	8.8	0.6	1.8
555	0.83	21.3	6.91	57.4	80	226.7	21.6	317	2.19	7.7	0.6	6.2
556	0.89	17.44	7.54	51.5	80	80.2	12.5	309	2.02	7.7	0.7	3.6
557	0.92	23.12	8.79	70	96	27.4	9.5	363	2.21	9	0.7	3.1
558	1.09	28.63	9.56	71.6	136	29.4	9.7	394	2.43	9.9	0.6	3.3
559	0.85	19.55	9.56	60.2	100	28.6	8.1	200	2.19	10.5	1.3	8.3
560	0.99	25.89	9.4	69.1	111	25.2	8.7	349	2.2	10	0.5	1.6
561	0.92	13.59	7.09	41.9	74	16.2	6	194	1.84	6.4	0.7	6.1

Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
562	0.82	23.8	8.26	62.6	107	23.3	8.4	344	2.19	9.3	0.5	2.7
563	1.07	28.08	9.53	71.2	128	25	8.9	360	2.23	10.2	0.5	2.7
564	1.21	31.19	10.53	69.6	151	28.3	9.9	427	2.48	11.7	0.6	4.7
565	1.14	29.69	10.23	65.2	142	28.7	10.1	375	2.56	11.4	0.6	5.4

Sample#	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
181	15.7	11.3	0.2	0.7	0.27	33	0.12	0.028	41.8	93.1	0.57	347.9
182	14.7	10.7	0.09	0.2	0.12	10	0.08	0.037	49.8	29.8	0.09	134.4
183	14.4	21.9	0.12	0.36	0.11	25	0.21	0.066	34.2	52.4	0.37	208.1
184	7.7	20.3	0.15	0.42	0.13	34	0.27	0.056	20.6	65.8	0.46	277.5
185	5	33.4	0.24	0.5	0.07	78	0.64	0.156	26.3	135.1	1.49	468.6
186	4.6	26	0.07	0.67	0.1	52	0.37	0.057	17.9	68.7	0.67	410.2
187	4.7	24.8	0.08	0.75	0.1	55	0.37	0.047	17.1	78.7	0.75	473.4
188	5.5	27.4	0.12	0.91	0.11	53	0.39	0.068	19.8	84	0.66	425.8
189	5.1	23	0.16	1	0.1	49	0.3	0.054	22.8	74.3	0.55	543.1
190	6.7	22.3	0.22	0.92	0.12	59	0.36	0.075	23.1	171.9	1.13	479.7
191	5.9	27	0.16	0.9	0.12	45	0.37	0.06	17.9	114.7	0.67	356
192	8.2	24.3	0.32	1.36	0.23	47	0.29	0.053	25.2	103.7	0.67	309.4
193	4.1	26.5	0.12	0.81	0.11	49	0.35	0.045	16	82.5	0.74	370.8
194	4.5	25.8	0.08	0.85	0.12	48	0.35	0.039	16	86	0.78	382.8
195	4.3	25.3	0.11	0.85	0.12	50	0.33	0.036	15.7	76.9	0.71	395.8
196	5	24.5	0.1	1.04	0.13	51	0.32	0.037	17.1	110.4	0.93	425.3
197	3.4	16.7	0.12	0.43	0.04	104	0.24	0.062	13.1	126.2	2.05	351.6
198	4.6	16.5	0.18	0.46	0.08	39	0.21	0.038	18.8	81.9	0.53	253.8
199	4	8.6	0.19	0.46	0.06	29	0.12	0.016	17	111.4	0.44	160.4
200	6.6	13.6	0.08	0.6	0.09	45	0.17	0.028	19.2	85.3	0.56	341.4
201	4.7	25.4	0.13	0.63	0.23	43	0.36	0.047	20.8	62.6	0.56	410.5
202	4.6	22	0.11	0.86	0.13	46	0.29	0.043	16.7	64.2	0.64	374.1
203	4.9	26.4	0.19	1.04	0.15	52	0.34	0.061	17.8	57.5	0.64	403.9
204	7.2	25.7	0.28	1.15	0.15	54	0.37	0.06	22.2	86.3	0.64	399.4
205	7.7	18.5	0.38	0.97	0.14	50	0.26	0.055	21.9	117.5	0.74	403.5
206	20.4	15.1	0.48	0.57	0.18	58	0.21	0.038	57.6	216.7	0.85	335.6
207	11.6	7.4	0.2	0.35	0.09	93	0.09	0.046	28.6	317.2	0.35	112.9
208	7.4	5	0.62	0.57	0.35	80	0.04	0.056	28	112.8	0.44	182.5
209	6.3	21.4	0.28	0.61	0.15	65	0.32	0.058	26.7	122.3	0.95	389.3
210	12.2	24.1	0.19	0.28	0.13	44	0.4	0.092	35	72.3	0.84	289.6
211	34.1	26.3	0.19	0.14	0.12	16	0.27	0.097	82.7	13.6	0.2	220.1
212	24.1	32.1	0.46	0.26	0.12	71	0.35	0.13	60.2	36	0.57	343.3
213	4.5	24.6	0.12	0.3	<0.02	78	0.54	0.139	24.7	119	1.64	307.2

Sample#	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
214	9.3	27.1	1.25	0.47	0.14	64	0.24	0.058	34	62.3	0.68	1494.9
215	7.2	30.5	0.14	0.39	0.03	136	0.67	0.212	49.1	195.7	1.79	307.1
216	3.7	24.3	0.14	0.44	0.06	38	0.32	0.045	14.5	57	0.48	342.7
217	4.9	24.9	0.2	0.74	0.19	54	0.34	0.045	18.2	121.2	0.76	369
218	4.9	22.6	0.07	0.6	0.13	50	0.31	0.049	16.3	112.3	0.69	305
219	5.5	19.9	0.04	0.65	0.26	50	0.24	0.022	17.5	70.9	0.65	375.2
220	4.1	16.1	0.07	0.49	0.15	47	0.21	0.022	14.1	55.9	0.57	315.6
221	5.3	21	0.05	0.71	0.16	49	0.27	0.026	17.5	72.8	0.64	384.6
222	5.5	21	0.07	0.84	0.16	50	0.27	0.031	18.2	81.5	0.7	393.6
223	5.5	30.2	0.09	0.93	0.17	57	0.42	0.049	19.6	83.1	0.79	466.3
224	5.2	30.4	0.11	1	0.18	54	0.42	0.048	17.8	105.6	0.93	411.1
225	5.6	31.5	0.12	0.99	0.17	58	0.42	0.05	19.3	90.7	0.88	408
226	5.1	27.7	0.09	0.89	0.18	58	0.36	0.034	18.2	116.8	0.88	391.3
227	4.9	20.8	0.14	1.32	0.11	74	0.36	0.067	25.5	206	1.49	363.9
228	5.6	28.2	0.12	1.01	0.18	61	0.37	0.038	19.4	110.1	0.92	396.1
229	4.7	22.3	0.1	1.02	0.15	50	0.32	0.031	16.2	318.2	1.94	304.2
230	4	10.9	0.45	0.55	0.1	45	0.2	0.025	11.3	168	0.78	109.1
231	0.7	47.9	0.44	0.44	0.19	37	0.68	0.064	13.3	32.3	0.35	237.8
232	5.6	17.9	0.07	0.92	0.16	49	0.18	0.024	16.7	33.7	0.47	256.5
233	9.9	12.1	0.41	1.11	0.25	46	0.14	0.081	31.2	38.4	0.23	185.2
234	6.5	12	0.43	0.73	0.18	41	0.14	0.076	19.4	56.4	0.44	239.8
235	6.3	12.7	0.09	0.75	0.2	59	0.13	0.019	18.6	112.2	0.56	287
236	4.3	11.8	0.13	0.53	0.14	46	0.13	0.019	15.9	109	0.49	198.6
237	5.5	9.6	0.43	0.61	0.16	45	0.12	0.017	19.3	210	0.64	99.9
238	4.3	15.9	0.21	0.32	0.12	58	0.16	0.021	14.1	155.2	0.3	297.5
239	4.4	15.5	0.15	0.33	0.1	34	0.14	0.012	15	73.6	0.31	199.8
240	3.7	51	0.24	0.65	0.14	62	0.75	0.059	17.4	105.7	0.89	479.4
241	7	32	0.16	0.61	0.16	67	0.44	0.059	20.8	107.8	0.88	371.5
242	5.2	26.2	0.12	0.68	0.15	64	0.36	0.04	19.8	123.2	0.9	427.7
243	3	25.4	0.14	0.47	0.09	96	0.45	0.066	11.1	117	1.24	262.6
244	5	21.9	0.12	0.63	0.13	56	0.3	0.04	20	101.4	0.86	381.8
245	6.1	25	0.23	0.87	0.15	68	0.36	0.047	20	177.4	1.05	368
246	4.3	29.1	0.34	0.77	0.12	69	0.4	0.06	15.8	101.7	0.97	340

Sample#	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
247	4.3	26.2	0.33	0.66	0.08	85	0.45	0.068	15.7	151.4	1.36	348.6
248	4.8	22.1	0.06	0.66	0.12	45	0.31	0.04	16.1	105.6	0.68	357
249	5.5	26.6	0.09	0.71	0.16	55	0.37	0.04	18.7	95.4	0.84	384.2
250	4.7	28.8	0.11	0.78	0.13	47	0.38	0.047	16.5	83.6	0.7	393.8
251	5.5	28.5	0.09	1.02	0.16	55	0.41	0.043	18.6	111.3	0.86	412.7
252	5.2	27	0.08	0.87	0.16	53	0.37	0.037	17.4	122.3	0.77	399.5
253	4.9	22	0.15	1.11	0.49	55	0.31	0.03	16.6	227.7	1.12	328.3
254	4.8	24.4	0.1	0.83	0.28	49	0.35	0.034	16.3	140.9	0.86	357.9
255	4.9	21.7	0.07	0.81	0.24	50	0.32	0.03	15.6	153.4	0.92	300.5
256	4.8	19.1	0.06	0.74	0.22	49	0.28	0.024	15	112.9	0.73	320.4
257	5.1	22	0.06	0.98	0.25	49	0.31	0.028	16.3	80.7	0.69	376.8
258	5.2	23	0.1	0.93	0.22	45	0.33	0.038	16	106.5	0.72	373.6
259	4.8	24.2	0.11	0.88	0.2	44	0.34	0.042	15.3	86.4	0.66	355.6
260	4.4	23	0.08	0.78	0.28	42	0.33	0.041	13.7	84.8	0.68	336.8
261	4.7	26.3	0.14	0.87	0.17	44	0.38	0.055	15	86.5	0.68	411.9
262	5.2	25.6	0.08	0.92	0.16	49	0.39	0.043	17.1	48.9	0.57	418.1
345	4.8	24.2	0.1	0.76	0.15	45	0.32	0.037	16.1	85.5	0.81	380.4
346	4.9	25.5	0.09	0.63	0.37	48	0.35	0.03	17.8	147.9	1.27	368.7
347	5	22.1	0.08	0.74	0.23	42	0.32	0.029	18	98.2	0.81	307.2
348	4.6	23.6	0.08	0.6	0.16	42	0.31	0.035	15.4	80.6	0.74	349.1
349	4.6	26	0.08	0.65	0.16	44	0.35	0.038	16.2	76.3	0.68	352.8
350	3.7	19.1	0.09	0.49	0.12	39	0.25	0.035	15.2	66	0.57	240.2
351	4.1	21.1	0.09	0.55	0.14	39	0.28	0.037	15.8	66.7	0.57	259.3
352	4.8	28.8	0.07	0.74	0.15	45	0.42	0.04	17	74.3	0.65	354.5
353	4.9	31.4	0.14	0.79	0.18	47	0.45	0.045	18.3	82.1	0.72	400.2
354	5.1	26.8	0.09	0.81	0.17	52	0.37	0.035	19.1	149.3	0.94	400.8
355	4.9	13.2	0.13	0.35	0.11	69	0.21	0.037	22.6	327.5	1.41	200.9
356	5.4	11.6	0.18	0.65	0.25	75	0.17	0.033	29.9	252	0.9	227.9
357	4.1	18.6	0.23	0.65	0.19	58	0.26	0.039	17.4	274	1.16	237.8
358	4.5	24.8	0.08	0.8	0.22	45	0.32	0.035	16.1	96.7	0.66	347.7
359	3.4	21.6	0.09	0.63	0.16	38	0.29	0.028	12.5	135.4	0.86	271
360	4.6	28.1	0.1	0.84	0.21	51	0.4	0.043	18.6	115.9	0.76	374.7
361	4.2	28.9	0.17	0.97	0.2	50	0.39	0.045	18	183.1	0.9	334.5
362	4.6	22.6	0.09	0.79	0.19	55	0.31	0.042	17.2	220.7	0.84	302.9

Sample#	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
363	4.3	20.8	0.08	0.75	0.14	60	0.31	0.049	17	276.6	0.92	302.8
364	3.7	26.3	0.1	0.68	0.14	53	0.38	0.045	16.3	220.3	0.81	320
365	3.6	22.8	0.07	0.52	0.14	44	0.3	0.042	14.4	69.7	0.61	325
366	4.3	7.1	0.08	0.35	0.11	34	0.09	0.007	15.5	144.7	0.54	123.4
367	4.2	17.4	0.05	0.64	0.15	57	0.22	0.053	15.2	118.6	0.64	300.4
368	22.5	22.3	0.17	0.42	0.2	32	0.18	0.054	41	84.4	0.38	177.1
369	44.4	36.8	0.49	0.36	0.25	18	0.31	0.119	131.3	42.9	0.25	146.6
370	3.9	50.8	0.31	0.81	0.16	43	0.78	0.076	12.7	31	0.62	336.3
371	4.1	50.6	0.27	0.6	0.16	44	0.78	0.073	16.7	47.5	0.62	309.7
372	3.2	83.7	0.36	0.51	0.15	42	1.18	0.063	15.9	47	0.71	428.5
373	3	14.9	0.27	0.46	0.1	46	0.22	0.042	8	139.9	0.87	105.4
374	2.5	10.7	0.23	0.31	0.08	31	0.21	0.023	8.3	105.3	0.61	66.2
375	3.8	24.4	0.23	0.69	0.12	35	0.35	0.066	12.4	20.6	0.37	196.8
376	3.4	22.3	0.12	0.64	0.12	35	0.31	0.071	12.3	19.9	0.38	224.6
378	4.5	26	0.07	0.7	0.17	50	0.38	0.042	16.2	88	0.76	369.3
379	5.4	27.3	0.08	0.92	0.18	48	0.36	0.048	18.3	69.8	0.66	372.3
380	4.1	25.5	0.05	0.58	0.13	44	0.37	0.054	14.6	65.6	0.6	332.1
381	4.2	27.6	0.08	0.74	0.18	50	0.38	0.045	15.8	64.3	0.65	354.8
382	4.4	30.4	0.12	0.74	0.18	50	0.43	0.045	16.9	58.1	0.63	394.1
383	4.2	32.1	0.14	0.78	0.17	44	0.43	0.067	16.2	35	0.47	379.2
384	4.4	32.1	0.11	0.73	0.18	48	0.44	0.051	16.8	38.7	0.47	403.4
385	5.2	28.1	0.23	1.02	0.18	42	0.37	0.066	16.7	31.7	0.43	351.1
386	5.1	28.1	0.26	0.81	0.17	41	0.39	0.066	15.8	59.7	0.62	379.5
387	5.1	31.7	0.18	0.99	0.2	45	0.42	0.065	17.1	34.2	0.48	419.9
389	4.8	24	0.25	0.67	0.14	40	0.38	0.058	15.3	123	0.9	325.6
390	3	10.1	0.37	0.49	0.32	86	0.18	0.018	8	139.4	0.92	25.5
391	5.4	12	0.15	0.36	0.23	81	0.21	0.047	22.6	283.1	1.05	135.2
392	4.3	13.5	0.15	0.33	0.14	82	0.25	0.031	16.9	362.6	1.47	153.2
393	3.5	12.2	0.19	0.79	0.28	59	0.11	0.023	14.3	28.6	0.37	266.5
394	3.6	15	0.17	1.01	0.21	50	0.14	0.026	13.2	42.9	0.53	342.1
395	4.4	14.7	0.26	1.26	0.23	59	0.15	0.038	13.6	84.8	0.72	424.2
396	7	24.6	0.23	1.44	0.28	68	0.23	0.04	23.6	44.7	0.64	381.8
397	4.2	26.4	0.16	0.8	0.23	54	0.25	0.052	14.7	31.2	0.42	441.3
398	3.4	19.5	0.13	0.78	0.22	49	0.18	0.028	14.7	24	0.35	286.2
399	4.7	13.4	0.2	1.14	0.22	58	0.1	0.044	13.4	35.3	0.4	307.9

Sample#	Th												
400	4.8	13.8	0.14	1.1	0.24	66	0.1	0.029	16	40.1	0.47	301	
401	6.6	16.7	0.07	0.98	0.18	45	0.13	0.034	22	30.9	0.39	242.3	
402	6.2	15.2	0.09	0.94	0.16	42	0.13	0.032	20.7	29.1	0.36	227.5	
403	5.9	17.3	0.12	0.87	0.21	61	0.17	0.026	17.3	38.1	0.48	468.2	
404	2.4	15.4	0.05	0.67	0.11	27	0.32	0.019	10.7	17	0.32	273.7	
405	3.3	34.9	0.11	0.74	0.17	38	0.55	0.086	14.2	26.7	0.5	270.9	
406	3.3	36.3	0.19	0.78	0.17	39	0.61	0.084	14.1	25.5	0.46	306	
407	3	27.7	0.21	0.61	0.17	41	0.37	0.078	13.6	23.5	0.41	360.6	
408	3.1	30.4	0.11	0.69	0.18	42	0.43	0.08	13.8	23.6	0.41	262.2	
409	4.7	31.6	0.12	0.61	0.19	43	0.46	0.079	17.4	49.2	0.65	257.1	
410	4.7	27.7	0.24	0.52	0.18	43	0.41	0.083	22.2	55.2	0.71	369.4	
533	3.1	22.1	0.07	0.48	0.1	59	0.39	0.029	10	147.5	1.2	289.1	
534	3.3	22.1	0.05	0.49	0.11	47	0.36	0.033	11.1	141.1	0.87	276.6	
535	3.4	22.4	0.08	0.62	0.12	60	0.37	0.031	11.5	237.6	1.12	273.6	
537	3	18.2	0.03	0.46	0.11	44	0.27	0.024	11.9	119.3	0.71	272.2	
538	2.8	14.8	0.05	0.47	0.09	67	0.21	0.014	9	275.1	0.83	200.7	
539	2.6	17.6	0.07	0.53	0.1	66	0.28	0.021	9.4	330.7	1.03	222.5	
540	2.7	23.3	0.07	0.49	0.1	63	0.36	0.026	9	387.5	1.6	275.1	
541	3.5	19.9	0.05	0.54	0.13	33	0.27	0.034	12.3	72.6	0.61	274.2	
542	4.2	19.3	0.37	0.72	0.15	48	0.27	0.048	12.8	162	0.93	249.5	
543	3.5	16	0.39	0.65	0.13	48	0.24	0.041	10.6	209.3	1.04	216.3	
544	2.3	16	0.35	0.35	0.08	52	0.33	0.028	6.6	222.1	1.94	157.5	
545	2.1	5.8	0.23	0.29	0.07	25	0.08	0.012	7.5	83.9	0.3	102	
546	3.1	7.4	0.38	0.32	0.1	49	0.11	0.013	11.3	109.9	0.5	120	
547	2.7	8.6	0.35	0.46	0.11	40	0.14	0.021	10.2	137.2	0.68	112.1	
552	2.9	10.7	0.32	0.4	0.08	36	0.21	0.026	8.5	130.9	0.88	79.1	
553	2.5	28.4	0.17	0.59	0.14	40	0.52	0.058	10.3	125.6	2.55	260.2	
554	2.4	33.4	0.17	0.7	0.14	41	0.61	0.073	10	31	0.58	309.7	
555	2.6	23.8	0.26	0.51	0.13	40	0.39	0.07	10.8	105.5	1.36	214.7	
556	2.8	24.5	0.23	0.54	0.14	40	0.41	0.065	12	51.8	0.66	239	
557	2.9	31.9	0.3	0.75	0.24	43	0.6	0.066	11.9	28	0.5	379.3	
558	3.5	30.9	0.32	0.86	0.18	45	0.67	0.074	12.6	26.7	0.58	405.8	
559	4.1	27.5	0.19	0.76	0.18	40	0.42	0.075	14.2	31.2	0.47	283.4	
560	3.5	32.1	0.34	0.91	0.16	38	0.83	0.081	12	23.5	0.63	350.9	
561	2.3	23.4	0.18	0.47	0.14	38	0.35	0.052	10.9	21.6	0.33	279.1	

Sample#	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
562	3.6	31.7	0.29	0.77	0.15	41	0.84	0.08	12.2	24	0.57	359.5
563	3.8	28.5	0.3	0.87	0.19	41	0.68	0.079	12.8	24.4	0.55	371.2
564	4	35.7	0.32	0.93	0.18	46	0.89	0.072	13.7	28.6	0.59	434.4
565	4	26.8	0.19	0.83	0.18	49	0.4	0.072	13.6	31.7	0.53	405.3

Sample#	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
181	0.019		2	0.97	0.004	0.04	0.1	3.1	0.09	<0.02	27	0.2	0.05
182	0.005		1	0.43	0.001	0.03	<0.1	0.9	0.06	<0.02	<5	<0.1	0.03
183	0.013	<1		0.65	0.004	0.05	0.2	1.3	0.07	<0.02	<5	0.2	0.03
184	0.017		1	0.97	0.006	0.04	0.2	2.7	0.08	<0.02	17	0.2	0.04
185	0.033	<1		2.33	0.002	0.14	<0.1	6.7	0.14	<0.02	18	<0.1	0.07
186	0.031		1	1.44	0.007	0.04	0.2	4.5	0.08	<0.02	34	0.3	0.05
187	0.035		1	1.68	0.007	0.04	0.1	5.9	0.09	<0.02	32	0.2	0.04
188	0.033		1	1.6	0.01	0.06	0.2	5.5	0.09	<0.02	43	0.2	0.05
189	0.026		1	1.36	0.007	0.06	0.2	4.7	0.09	<0.02	19	0.3	0.03
190	0.033		1	1.84	0.006	0.06	0.2	5.4	0.1	<0.02	25	0.2	0.04
191	0.045		2	1.15	0.013	0.04	0.3	3.4	0.09	<0.02	33	0.2	0.03
192	0.025		1	1.28	0.008	0.07	0.2	4.5	0.1	<0.02	36	0.4	0.06
193	0.057		1	1.58	0.014	0.05	0.2	4.2	0.09	<0.02	40	0.1	0.04
194	0.049		1	1.52	0.013	0.05	0.2	4.4	0.09	<0.02	43	0.1	0.04
195	0.055		1	1.58	0.013	0.05	0.2	4.1	0.09	<0.02	33	0.2	0.03
196	0.05		2	1.64	0.012	0.06	0.2	5.1	0.09	<0.02	51	0.2	0.03
197	0.083		1	2.65	<0.001	0.4	<0.1	4.9	0.15	0.03	13	0.3	0.03
198	0.029	<1		1.06	0.004	0.06	0.2	2.5	0.07	<0.02	21	0.1	<0.02
199	0.013	<1		0.83	0.002	0.03	<0.1	2.5	0.07	<0.02	12	<0.1	0.03
200	0.028	<1		1.24	0.006	0.04	0.1	3.6	0.08	<0.02	18	0.2	0.03
201	0.029	<1		1.35	0.007	0.05	0.1	3.4	0.11	<0.02	28	0.3	0.05
202	0.042		1	1.42	0.009	0.04	0.2	4.1	0.1	<0.02	46	0.1	0.03
203	0.057		1	1.5	0.012	0.08	0.2	4.5	0.12	<0.02	36	0.1	0.03
204	0.051		1	1.43	0.012	0.07	0.1	4.7	0.12	<0.02	48	0.2	0.04
205	0.036		1	1.23	0.007	0.05	0.1	3.7	0.1	<0.02	34	<0.1	0.05
206	0.024	<1		1.4	0.001	0.08	<0.1	5.3	0.14	<0.02	25	<0.1	0.04
207	0.022	<1		1.21	<0.001	0.04	<0.1	5.4	0.1	<0.02	38	<0.1	0.03
208	0.014	<1		0.94	<0.001	0.05	<0.1	4.4	0.14	<0.02	32	0.1	0.09
209	0.052	<1		1.63	0.004	0.14	0.1	5	0.17	<0.02	30	0.2	0.09
210	0.023		1	1.32	0.003	0.07	0.1	3.5	0.1	<0.02	14	0.2	0.05
211	0.005	<1		0.54	0.002	0.11	<0.1	1.1	0.14	<0.02	13	<0.1	<0.02
212	0.012	<1		1.18	<0.001	0.16	<0.1	3.4	0.12	<0.02	9	<0.1	0.03
213	0.043	<1		2.44	<0.001	0.11	<0.1	7.7	0.11	<0.02	17	<0.1	0.04

Sample#	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
214	0.008	<1		1.36	<0.001	0.12	<0.1	4.1	0.13	<0.02	34	0.1	0.17
215	0.03	<1		2.74	<0.001	0.08	<0.1	6.1	0.09	<0.02	12	0.2	0.09
216	0.04	<1		1.18	0.008	0.03	0.2	2.9	0.08	<0.02	19	0.4	0.03
217	0.044		2	1.55	0.009	0.05	0.1	4.1	0.06	<0.02	38	0.3	0.04
218	0.045		1	1.3	0.011	0.04	0.1	3.8	0.04	<0.02	35	0.1	0.03
219	0.049	<1		1.69	0.009	0.05	0.1	4.7	0.06	<0.02	32	<0.1	<0.02
220	0.038	<1		1.4	0.007	0.05	0.1	3	0.07	<0.02	14	0.2	0.03
221	0.047	<1		1.61	0.01	0.05	0.1	4.5	0.06	<0.02	25	0.3	0.02
222	0.042	<1		1.59	0.01	0.05	0.2	5	0.07	<0.02	40	0.3	0.02
223	0.049	<1		1.69	0.014	0.05	0.1	5.4	0.07	<0.02	37	0.2	0.04
224	0.055		1	1.67	0.016	0.06	0.2	4.7	0.08	<0.02	48	0.2	<0.02
225	0.05	<1		1.75	0.016	0.07	0.2	5	0.08	<0.02	36	0.2	0.03
226	0.063		1	1.84	0.013	0.06	0.2	5.1	0.07	<0.02	34	0.2	0.04
227	0.015		1	1.56	0.006	0.07	0.1	10.9	0.07	<0.02	32	0.2	<0.02
228	0.058		2	1.81	0.014	0.07	0.2	5.4	0.08	<0.02	39	0.2	<0.02
229	0.046		2	1.58	0.01	0.05	0.2	6.2	0.07	<0.02	36	<0.1	0.02
230	0.027	<1		0.98	0.002	0.03	0.3	3.5	0.04	<0.02	24	0.1	0.03
231	0.013	<1		1.13	0.009	0.05	0.2	1.5	0.08	0.05	30	1.2	0.04
232	0.048	<1		1.32	0.011	0.05	0.2	4.5	0.06	<0.02	49	0.4	<0.02
233	0.007	<1		0.84	0.003	0.04	0.4	4.4	0.04	<0.02	37	0.7	0.1
234	0.013	<1		1.47	0.003	0.06	0.4	2.3	0.07	<0.02	6	0.6	0.1
235	0.033	<1		1.84	0.004	0.05	0.2	5.3	0.09	<0.02	41	0.2	0.06
236	0.025	<1		1.37	0.003	0.05	0.1	3.1	0.08	<0.02	14	0.2	0.03
237	0.02	<1		1.05	0.001	0.03	<0.1	3.8	0.04	<0.02	19	0.3	0.04
238	0.012	<1		0.82	0.001	0.05	<0.1	4.5	0.06	<0.02	9	<0.1	<0.02
239	0.015	<1		0.8	0.002	0.04	<0.1	2.8	0.05	<0.02	13	0.3	0.02
240	0.043	<1		1.68	0.008	0.05	<0.1	5.3	0.05	0.04	42	0.8	0.03
241	0.063	<1		1.72	0.01	0.07	<0.1	5.6	0.06	<0.02	29	0.4	0.04
242	0.05	<1		1.82	0.007	0.05	<0.1	5.7	0.06	<0.02	37	0.3	0.06
243	0.092	<1		1.9	0.006	0.06	<0.1	8.4	0.04	<0.02	21	0.2	<0.02
244	0.041	<1		1.7	0.006	0.05	<0.1	5	0.05	<0.02	20	0.3	0.04
245	0.064	<1		1.76	0.01	0.07	0.1	5.9	0.07	<0.02	20	0.2	0.06
246	0.07	<1		1.89	0.012	0.08	<0.1	6.7	0.08	<0.02	26	0.3	0.03

Sample#	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
247	0.119	<1		2.35	0.005	0.06	<0.1	9.7	0.06	<0.02	33	0.4	0.06
248	0.04	<1		1.36	0.008	0.04	0.2	4	0.05	<0.02	40	0.3	0.03
249	0.053	<1		1.83	0.01	0.06	0.2	5.3	0.07	<0.02	37	0.4	0.07
250	0.041	<1		1.49	0.012	0.05	0.1	4.2	0.06	<0.02	26	0.4	0.04
251	0.041	<1		1.65	0.011	0.05	0.2	5	0.06	<0.02	40	0.4	0.04
252	0.05	<1		1.64	0.013	0.05	0.2	4.9	0.06	<0.02	41	0.3	0.05
253	0.054		3	1.67	0.009	0.05	0.3	5.8	0.11	<0.02	73	0.4	0.04
254	0.043		1	1.62	0.011	0.05	0.1	5.1	0.09	<0.02	42	0.3	0.04
255	0.047		1	1.64	0.011	0.05	0.1	5.3	0.08	<0.02	39	0.3	0.02
256	0.04	<1		1.61	0.01	0.05	0.2	4.8	0.07	<0.02	40	0.4	<0.02
257	0.053		2	1.54	0.01	0.05	0.2	4.5	0.07	<0.02	53	0.4	<0.02
258	0.042		1	1.38	0.011	0.05	0.2	4.2	0.07	<0.02	45	0.3	<0.02
259	0.037		1	1.3	0.008	0.04	0.2	3.8	0.06	<0.02	52	0.3	0.04
260	0.032		1	1.26	0.009	0.04	0.2	3.7	0.02	<0.02	36	0.2	<0.02
261	0.033	<1		1.23	0.01	0.04	0.2	3.5	0.05	<0.02	46	0.3	<0.02
262	0.053	<1		1.51	0.011	0.05	0.3	3.9	0.06	<0.02	51	0.3	0.04
345	0.038	<1		1.43	0.01	0.05	0.2	4	0.06	<0.02	32	0.1	0.03
346	0.041	<1		1.6	0.01	0.05	0.1	4.9	0.06	<0.02	27	0.2	<0.02
347	0.048	<1		1.44	0.007	0.05	0.2	3.7	0.09	<0.02	18	0.2	<0.02
348	0.033	<1		1.43	0.009	0.04	0.1	3.6	0.06	<0.02	21	0.1	0.05
349	0.044	<1		1.45	0.011	0.05	0.2	3.8	0.06	<0.02	21	0.2	0.05
350	0.037	<1		1.14	0.007	0.04	0.1	2.4	0.05	<0.02	11	0.2	<0.02
351	0.04	<1		1.22	0.007	0.04	0.2	2.8	0.05	<0.02	24	0.1	0.02
352	0.038	<1		1.39	0.013	0.05	0.2	3.6	0.05	<0.02	30	0.2	0.03
353	0.044	<1		1.5	0.015	0.06	0.2	4	0.07	<0.02	31	0.2	0.04
354	0.051	<1		1.76	0.011	0.06	0.1	5	0.08	<0.02	45	0.2	0.03
355	0.027	<1		1.94	0.002	0.07	<0.1	7	0.08	<0.02	26	<0.1	0.03
356	0.025		3	1.54	0.003	0.07	<0.1	6.8	0.1	<0.02	25	0.1	0.09
357	0.037		3	1.49	0.005	0.06	<0.1	5.5	0.09	<0.02	29	0.1	0.04
358	0.045		3	1.35	0.01	0.05	0.2	4	0.08	<0.02	36	0.3	0.04
359	0.032		2	1.39	0.007	0.04	<0.1	3.8	0.07	<0.02	27	0.2	0.02
360	0.048		3	1.57	0.01	0.05	0.2	4.6	0.08	<0.02	30	0.3	0.02
361	0.04		3	1.58	0.009	0.05	0.2	5.2	0.08	<0.02	38	0.3	0.05
362	0.051		2	1.61	0.009	0.05	0.2	4.8	0.08	<0.02	23	0.3	0.04

Sample#	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
363	0.036		1	1.76	0.007	0.05	0.1	5.8	0.07	<0.02	31	0.2	0.03
364	0.033		1	1.62	0.007	0.05	0.1	4.8	0.06	<0.02	24	0.2	0.03
365	0.036		1	1.33	0.007	0.05	0.1	3.3	0.06	<0.02	15	0.2	0.03
366	0.016	<1		0.79	0.002	0.03	<0.1	3.2	0.06	<0.02	20	<0.1	0.05
367	0.026	<1		1.37	0.006	0.04	<0.1	3.8	0.05	<0.02	16	0.4	0.05
368	0.014	<1		0.78	0.005	0.07	<0.1	2.5	0.07	0.05	12	0.3	0.04
369	0.008		1	0.6	0.006	0.18	<0.1	1.7	0.12	0.04	15	0.5	0.05
370	0.052		3	1.17	0.02	0.09	0.3	3.2	0.08	0.08	34	0.7	<0.02
371	0.035		2	1.26	0.015	0.05	0.2	3.4	0.08	0.07	27	0.3	0.04
372	0.029		2	1.23	0.015	0.05	0.1	3	0.07	0.11	30	0.4	0.03
373	0.022	<1		0.99	0.004	0.03	0.2	3.2	0.04	0.18	75	0.3	<0.02
374	0.018		1	0.69	0.003	0.03	0.1	2.3	0.03	<0.02	60	0.2	0.02
375	0.032		2	0.89	0.011	0.05	0.2	2.5	0.06	<0.02	28	0.4	<0.02
376	0.033		1	0.87	0.01	0.04	0.2	2.2	0.06	<0.02	26	0.2	0.03
378	0.05	<1		1.52	0.009	0.04	0.2	4	0.07	<0.02	25	0.2	0.05
379	0.052		1	1.41	0.012	0.05	0.2	4	0.07	<0.02	33	0.2	<0.02
380	0.035	<1		1.25	0.009	0.03	0.2	3.5	0.04	<0.02	24	0.1	0.03
381	0.044		1	1.53	0.011	0.05	0.1	3.9	0.06	<0.02	26	0.2	0.04
382	0.039	<1		1.53	0.011	0.05	0.2	4	0.06	<0.02	39	0.3	0.04
383	0.039		2	1.25	0.013	0.05	0.2	3.3	0.06	<0.02	37	0.3	0.03
384	0.037	<1		1.41	0.011	0.04	0.2	3.6	0.06	<0.02	33	0.6	0.04
385	0.042	<1		1.27	0.013	0.06	0.1	3.5	0.07	<0.02	46	0.2	0.03
386	0.04	<1		1.25	0.012	0.05	0.2	3.5	0.06	<0.02	30	<0.1	<0.02
387	0.043		1	1.37	0.015	0.05	0.2	3.7	0.07	<0.02	44	0.3	0.03
389	0.036	<1		1.24	0.008	0.04	<0.1	3.9	0.06	<0.02	24	<0.1	0.03
390	0.033	<1		1.35	<0.001	0.02	<0.1	3.8	<0.02	<0.02	13	<0.1	0.08
391	0.029	<1		1.63	0.002	0.07	<0.1	7	0.11	<0.02	25	<0.1	0.09
392	0.039	<1		1.87	0.002	0.06	<0.1	7.2	0.09	<0.02	22	<0.1	0.05
393	0.042		1	1.75	0.005	0.04	0.2	2.7	0.14	<0.02	28	0.4	0.05
394	0.044		2	1.5	0.006	0.05	0.1	2.5	0.11	<0.02	14	0.2	0.03
395	0.042		2	1.58	0.004	0.06	0.2	3.1	0.13	<0.02	10	0.3	0.04
396	0.086		2	2.04	0.01	0.09	0.2	6.4	0.12	<0.02	75	0.7	0.05
397	0.041		1	1.67	0.007	0.06	0.2	3.1	0.12	<0.02	20	0.2	0.04
398	0.037	<1		1.32	0.006	0.07	0.2	2.2	0.09	<0.02	13	0.3	0.04
399	0.038		1	1.95	0.003	0.07	0.1	2.9	0.13	<0.02	22	0.4	0.05

Sample#	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
400	0.047		1	2.2	0.004	0.06	0.2	3.6	0.12	<0.02	29	0.4	0.04
401	0.047	<1		1.3	0.006	0.05	0.3	6	0.07	<0.02	48	0.5	0.02
402	0.047		1	1.2	0.005	0.05	0.2	5.5	0.07	<0.02	55	0.4	0.03
403	0.043	<1		2.07	0.007	0.06	0.1	4.1	0.11	<0.02	22	0.3	0.06
404	0.024		1	0.77	0.006	0.03	0.2	2.2	0.05	<0.02	63	0.3	0.03
405	0.043		2	0.99	0.013	0.04	0.4	2.7	0.06	<0.02	33	0.3	0.03
406	0.041		2	1.01	0.013	0.04	0.6	2.9	0.06	<0.02	38	0.4	0.03
407	0.029		1	1.07	0.01	0.04	0.4	2.6	0.06	<0.02	35	0.4	0.03
408	0.036		1	1.03	0.009	0.04	0.4	2.5	0.07	<0.02	33	0.4	0.04
409	0.037		1	1.12	0.009	0.04	0.4	2.9	0.06	0.02	36	0.4	<0.02
410	0.045		1	1.39	0.008	0.05	0.2	3.7	0.08	<0.02	38	0.3	<0.02
533	0.04	<1		1.85	0.006	0.03	<0.1	4.7	0.04	<0.02	29	0.3	<0.02
534	0.031	<1		1.45	0.006	0.03	<0.1	3.9	0.03	<0.02	21	0.5	<0.02
535	0.043	<1		1.72	0.007	0.04	<0.1	4.6	0.04	<0.02	6	0.2	<0.02
537	0.037	<1		1.33	0.007	0.03	0.1	3.2	0.04	<0.02	7	0.2	<0.02
538	0.055	<1		1.44	0.007	0.03	<0.1	3.6	0.04	<0.02	26	0.1	<0.02
539	0.029	<1		1.54	0.004	0.03	<0.1	3.9	0.04	<0.02	19	0.4	<0.02
540	0.047	<1		1.85	0.005	0.03	<0.1	6.2	0.03	<0.02	35	0.7	<0.02
541	0.033	<1		1.16	0.005	0.03	0.1	3.3	0.04	<0.02	23	0.5	0.02
542	0.034	<1		1.29	0.004	0.03	<0.1	3.9	0.04	<0.02	38	0.8	0.04
543	0.03	<1		1.09	0.002	0.03	<0.1	3.4	0.02	<0.02	13	0.5	<0.02
544	0.053	<1		1.79	<0.001	0.02	0.2	5.1	<0.02	<0.02	31	0.4	<0.02
545	0.014	<1		0.37	0.001	0.01	<0.1	1.4	<0.02	<0.02	9	0.4	<0.02
546	0.018	<1		0.68	0.001	0.02	<0.1	2.6	<0.02	<0.02	64	0.2	<0.02
547	0.024	<1		0.79	0.001	0.03	0.1	3	0.04	<0.02	18	0.7	0.02
552	0.03	<1		0.96	0.003	0.04	0.3	3	0.04	<0.02	148	0.6	<0.02
553	0.039		3	1.19	0.011	0.04	0.2	4	0.05	<0.02	30	0.7	<0.02
554	0.045		2	1.18	0.013	0.05	0.2	3.2	0.05	0.02	36	0.7	<0.02
555	0.04		1	1.11	0.008	0.04	0.3	3.4	0.04	<0.02	34	0.7	0.02
556	0.038	<1		1.09	0.009	0.04	0.3	2.8	0.05	<0.02	24	0.7	<0.02
557	0.036		2	1.1	0.013	0.05	0.3	2.5	0.07	0.03	36	0.3	0.04
558	0.041		2	1.09	0.016	0.06	0.3	2.6	0.07	<0.02	25	0.4	<0.02
559	0.034		1	1.03	0.011	0.04	0.3	2.4	0.06	<0.02	41	0.3	0.03
560	0.04		1	0.96	0.015	0.05	0.2	2.6	0.07	<0.02	39	0.2	0.03
561	0.027	<1		1	0.008	0.04	0.3	1.9	0.06	<0.02	30	0.4	<0.02

Sample#	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
562	0.041	<1		0.95	0.014	0.05	0.3	2.5	0.06	<0.02	28	0.2	0.03
563	0.043		1	0.99	0.014	0.05	0.3	2.6	0.07	<0.02	31	0.3	0.04
564	0.043		1	1.19	0.015	0.06	0.2	3	0.07	<0.02	30	0.5	0.02
565	0.039	<1		1.26	0.013	0.05	0.3	3	0.06	<0.02	40	0.4	0.03

Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
181	2.7	0.39	<0.1	0.13	0.24	5.5	1.4	<0.05	6.8	14.32	74.9	0.06
182	1.4	0.21	<0.1	<0.02	0.16	4	1.1	<0.05	0.8	6.8	92.5	<0.02
183	1.8	0.3	<0.1	0.03	0.34	4.7	0.6	<0.05	1.6	7.16	64.7	<0.02
184	2.6	0.35	<0.1	0.04	0.34	6.4	1.5	<0.05	2.2	7.06	38.6	0.02
185	6.9	1.33	<0.1	0.07	0.16	16.5	1	<0.05	2.8	13.93	43.8	0.04
186	4	0.41	<0.1	0.06	0.41	5.6	2.3	<0.05	3.2	10.88	31.6	0.03
187	4.6	0.5	<0.1	0.13	0.31	6.4	1.5	<0.05	5.6	10.61	27.8	0.02
188	4.5	0.68	<0.1	0.18	0.24	7.5	2.5	<0.05	8.9	12.82	32.5	0.03
189	3.8	0.68	<0.1	0.06	0.4	7.2	1.6	<0.05	2.7	12.56	38	0.02
190	5.1	0.79	<0.1	0.08	0.22	8.1	1.6	<0.05	5.1	13.28	39.2	0.03
191	3.4	0.46	<0.1	0.12	0.38	5.3	1.5	<0.05	6.7	8.99	33	<0.02
192	3.4	0.63	<0.1	0.13	0.29	6.1	1.6	<0.05	8	10.91	47.2	0.03
193	4.4	0.51	<0.1	0.15	0.53	6.8	3.5	<0.05	7.6	8.95	30.8	0.03
194	4.3	0.52	<0.1	0.17	0.57	6.5	1.9	<0.05	8.6	9.42	28.6	0.02
195	4.4	0.53	<0.1	0.18	0.49	6.9	3.2	<0.05	9	9.25	29.6	0.03
196	4.7	0.54	<0.1	0.27	0.21	6.6	1.6	<0.05	12.7	12.2	30.5	0.03
197	8.5	1.77	<0.1	0.04	0.15	21.8	0.9	<0.05	1.9	8.45	24.5	0.02
198	3.2	0.47	<0.1	<0.02	0.53	8.6	0.7	<0.05	1	4.31	36.1	<0.02
199	2.3	0.51	<0.1	0.03	0.29	4.4	0.7	<0.05	1.2	4.18	32.5	<0.02
200	3.7	0.55	<0.1	0.11	0.33	5.9	0.8	<0.05	5.8	5.88	36.6	0.03
201	4.1	0.59	<0.1	0.03	0.72	7.9	0.6	<0.05	1.6	8.38	38.9	0.02
202	4.2	0.51	<0.1	0.08	0.58	6.2	1.1	<0.05	5.1	9.43	29.4	0.03
203	4.5	0.7	<0.1	0.09	0.55	7.9	1.2	<0.05	4.6	10.08	31.4	0.03
204	4.3	0.73	<0.1	0.15	0.35	8	0.7	<0.05	8.1	10.21	42	0.03
205	3.5	0.58	<0.1	0.12	0.21	6.5	1.2	<0.05	6.8	9.06	42.5	0.03
206	4.4	1.07	<0.1	0.12	0.14	8.3	0.8	<0.05	5.2	14.39	107.6	0.03
207	4.2	0.79	<0.1	0.07	0.22	7.3	1.2	<0.05	3.3	9.77	59.7	0.03
208	3.2	1.19	<0.1	0.05	0.15	5.1	1.4	<0.05	3.8	19.96	45.4	0.03
209	5.2	2.14	<0.1	0.06	0.41	20.5	0.7	<0.05	3.9	19.08	44	0.03
210	4.2	1.27	<0.1	<0.02	0.48	10.2	0.8	<0.05	0.8	11.83	61.5	0.03
211	1.7	1.31	<0.1	0.03	0.37	9.5	0.4	<0.05	2.4	19.28	163.7	<0.02
212	3.5	1.18	<0.1	<0.02	0.18	19.3	0.9	<0.05	2.6	20.86	110.5	0.02
213	6.9	1.25	<0.1	0.07	0.17	12.4	0.6	<0.05	1.5	15.04	38.5	0.03

Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
214	5.2	1.35	<0.1	<0.02	0.09	18.1	0.9	<0.05	1	20.38	60.2	0.03
215	7.9	1.17	<0.1	0.06	0.15	12.2	0.4	<0.05	2.5	24.29	83.7	0.03
216	3.5	0.45	<0.1	0.24	0.65	6.4	1.2	<0.05	3.6	5.96	27	<0.02
217	4.5	0.61	<0.1	0.06	0.59	8.4	1.2	<0.05	3.9	9.21	33.1	0.04
218	3.8	0.48	<0.1	0.13	0.29	5.4	1.7	<0.05	7	9.69	30.6	0.02
219	4.4	0.59	<0.1	0.3	0.28	7.4	0.9	<0.05	13.6	11.29	32.8	0.02
220	4.2	0.62	<0.1	0.11	0.44	8.6	0.8	<0.05	5.2	4.84	26.4	<0.02
221	4.4	0.6	<0.1	0.23	0.34	6.8	0.8	<0.05	11.5	9.32	33.6	0.02
222	4.2	0.62	<0.1	0.16	0.44	7.2	1.4	<0.05	9.5	9.15	34.4	<0.02
223	4.8	0.75	<0.1	0.2	0.52	7.4	1	<0.05	10	12.59	35.3	0.02
224	4.8	0.82	<0.1	0.14	0.4	8.4	1.2	<0.05	8.4	10.97	32.4	0.03
225	4.9	0.87	<0.1	0.16	0.46	9.2	1.4	<0.05	7.8	12.29	35.5	0.03
226	5.1	0.81	<0.1	0.26	0.54	8.2	2.5	<0.05	12.6	11.32	34.2	0.03
227	4.1	1.48	<0.1	0.08	0.06	7.9	2.3	<0.05	5.5	21.36	43.4	0.03
228	5.1	0.8	<0.1	0.21	0.37	8.4	1.9	<0.05	10.4	12.12	36.6	0.05
229	4.3	0.72	<0.1	0.23	0.16	7.8	2.4	<0.05	10.6	11.02	29.3	0.03
230	2.4	0.95	<0.1	0.11	0.14	4.3	0.3	<0.05	5.5	6.17	23.6	<0.02
231	3.5	0.63	<0.1	<0.02	0.55	6.4	1.7	<0.05	0.4	9.55	22.7	<0.02
232	3.6	0.52	<0.1	0.17	0.24	6.2	0.9	<0.05	8.5	12.26	32	0.03
233	2.2	0.54	<0.1	0.08	0.15	4.7	1.1	<0.05	4.6	19.77	50.9	0.02
234	3.3	0.69	<0.1	<0.02	0.3	10	1.8	<0.05	0.9	5.24	34.7	0.03
235	5.1	0.84	<0.1	0.13	0.43	9	1	<0.05	6.9	14.93	39	0.03
236	3.7	0.66	<0.1	0.07	0.51	8.2	1.5	<0.05	3.3	5.66	31.9	<0.02
237	3	0.67	<0.1	0.05	0.5	4.6	0.9	<0.05	2.9	18.21	39.9	<0.02
238	2.5	0.78	<0.1	0.04	0.28	7.3	0.5	<0.05	2.2	7.77	27.9	<0.02
239	2.3	0.56	<0.1	0.06	0.3	6.6	0.9	<0.05	3.1	4.85	27.9	<0.02
240	4.5	0.65	<0.1	0.06	1.06	7.6	0.8	<0.05	3.6	12.13	34	0.02
241	4.5	0.82	<0.1	0.08	0.84	8.7	1.5	<0.05	4.9	10.18	39.5	<0.02
242	5	0.62	<0.1	0.09	0.69	8.6	1.3	<0.05	5.2	11.08	37.4	0.02
243	4.7	0.76	<0.1	0.06	0.53	6.9	0.9	<0.05	3.5	8.91	20.9	<0.02
244	4.8	0.63	<0.1	0.05	0.46	7.7	0.8	<0.05	3.2	10.46	35.3	0.03
245	4.9	0.79	<0.1	0.31	0.37	10.1	1	<0.05	12.4	10.93	39.7	0.03
246	5.1	1.15	<0.1	0.08	0.37	10.2	0.8	<0.05	4.5	10.89	28	0.03

Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
247	6.6	1.05	<0.1	0.1	0.55	10.3	1.3	<0.05	4.7	11.52	27.8	<0.02
248	3.5	0.49	<0.1	0.14	0.39	5.9	0.6	<0.05	6.9	10.49	28.6	<0.02
249	4.8	0.64	<0.1	0.17	0.6	8.6	1	<0.05	7.3	11.13	32.9	0.03
250	4.1	0.57	<0.1	0.1	0.57	6.6	0.9	<0.05	5.6	9.68	30.3	0.02
251	4.3	0.63	<0.1	0.17	0.43	7.4	1.3	<0.05	8.7	11.53	34.4	0.03
252	4.2	0.59	<0.1	0.2	0.45	7.5	1.4	<0.05	10.7	10.67	32.4	0.03
253	4.5	0.78	<0.1	0.33	0.27	8.5	2.2	<0.05	14.7	11.59	33.3	0.05
254	4.5	0.58	<0.1	0.17	0.38	6.3	2	<0.05	8.7	11.81	31.6	<0.02
255	4.6	0.58	<0.1	0.29	0.24	6.6	1.8	<0.05	12.5	11.58	30.6	<0.02
256	4.4	0.47	<0.1	0.21	0.31	5.7	2.1	<0.05	10.2	9.41	30.5	<0.02
257	4.2	0.58	<0.1	0.23	0.5	6.6	1	<0.05	10.8	10.33	33.5	0.03
258	4	0.5	<0.1	0.18	0.38	5.8	2.2	<0.05	9.1	10.12	31	0.03
259	3.7	0.43	<0.1	0.16	0.42	5.1	0.8	<0.05	6.8	9.36	29	<0.02
260	3.6	0.44	<0.1	0.11	0.32	5	0.7	<0.05	5.3	8.2	26	0.03
261	3.6	0.45	<0.1	0.15	0.45	4.8	0.8	<0.05	5.8	9.85	28.2	<0.02
262	4.4	0.56	<0.1	0.15	0.44	5.7	1.2	<0.05	10.5	11.21	31	0.03
345	3.9	0.55	<0.1	0.16	0.47	6.1	1.7	<0.05	7.2	8.76	29.5	0.02
346	4.3	0.66	<0.1	0.12	0.41	7.3	1.3	<0.05	6.7	9.46	33	<0.02
347	4.2	0.68	<0.1	0.19	0.5	7.7	1.2	<0.05	8.8	8.33	34.9	0.03
348	3.9	0.48	<0.1	0.14	0.48	6.4	0.6	<0.05	6.5	7.63	28.1	<0.02
349	3.8	0.55	<0.1	0.12	0.53	6.6	0.9	<0.05	7.6	8.4	29.2	0.02
350	3.3	0.5	<0.1	0.07	0.63	6.4	0.5	<0.05	3.3	4.18	28.2	<0.02
351	3.4	0.5	<0.1	0.07	0.66	6.7	0.5	<0.05	3.7	4.78	30.3	0.02
352	3.7	0.51	<0.1	0.12	0.6	6	1	<0.05	5.9	8.73	32.9	<0.02
353	4.2	0.61	<0.1	0.11	0.67	7.6	0.8	<0.05	5.1	9.37	34.9	0.03
354	4.9	0.79	<0.1	0.17	0.41	8.9	1.7	<0.05	10	10.67	34.5	0.03
355	6.5	0.75	<0.1	0.24	<0.02	11.2	0.8	<0.05	8.9	7.79	43.5	0.03
356	6.4	0.57	<0.1	0.33	0.04	9.2	1	<0.05	14	9.58	57	0.03
357	5	0.62	<0.1	0.1	0.29	8.1	2.5	<0.05	6.5	7.45	33.8	0.03
358	3.9	0.59	<0.1	0.1	0.55	7.1	1.5	<0.05	5.5	7.81	30	<0.02
359	3.8	0.48	<0.1	0.1	0.47	6	0.8	<0.05	5.4	6.01	23.2	<0.02
360	4.8	0.66	<0.1	0.1	0.7	7.5	1.4	<0.05	5.7	10.01	33.2	0.02
361	4.6	0.66	<0.1	0.08	0.71	8	4.4	<0.05	4.2	9.87	33.1	0.03
362	4.6	0.64	<0.1	0.13	0.69	7.8	1.6	<0.05	6.8	7.81	31.6	<0.02

Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
363	4.9	0.71	<0.1	0.12	0.34	7.8	1.7	<0.05	5.8	8.97	29.4	0.03
364	4.6	0.62	<0.1	0.03	0.54	7.7	1.4	<0.05	2.3	7.86	28.7	0.03
365	4	0.43	<0.1	0.05	0.64	6.7	0.5	<0.05	3	5.55	26	0.02
366	2.3	0.83	<0.1	0.09	0.1	5.6	0.4	<0.05	5.1	6.77	27.4	<0.02
367	3.7	0.54	<0.1	0.07	0.22	6	0.5	<0.05	4.1	9.13	26.3	<0.02
368	2.3	0.81	<0.1	0.08	0.17	6.7	0.6	<0.05	4.2	9.93	60	<0.02
369	2.2	1.1	0.2	0.07	0.35	12.7	0.4	<0.05	2.5	38.31	233.8	<0.02
370	3.5	0.53	<0.1	0.09	0.92	6.7	0.5	<0.05	4.1	8.04	24.6	0.02
371	3.6	0.6	<0.1	0.04	0.84	7.1	0.5	<0.05	2.2	8.64	31.6	<0.02
372	3.5	0.55	<0.1	0.06	0.94	8	0.7	<0.05	2.7	9.51	30.3	0.02
373	2.4	0.67	<0.1	0.06	0.29	4.3	0.4	<0.05	3.8	5.52	17.6	<0.02
374	1.8	0.48	<0.1	0.03	0.26	3.9	0.7	<0.05	2.1	4.19	16.9	<0.02
375	2.6	0.49	<0.1	0.04	0.44	4.6	0.4	<0.05	1.9	6.88	24.2	<0.02
376	2.8	0.55	<0.1	0.03	0.51	5.4	0.3	<0.05	1.4	6.13	23.3	<0.02
378	4.4	0.59	<0.1	0.11	0.71	6.9	1.5	<0.05	5.5	8.12	28.8	<0.02
379	4.3	0.61	<0.1	0.16	0.73	6.6	1.5	<0.05	8.7	9.83	33.9	0.02
380	3.3	0.4	<0.1	0.07	0.57	4.5	0.7	<0.05	3.6	7.62	26.1	<0.02
381	4.3	0.5	<0.1	0.09	0.8	7.1	0.9	<0.05	5.5	8.3	28.5	0.02
382	4.2	0.47	<0.1	0.08	0.78	6.2	1.1	<0.05	5	9.6	31.6	0.02
383	3.5	0.48	<0.1	0.06	0.61	5.6	0.7	<0.05	3.3	8.78	30.6	<0.02
384	3.9	0.48	<0.1	0.06	0.78	6	0.6	<0.05	3.5	9.51	31.5	0.03
385	3.7	0.55	<0.1	0.13	0.39	6.2	0.7	<0.05	7.3	9.21	31.1	0.02
386	3.5	0.52	<0.1	0.15	0.22	5.5	0.7	<0.05	8	9.46	30.4	0.03
387	4	0.55	<0.1	0.11	0.62	6.2	1	<0.05	5.8	9.42	31.8	0.02
389	3.7	0.5	<0.1	0.18	0.13	5	0.4	<0.05	9.4	7.75	31.1	0.02
390	2.7	0.28	<0.1	0.12	<0.02	1.5	0.4	<0.05	5.4	4.66	16.9	<0.02
391	5.6	0.75	<0.1	0.13	0.1	11.1	1	<0.05	5.8	7.75	43.2	0.03
392	5.8	0.72	<0.1	0.21	0.12	10.2	1.5	<0.05	8.6	6.92	33	0.02
393	5.4	0.72	<0.1	0.06	0.89	6.3	1	<0.05	2.1	2.83	24.4	0.06
394	4.3	0.69	<0.1	0.05	0.79	8.1	1.3	<0.05	1.3	3.06	24.4	0.02
395	4.9	0.85	<0.1	0.04	0.68	9.2	1.2	<0.05	2.2	3.03	24.1	<0.02
396	5.8	1.07	<0.1	0.2	0.99	11	1.8	<0.05	9.4	10.37	41.8	0.02
397	5.1	0.85	<0.1	0.05	0.85	10.2	1.3	<0.05	2.4	2.82	26.1	0.02
398	4.8	0.59	<0.1	0.03	0.79	9.6	0.7	<0.05	1.5	2.33	25	0.02
399	5.2	1.03	<0.1	0.04	0.81	11.1	1.4	<0.05	1.6	2.71	23.1	0.04

Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
400	5.7	0.97	<0.1	0.03	0.89	11.4	1.2	<0.05	1.6	4.1	26.7	0.03
401	3.9	0.58	<0.1	0.19	0.26	6.5	0.7	<0.05	7.2	12.43	41.1	0.03
402	3.4	0.59	<0.1	0.15	0.28	6.2	0.7	<0.05	6.8	11.46	38.1	0.02
403	5.6	0.98	<0.1	0.09	0.78	10.1	1.3	<0.05	5.1	4	31.1	0.03
404	2.2	0.4	<0.1	0.04	0.5	5	0.5	<0.05	2.4	5.98	17.8	<0.02
405	3.2	0.5	<0.1	0.03	0.8	5.6	0.4	<0.05	1.7	5.84	24.6	<0.02
406	3.2	0.52	<0.1	0.03	0.76	5.7	0.4	<0.05	1.6	6.51	25.1	0.03
407	3.6	0.52	<0.1	0.03	0.72	5.6	0.4	<0.05	1.2	6.06	24.4	0.03
408	3.4	0.55	<0.1	0.03	0.75	5.9	0.5	<0.05	1.2	5.35	23.7	0.02
409	3.3	0.69	<0.1	0.03	0.77	7.2	0.5	<0.05	1.3	6.04	31.3	<0.02
410	3.9	0.9	<0.1	<0.02	0.85	7	1	<0.05	0.7	9.48	41.9	0.02
533	4.4	0.42	<0.1	0.12	0.3	4.3	1.2	<0.05	5.8	7.62	19.2	<0.02
534	3.9	0.37	<0.1	0.1	0.49	4.3	1.3	<0.05	4.6	7.5	23.2	<0.02
535	4.7	0.53	<0.1	0.12	0.45	5.1	1.3	<0.05	10	8.16	22.4	0.02
537	3.8	0.46	<0.1	0.07	0.38	5.1	1.6	<0.05	4.9	8.14	22.6	<0.02
538	4.4	0.51	<0.1	0.36	0.15	5.5	1.2	<0.05	16.4	5.83	17	0.03
539	4.6	0.46	<0.1	0.18	0.28	4.5	1.5	<0.05	7.1	6.42	17.1	<0.02
540	4.8	0.56	<0.1	0.12	0.32	4.2	1.7	<0.05	6.3	5.68	17.7	<0.02
541	3.1	0.39	<0.1	0.09	0.32	4	0.7	<0.05	4.7	6.88	23	<0.02
542	3.6	0.49	<0.1	0.13	0.2	4.4	0.8	<0.05	6.2	7.12	25.8	<0.02
543	3	0.36	<0.1	0.1	0.07	3.3	1	<0.05	5.8	5.68	24.8	<0.02
544	3.7	0.66	<0.1	0.1	0.03	2.9	1.1	<0.05	4.8	4.44	14.7	<0.02
545	1.1	0.32	<0.1	0.06	0.04	1.7	0.3	<0.05	3.2	3.42	15.7	<0.02
546	1.8	0.83	<0.1	0.1	0.03	3.6	0.8	<0.05	5	5.22	23.5	<0.02
547	2.1	0.46	<0.1	0.1	0.08	3.4	1.8	<0.05	4.9	4.34	20.4	<0.02
552	2.2	0.74	<0.1	0.03	0.38	7.3	2.5	<0.05	2.2	4.19	17.4	<0.02
553	3.3	0.75	<0.1	0.02	0.5	5.7	2.3	<0.05	1.6	8.17	20.8	<0.02
554	3.6	0.57	<0.1	<0.02	0.78	6.4	0.5	<0.05	1.5	5.61	20.6	<0.02
555	3.3	0.59	<0.1	<0.02	0.54	6.4	0.9	<0.05	1	5.32	22.2	<0.02
556	3.2	0.6	<0.1	<0.02	0.62	6.1	0.8	<0.05	1	5.75	24.2	<0.02
557	3.5	0.54	<0.1	0.05	0.78	6.3	0.5	<0.05	1.7	6.43	22.6	0.03
558	3.2	0.54	<0.1	0.06	0.71	5.5	0.5	<0.05	2.4	7.65	23.4	<0.02
559	3.1	0.54	<0.1	0.04	0.61	5.7	0.5	<0.05	1.9	7.2	26.5	<0.02
560	2.9	0.6	<0.1	0.06	0.49	5.3	0.5	<0.05	2.6	7.61	23.2	<0.02
561	3.2	0.46	<0.1	<0.02	0.63	6.1	0.5	<0.05	0.6	4.32	20.8	<0.02

Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
562	2.9	0.5	<0.1	0.05	0.45	4.9	0.4	<0.05	2.6	7.43	23.5	<0.02
563	3.3	0.56	<0.1	0.07	0.51	5.5	0.6	<0.05	3	7.63	24.9	<0.02
564	3.6	0.57	<0.1	0.07	0.71	6.6	0.9	<0.05	2.9	8.42	26.7	0.02
565	3.7	0.54	<0.1	0.05	0.66	6	0.6	<0.05	2.6	8.09	26.6	0.02

Sample#	Re	Be	Li	Pd	Pt	
181		3	0.4	8.3	<10	<2
182		2	0.2	4.4	<10	<2
183		2	0.4	6.4	<10	<2
184	<1		0.3	7.7	<10	<2
185		1	0.5	19.2	<10	<2
186		2	0.5	12.1	<10	<2
187		1	0.5	13.8	<10	<2
188	<1		0.5	12.3	<10	<2
189		2	0.6	10.5	<10	11
190		1	0.4	13.5	<10	3
191	<1		0.4	10.2	<10	<2
192		2	0.7	8.7	<10	<2
193		2	0.5	12.6	<10	<2
194		1	0.6	13.5	<10	<2
195		1	0.4	13.3	<10	<2
196	<1		0.5	13	<10	<2
197		1	0.6	31.2	<10	<2
198	<1		0.3	8.2	<10	<2
199		1	0.3	6.2	<10	<2
200	<1		0.6	10.1	<10	<2
201	<1		0.6	10.7	<10	<2
202		2	0.5	12.5	<10	3
203	<1		0.5	14.6	<10	<2
204		1	0.6	13.9	<10	<2
205	<1		0.4	10	<10	<2
206	<1		0.6	8.5	<10	2
207	<1		0.5	4.9	<10	<2
208	<1		0.5	6.3	<10	3
209		1	0.5	12.3	<10	<2
210	<1		0.3	13.1	<10	<2
211		2	0.3	3.7	<10	<2
212		1	0.4	9	<10	<2
213	<1		0.3	22.2	<10	<2

Sample#	Re	Be	Li	Pd	Pt	
214		1	0.2	10.5	<10	5
215	<1		0.3	19.1	<10	3
216	<1		0.3	8.8	<10	<2
217		1	0.3	11.7	<10	<2
218	<1		0.4	11.6	<10	<2
219	<1		0.5	12.6	<10	<2
220	<1		0.3	11.3	<10	<2
221	<1		0.5	12.6	<10	<2
222	<1		0.5	12.5	<10	<2
223		1	0.4	14.7	<10	<2
224	<1		0.5	15.3	<10	<2
225		1	0.5	15.1	<10	<2
226	<1		0.5	13.7	<10	<2
227	<1		0.4	9.7	<10	4
228	<1		0.7	15.3	<10	<2
229	<1		0.4	11.6	10	<2
230		1	0.3	6.8	<10	2
231		1	0.5	10	<10	<2
232	<1		0.4	12.6	<10	<2
233	<1		0.5	5.1	<10	<2
234		1	0.4	11.5	<10	<2
235	<1		0.7	14.7	<10	<2
236	<1		0.5	11.8	<10	<2
237		1	0.9	8	<10	<2
238	<1		0.3	7.8	<10	<2
239	<1		0.2	8.6	<10	<2
240	<1		0.6	14.8	<10	<2
241	<1		0.6	15	<10	<2
242	<1		0.5	13.9	<10	<2
243	<1		0.6	16.1	<10	<2
244	<1		0.4	13.8	<10	<2
245		1	0.5	13.2	<10	<2
246	<1		0.4	16.5	<10	<2

Sample#	Re	Be	Li	Pd	Pt	
247	<1		0.6	16.6	<10	<2
248		1	0.4	10.7	<10	<2
249	<1		0.6	14.9	<10	<2
250		1	0.4	12.4	<10	<2
251		1	0.5	12.8	<10	<2
252	<1		0.6	12.9	<10	<2
253	<1		0.4	10.1	16	<2
254	<1		0.6	10.8	<10	<2
255	<1		0.5	10.6	11	<2
256	<1		0.6	10.8	<10	3
257	<1		0.5	11.5	21	<2
258	<1		0.6	11.1	<10	2
259	<1		0.4	10.7	<10	<2
260	<1		0.4	9.9	<10	<2
261	<1		0.7	10.3	<10	<2
262	<1		0.6	12.3	<10	<2
345	<1		0.5	12	<10	<2
346	<1		0.5	13.6	<10	<2
347	<1		0.5	12.1	<10	2
348	<1		0.4	11.6	<10	<2
349		2	0.3	11.4	<10	<2
350	<1		0.3	9.9	<10	<2
351	<1		0.3	9.7	<10	<2
352	<1		0.4	10.5	<10	<2
353	<1		0.5	12.8	<10	<2
354	<1		0.6	14	<10	<2
355	<1		0.5	8.5	<10	<2
356	<1		0.5	6.1	<10	<2
357	<1		0.3	7.7	<10	<2
358		1	0.5	11.3	<10	<2
359	<1		0.3	9.1	<10	<2
360	<1		0.6	12.5	43	<2
361	<1		0.5	11.9	<10	<2
362	<1		0.4	12.1	<10	<2

Sample#	Re	Be	Li	Pd	Pt	
363	<1		0.5	12	<10	<2
364	<1		0.5	10.7	<10	<2
365	<1		0.4	10.6	<10	<2
366	<1		0.3	5.4	<10	<2
367	<1		0.4	12.3	<10	<2
368	<1		0.3	6.8	<10	<2
369	<1		0.6	6.3	<10	<2
370		4	0.3	14.5	<10	<2
371	<1		0.4	12.3	<10	<2
372		2	0.4	12.2	<10	<2
373		5	0.2	7.1	<10	2
374	<1		0.2	4.8	<10	<2
375	<1		0.3	10.6	<10	<2
376	<1		0.4	10.2	<10	<2
378	<1		0.5	12	<10	<2
379	<1		0.6	12.1	<10	<2
380	<1		0.5	9.7	<10	2
381	<1		0.4	11.9	<10	<2
382	<1		0.5	11.2	<10	<2
383	<1		0.5	11.4	<10	<2
384	<1		0.6	11	<10	<2
385	<1		0.5	11.9	<10	<2
386	<1		0.5	11.6	<10	<2
387	<1		0.5	12.8	<10	<2
389	<1		0.4	9.8	<10	<2
390	<1		0.3	5.2	<10	<2
391	<1		0.5	8.4	<10	<2
392	<1		0.3	7.8	<10	<2
393	<1		0.4	16.7	<10	<2
394	<1		0.2	19.1	<10	<2
395	<1		0.5	20.7	<10	<2
396		1	0.7	21.1	<10	<2
397	<1		0.4	17.1	<10	<2
398	<1		0.2	15.3	<10	<2
399	<1		0.5	20.1	<10	<2

Sample#	Re	Be	Li	Pd	Pt
400	<1		0.6	20.5	<10
401	<1		0.5	13.1	<10
402	<1		0.5	11.5	<10
403	<1		0.5	19.9	<10
404	<1		0.4	8.6	<10
405	<1		0.2	12.6	<10
406	<1		0.3	13.1	<10
407	<1		0.3	13.3	<10
408		1	0.3	13.4	<10
409	<1		0.3	12.9	<10
410	<1		0.3	14.1	<10
533	<1		0.5	9.8	<10
534	<1		0.5	9.2	<10
535	<1		0.5	9.5	<10
537		2	0.4	9.2	<10
538		2	0.4	6.4	<10
539	<1		0.3	6.7	<10
540	<1		0.3	9	<10
541	<1		0.4	9.7	<10
542	<1		0.3	10.6	<10
543	<1		0.3	6.8	<10
544	<1		0.2	8.7	<10
545	<1		0.1	2.2	<10
546	<1	<0.1		4.2	<10
547	<1		0.2	4.8	<10
552	<1		0.2	10.3	<10
553	<1		0.3	11.8	<10
554	<1		0.4	11.5	<10
555	<1		0.2	10.6	<10
556	<1		0.2	10.8	<10
557	<1		0.3	13.1	<10
558	<1		0.5	14.6	<10
559	<1		0.4	12.5	<10
560	<1		0.4	12.9	<10
561	<1		0.2	9.1	<10

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Leota Gor and Leota GC Claims, Soil Sample Assays, Originals vs Repeats

Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U
184 Original	1.06	20.17	13.84	47.4	93	54.6	9	469	2.02	10.5	1.4
200 Original	0.96	22.75	13.26	65.8	51	65.6	12	320	2.58	12.9	1.1
230 Original	0.99	27	8.72	93.7	50	150.1	25.7	165	2.58	10.7	0.9
244 Original	0.77	44.91	9.37	67.9	88	118.3	12.8	453	3.27	23.3	1.2
257 Original	0.97	30.3	11.76	52.8	72	123	14.6	478	2.83	12.6	1.1
262 Original	0.95	32.25	11.48	53.7	105	62.2	10.9	350	2.77	11.2	1.2
358 Original	1.21	23.36	11.16	45.6	56	116.8	12.9	363	2.53	10.7	1
382 Original	1.11	29.39	11.39	51.1	97	66.6	11.8	404	2.65	11.6	1.6
408 Original	1.46	18.87	9.24	57.7	96	18.5	5.8	176	2.14	9	1.1
545 Original	0.7	13.39	5.46	38.5	41	86.4	17.2	604	1.26	5	0.4
184 Repeat	1.04	23.86	14.44	51.4	82	56.3	9.2	468	2.07	11	1.4
200 Repeat	0.99	22.59	13.51	63.9	55	63.7	11.5	312	2.51	12.7	1.2
230 Repeat	0.97	26.94	8.75	93.4	48	144.5	25.4	161	2.5	10.9	0.9
244 Repeat	0.72	44.58	9.4	68.8	70	120.6	13.1	464	3.3	23.9	1.2
257 Repeat	0.99	31.23	11.91	52.1	68	124.7	15.7	482	2.88	12.6	1.2
262 Repeat	0.87	29.4	10.48	49.9	88	58.3	9.9	324	2.54	10.6	1.1
358 Repeat	1.28	23.2	11.52	46.1	64	118.1	12.8	364	2.56	10.3	1
382 Repeat	1.06	30.84	12.02	52.7	95	68.9	11.9	422	2.68	12.3	1.8
408 Repeat	1.38	18.04	8.93	58.7	81	17.7	6	175	2.11	8.6	1.1
545 Repeat	0.74	14.03	5.68	38.9	44	91.3	17.8	612	1.31	5.2	0.4

Sample#	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
184 Original	4.3	7.7	20.3	0.15	0.42	0.13	34	0.27	0.056	20.6	65.8
200 Original	3.3	6.6	13.6	0.08	0.6	0.09	45	0.17	0.028	19.2	85.3
230 Original	1.5	4	10.9	0.45	0.55	0.1	45	0.2	0.025	11.3	168
244 Original	3.4	5	21.9	0.12	0.63	0.13	56	0.3	0.04	20	101.4
257 Original	5.8	5.1	22	0.06	0.98	0.25	49	0.31	0.028	16.3	80.7
262 Original	5.1	5.2	25.6	0.08	0.92	0.16	49	0.39	0.043	17.1	48.9
358 Original	4.6	4.5	24.8	0.08	0.8	0.22	45	0.32	0.035	16.1	96.7
382 Original	2.7	4.4	30.4	0.12	0.74	0.18	50	0.43	0.045	16.9	58.1
408 Original	10.6	3.1	30.4	0.11	0.69	0.18	42	0.43	0.08	13.8	23.6
545 Original	0.8	2.1	5.8	0.23	0.29	0.07	25	0.08	0.012	7.5	83.9
184 Repeat	7.1	8.3	21.9	0.16	0.48	0.08	34	0.28	0.058	23.2	66.6
200 Repeat	4.5	6.8	13.9	0.1	0.68	0.03	44	0.17	0.028	19.5	81.8
230 Repeat	2.2	4	10.5	0.52	0.56	0.1	43	0.18	0.024	10.8	158.4
244 Repeat	4.8	5.2	22.3	0.13	0.69	0.12	58	0.32	0.04	21.1	103.9
257 Repeat	6	5	22	0.07	0.96	0.24	50	0.32	0.027	16.4	83.3
262 Repeat	6.4	4.5	23.5	0.05	0.82	0.14	46	0.38	0.042	15.8	45.3
358 Repeat	4.2	4.5	25.7	0.09	0.78	0.22	47	0.33	0.034	16.6	99.5
382 Repeat	3	4.8	32.3	0.13	0.85	0.19	50	0.45	0.048	18.1	59.1
408 Repeat	2.1	3.4	29.5	0.14	0.68	0.17	42	0.42	0.076	14.6	24.3
545 Repeat	10.5	2.2	6.1	0.25	0.31	0.07	26	0.09	0.012	8	89.2

Sample#	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S
184 Original	0.46	277.5	0.017	1	0.97	0.006	0.04	0.2	2.7	0.08 <0.02	
200 Original	0.56	341.4	0.028 <1		1.24	0.006	0.04	0.1	3.6	0.08 <0.02	
230 Original	0.78	109.1	0.027 <1		0.98	0.002	0.03	0.3	3.5	0.04 <0.02	
244 Original	0.86	381.8	0.041 <1		1.7	0.006	0.05 <0.1		5	0.05 <0.02	
257 Original	0.69	376.8	0.053	2	1.54	0.01	0.05	0.2	4.5	0.07 <0.02	
262 Original	0.57	418.1	0.053 <1		1.51	0.011	0.05	0.3	3.9	0.06 <0.02	
358 Original	0.66	347.7	0.045	3	1.35	0.01	0.05	0.2	4	0.08 <0.02	
382 Original	0.63	394.1	0.039 <1		1.53	0.011	0.05	0.2	4	0.06 <0.02	
408 Original	0.41	262.2	0.036	1	1.03	0.009	0.04	0.4	2.5	0.07 <0.02	
545 Original	0.3	102	0.014 <1		0.37	0.001	0.01 <0.1		1.4 <0.02	<0.02	
184 Repeat	0.47	288.5	0.023	1	0.95	0.006	0.05	0.2	2.8	0.12 <0.02	
200 Repeat	0.55	331.9	0.035 <1		1.2	0.006	0.04	0.2	3.5	0.11 <0.02	
230 Repeat	0.75	112.6	0.023 <1		0.91	0.002	0.03	0.3	3.3	0.03 <0.02	
244 Repeat	0.88	383.7	0.051 <1		1.72	0.007	0.05 <0.1		4.9	0.05 <0.02	
257 Repeat	0.7	381.3	0.053	2	1.57	0.01	0.05	0.3	4.4	0.08 <0.02	
262 Repeat	0.52	376.3	0.05 <1		1.41	0.011	0.04	0.2	3.5	0.05 <0.02	
358 Repeat	0.68	343.2	0.048	4	1.39	0.011	0.05	0.2	3.8	0.08 <0.02	
382 Repeat	0.62	405.6	0.047	1	1.48	0.011	0.05	0.2	4.3	0.07 <0.02	
408 Repeat	0.5	256.4	0.049	1	1.04	0.01	0.04	0.5	2.6	0.07 <0.02	
545 Repeat	0.31	107.4	0.015 <1		0.38	0.001	0.01 <0.1		1.5 <0.02	<0.02	

Sample#	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
184 Original	17	0.2	0.04	2.6	0.35 <0.1		0.04	0.34	6.4	1.5 <0.05	
200 Original	18	0.2	0.03	3.7	0.55 <0.1		0.11	0.33	5.9	0.8 <0.05	
230 Original	24	0.1	0.03	2.4	0.95 <0.1		0.11	0.14	4.3	0.3 <0.05	
244 Original	20	0.3	0.04	4.8	0.63 <0.1		0.05	0.46	7.7	0.8 <0.05	
257 Original	53	0.4 <0.02		4.2	0.58 <0.1		0.23	0.5	6.6	1 <0.05	
262 Original	51	0.3	0.04	4.4	0.56 <0.1		0.15	0.44	5.7	1.2 <0.05	
358 Original	36	0.3	0.04	3.9	0.59 <0.1		0.1	0.55	7.1	1.5 <0.05	
382 Original	39	0.3	0.04	4.2	0.47 <0.1		0.08	0.78	6.2	1.1 <0.05	
408 Original	33	0.4	0.04	3.4	0.55 <0.1		0.03	0.75	5.9	0.5 <0.05	
545 Original	9	0.4 <0.02		1.1	0.32 <0.1		0.06	0.04	1.7	0.3 <0.05	
184 Repeat	18	0.3	0.04	2.7	0.49 <0.1		0.05	0.39	8.2	1.5 <0.05	
200 Repeat	16	0.2	0.03	3.8	0.63 <0.1		0.11	0.39	6.4	0.7 <0.05	
230 Repeat	25	0.2	0.04	2.3	0.96 <0.1		0.11	0.15	4.3	0.4 <0.05	
244 Repeat	13	0.4 <0.02		4.6	0.76 <0.1		0.06	0.59	9.1	0.8 <0.05	
257 Repeat	44	0.4	0.05	4.3	0.56 <0.1		0.26	0.43	6.8	1.1 <0.05	
262 Repeat	50 <0.1	<0.02		4	0.54 <0.1		0.14	0.41	5.7	1 <0.05	
358 Repeat	37	0.2 <0.02		4	0.61 <0.1		0.12	0.58	7.3	1.4 <0.05	
382 Repeat	44	0.4	0.05	4	0.58 <0.1		0.1	0.83	6.9	1.2 <0.05	
408 Repeat	29	0.5	0.05	3.3	0.64 <0.1		0.04	0.85	6.2	0.5 <0.05	
545 Repeat	9	0.2 <0.02		1.1	0.33 <0.1		0.07	0.05	1.9	0.3 <0.05	

Sample#	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
184 Original	2.2	7.06	38.6	0.02 <1		0.3	7.7 <10	<2	
200 Original	5.8	5.88	36.6	0.03 <1		0.6	10.1 <10	<2	
230 Original	5.5	6.17	23.6 <0.02		1	0.3	6.8 <10		2
244 Original	3.2	10.46	35.3	0.03 <1		0.4	13.8 <10	<2	
257 Original	10.8	10.33	33.5	0.03 <1		0.5	11.5	21 <2	
262 Original	10.5	11.21	31	0.03 <1		0.6	12.3 <10	<2	
358 Original	5.5	7.81	30 <0.02		1	0.5	11.3 <10	<2	
382 Original	5	9.6	31.6	0.02 <1		0.5	11.2 <10	<2	
408 Original	1.2	5.35	23.7	0.02	1	0.3	13.4 <10	<2	
545 Original	3.2	3.42	15.7 <0.02	<1		0.1	2.2 <10	<2	
184 Repeat	2.8	7.63	43.7 <0.02		1	0.3	7.5 <10		3
200 Repeat	6.4	5.93	37.4	0.03	3	0.4	10.5 <10	<2	
230 Repeat	5.5	6.08	23.3 <0.02	<1		0.3	6.9 <10	<2	
244 Repeat	3.6	10.63	38	0.03 <1		0.3	13.5 <10	<2	
257 Repeat	11.2	10.45	33.5	0.03	1	0.6	11.3 <10	<2	
262 Repeat	10.5	10.25	28.4 <0.02	<1		0.5	11.4 <10		3
358 Repeat	5.8	8.07	31 <0.02	<1		0.4	11 <10	<2	
382 Repeat	5.1	10.19	33.6	0.02 <1		0.5	11.8 <10	<2	
408 Repeat	1.3	5.54	25	0.02 <1		0.2	13.2 <10	<2	
545 Repeat	3.6	3.48	17.6 <0.02	<1		0.1	2.4 <10	<2	

Leota Gor and Leota GC Claims, Soil Sample Assays, Standards

Standard	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
DS8	10.68	102.93	125.39	315.1	1801	37.2	7.4	592	2.44	22.9	2.5	113.4
DS8	13.26	110.46	126.49	312.4	1764	39.1	8.1	615	2.49	26.8	2.6	115
DS8	12.22	106.25	122.78	298.6	1777	35.9	7.4	608	2.45	25	2.6	112.1
DS8	10.68	102.93	125.39	315.1	1801	37.2	7.4	592	2.44	22.9	2.5	113.4
DS8	13.4	118.55	119.64	317.8	1753	39.2	8	624	2.63	22.2	3	109.9
DS8	12.62	109.93	130.17	317	1906	36.9	7.7	620	2.55	24.2	2.7	118.2
DS8	13.22	111.22	126.92	320.1	1872	36.8	7.3	612	2.47	25.9	2.8	125.1
DS8	12.2	106	124.2	315.2	1794	36.3	7	608	2.54	25	2.7	119.7
DS8	13.36	122.73	135.66	329.2	1827	38.9	8	631	2.61	23.4	3.1	111.4
DS8	13.27	106.35	127.82	321.7	1968	38.8	7.7	629	2.56	24	2.6	148.1
DS8	13.12	102.65	120.76	295.7	1714	35.5	7.3	611	2.48	24	2.7	108.6
DS8	13.8	113.8	133.68	314.8	1879	39.8	7.9	649	2.59	26.2	3.3	123.4
DS8	12.71	104.81	123.27	296.7	1709	36.6	7.6	614	2.44	23.1	2.7	108.4
DS8	13.52	104.99	127.62	324.2	1800	37.2	7.4	610	2.48	24.1	2.9	114.9

Standard	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
DS8	5.5	55.2	2.25	5.09	6.02	40	0.64	0.077	10.8	119	0.59	229.4
DS8	6.5	65.7	2.55	6	7.2	41	0.72	0.089	14	120.7	0.63	267.3
DS8	6.2	59.8	2.37	5.37	6.25	41	0.68	0.081	13.6	121.2	0.6	267
DS8	5.5	55.2	2.25	5.09	6.02	40	0.64	0.077	10.8	119	0.59	229.4
DS8	7.7	68.7	2.47	5.85	6.99	45	0.76	0.09	16.7	124.9	0.64	264
DS8	6.7	59.3	2.24	5.14	6.16	41	0.7	0.078	13.7	125.9	0.64	257.4
DS8	6.9	64.9	2.46	5.65	6.39	42	0.73	0.082	15.5	121.4	0.62	275.2
DS8	6.4	63.1	2.39	5.72	6.34	40	0.69	0.082	14.1	117.4	0.61	271.6
DS8	7.8	79.4	2.23	6.1	6.78	42	0.76	0.094	18.3	125.5	0.64	279.8
DS8	7.1	63.1	2.27	5.49	6.26	42	0.72	0.079	15.3	129.7	0.62	272.1
DS8	7	69.8	2.25	5.42	6.32	42	0.72	0.079	16.5	116.8	0.62	273.6
DS8	8.2	74	2.53	6.05	7.5	42	0.77	0.086	17.9	126.4	0.64	286.6
DS8	6.9	63.2	2.16	5.22	5.79	41	0.73	0.074	16.9	119.6	0.6	272
DS8	6.9	64.6	2.3	5.41	6.19	42	0.72	0.08	15.7	120.7	0.62	279.6

Standard	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te
DS8	0.092	3	0.87	0.085	0.4	2.9	1.8	5.42	0.16	214	5.4	4.66
DS8	0.123	2	0.94	0.083	0.42	2.9	2.3	5.64	0.17	222	5.2	5.05
DS8	0.1	2	0.87	0.081	0.41	2.8	1.9	5.39	0.16	209	5.1	4.77
DS8	0.092	3	0.87	0.085	0.4	2.9	1.8	5.42	0.16	214	5.4	4.66
DS8	0.141	3	0.98	0.099	0.45	3	2.6	5.33	0.18	194	5.4	4.84
DS8	0.108	3	0.97	0.106	0.44	2.9	2.5	5.76	0.16	224	5.4	5.19
DS8	0.111	3	1	0.085	0.44	3	2.3	5.71	0.17	204	5.4	5
DS8	0.104	2	0.9	0.086	0.41	2.9	2.2	5.57	0.16	206	5.2	4.96
DS8	0.135	2	1.05	0.119	0.46	3.2	2.9	5.58	0.16	216	5.5	5.08
DS8	0.112	3	0.98	0.105	0.43	3	2.3	5.95	0.16	229	5.8	4.91
DS8	0.113	3	0.95	0.099	0.42	3	2.4	5.08	0.16	201	5.2	5.08
DS8	0.12	3	0.98	0.103	0.45	3.3	2.5	6.09	0.17	210	5.5	5.11
DS8	0.108	2	0.94	0.093	0.42	2.7	2.3	5.4	0.16	184	5.1	4.63
DS8	0.112	2	0.94	0.099	0.42	3.1	2.3	5.86	0.17	204	5.4	5.33

Standard	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
DS8	4.4	2.35	0.1	0.06	1.12	37.7	6.2 <0.05		1.6	4.59	21.2	2.11
DS8	4.6	2.57	0.2	0.07	1.28	38.5	7.5 <0.05		2.1	6.11	26.9	2.27
DS8	4.5	2.33 <0.1		0.07	1.12	37.4	6.8 <0.05		1.6	5.41	24.3	2.14
DS8	4.4	2.35	0.1	0.06	1.12	37.7	6.2 <0.05		1.6	4.59	21.2	2.11
DS8	4.9	2.42	0.2	0.09	1.42	36.7	7 <0.05		1.9	6.55	27.7	2.49
DS8	4.8	2.49 <0.1		0.06	1.34	39.3	6.4 <0.05		1.8	5.52	26.1	2.19
DS8	4.8	2.47 <0.1		0.1	1.34	41.3	6.9 <0.05		2	6.17	27.4	2.4
DS8	4.6	2.44 <0.1		0.07	1.27	39.1	6.8 <0.05		1.9	5.58	25.9	2.16
DS8	4.8	2.55 <0.1		0.08	1.78	40.5	7.5 <0.05		2	7.05	30.3	2.53
DS8	4.8	2.53	0.2	0.08	1.54	40.2	6.7 <0.05		2.2	6.21	30	2.25
DS8	4.6	2.5	0.1	0.11	1.47	39.4	6.5 <0.05		2.3	6.63	30.1	2.15
DS8	4.9	2.62 <0.1		0.09	1.62	43.3	7.1 <0.05		2.3	7.06	31.4	2.5
DS8	4.6	2.38 <0.1		0.1	1.58	36.6	6.4 <0.05		1.9	6.3	30.6	2.14
DS8	5	2.57 <0.1		0.09	1.46	40.4	6.7 <0.05		2.1	6.25	28.8	2.32

Standard	Re	Be	Li	Pd	Pt
DS8	59	5.2	26.5	113	343
DS8	56	5.1	30.7	124	343
DS8	52	5.1	28.4	110	348
DS8	59	5.2	26.5	113	343
DS8	59	5.2	31.8	94	332
DS8	56	5.3	27.9	121	368
DS8	65	5.4	27.1	116	347
DS8	53	5.3	28.6	114	353
DS8	53	5	32.7	115	362
DS8	52	5.7	28.2	123	375
DS8	64	5.3	28.9	113	352
DS8	61	5.4	29.5	115	363
DS8	59	5	28.3	109	325
DS8	56	5.7	27	134	352

Sample#	Re	Be	Li	Pd	Pt
562	<1		0.3	12.3	<10
563	<1		0.3	13.7	<10
564	<1		0.5	14.9	<10
565	<1		0.4	14.5	<10

Rock Assays													
Sample#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	
1035812	0.21	33.19	0.57	33.8	11	148.1	35	2205	8.01	4.3	0.2	0.9	
1035813	0.4	55.89	2.45	98	18	1209.3	83.6	1651	4.89	10.7	0.2	0.7	
1035814	47.07	9.57	4.98	95.7	247	21.9	2.6	95	1.31	2.8	0.9	4.4	
1035815	0.59	2.21	85.06	12.7	214	7	1.9	151	0.86	2.1	0.3	6.3	
1035816	23.24	110.39	20.52	737.8	1873	362.4	91.4	>10000	19.7	135.1	7.8	4.3	
1035817	12.68	30.22	5.86	103.9	215	134.2	8.5	1232	13.31	11.6	2.7	2.9	
1035818	2.18	243.98	13.23	74.7	310	82.2	38	1195	6.57	65.5	1.1	5	
1035820	0.1	203.39	16.34	70.8	354	51.9	30.4	864	4.05	2.4	0.3	1.7	
Sample#	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	
1035812	0.2	1.8	0.44	0.12	<0.02	781	6.65	0.004	1	5.1	2.84	260.9	
1035813	0.1	9.3	0.84	0.11	<0.02	92	0.44	0.004	1.1	2125.8	11.19	453.2	
1035814	4.7	5.6	0.15	0.17	0.09	31	0.11	0.032	18.6	13.7	0.16	124.6	
1035815	0.2	1.2	0.1	0.08	4.25	8	0.04	0.008	1.3	17.9	0.03	16.7	
1035816	2	66.5	7.16	1.1	0.11	497	0.11	0.286	17.9	96.5	0.14	3717.8	
1035817	1.4	12.7	1.97	0.24	0.05	205	0.12	0.04	8.4	72.5	0.15	179.1	
1035818	1.2	55.4	0.22	0.37	0.2	96	2.78	0.173	9	173.7	2.97	69.2	
1035820	1.1	124.2	0.27	0.13	0.16	63	3.33	0.058	5.1	20.9	2.07	16.3	
Sample#	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
1035812	0.163	<1	3.31	0.003	<0.01	<0.1	13.5	<0.02	<0.02	9	0.2	0.03	
1035813	0.011	7	1.37	0.003	<0.01	<0.1	5.1	<0.02	<0.02	16	0.4	<0.02	
1035814	0.002	<1	0.4	0.008	0.16	0.5	0.9	0.09	<0.02	8	1.3	0.07	
1035815	0.001	<1	0.07	0.003	0.01	<0.1	1.2	<0.02	<0.02	8	0.03	0.24	
1035816	0.005	<1	0.46	0.011	0.13	1.3	1.8	1.57	<0.02	380	0.9	0.02	
1035817	0.01	<1	0.6	0.009	0.07	<0.1	2	0.03	0.03	28	2	<0.02	
1035818	0.152	2	3.05	0.038	0.07	0.3	8.9	<0.02	0.22	14	0.5	0.04	
1035820	0.169	4	2.56	0.076	0.05	<0.1	5.5	<0.02	0.03	2	0.4	0.07	
Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	
1035812	4.2	<0.02	0.2	0.02	0.02	0.2	0.3	<0.05	1.1	3.11	2.5	0.03	
1035813	3.9	0.03	<0.1	<0.02	<0.02	0.2	<0.1	<0.05	0.5	4.12	3	<0.02	
1035814	1.1	0.25	<0.1	0.15	<0.02	6.7	0.1	<0.05	6.8	4.51	35.4	<0.02	
1035815	0.1	0.04	<0.1	<0.02	<0.02	0.7	<0.1	<0.05	0.5	1.85	2.8	<0.02	

1035816	2	0.8	0.1	0.05	0.05	5.4	0.1	<0.05	2.9	22.65	22.8	<0.02
Sample#	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In
1035817	2.3	0.24	0.1	0.24	0.05	4	0.3	<0.05	10.5	7.64	13	<0.02
1035818	8.5	0.67	<0.1	0.02	0.71	2.7	1.5	<0.05	2.2	5.18	16.5	0.05
1035820	6.4	0.66	0.1	0.05	0.21	3.8	0.4	<0.05	2.1	4.23	15	0.02

Sample#	Re	Be	Li	Pd	Pt
1035812	<1	<0.1	2.6	<10	<2
1035813	<1	0.2	2.2	<10	<2
1035814	2	0.1	3.6	14	<2
1035815	<1	<0.1	0.7	<10	<2
1035816	<1	0.8	2.3	<10	42
1035817	1	0.1	2.6	23	<2
1035818	<1	0.5	39.7	<10	3
1035820	<1	0.3	44.2	10	<2

Quality Assurance												
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	
1035812 Original	0.21	33.19	0.57	33.8	11	148.1	35	2205	8.01	4.3	0.2	
1035812 Repeat	0.18	32.77	0.67	32.9	7	148.2	34.4	2218	8.02	4.3	0.2	
1035812 Original	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	
1035812 Repeat	0.9	0.2	1.8	0.44	0.12	<0.02	781	6.65	0.004	1	5.1	
	0.2	0.1	1.7	0.41	0.12	<0.02	775	6.74	0.004	1	5	
1035812 Original	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	
1035812 Repeat	2.84	260.9	0.163	<1	3.31	0.003	<0.01	<0.1	13.5	<0.02	<0.02	
	2.89	261.9	0.159	<1	3.34	0.003	<0.01	<0.1	13.3	<0.02	<0.02	
1035812 Original	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	

1035812	Repeat	9	0.2	0.03	4.2	<0.02	0.2	0.02	0.02	0.2	0.3	<0.05
		<5	0.4	<0.02	4.3	<0.02	0.1	<0.02	0.03	0.2	0.3	<0.05

1035812	Original	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
1035812	Repeat	1.1	3.11	2.5	0.03	<1	<0.1	2.6	<10	<2
		1.1	3.23	2.6	0.02	<1	<0.1	2.8	<10	<2

Standards, Blanks

Reference Materials

		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U
STD DS8	STD	14.46	118.13	129.3	328.8	1858	40.6	7.8	663	2.66	27.6	3
STD DS8	STD	13.69	113.79	130.37	333.1	1895	37.9	7.7	653	2.7	26.4	2.9
BLK	BLK	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1
BLK	BLK	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1
		Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
STD DS8	STD	117.3	7.4	71.5	2.52	5.88	7.14	44	0.75	0.086	16.8	126
STD DS8	STD	118.7	7.3	73	2.48	5.97	7.02	46	0.77	0.086	18	129.3
BLK	BLK	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	<0.5	<0.5
BLK	BLK	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	<0.5	<0.5
		Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S
STD DS8	STD	0.64	291.5	0.129	5	0.97	0.091	0.43	3.1	2.4	5.82	0.18
STD DS8	STD	0.66	296.5	0.126	3	0.99	0.096	0.44	3.1	2.6	5.68	0.17
BLK	BLK	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02
BLK	BLK	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02
		Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
STD DS8	STD	229	5.9	5.33	5	2.6	<0.1	0.07	1.38	41.1	7.4	<0.05
STD DS8	STD	209	5.5	5.65	5.1	2.65	<0.1	0.09	1.65	40.5	7.2	<0.05
BLK	BLK	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05

BLK	BLK	<5 Zr	<0.1 Y	<0.02 Ce	<0.1 In	<0.02 Re	<0.1 Be	<0.02 Li	<0.02 Pd	<0.1 Pt	<0.1	<0.05
STD DS8	STD	2.3	6.86	31.7	2.48	64	5.5	27.9	117	377		
STD DS8	STD	2.4	6.82	32.9	2.33	61	6	26.8	119	369		
BLK	BLK	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	BLK	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		