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Statistical summary of geochemical data furnished by 146 laboratories for six geochemical exploration reference samples

By

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

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Contents

Tables

Introduction

Since 1971, six geochemical exploration reference samples have been sent to over 600 international laboratories by the United States Geological Survey. As of April, 1987, 146 laboratories have reported their analytical results to us. This report summarizes the data (table 3) which has amounted to approximately 25,000 determinations of concentration, for 91 elements and or oxides, and 34 categories of analytical methods.

In 1974, Allcott and Lakin concluded the reference samples to be homogeneous within the limits of the variance expected for the methods used. Their report left the goal to establish interlaboratory variance, based on various methods and sample treatments. This report deals with that goal and aids individual laboratories in comparing their results with those of other laboratories.

Description of the geochemical exploration reference samples

For the convenience of the reader the description of the reference samples and method of preparation originally published by Allcott and Lakin (1974) are given below:

Geochemical exploration reference sample one (GXR 1)

The sample was collected from the Drum Mountains, Juab County, Utah, by J. H. McCarthy, Jr. The Drum Mountains are a typical faulted range of the Basin and Range province of the southwestern United States. Gold, copper, and manganese deposits have been mined in the area. This sample is a composite of three samples from two outcrops of jasperoid "reefs" in Cambrian limestone. The jasperoid "reefs" range from crystalline to cryptocrystalline in internal structure and from gray to reddish brown in color.

Geochemical exploration reference sample two (GXR 2)

The sample was collected from the Park City mining district, Summit County, Utah, by J. H. McCarthy, Jr. The Park City mining district on the eastern slope of the Wasatch Range has produced lead, zinc, silver, and copper from fissure veins and from replacements in limestone. The sample is a composite of residual, gray-brown loams (Munsell color chart 5/2 of hue 10YR) from four sites along a line approximately 0.8 km long. The shallow soil varies from 18 to 30 cm in depth and overlies a thick-bedded Weber Quartzite of Pennsylvanian age.

Geochemical exploration reference sample three (GXR 3)

The sample was collected from a hot-spring deposit in Humboldt County, Nevada, by S. P. Marsh. Tungsten was produced from these deposits during the 1940's. It is a composite of red-brown to black, earthy, Fe-Mn-rich material, cementing and replacing coarse alluvium on a bedrock surface of intensely deformed phyllitic shale of the Preble Formation of Cambrian age. Calcareous tufa commonly caps the mineralized material.

Geochemical exploration reference sample four (GXR 4)

The sample was furnished by Kennecott Copper Corporation from their mine in Utah. It is a mill head sample of unoxidized porphyry copper ore composed primarily of quartz and feldspar with minor amounts of andradite garnet, biotite, muscovite-illite, and sulfide minerals.

Geochemical exploration reference sample five (GXR 5)

The sample was collected from Somerset County, Maine, an area subjected to continental glaciation during the Pleistocene, by F. C. Canney. It is a composite from three sample sites of the B zone of moderately well developed podzol soils formed on a thin (<1m) basal glacial till. The bedrock underlying the collection sites is: (1) a highly silicified and sericitized quartz monzonite containing abundant disseminated chalcopyrite, molybdenite, and pyrite; (2) a mineralized norite containing abundant pyrrhotite, and minor chalcopyrite and pentlandite; and (3) peridotite and altered norite containing abundant pyrrhotite, chalcopyrite, and pentlandite.

Geochemical exploration reference sample six (GXR 6)

The sample was collected from Davidson County, North Carolina, an area once active in gold and base-metal mining, by Henry Bell and A. A. Stromquist. It is a composite of three samples, obtained at depths of 15-45 cm, of residual, B-zone, yellowish-red (Munsell color chart 5/8 of hue 5YR) soil. Two samples are from within the Silver Hill-Gold Hill fault shear zone, where the soils are derived from sericitized mudstone and phyllite that are slightly anomalous in lead, zinc, silver, copper, barium, and molybdenum. The third sample of the composite is from a cross shear, underlain in part by rhyolitic rock and in part by andesitic basalt, which here are slightly anomalous in arsenic and gold.

Preparation of the samples

The first step in the preparation of the samples to be used for analysis was to reduce the particle size of the six approximately 450-kg bulk samples. It was desirable to reduce the sample to 100% minus 200-mesh, because it was shown by Smith et al. (1929) that a uniform sample that has been ground to pass a 200-mesh sieve cannot be made heterogeneous by jarring or by vibrational storage conditions, regardless of the difference in the density of the components. The bulk rock samples were crushed to pass a 5-mesh sieve. The bulk soil samples were passed through a 10-mesh sieve, and the plus 10-mesh fraction discarded. Each of the six bulk samples was then ground for 12 hours in an aluminum oxide ceramic-lined mill with aluminum oxide ceramic balls. During this period the sample was heated by friction to temperatures between 80° and 90°C, which may have caused a partial loss of some volatile elements. After opening, the mill was run an additional 1.5 hours to dump the sample into a receiving hopper. A wet mechanical analysis of each of the milled samples demonstrated that over 97% of every sample had been ground to pass a 44-μ (325-mesh) opening.

The second step in the sample preparation was the partitioning of the bulk sample into subsamples. Drums of about 45-kg capacity were filled from the receiving hopper, and the order in which the 80-g bottles were filled from the drum was recorded. Each of the bottles in an ordered set of bottles was assigned a random number using a permutation of numbers from one to the total number of bottles for each milled sample.

Remarks

The origin of laboratory data is kept confidential and though the participating laboratories are listed (alphabetically by city in table 4), no key is given to identify the source of any specific data. The individual listed might not necessarily be the analyst. The laboratory data were entered, as reported, into a computer to generate some basic statistical summaries. The statistical package discarded all qualified data in calculating the arithmetic mean.

A basic problem arises in applying traditional statistical packages to exploration geochemical data. We are more concerned with trend and relative values than absolutes. Individual methods may have a wide range of acceptable variation inherent in the technique. For example, the semiquantitative spectrographic technique, as originally developed by Meyers and others (1961), has an expected coefficient of variation of about 50% when reading one-third-order intervals. In F. N. Ward's (oral communication, 1974) opinion to Allcott and Lakin (1974), coefficients of variation for colorimetric methods may acceptably range from 5 to 30% for a particular metal. Atomic absorption has varying ranges according to the element analyzed and the level of concentration. Please keep this in mind when reviewing table 3.

As Flanagan (1986) related, some scientists eliminate outliers despite warnings of statisticians. For the purpose of this report outliers were retained. Because of the possibility in misplaced decimal points or error in transcribing data, outlier values were checked. Standard deviations, and therefore coefficient of variation, for some constituents were calculated from populations of less than six. Consequently, proper evaluation of precision cannot be obtained using such small populations. Some bias may have occurred when one laboratory submitted more data than another.

Explanation of the statistical summary (Table 3)

Table 3 lists the statistical summaries for the six geochemical exploration reference samples. The data are arranged so the column headings describe the method of analysis and digestion. The abbreviations used in the headings are explained in tables 1 and 2.

The measure of central tendency used is the arithmetic mean with only unqualified data used in the calculation. The means shown should not be interpreted as establishing an absolute concentration. Also, the number of determinations reported does not count qualified values. Qualified data appear under table 3 in the row labeled "N, L, G." The letter "N" indicates a given element was looked for but not detected at the lower limit of determination. The letter "L" indicates the element was observed but below the lowest reporting value. The letter "G" indicates the element was above the highest reporting value. The numbers associated with "N, L, G" reflect the number of times a not detected, less than, or greater than value was recorded. These are not the concentration values. If an element was not looked for in a sample, a dash (-) is entered in place of an analytical value. A dash would also signify no reported values in the "N, L, G" row or inadequate data to generate the mean, standard deviation, or coefficient of variation. Because of the formatting used in the computer program that produced table 3, elements listed carry one or more nonsignificant digits.

Acknowledgments

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Table 1.--Abbreviations used for the method of analysis

Code	Analysis
AA	Atomic absorption spectrophotometry
FAA	Flameless atomic absorption
FAAH	Flameless atomic absorption, hydride generation
FAAG	Flameless atomic absorption, graphite furnace
FAAV	Flameless atomic absorption, cold vapor
COLO	Colorimetry, UV + IR spectrophotometry, paper chromatography
DCP	Direct-current plasma emission spectrometry
DNA	Delayed neutron activation
EMS	D-C arc emission spectrometry
FMS	Flame emission spectrometry
FLUR	Fluorometry
GRAV	Gravimetry
ICPE	Inductively coupled plasma emission
ISE	Ion selective electrode
MICR	Electron microprobe
MS	Mass spectrometry
NAA	Neutron activation analysis
TITR	Titrimetry, volumetric
XRF	X-ray fluorescence spectrometry

Table 2.--Abbreviations used for the method of digestion

Code	Decomposition of samples with acids, by fusion, or other means
1, 01	HCl
2	HBr
3	HF
4	HNO_3
5	Mixture of nitric + hydrochloric acid
6	$HClO_4$
7	Mixture of HNO_3 and $HClO_4$
8	Mixture of HF, HNO_3, $HClO_4$, and HCl
9	Mixture of HF, HNO_3, and HCl
10	Mixture of HF, HNO_3, and $HClO_4$
11	Mixture of HF and HNO_3
12	Mixture of HF and $HClO_4$
13	Mixture of HF and HCl
14	Mixture of HNO_3, HCl, and $HClO_4$
15	Mixture of HNO_3, HCl, and $KClO_4$
16	Mixture of HNO_3 and $HgNO_3$
17	Ammonium citrate cold extraction
18	H_2SO_4
19	KCN
20	DORE' BEAD
21	Carbonates ($NaCO_3$, $NaKCO_3$, $NaKCO_3$, $NaHCO_3$, K_2CO_3)
22	Alkaline hydroxides (NaOH, KOH)
23	Sodium tetraborate (also borax, NaF, LiF, Li metaborate)
24	Hydrogen sulphate or pyrosulfate ($NaHSO_4$, $KHSO_4$, $Na_2S_2O_7$, $K_2S_2O_7$)
25	NH_4NO_3, KNO_3
26	Peroxides
27	EDTA (ethylene diamine tetra acetic acid)
28	Volatilization by heating with ammonium halides
29	Thermal generation
30	Pressed pellets
31	$AlCl_3$
32	Unidentified method
33	Potassium permanganate
34	MgO

Table 3. Statistical summary of geochemical data, analyses of Aluminum (Al) in percent.

Analysis	AA	EMS	NAA
Digestion	8		
GX1 - Reference Sample			
Minimum	-	2.00	3.38
Maximum	-	10.00	3.81
Mean	-	3.49	3.54
Number	-	11	4
N, L, G	-	-	-
Std Dev.	-	2.333	.188
Coeff Var	-	66.843	5.310
GX2 - Reference Sample			
Minimum	-	7.00	18.50
Maximum	-	20.00	21.30
Mean	-	14.16	19.95
Number	-	9	4
N, L, G	-	0,0,2	-
Std Dev.	-	5.089	1.561
Coeff Var	-	35.950	7.825
GX3 - Reference Sample			
Minimum	-	3.00	5.68
Maximum	-	10.00	6.59
Mean	-	5.78	6.15
Number	-	10	4
N, L, G	-	0,0,1	-
Std Dev.	-	1.801	.482
Coeff Var	-	31.161	7.831
GX4 - Reference Sample			
Minimum	6.10	5.00	7.39
Maximum	6.10	15.00	7.42
Mean	6.10	7.93	7.41
Number	1	10	2
N, L, G	-	0,0,1	-
Std Dev.	-	2.823	.021
Coeff Var	-	35.598	.287
GX5 - Reference Sample			
Minimum	-	7.00	19.60
Maximum	-	22.00	21.50
Mean	-	16.69	20.55
Number	-	9	2
N, L, G	-	0,0,2	-
Std Dev.	-	5.544	1.343
Coeff Var	-	33.222	6.538
GX6 - Reference Sample			
Minimum	-	7.00	16.40
Maximum	-	18.00	16.80
Mean	-	14.23	16.60
Number	-	9	2
N, L, G	-	0,0,2	-
Std Dev.	-	4.058	.283
Coeff Var	-	28.513	1.702

Table 3. Statistical summary of geochemical data, analyses of Aluminum Oxide (Al2O3) in percent.

Analysis		AA	AA	AA	AA	AA	AA	EMS	MICR	TITR	XRF	XRF
Digestion	32	10	12	13	21 23	23 4	26 1 2	9 21 2		23	8	23	23 30
GX1 - Reference Sample													
Minimum	5.14	1.84	.95	6.30	6.50	6.85	7.00	6.00	4.00	6.78	6.35	6.40	6.65
Maximum	11.70	3.02	1.02	8.40	6.50	6.85	17.00	6.16	4.90	6.94	6.37	22.00	6.95
Mean	8.42	2.24	.99	7.35	6.50	6.85	12.00	6.08	4.47	6.86	6.36	8.99	6.80
Number	2	4	2	2	2	1	2	2	4	2	2	15	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	4.639	.557	.049	1.485	-	-	7.071	.113	.369	.113	.015	5.280	.212
Coeff Var	55.091	24.819	5.025	20.203	-	-	58.926	1.861	8.237	1.649	.230	58.708	3.119
GX2 - Reference Sample													
Minimum	23.19	13.42	9.70	32.00	35.02	35.30	29.90	35.11	25.00	34.26	33.82	31.30	34.30
Maximum	29.41	14.33	9.92	35.30	35.13	35.30	31.80	35.84	38.00	34.54	33.82	37.59	36.20
Mean	26.30	13.97	9.81	33.65	35.08	35.30	30.85	35.48	32.25	34.40	33.82	34.46	35.25
Number	2	4	2	2	2	1	2	2	4	2	2	15	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	4.398	.445	.156	2.334	.077	-	1.343	.515	5.909	.198	-	1.942	1.343
Coeff Var	16.723	3.186	1.589	6.935	.218	-	4.355	1.453	18.323	.575	-	5.636	3.811
GX3 - Reference Sample													
Minimum	10.93	6.05	4.72	10.70	11.40	11.15	11.60	11.77	9.30	12.47	13.23	10.90	11.25
Maximum	12.38	6.42	5.25	16.30	11.50	11.15	11.80	13.26	12.00	12.74	13.23	16.86	12.10
Mean	11.65	6.28	4.99	13.50	11.45	11.15	11.70	12.51	10.45	12.61	13.23	12.52	11.68
Number	2	4	2	2	2	1	2	2	4	2	2	14	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	1.025	.161	.375	3.960	.072	-	.142	1.054	1.282	.191	.011	1.872	.601
Coeff Var	8.797	2.557	7.518	29.332	.625	-	1.213	8.419	12.267	1.513	.084	14.948	5.147
GX4 - Reference Sample													
Minimum	7.68	10.77	8.92	13.30	13.60	13.30	13.60	11.34	13.00	14.09	13.60	13.80	13.90
Maximum	7.80	11.01	9.00	13.40	13.70	13.30	14.60	12.83	16.00	14.23	13.60	15.76	14.20
Mean	7.74	10.94	8.96	13.35	13.65	13.30	14.10	12.08	14.25	14.16	13.60	14.55	14.05
Number	2	4	2	2	2	1	2	2	4	2	2	15	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.085	.114	.057	.071	.070	-	.707	1.054	1.500	.098	-	.639	.212
Coeff Var	1.096	1.039	.641	.530	.512	-	5.016	8.719	10.526	.694	-	4.390	1.509
GX5 - Reference Sample													
Minimum	26.46	13.60	10.20	39.70	39.78	41.00	34.40	39.26	38.00	39.22	36.28	37.90	38.10
Maximum	28.19	13.85	10.40	40.20	39.78	41.00	38.20	44.27	42.00	40.08	36.28	43.30	38.30
Mean	27.33	13.73	10.30	39.95	39.78	41.00	36.30	41.76	39.00	39.65	36.28	40.24	38.20
Number	2	4	2	2	2	1	2	2	4	2	2	15	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	1.223	.144	.141	.354	-	-	2.687	3.542	2.000	.608	-	1.803	.140
Coeff Var	4.477	1.049	1.365	.885	-	-	7.403	8.482	5.128	1.532	-	4.480	.366
GX6 - Reference Sample													
Minimum	28.07	18.23	14.20	30.40	31.80	31.00	28.00	32.41	27.00	32.09	32.12	31.07	32.20
Maximum	28.71	18.52	14.50	32.10	31.90	31.00	31.00	37.15	34.00	32.36	32.12	36.09	34.40
Mean	28.39	18.33	14.35	31.25	31.85	31.00	29.50	34.78	29.75	32.23	32.12	33.78	33.30
Number	2	4	2	2	2	1	2	2	4	2	2	15	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.452	.136	.212	1.202	.071	-	2.121	3.352	3.096	.193	-	1.487	1.556
Coeff Var	1.594	.743	1.477	3.847	.222	-	7.191	9.637	10.406	.598	-	4.401	4.672

Table 3. Statistical summary of geochemical data, analyses of Aluminum Oxide (Al2O3) in percent.

Analysis	XRF
Digestion	30
GX1 - Reference Sample	
Minimum	2.34
Maximum	16.61
Mean	5.94
Number	11
N, L, G	-
Std Dev.	4.054
Coeff Var	68.293
GX2 - Reference Sample	
Minimum	18.60
Maximum	38.50
Mean	30.04
Number	11
N, L, G	-
Std Dev.	8.958
Coeff Var	29.820
GX3 - Reference Sample	
Minimum	5.95
Maximum	16.33
Mean	9.78
Number	11
N, L, G	-
Std Dev.	3.637
Coeff Var	37.189
GX4 - Reference Sample	
Minimum	7.32
Maximum	16.43
Mean	11.85
Number	9
N, L, G	-
Std Dev.	4.083
Coeff Var	34.449
GX5 - Reference Sample	
Minimum	18.10
Maximum	44.00
Mean	31.93
Number	11
N, L, G	-
Std Dev.	10.859
Coeff Var	34.008
GX6 - Reference Sample	
Minimum	15.80
Maximum	36.39
Mean	27.22
Number	11
N, L, G	-
Std Dev.	8.965
Coeff Var	32.935

Table 3. Statistical summary of geochemical data, analyses of Antimony (Sb) in ppm.

Analysis	AA	AA	AA	AA	AA	AA	AA	AA	AA	COLO	COLO	DCP	EMS
Digestion	18 3	24	28	3	32	4	4 18	5	8	24	28	6 13	
GX1 - Reference Sample													
Minimum	140.00	10.00	97.00	90.00	-	27.00	37.00	245.00	84.00	107.00	1.00	105.00	100.00
Maximum	140.00	81.00	140.00	90.00	-	27.00	37.00	245.00	89.00	108.00	140.00	114.00	310.00
Mean	140.00	42.00	118.60	90.00	-	27.00	37.00	245.00	86.50	107.50	53.73	109.50	151.00
Number	2	7	5	1	-	2	2	2	2	2	11	6	20
N, L, G	-	-	-	-	-	-	-	-	-	-	0,1,2	-	0,6,0
Std Dev.	-	35.917	16.242	-	-	-	-	-	3.536	.707	48.705	2.950	68.048
Coeff Var	-	85.516	13.695	-	-	-	-	-	4.087	.658	90.653	2.694	45.065
GX2 - Reference Sample													
Minimum	60.00	10.00	40.00	38.00	40.00	11.00	15.00	78.00	6.00	40.00	28.00	30.00	40.00
Maximum	60.00	31.00	50.00	38.00	40.00	11.00	18.00	80.00	6.00	40.00	77.00	44.00	40.00
Mean	60.00	22.25	43.60	38.00	40.00	11.00	16.50	79.00	6.00	40.00	49.33	35.33	40.00
Number	2	8	5	1	1	2	2	2	2	2	12	6	1
N, L, G	-	-	-	-	-	-	-	-	-	-	0,0,2	-	0,25,0
Std Dev.	-	8.276	4.099	-	-	-	2.121	1.414	-	-	17.047	5.428	-
Coeff Var	-	37.198	9.401	-	-	-	12.856	1.790	-	-	34.555	15.363	-
GX3 - Reference Sample													
Minimum	18.00	11.00	22.00	28.00	40.00	71.00	29.00	248.00	16.00	30.00	2.00	40.00	42.00
Maximum	20.00	21.00	390.00	28.00	40.00	71.00	33.00	248.00	17.00	30.00	60.00	48.00	42.00
Mean	19.00	15.87	181.20	28.00	40.00	71.00	31.00	248.00	16.50	30.00	15.42	45.67	42.00
Number	2	8	5	1	1	2	2	2	2	2	12	6	1
N, L, G	-	-	-	-	-	-	-	-	-	-	0,0,2	-	0,25,0
Std Dev.	1.414	4.357	178.183	-	-	-	2.828	-	.707	-	16.806	3.204	-
Coeff Var	7.443	27.445	98.335	-	-	-	9.124	-	4.285	-	109.013	7.016	-
GX4 - Reference Sample													
Minimum	5.00	4.00	5.00	2.00	-	11.00	14.00	62.00	8.00	4.00	2.00	-	6.00
Maximum	5.00	4.00	20.00	2.00	-	12.00	14.00	62.00	18.00	4.00	39.00	-	6.00
Mean	5.00	4.00	14.00	2.00	-	11.50	14.00	62.00	13.00	4.00	8.64	-	6.00
Number	2	3	3	1	-	2	2	2	2	2	13	-	1
N, L, G	-	0,4,0	0,2,0	-	-	-	-	-	-	-	0,1,0	0,6,0	0,25,0
Std Dev.	-	-	7.937	-	-	.707	-	-	7.071	-	11.221	-	-
Coeff Var	-	-	56.695	-	-	6.149	-	-	54.393	-	129.893	-	-
GX5 - Reference Sample													
Minimum	1.00	19.00	2.00	1.00	1.30	13.00	16.00	88.00	-	1.00	1.00	-	-
Maximum	1.00	19.00	21.00	1.00	1.30	14.00	16.00	90.00	-	1.00	25.00	-	-
Mean	1.00	19.00	12.67	1.00	1.30	13.50	16.00	89.00	-	1.00	5.91	-	-
Number	2	4	3	1	1	2	2	2	-	2	9	-	-
N, L, G	-	0,4,0	0,2,0	-	-	-	-	-	0,2,0	-	0,5,0	0,6,0	0,26,0
Std Dev.	-	-	9.713	-	-	.707	-	1.414	-	-	8.206	-	-
Coeff Var	-	-	76.678	-	-	5.238	-	1.589	-	-	138.816	-	-
GX6 - Reference Sample													
Minimum	4.00	2.00	3.00	1.00	2.80	21.00	14.00	82.00	-	3.00	1.00	-	-
Maximum	4.00	3.00	3.00	1.00	2.80	22.00	14.00	82.00	-	3.00	25.00	-	-
Mean	4.00	2.50	3.00	1.00	2.80	21.50	14.00	82.00	-	3.00	5.85	-	-
Number	2	4	1	1	1	2	2	2	-	2	14	-	-
N, L, G	-	0,4,0	0,4,0	-	-	-	-	-	0,2,0	-	-	0,6,0	0,26,0
Std Dev.	-	.577	-	-	-	.707	-	-	-	-	7.198	-	-
Coeff Var	-	23.094	-	-	-	3.289	-	-	-	-	123.049	-	-

Table 3. Statistical summary of geochemical data, analyses of Antimony (Sb) in ppm.

Analysis	FAAG	FAAH	ICPE	NAA	XRF	XRF	XRF
Digestion	5	25 21	5		23 25	30	32
GX1 - Reference Sample							
Minimum	-	133.90	-	122.00	70.00	38.00	-
Maximum	-	133.90	-	170.00	70.00	40.00	-
Mean	-	133.90	-	141.17	70.00	39.00	-
Number	-	1	-	6	2	2	-
N, L, G	-	-	-	-	-	-	-
Std Dev.	-	-	-	22.543	-	1.414	-
Coeff Var	-	-	-	15.969	-	3.626	-
GX2 - Reference Sample							
Minimum	28.00	54.10	29.00	49.00	60.00	22.00	45.00
Maximum	60.00	54.10	48.00	59.00	60.00	23.00	45.00
Mean	40.75	54.10	35.07	55.83	60.00	22.50	45.00
Number	8	1	15	6	2	2	1
N, L, G	-	-	-	-	-	-	-
Std Dev.	10.025	-	5.271	4.309	-	.707	-
Coeff Var	24.601	-	15.031	7.717	-	3.143	-
GX3 - Reference Sample							
Minimum	33.00	-	-	43.00	-	7.00	12.00
Maximum	60.00	-	-	66.00	-	9.00	12.00
Mean	46.60	-	-	56.17	-	8.00	12.00
Number	5	-	-	6	-	2	1
N, L, G	-	0,1,0	-	-	0,2,0	-	-
Std Dev.	10.383	-	-	10.381	-	1.414	-
Coeff Var	22.280	-	-	18.483	-	17.678	-
GX4 - Reference Sample							
Minimum	-	4.70	1.00	4.70	28.00	2.00	-
Maximum	-	4.70	8.00	6.50	30.00	3.00	-
Mean	-	4.70	3.15	5.63	29.00	2.50	-
Number	-	1	13	6	2	2	-
N, L, G	-	-	-	-	-	-	-
Std Dev.	-	-	1.864	.766	1.414	.707	-
Coeff Var	-	-	59.101	13.596	4.877	28.284	-
GX5 - Reference Sample							
Minimum	2.00	2.20	-	1.50	28.00	-	-
Maximum	2.00	2.20	-	2.20	28.00	-	-
Mean	2.00	2.20	-	1.80	28.00	-	-
Number	1	1	-	6	2	-	-
N, L, G	-	-	-	-	-	0,2,0	0,1,0
Std Dev.	-	-	-	.316	-	-	-
Coeff Var	-	-	-	17.568	-	-	-
GX6 - Reference Sample							
Minimum	-	4.30	-	4.00	25.00	-	-
Maximum	-	4.30	-	4.80	25.00	-	-
Mean	-	4.30	-	4.45	25.00	-	-
Number	-	1	-	6	2	-	-
N, L, G	-	-	-	-	-	0,2,0	0,1,0
Std Dev.	-	-	-	.321	-	-	-
Coeff Var	-	-	-	7.211	-	-	-

Table 3. Statistical summary of geochemical data, analyses of Arsenic (As) in ppm.

Analysis		AA	AA	AA	AA	AA	COLO	COLO	COLO	COLO	COLO	COLO
Digestion	32	1	12	22	3	32	6	1	22	24	4 18	7	8
GX1 - Reference Sample													
Minimum	234.00	20.00	370.00	450.00	220.00	-	194.00	55.00	225.00	160.00	445.00	340.00	397.00
Maximum	234.00	30.00	370.00	490.00	220.00	-	226.00	75.00	1000.00	380.00	490.00	380.00	452.00
Mean	234.00	25.00	370.00	473.75	220.00	-	209.50	65.00	429.00	255.00	467.50	358.75	421.25
Number	1	2	2	4	1	-	4	2	10	10	2	4	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	7.071	-	17.970	-	-	15.000	14.142	223.468	58.737	31.820	21.747	27.097
Coeff Var	-	28.284	-	3.793	-	-	7.160	21.757	52.090	23.034	6.806	6.062	6.433
GX2 - Reference Sample													
Minimum	14.00	50.00	-	25.00	30.00	20.00	10.00	2.00	10.00	3.00	22.00	13.00	20.00
Maximum	14.00	90.00	-	29.00	30.00	20.00	48.00	3.00	40.00	25.00	24.00	21.00	42.00
Mean	14.00	70.00	-	27.25	30.00	20.00	27.50	2.50	26.87	17.25	23.00	18.40	29.25
Number	1	2	-	4	1	1	4	2	8	8	2	5	4
N, L, G	-	-	-	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	-	28.284	-	2.062	-	-	19.348	.707	10.329	7.106	1.414	3.130	10.626
Coeff Var	-	40.406	-	7.565	-	-	70.355	28.284	38.435	41.196	6.149	17.014	36.329
GX3 - Reference Sample													
Minimum	4000.00	40.00	42.00	4600.00	1350.00	-	1820.00	-	1000.00	2200.00	4200.00	3750.00	2790.00
Maximum	4000.00	45.00	42.00	4750.00	1350.00	-	2860.00	-	4000.00	4300.00	4400.00	3750.00	3835.00
Mean	4000.00	42.50	42.00	4687.50	1350.00	-	2345.00	-	2818.00	3212.50	4300.00	3750.00	3233.25
Number	1	2	2	4	1	-	4	-	10	8	2	4	4
N, L, G	-	-	-	-	-	0,0,1	-	0,0,2	-	-	-	0,0,1	-
Std Dev.	-	3.536	-	62.823	-	-	572.334	-	1151.334	914.075	141.421	-	494.883
Coeff Var	-	8.319	-	1.340	-	-	24.407	-	40.856	28.454	3.289	-	15.306
GX4 - Reference Sample													
Minimum	95.00	115.00	18.00	112.00	110.00	-	60.00	25.00	59.00	20.00	120.00	75.00	102.00
Maximum	95.00	120.00	19.00	114.00	110.00	-	102.00	25.00	200.00	100.00	120.00	75.00	121.00
Mean	95.00	117.50	18.50	113.50	110.00	-	81.50	25.00	105.20	66.87	120.00	75.00	110.25
Number	1	2	2	4	1	-	4	2	10	8	2	4	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	3.536	.707	1.000	-	-	21.564	-	45.397	29.512	-	-	8.884
Coeff Var	-	3.009	3.822	.881	-	-	26.459	-	43.153	44.131	-	-	8.058
GX5 - Reference Sample													
Minimum	10.00	40.00	27.00	11.00	20.00	12.00	2.00	3.00	9.00	10.00	13.00	9.00	12.00
Maximum	10.00	40.00	31.00	14.00	20.00	12.00	6.00	3.00	100.00	20.00	13.50	13.00	25.00
Mean	10.00	40.00	29.00	12.50	20.00	12.00	4.50	3.00	30.29	13.62	13.25	11.00	17.00
Number	1	2	2	4	1	1	4	2	7	8	2	5	4
N, L, G	-	-	-	-	-	-	-	-	0,3,0	-	-	-	-
Std Dev.	-	-	2.828	1.732	-	-	1.915	-	35.892	4.274	.354	1.581	5.715
Coeff Var	-	-	9.753	13.856	-	-	42.552	-	118.511	31.369	2.668	14.374	33.620
GX6 - Reference Sample													
Minimum	305.00	40.00	17.00	320.00	290.00	250.00	118.00	75.00	100.00	160.00	305.00	205.00	215.00
Maximum	305.00	75.00	18.00	360.00	290.00	250.00	156.00	75.00	1000.00	260.00	360.00	310.00	312.00
Mean	305.00	57.50	17.50	344.75	290.00	250.00	137.00	75.00	347.50	228.13	332.50	287.00	262.50
Number	1	2	2	4	1	1	4	2	10	8	2	5	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	24.749	.707	17.802	-	-	20.817	-	260.845	42.252	38.891	46.043	48.142
Coeff Var	-	43.041	4.041	5.164	-	-	15.195	-	75.063	18.522	11.697	16.043	18.340

Table 3. Statistical summary of geochemical data, analyses of Arsenic (As) in ppm.

Analysis	DCP	EMS	FAA	FAAG	FAAH	FAAH	FAAH	ICPE	NAA	TITR	XRF	XRF
Digestion	6 13		12	5	12	25 21	9	5		4 18	30	5
GX1 - Reference Sample												
Minimum	395.00	200.00	9.70	-	-	442.00	436.00	-	430.00	500.00	377.00	190.00
Maximum	465.00	1000.00	10.10	-	-	442.00	454.00	-	520.00	500.00	755.00	236.00
Mean	434.67	340.00	9.90	-	-	442.00	445.00	-	466.67	500.00	524.67	213.00
Number	6	19	2	-	-	1	2	-	6	1	6	2
N, L, G	-	0,6,0	-	-	-	-	-	-	-	-	-	-
Std Dev.	24.163	193.218	.283	-	-	-	12.728	-	42.740	-	161.761	32.527
Coeff Var	5.559	56.829	2.856	-	-	-	2.860	-	9.158	-	30.831	15.271
GX2 - Reference Sample												
Minimum	-	60.00	12.00	11.00	8.00	31.10	22.00	14.00	32.00	20.00	14.00	36.00
Maximum	-	1000.00	12.00	35.00	8.00	31.10	23.00	40.00	37.00	20.00	57.00	46.00
Mean	-	530.00	12.00	21.93	8.00	31.10	22.50	21.70	33.67	20.00	31.50	41.00
Number	-	2	2	104	2	1	2	100	6	1	6	2
N, L, G	0,6,0	0,23,0	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	664.680	-	4.742	-	-	.707	4.034	2.251	-	19.378	7.071
Coeff Var	-	125.411	-	21.623	-	-	3.143	18.590	6.686	-	61.517	17.247
GX3 - Reference Sample												
Minimum	3983.00	500.00	-	10.00	-	-	4167.00	-	3600.00	4200.00	3787.00	2910.00
Maximum	4142.00	7000.00	-	10.00	-	-	4210.00	-	5000.00	4200.00	5400.00	3140.00
Mean	4063.00	3133.60	-	10.00	-	-	4188.50	-	4483.33	4200.00	4527.67	3025.00
Number	6	25	-	1	-	-	2	-	6	1	6	2
N, L, G	-	-	-	-	-	1,0,0	-	-	-	-	-	-
Std Dev.	57.318	1989.005	-	-	-	-	30.331	-	614.540	-	691.532	162.628
Coeff Var	1.411	63.473	-	-	-	-	.724	-	13.707	-	15.273	5.376
GX4 - Reference Sample												
Minimum	86.00	110.00	-	5.00	15.00	101.90	97.00	90.00	94.00	300.00	94.00	110.00
Maximum	114.00	110.00	-	146.00	15.00	101.90	99.00	164.00	130.00	300.00	205.00	119.00
Mean	99.67	110.00	-	43.47	15.00	101.90	98.00	119.29	115.33	300.00	132.17	114.50
Number	6	1	-	47	2	1	2	97	6	1	6	2
N, L, G	-	0,24,0	-	-	-	-	-	-	-	-	-	-
Std Dev.	12.549	-	-	49.417	-	-	1.414	11.201	15.680	-	54.602	6.364
Coeff Var	12.591	-	-	113.685	-	-	1.443	9.390	13.595	-	41.313	5.558
GX5 - Reference Sample												
Minimum	-	13.00	-	6.00	3.00	14.00	11.10	-	12.00	10.00	11.00	10.00
Maximum	-	13.00	-	14.00	3.00	14.00	11.20	-	14.00	10.00	24.00	10.00
Mean	-	13.00	-	10.75	3.00	14.00	11.15	-	13.00	10.00	14.50	10.00
Number	-	1	-	20	2	1	2	-	6	1	6	2
N, L, G	0,6,0	0,24,0	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	-	-	2.023	-	-	.071	-	.894	-	4.889	-
Coeff Var	-	-	-	18.818	-	-	.634	-	6.880	-	33.716	-
GX6 - Reference Sample												
Minimum	297.00	200.00	-	-	-	313.60	303.00	-	340.00	400.00	291.00	209.00
Maximum	326.00	360.00	-	-	-	313.60	312.00	-	380.00	400.00	625.00	242.00
Mean	309.83	240.00	-	-	-	313.60	307.50	-	365.00	400.00	387.88	225.50
Number	6	14	-	-	-	1	2	-	6	1	8	2
N, L, G	-	0,11,0	-	-	-	-	-	-	-	-	-	-
Std Dev.	10.852	51.291	-	-	-	-	6.364	-	19.748	-	141.174	23.335
Coeff Var	3.503	21.371	-	-	-	-	2.070	-	5.411	-	36.397	10.348

Table 3. Statistical summary of geochemical data, analyses of Barium (Ba) in ppm.

Analysis	AA	AA	AA	AA	COLO	DCP	EMS	FMS	NAA	XRF	XRF	XRF
Digestion	10	23	27	8	25 21	6 13		21		23	30	32
GX1 - Reference Sample												
Minimum	350.00	711.00	15.00	665.00	500.00	408.00	250.00	1310.00	800.00	624.00	600.00	906.00
Maximum	700.00	780.00	20.00	705.00	500.00	845.00	1000.00	1330.00	1900.00	900.00	1316.00	906.00
Mean	498.57	745.50	17.50	681.25	500.00	631.83	553.56	1320.00	1226.67	770.90	872.83	906.00
Number	7	2	2	4	1	6	34	2	6	10	6	1
N, L, G	-	-	-	-	0,1,0	-	-	-	-	-	-	-
Std Dev.	107.615	48.790	3.536	17.970	-	152.953	190.658	14.142	523.781	108.501	287.861	-
Coeff Var	21.585	6.545	20.203	2.638	-	24.208	34.442	1.071	42.700	14.075	32.980	-
GX2 - Reference Sample												
Minimum	1400.00	2020.00	520.00	2085.00	2000.00	1800.00	800.00	1950.00	2240.00	1810.00	2150.00	2825.00
Maximum	2150.00	2436.00	580.00	2190.00	2500.00	2118.00	3000.00	2020.00	2600.00	2400.00	2426.00	2825.00
Mean	1734.29	2228.00	550.00	2157.50	2250.00	1987.83	1601.97	1985.00	2411.67	2140.00	2245.50	2825.00
Number	7	2	2	4	2	6	34	2	6	10	6	1
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	281.177	294.156	42.426	48.744	353.553	110.410	535.400	49.497	126.238	247.480	99.288	-
Coeff Var	16.213	13.203	7.714	2.259	15.713	5.554	33.421	2.494	5.234	11.565	4.422	-
GX3 - Reference Sample												
Minimum	500.00	5295.00	65.00	4490.00	1750.00	4310.00	2000.00	5500.00	4300.00	4230.00	5100.00	4589.00
Maximum	4150.00	5630.00	70.00	4910.00	2000.00	5060.00	10000.00	5590.00	5250.00	5700.00	7756.00	4589.00
Mean	2305.00	5462.50	67.50	4707.50	1875.00	4701.67	4498.80	5545.00	4676.67	4993.33	6033.17	4589.00
Number	6	2	2	4	2	6	30	2	6	9	6	1
N, L, G	-	-	-	-	-	-	0,0,4	-	-	-	-	-
Std Dev.	1905.767	236.863	3.536	223.332	176.777	289.434	1860.930	63.624	433.430	717.249	1281.346	-
Coeff Var	82.680	4.336	5.238	4.744	9.428	6.156	41.365	1.147	9.268	14.364	21.238	-
GX4 - Reference Sample												
Minimum	50.00	1624.00	175.00	1420.00	1000.00	1305.00	700.00	1410.00	1650.00	1490.00	1500.00	1566.00
Maximum	1300.00	1803.00	185.00	1470.00	1000.00	1745.00	3000.00	1480.00	2000.00	1970.00	1807.00	1566.00
Mean	442.86	1713.50	180.00	1435.00	1000.00	1526.67	1548.29	1445.00	1838.33	1718.00	1696.83	1566.00
Number	7	2	2	4	2	6	34	2	6	10	6	1
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	592.613	126.572	7.071	23.466	-	141.233	565.793	49.497	153.675	205.143	108.557	-
Coeff Var	133.816	7.387	3.928	1.635	-	9.251	36.543	3.425	8.359	11.941	6.398	-
GX5 - Reference Sample												
Minimum	1160.00	1865.00	120.00	1820.00	1500.00	769.00	700.00	1730.00	1920.00	1800.00	1936.00	2324.00
Maximum	2000.00	2003.00	140.00	1980.00	1500.00	1004.00	3000.00	1840.00	2500.00	2390.00	2188.00	2324.00
Mean	1460.00	1934.00	130.00	1895.00	1500.00	833.50	1436.32	1785.00	2203.33	2025.00	2055.33	2324.00
Number	7	2	2	4	2	6	34	2	6	10	6	1
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	295.804	97.581	14.142	70.000	-	87.988	494.104	77.782	213.698	210.987	88.450	-
Coeff Var	20.261	5.046	10.879	3.694	-	10.556	34.401	4.358	9.699	10.419	4.303	-
GX6 - Reference Sample												
Minimum	720.00	1238.00	40.00	1360.00	1000.00	1138.00	300.00	1130.00	1340.00	1120.00	1250.00	1744.00
Maximum	1400.00	1395.00	50.00	1500.00	1250.00	1414.00	2000.00	1150.00	1500.00	1590.00	1638.00	1744.00
Mean	934.29	1316.50	45.00	1415.00	1125.00	1278.00	972.41	1140.00	1456.67	1390.00	1365.40	1744.00
Number	7	2	2	4	2	6	34	2	6	10	10	1
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	242.065	111.016	7.071	68.069	176.777	87.733	351.644	14.142	69.762	149.372	114.650	-
Coeff Var	25.909	8.433	15.713	4.810	15.713	6.865	36.162	1.241	4.789	10.746	8.397	-

Table 3. Statistical summary of geochemical data, analyses of Beryllium (Be) in ppm.

Analysis	AA	AA	AA	AA	COLO	DCP	DCP	EMS	FAA
Digestion	10	12 18	23	3	28 4	6 13	9 18		12 18
GX1 - Reference Sample									
Minimum	-	-	.97	-	-	-	-	1.00	1.07
Maximum	-	-	1.27	-	-	-	-	2.10	1.08
Mean	-	-	1.12	-	-	-	-	1.57	1.07
Number	-	-	2	-	-	-	-	20	2
N, L, G	0,2,0	-	-	-	0,2,0	0,6,0	0,4,0	0,13,0	-
Std Dev.	-	-	.212	-	-	-	-	.414	.007
Coeff Var	-	-	18.940	-	-	-	-	26.391	.658
GX2 - Reference Sample									
Minimum	2.00	-	1.61	-	2.50	1.00	-	1.00	1.98
Maximum	2.00	-	1.68	-	2.50	1.00	-	2.10	2.02
Mean	2.00	-	1.65	-	2.50	1.00	-	1.58	2.00
Number	2	-	2	-	2	6	-	22	2
N, L, G	-	-	-	-	-	-	0,4,0	0,11,0	-
Std Dev.	-	-	.050	-	-	-	-	.389	.028
Coeff Var	-	-	3.009	-	-	-	-	24.573	1.415
GX3 - Reference Sample									
Minimum	30.00	20.80	26.00	25.70	20.00	24.00	30.00	2.00	-
Maximum	30.00	20.90	26.20	28.20	25.00	28.00	30.00	100.00	-
Mean	30.00	20.85	26.10	26.95	22.50	27.00	30.00	27.61	-
Number	2	2	2	2	2	6	4	33	-
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	-	.072	.142	1.768	3.536	1.673	-	21.034	-
Coeff Var	-	.343	.544	6.559	15.713	6.197	-	76.194	-
GX4 - Reference Sample									
Minimum	2.00	-	2.03	.70	2.50	1.00	-	1.00	2.13
Maximum	2.00	-	2.19	.70	2.50	1.00	-	5.00	2.21
Mean	2.00	-	2.11	.70	2.50	1.00	-	2.13	2.17
Number	2	-	2	2	2	6	-	25	2
N, L, G	-	-	-	-	-	-	0,4,0	0,8,0	-
Std Dev.	-	-	.113	.001	-	-	-	1.111	.057
Coeff Var	-	-	5.362	.099	-	-	-	52.103	2.606
GX5 - Reference Sample									
Minimum	2.00	-	1.13	-	-	1.00	-	.90	1.07
Maximum	2.00	-	1.25	-	-	1.00	-	2.00	1.19
Mean	2.00	-	1.19	-	-	1.00	-	1.42	1.13
Number	2	-	2	-	-	6	-	14	2
N, L, G	-	-	-	-	0,2,0	-	0,4,0	0,19,0	-
Std Dev.	-	-	.085	-	-	-	-	.434	.085
Coeff Var	-	-	7.131	-	-	-	-	30.501	7.509
GX6 - Reference Sample									
Minimum	2.00	-	1.06	-	1.00	1.00	-	1.00	1.07
Maximum	2.00	-	1.09	-	2.50	1.00	-	3.00	1.10
Mean	2.00	-	1.08	-	1.75	1.00	-	1.50	1.09
Number	2	-	2	-	2	6	-	12	2
N, L, G	-	-	-	-	-	-	0,4,0	0,21,0	-
Std Dev.	-	-	.021	-	1.061	-	-	.564	.021
Coeff Var	-	-	1.973	-	60.609	-	-	37.605	1.955

Table 3. Statistical summary of geochemical data, analyses of Bismuth (Bi) in ppm.

Analysis	AA	AA	AA	AA	AA	AA	COLO	DCP	EMS	FAAH	XRF
Digestion	10	11 18	12	4	5	7	24	9 18		12	23
GX1 - Reference Sample											
Minimum	1635.00	870.00	1460.00	1180.00	1300.00	1472.00	1000.00	-	300.00	-	1700.00
Maximum	1695.00	880.00	1750.00	1830.00	1900.00	1474.00	1000.00	-	3000.00	-	2000.00
Mean	1665.00	875.00	1597.50	1486.87	1586.67	1473.00	1000.00	-	1244.23	-	1850.00
Number	2	2	4	8	6	2	2	-	26	-	4
N, L, G	-	-	-	-	-	-	-	0,0,4	0,2,2	-	-
Std Dev.	42.426	7.071	148.858	254.574	253.903	1.414	-	-	729.976	-	173.205
Coeff Var	2.548	.808	9.318	17.121	16.002	.096	-	-	58.669	-	9.362
GX2 - Reference Sample											
Minimum	35.00	8.00	10.00	5.00	1.50	-	-	.50	1.00	.60	-
Maximum	55.00	8.00	10.00	8.00	25.00	-	-	.50	1.00	.60	-
Mean	45.00	8.00	10.00	6.33	12.75	-	-	.50	1.00	.60	-
Number	2	2	2	3	4	-	-	3	1	2	-
N, L, G	-	-	-	0,5,0	0,2,0	0,2,0	0,2,0	0,1,0	0,29,0	-	-
Std Dev.	14.142	-	-	1.528	13.016	-	-	-	-	.001	-
Coeff Var	31.427	-	-	24.119	102.086	-	-	-	-	.115	-
GX3 - Reference Sample											
Minimum	95.00	27.00	5.00	10.00	1.00	-	80.00	37.00	.50	.90	-
Maximum	95.00	28.00	7.00	26.00	75.00	-	130.00	49.00	.50	1.00	-
Mean	95.00	27.50	6.00	17.33	37.50	-	105.00	43.00	.50	.95	-
Number	2	2	2	6	4	-	2	4	1	2	-
N, L, G	-	-	-	0,2,0	0,2,0	0,2,0	-	-	0,29,0	-	-
Std Dev.	-	.707	1.414	5.354	42.154	-	35.355	6.928	-	.071	-
Coeff Var	-	2.571	23.570	30.889	112.412	-	33.672	16.112	-	7.443	-
GX4 - Reference Sample											
Minimum	55.00	24.00	22.00	4.00	20.00	-	40.00	27.00	10.00	4.00	-
Maximum	73.00	24.00	22.00	32.00	28.00	-	60.00	40.00	37.00	7.60	-
Mean	64.00	24.00	22.00	18.62	23.42	-	50.00	33.50	19.61	5.80	-
Number	2	2	2	8	6	-	2	4	28	2	-
N, L, G	-	-	-	-	-	0,2,0	-	-	0,2,0	-	-
Std Dev.	12.728	-	-	11.513	3.693	-	14.142	7.506	6.250	2.546	-
Coeff Var	19.887	-	-	61.816	15.773	-	28.284	22.405	31.876	43.889	-
GX5 - Reference Sample											
Minimum	45.00	8.00	5.00	5.00	1.50	-	60.00	.50	1.00	.20	-
Maximum	55.00	9.00	5.00	11.00	35.00	-	80.00	.50	1.00	.20	-
Mean	50.00	8.50	5.00	7.50	14.50	-	70.00	.50	1.00	.20	-
Number	2	2	2	4	4	-	2	3	1	2	-
N, L, G	-	-	-	0,4,0	0,2,0	0,2,0	-	0,1,0	0,29,0	-	-
Std Dev.	7.071	.707	-	2.646	16.212	-	14.142	-	-	-	-
Coeff Var	14.142	8.319	-	35.277	111.808	-	20.203	-	-	-	-
GX6 - Reference Sample											
Minimum	42.00	12.00	25.00	5.00	1.00	-	60.00	.50	.50	.20	-
Maximum	60.00	13.00	32.00	16.00	40.00	-	60.00	.50	.50	.20	-
Mean	51.00	12.50	28.50	10.20	19.25	-	60.00	.50	.50	.20	-
Number	2	2	2	5	4	-	2	4	1	2	-
N, L, G	-	-	-	0,3,0	0,2,0	0,2,0	-	-	0,29,0	-	-
Std Dev.	12.728	.707	4.950	4.087	21.172	-	-	-	-	-	-
Coeff Var	24.957	5.657	17.368	40.064	109.984	-	-	-	-	-	-

Table 3. Statistical summary of geochemical data, analyses of Boron (B) in ppm.

Analysis Digestion	DCP 22	DCP 6 13	EMS	NAA
GX1 - Reference Sample				
Minimum	80.00	-	7.00	15.00
Maximum	80.00	-	100.00	15.60
Mean	80.00	-	34.11	15.30
Number	4	-	19	2
N, L, G	-	0,6,0	0,12,0	-
Std Dev.	-	-	35.114	.424
Coeff Var	-	-	102.958	2.772
GX2 - Reference Sample				
Minimum	50.00	32.00	20.00	43.20
Maximum	70.00	38.00	70.00	43.80
Mean	57.50	34.50	40.92	43.50
Number	4	6	25	2
N, L, G	-	-	0,6,0	-
Std Dev.	9.574	2.168	15.500	.424
Coeff Var	16.651	6.284	37.878	.974
GX3 - Reference Sample				
Minimum	230.00	170.00	70.00	180.00
Maximum	250.00	196.00	600.00	184.00
Mean	242.50	183.67	182.50	182.00
Number	4	6	28	2
N, L, G	-	-	0,3,0	-
Std Dev.	9.574	9.416	117.296	2.828
Coeff Var	3.948	5.127	64.272	1.554
GX4 - Reference Sample				
Minimum	20.00	-	4.00	4.30
Maximum	30.00	-	50.00	4.30
Mean	22.50	-	16.67	4.30
Number	4	-	6	2
N, L, G	-	0,6,0	0,25,0	-
Std Dev.	5.000	-	16.669	.003
Coeff Var	22.222	-	100.016	.064
GX5 - Reference Sample				
Minimum	40.00	12.00	9.00	25.20
Maximum	50.00	18.00	32.00	25.60
Mean	42.50	14.33	19.64	25.40
Number	4	6	22	2
N, L, G	-	-	0,9,0	-
Std Dev.	5.000	2.066	7.883	.283
Coeff Var	11.765	14.411	40.147	1.113
GX6 - Reference Sample				
Minimum	30.00	-	6.00	10.80
Maximum	30.00	-	25.00	11.60
Mean	30.00	-	12.21	11.20
Number	4	-	14	2
N, L, G	-	0,6,0	0,17,0	-
Std Dev.	-	-	5.577	.566
Coeff Var	-	-	45.661	5.051

Table 3. Statistical summary of geochemical data, analyses of Bromine (Br) in ppm.

Analysis	NAA
Digestion	
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	3.00
Maximum	4.00
Mean	3.75
Number	4
N, L, G	-
Std Dev.	.500
Coeff Var	13.333
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	1.00
Maximum	2.00
Mean	1.75
Number	4
N, L, G	-
Std Dev.	.500
Coeff Var	28.571
GX5 - Reference Sample	
Minimum	7.00
Maximum	9.00
Mean	7.75
Number	4
N, L, G	-
Std Dev.	.957
Coeff Var	12.354
GX6 - Reference Sample	
Minimum	3.00
Maximum	3.00
Mean	3.00
Number	4
N, L, G	-
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Cadmium (Cd) in ppm.

Analysis Digestion	AA 10	AA 12	AA 16	AA 4	AA 5	AA 6	AA 7	AA 8	AA 9	AA 9 21	DCP 6 13	DCP 9 18	EMS
GX1 - Reference Sample													
Minimum	1.20	3.00	3.50	1.00	2.00	6.00	1.00	-	2.00	-	4.00	1.60	-
Maximum	2.00	3.00	3.50	4.40	6.60	8.00	10.00	-	4.00	-	5.00	2.00	-
Mean	1.60	3.00	3.50	3.03	4.46	7.00	4.68	-	2.67	-	4.67	1.80	-
Number	2	2	2	6	14	4	15	-	6	-	6	4	-
N, L, G	-	0,4,0	-	-	-	-	0,2,0	0,4,0	-	0,2,0	-	-	0,19,0
Std Dev.	.566	-	-	1.490	1.538	1.155	2.827	-	1.033	-	.516	.231	-
Coeff Var	35.355	-	-	49.105	34.500	16.496	60.405	-	38.730	-	11.066	12.830	-
GX2 - Reference Sample													
Minimum	3.70	2.00	4.50	3.20	3.80	6.00	3.00	2.90	3.50	-	4.00	3.80	-
Maximum	4.00	4.00	5.00	5.50	5.87	6.00	6.50	2.90	5.00	-	4.00	4.00	-
Mean	3.85	3.25	4.75	4.48	4.70	6.00	4.68	2.90	4.10	-	4.00	3.90	-
Number	2	6	2	6	14	2	17	1	6	-	6	4	-
N, L, G	-	-	-	-	-	0,2,0	-	0,4,0	-	0,2,0	-	-	0,19,0
Std Dev.	.212	.758	.354	.997	.590	-	1.378	-	.710	-	-	.115	-
Coeff Var	5.510	23.332	7.443	22.234	12.541	-	29.431	-	17.315	-	-	2.961	-
GX3 - Reference Sample													
Minimum	-	3.00	1.50	.10	.10	6.00	1.10	10.00	3.00	-	4.00	-	-
Maximum	-	4.50	2.00	3.50	6.30	6.00	11.00	10.00	3.00	-	8.00	-	-
Mean	-	3.75	1.75	2.32	3.35	6.00	5.02	10.00	3.00	-	6.17	-	-
Number	-	2	2	6	13	2	13	2	2	-	6	-	-
N, L, G	0,2,0	0,4,0	-	-	0,1,0	0,2,0	0,4,0	0,2,0	0,4,0	0,2,0	-	0,4,0	0,19,0
Std Dev.	-	1.061	.354	1.719	1.923	-	3.329	-	-	-	1.329	-	-
Coeff Var	-	28.284	20.203	74.185	57.369	-	66.278	-	-	-	21.554	-	-
GX4 - Reference Sample													
Minimum	-	1.00	.50	.10	.30	2.00	.60	-	-	-	-	.20	-
Maximum	-	1.00	.50	1.80	2.00	2.00	4.20	-	-	-	-	.40	-
Mean	-	1.00	.50	1.20	1.25	2.00	2.09	-	-	-	-	.27	-
Number	-	2	2	6	14	2	12	-	-	-	-	3	-
N, L, G	0,2,0	0,4,0	-	-	-	0,2,0	0,4,0	0,4,0	0,6,0	0,2,0	0,6,0	0,1,0	0,19,0
Std Dev.	-	-	-	.748	.639	-	1.114	-	-	-	-	.115	-
Coeff Var	-	-	-	62.361	51.149	-	53.256	-	-	-	-	43.301	-
GX5 - Reference Sample													
Minimum	-	.50	.50	.20	.80	2.00	.60	-	-	-	-	-	-
Maximum	-	1.00	.50	1.70	1.60	2.00	2.90	-	-	-	-	-	-
Mean	-	.75	.50	1.24	1.34	2.00	1.75	-	-	-	-	-	-
Number	-	2	1	5	12	2	13	-	-	-	-	-	-
N, L, G	0,2,0	0,4,0	0,1,0	0,1,0	0,2,0	0,2,0	0,4,0	0,4,0	0,6,0	0,2,0	0,6,0	0,4,0	0,19,0
Std Dev.	-	.354	-	.615	.261	-	.777	-	-	-	-	-	-
Coeff Var	-	47.140	-	49.582	19.537	-	44.326	-	-	-	-	-	-
GX6 - Reference Sample													
Minimum	-	1.00	.50	.10	.40	2.00	.60	5.00	-	-	1.00	-	-
Maximum	-	1.00	1.00	1.70	2.15	2.00	3.90	5.00	-	-	1.00	-	-
Mean	-	1.00	.75	1.32	1.47	2.00	2.19	5.00	-	-	1.00	-	-
Number	-	2	2	5	12	2	13	2	-	-	6	-	-
N, L, G	0,2,0	0,4,0	-	0,1,0	0,2,0	0,2,0	0,4,0	0,2,0	0,6,0	0,2,0	-	0,4,0	0,19,0
Std Dev.	-	-	.354	.687	.528	-	1.244	-	-	-	-	-	-
Coeff Var	-	-	47.140	52.047	35.961	-	56.742	-	-	-	-	-	-

Table 3. Statistical summary of geochemical data, analyses of Cadmium (Cd) in ppm.

Analysis	EMS	FAA
Digestion	1	12
GX1 - Reference Sample		
Minimum	-	.90
Maximum	-	1.00
Mean	-	.95
Number	-	2
N, L, G	5,0,0	-
Std Dev.	-	.071
Coeff Var	-	7.443
GX2 - Reference Sample		
Minimum	-	3.50
Maximum	-	3.50
Mean	-	3.50
Number	-	2
N, L, G	5,0,0	-
Std Dev.	-	-
Coeff Var	-	-
GX3 - Reference Sample		
Minimum	-	.20
Maximum	-	.20
Mean	-	.20
Number	-	2
N, L, G	5,0,0	-
Std Dev.	-	-
Coeff Var	-	-
GX4 - Reference Sample		
Minimum	-	.30
Maximum	-	.30
Mean	-	.30
Number	-	2
N, L, G	5,0,0	-
Std Dev.	-	.000
Coeff Var	-	.081
GX5 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	5,0,0	0,2,0
Std Dev.	-	-
Coeff Var	-	-
GX6 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	5,0,0	0,2,0
Std Dev.	-	-
Coeff Var	-	-

Table 3. Statistical summary of geochemical data, analyses of Calcium Oxide (CaO) in percent.

Analysis	AA	AA	EMS	MICR	XRF	XRF
Digestion	10	21 23		23	23	30
GX1 - Reference Sample						
Minimum	1.16	1.30	1.50	1.26	1.22	1.06
Maximum	1.25	1.30	1.80	1.30	1.35	1.34
Mean	1.22	1.30	1.68	1.28	1.26	1.18
Number	4	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.043	-	.126	.028	.048	.121
Coeff Var	3.509	-	7.512	2.210	3.815	10.264
GX2 - Reference Sample						
Minimum	1.13	1.20	1.10	1.24	1.19	1.00
Maximum	1.26	1.20	1.70	1.25	1.29	1.38
Mean	1.19	1.20	1.37	1.24	1.24	1.14
Number	4	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.062	-	.250	.007	.034	.180
Coeff Var	5.231	-	18.182	.568	2.718	15.802
GX3 - Reference Sample						
Minimum	18.50	18.71	13.00	18.92	17.40	13.30
Maximum	20.30	18.94	15.00	18.97	20.51	22.32
Mean	19.07	18.83	13.50	18.95	19.12	16.68
Number	4	2	4	2	12	7
N, L, G	-	-	-	-	-	-
Std Dev.	.850	.163	1.000	.033	1.287	4.255
Coeff Var	4.456	.865	7.407	.175	6.733	25.516
GX4 - Reference Sample						
Minimum	1.30	1.30	2.40	1.36	1.34	.97
Maximum	1.50	1.30	2.70	1.42	1.50	1.43
Mean	1.39	1.30	2.52	1.39	1.40	1.16
Number	3	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.103	-	.126	.042	.046	.235
Coeff Var	7.401	-	4.984	3.052	3.306	20.342
GX5 - Reference Sample						
Minimum	1.05	1.10	1.30	1.11	1.08	.89
Maximum	1.23	1.10	1.70	1.19	1.18	1.23
Mean	1.12	1.10	1.48	1.15	1.12	1.03
Number	4	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.077	.001	.171	.057	.029	.155
Coeff Var	6.916	.063	11.579	4.919	2.588	15.058
GX6 - Reference Sample						
Minimum	.14	.20	.32	.26	.21	.19
Maximum	.16	.20	.43	.28	.27	.27
Mean	.15	.20	.39	.27	.24	.22
Number	4	2	4	2	12	7
N, L, G	-	-	-	-	-	-
Std Dev.	.008	-	.052	.014	.015	.030
Coeff Var	5.444	-	13.406	5.238	6.383	13.752

Table 3. Statistical summary of geochemical data, analyses of Calcium (Ca) in percent.

Analysis		AA	AA	AA	AA	AA	AA	AA	EMS	TITR	XRF	XRF
Digestion	32	10	12	13	22	23 4	7	8	9 21 23		11	23	30
GX1 - Reference Sample													
Minimum	.25	.92	.80	1.07	.72	.77	.44	.86	.92	.30	.22	.91	.91
Maximum	2.11	.92	1.15	1.14	.73	.94	.78	1.00	1.42	1.30	.33	1.16	1.11
Mean	1.18	.92	.93	1.10	.72	.87	.57	.93	1.17	.65	.27	1.00	1.01
Number	2	1	6	2	2	4	5	8	2	26	2	4	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	1.315	-	.168	.049	.007	.074	.134	.051	.354	.328	.078	.114	.100
Coeff Var	111.459	-	18.052	4.479	.981	8.494	23.581	5.503	30.167	50.244	28.284	11.326	9.868
GX2 - Reference Sample													
Minimum	1.57	.92	.66	.93	.64	.84	.20	.80	.89	.20	.55	.89	.90
Maximum	2.11	.92	1.15	1.00	.66	1.01	.51	1.10	.94	1.20	.88	1.04	1.03
Mean	1.84	.92	.88	.97	.65	.93	.32	.91	.92	.64	.72	.95	.96
Number	2	1	6	2	2	4	5	8	2	26	2	4	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.382	-	.195	.049	.014	.070	.128	.110	.035	.282	.233	.072	.065
Coeff Var	20.752	-	22.187	5.128	2.175	7.516	39.879	12.104	3.850	43.838	32.636	7.575	6.751
GX3 - Reference Sample													
Minimum	14.11	12.30	10.90	15.20	12.80	13.69	12.32	6.71	12.66	5.00	1.75	13.67	12.82
Maximum	14.43	13.77	12.96	15.70	13.00	14.07	16.10	13.90	13.24	15.00	5.93	14.34	13.39
Mean	14.27	12.92	12.00	15.45	12.90	13.85	13.69	11.32	12.95	9.68	3.84	14.05	13.11
Number	2	3	6	2	2	4	5	6	2	24	2	4	2
N, L, G	-	-	-	-	-	-	-	0,0,2	-	0,0,2	-	-	0,0,2
Std Dev.	.226	.760	.810	.354	.141	.171	1.775	3.504	.410	3.067	2.956	.281	.403
Coeff Var	1.587	5.881	6.750	2.291	1.097	1.234	12.960	30.944	3.169	31.698	76.971	2.001	3.075
GX4 - Reference Sample													
Minimum	1.61	1.00	.89	.93	.78	.89	.35	.92	1.01	.40	.77	1.01	.97
Maximum	2.18	1.10	1.25	1.14	.79	1.06	.57	1.20	1.11	4.00	1.10	1.09	.99
Mean	1.90	1.06	1.04	1.03	.78	1.00	.40	1.06	1.06	1.14	.94	1.05	.98
Number	2	3	6	2	2	4	5	8	2	26	2	4	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.403	.057	.150	.148	.007	.079	.093	.116	.071	.779	.233	.043	.014
Coeff Var	21.269	5.402	14.437	14.347	.906	7.892	23.074	10.869	6.671	68.313	24.957	4.131	1.444
GX5 - Reference Sample													
Minimum	.04	.81	.66	.86	.56	.68	.15	.72	.94	.20	.44	.79	.82
Maximum	1.93	.81	1.02	.93	.56	.89	.44	.92	1.09	2.00	.72	.94	.93
Mean	.99	.81	.85	.89	.56	.79	.27	.81	1.01	.66	.58	.86	.87
Number	2	1	6	2	2	4	5	8	2	26	2	4	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	1.336	-	.138	.049	.001	.110	.119	.074	.106	.379	.198	.084	.064
Coeff Var	135.678	-	16.215	5.530	.123	13.981	43.768	9.233	10.450	57.445	34.136	9.718	7.259
GX6 - Reference Sample													
Minimum	1.16	.18	.22	.18	.13	.02	.02	.18	.26	.05	.11	.18	.17
Maximum	2.25	.22	.50	.21	.13	.26	.11	.94	.35	.40	.11	.29	.26
Mean	1.70	.20	.36	.19	.13	.18	.04	.39	.30	.15	.11	.24	.21
Number	2	3	6	2	2	4	5	8	2	24	2	4	4
N, L, G	-	-	-	-	-	-	-	-	-	0,2,0	-	-	-
Std Dev.	.771	.022	.114	.021	-	.111	.040	.324	.066	.092	.000	.056	.039
Coeff Var	45.205	10.813	31.482	10.879	-	61.698	95.794	83.494	21.668	60.414	.039	23.412	18.647

Table 3. Statistical summary of geochemical data, analyses of Carbon Dioxide (CO2) in percent.

Analysis	TITR
Digestion	1
GX1 - Reference Sample	
Minimum	.40
Maximum	1.94
Mean	.78
Number	11
N, L, G	-
Std Dev.	.483
Coeff Var	62.109
GX2 - Reference Sample	
Minimum	.40
Maximum	20.20
Mean	7.87
Number	11
N, L, G	-
Std Dev.	6.570
Coeff Var	83.434
GX3 - Reference Sample	
Minimum	.25
Maximum	5.20
Mean	4.36
Number	12
N, L, G	-
Std Dev.	1.419
Coeff Var	32.509
GX4 - Reference Sample	
Minimum	.22
Maximum	13.72
Mean	2.36
Number	9
N, L, G	0,2,0
Std Dev.	4.601
Coeff Var	195.328
GX5 - Reference Sample	
Minimum	.40
Maximum	16.09
Mean	5.09
Number	11
N, L, G	-
Std Dev.	4.695
Coeff Var	92.265
GX6 - Reference Sample	
Minimum	.20
Maximum	9.87
Mean	1.29
Number	11
N, L, G	-
Std Dev.	2.854
Coeff Var	221.589

Table 3. Statistical summary of geochemical data, analyses of Cerium (Ce) in ppm.

Analysis Digestion	EMS	MS	NAA	XRF 23	XRF 30	XRF 32
GX1 - Reference Sample						
Minimum	30.00	13.00	18.00	9.20	30.00	-
Maximum	30.00	15.40	27.00	9.20	30.00	-
Mean	30.00	14.20	23.69	9.20	30.00	-
Number	2	2	8	1	2	-
N, L, G	0,6,0	-	-	-	-	0,1,0
Std Dev.	-	1.697	3.170	-	-	-
Coeff Var	-	11.951	13.383	-	-	-
GX2 - Reference Sample						
Minimum	51.00	32.40	50.00	44.00	70.00	-
Maximum	275.00	37.80	59.00	44.00	70.00	-
Mean	90.62	35.10	54.73	44.00	70.00	-
Number	8	2	8	1	2	-
N, L, G	-	-	-	-	-	0,1,0
Std Dev.	75.606	3.818	3.495	-	-	-
Coeff Var	83.427	10.879	6.386	-	-	-
GX3 - Reference Sample						
Minimum	30.00	18.90	15.00	26.00	50.00	-
Maximum	30.00	19.00	20.10	26.00	60.00	-
Mean	30.00	18.95	18.46	26.00	55.00	-
Number	2	2	8	1	2	-
N, L, G	0,6,0	-	-	-	-	0,1,0
Std Dev.	-	.071	1.900	-	7.071	-
Coeff Var	-	.373	10.289	-	12.856	-
GX4 - Reference Sample						
Minimum	120.00	87.00	113.00	99.00	110.00	89.00
Maximum	400.00	90.00	126.00	99.00	120.00	89.00
Mean	185.00	88.50	119.76	99.00	115.00	89.00
Number	8	2	8	1	2	1
N, L, G	-	-	-	-	-	-
Std Dev.	95.917	2.121	4.654	-	7.071	-
Coeff Var	51.847	2.397	3.886	-	6.149	-
GX5 - Reference Sample						
Minimum	45.00	25.70	38.00	28.00	40.00	-
Maximum	70.00	25.70	46.00	28.00	50.00	-
Mean	56.63	25.70	41.76	28.00	45.00	-
Number	8	2	8	1	2	-
N, L, G	-	-	-	-	-	0,1,0
Std Dev.	7.873	-	2.436	-	7.071	-
Coeff Var	13.904	-	5.834	-	15.713	-
GX6 - Reference Sample						
Minimum	30.00	28.00	35.80	28.00	50.00	-
Maximum	79.00	34.00	42.00	28.00	50.00	-
Mean	54.25	31.00	38.37	28.00	50.00	-
Number	8	2	8	1	2	-
N, L, G	-	-	-	-	-	0,1,0
Std Dev.	19.448	4.243	1.880	-	-	-
Coeff Var	35.848	13.686	4.900	-	-	-

Table 3. Statistical summary of geochemical data, analyses of Chlorine (Cl) in ppm.

Analysis	TITR	XRF	XRF
Digestion	21	23	30
GX1 - Reference Sample			
Minimum	370.00	583.00	215.00
Maximum	430.00	583.00	285.00
Mean	400.00	583.00	245.00
Number	2	1	4
N, L, G	-	-	-
Std Dev.	42.426	-	29.155
Coeff Var	10.607	-	11.900
GX2 - Reference Sample			
Minimum	230.00	141.00	55.00
Maximum	230.00	141.00	255.00
Mean	230.00	141.00	113.75
Number	2	1	4
N, L, G	-	-	-
Std Dev.	-	-	94.725
Coeff Var	-	-	83.275
GX3 - Reference Sample			
Minimum	1100.00	704.00	1785.00
Maximum	1100.00	704.00	1925.00
Mean	1100.00	704.00	1855.00
Number	2	1	4
N, L, G	-	-	-
Std Dev.	-	-	57.155
Coeff Var	-	-	3.081
GX4 - Reference Sample			
Minimum	370.00	187.00	405.00
Maximum	370.00	187.00	545.00
Mean	370.00	187.00	447.50
Number	2	1	4
N, L, G	-	-	-
Std Dev.	-	-	65.511
Coeff Var	-	-	14.639
GX5 - Reference Sample			
Minimum	340.00	61.00	80.00
Maximum	340.00	61.00	360.00
Mean	340.00	61.00	161.25
Number	2	1	4
N, L, G	-	-	-
Std Dev.	-	-	132.940
Coeff Var	-	-	82.443
GX6 - Reference Sample			
Minimum	250.00	124.00	25.00
Maximum	310.00	124.00	150.00
Mean	280.00	124.00	60.00
Number	2	1	4
N, L, G	-	-	-
Std Dev.	42.426	-	60.139
Coeff Var	15.152	-	100.231

Table 3. Statistical summary of geochemical data, analyses of Chromium (Cr) in ppm.

Analysis Digestion	AA 10	AA 12	AA 14	AA 1 6	AA 26 1	AA 3	AA 31	AA 3 4	AA 3 6	AA 4	AA 5	AA 6	AA 7
GX1 - Reference Sample													
Minimum	9.00	5.00	13.00	5.00	70.00	20.00	14.00	6.00	11.00	1.50	5.19	11.00	10.00
Maximum	33.00	8.00	13.00	5.00	70.00	60.00	16.00	12.00	39.00	3.45	15.00	12.00	23.00
Mean	16.63	6.50	13.00	5.00	70.00	36.50	15.00	9.00	27.75	2.38	8.86	11.50	14.67
Number	8	2	2	2	1	4	2	4	4	3	6	2	3
N, L, G	-	-	0,2,0	-	0,1,0	0,2,0	-	-	0,1,0	0,1,0	-	0,2,0	-
Std Dev.	8.280	2.121	-	-	-	16.823	1.414	2.582	13.745	.987	4.134	.707	7.234
Coeff Var	49.803	32.636	-	-	-	46.089	9.428	28.689	49.530	41.414	46.662	6.149	49.324
GX2 - Reference Sample													
Minimum	31.00	23.00	24.00	20.00	70.00	28.00	34.00	28.00	40.00	13.00	13.98	10.00	26.00
Maximum	58.00	26.00	32.00	20.00	70.00	50.00	36.00	32.00	67.00	15.96	30.00	17.00	31.00
Mean	41.25	24.50	27.25	20.00	70.00	38.50	35.00	29.75	47.17	14.27	21.29	13.50	29.00
Number	8	2	4	2	1	4	2	4	6	4	6	4	3
N, L, G	-	-	-	-	0,1,0	0,2,0	-	-	-	-	-	-	-
Std Dev.	8.795	2.121	3.948	-	-	9.147	1.414	1.708	10.685	1.506	6.010	4.041	2.646
Coeff Var	21.322	8.658	14.487	-	-	23.758	4.041	5.741	22.653	10.554	28.226	29.937	9.123
GX3 - Reference Sample													
Minimum	10.00	5.00	10.00	15.00	140.00	20.00	16.00	14.00	13.00	4.00	10.79	11.00	12.00
Maximum	38.00	6.00	19.00	15.00	280.00	42.00	20.00	18.00	37.50	12.89	24.00	11.00	39.00
Mean	22.12	5.50	14.25	15.00	210.00	33.00	18.00	16.00	25.70	8.68	16.76	11.00	22.00
Number	8	2	4	2	2	4	2	4	5	4	6	2	3
N, L, G	-	-	-	-	-	0,2,0	-	-	0,1,0	-	-	0,2,0	-
Std Dev.	11.922	.707	4.031	-	98.995	10.132	2.828	2.309	11.454	4.844	4.957	-	14.799
Coeff Var	53.883	12.856	28.289	-	47.140	30.704	15.713	14.434	44.569	55.806	29.569	-	67.267
GX4 - Reference Sample													
Minimum	61.00	35.00	54.00	40.00	210.00	48.00	60.00	61.00	51.00	30.00	51.60	10.00	24.00
Maximum	94.00	36.00	61.00	45.00	560.00	80.00	64.00	69.00	123.00	53.44	65.00	17.00	54.00
Mean	72.00	35.50	56.75	42.50	385.00	66.67	62.00	65.50	78.67	41.82	59.47	14.75	39.67
Number	7	2	4	2	2	6	2	4	6	4	5	4	3
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	10.985	.707	3.096	3.536	247.487	12.501	2.828	4.123	29.001	12.538	5.309	3.304	15.044
Coeff Var	15.257	1.992	5.455	8.319	64.282	18.751	4.562	6.295	36.866	29.980	8.928	22.400	37.927
GX5 - Reference Sample													
Minimum	100.00	69.00	68.00	55.00	140.00	90.00	64.00	65.00	22.00	23.00	35.00	20.00	54.00
Maximum	111.00	76.00	76.00	60.00	140.00	110.00	68.00	95.00	160.00	41.02	84.00	30.00	68.00
Mean	104.14	72.50	73.50	57.50	140.00	97.00	66.00	80.00	107.20	31.01	57.99	23.75	62.33
Number	7	2	4	2	2	6	2	4	5	4	6	4	3
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	4.451	4.950	3.786	3.536	-	7.874	2.828	15.188	54.412	8.914	19.420	4.787	7.371
Coeff Var	4.274	6.827	5.151	6.149	-	8.118	4.285	18.985	50.758	28.752	33.487	20.156	11.825
GX6 - Reference Sample													
Minimum	62.00	61.00	51.00	35.00	210.00	71.00	68.00	62.00	14.00	20.00	38.80	10.00	35.00
Maximum	103.00	62.00	89.00	45.00	210.00	100.00	68.00	86.00	153.00	43.20	114.00	25.00	78.00
Mean	91.50	61.50	69.50	40.00	210.00	88.83	68.00	74.00	86.33	32.75	75.30	16.00	63.33
Number	8	2	4	2	2	6	2	4	6	4	6	4	3
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	13.060	.707	20.290	7.071	-	11.107	-	12.754	59.318	11.100	31.270	7.348	24.542
Coeff Var	14.274	1.150	29.194	17.678	-	12.503	-	17.235	68.709	33.893	41.527	45.928	38.751

Table 3. Statistical summary of geochemical data, analyses of Chromium (Cr) in ppm.

Analysis	AA	AA	DCP	DCP	EMS	NAA	XRF	XRF	XRF
Digestion	8	9	6 13	9 18			23	23 25	30
GX1 - Reference Sample									
Minimum	16.00	10.00	5.00	14.00	6.00	9.90	20.00	20.00	26.00
Maximum	75.00	20.00	10.00	18.00	30.00	19.00	41.00	20.00	28.00
Mean	36.67	13.00	7.80	15.50	12.10	15.04	27.33	20.00	27.00
Number	6	7	5	4	25	8	9	2	2
N, L, G	-	-	0,1,0	-	0,13,0	-	-	-	-
Std Dev.	27.245	3.266	1.789	1.915	5.923	3.219	8.888	-	1.414
Coeff Var	74.303	25.123	22.934	12.354	48.970	21.407	32.518	-	5.238
GX2 - Reference Sample									
Minimum	33.00	33.00	27.00	36.00	22.00	35.00	30.00	50.00	31.00
Maximum	106.00	42.00	30.00	40.00	120.00	41.00	59.00	55.00	34.00
Mean	55.20	36.00	28.50	37.50	49.08	38.34	40.50	52.50	32.50
Number	10	7	6	4	37	8	10	2	2
N, L, G	-	-	-	-	0,1,0	-	-	-	-
Std Dev.	28.882	3.916	1.049	1.915	28.154	2.704	12.704	3.536	2.121
Coeff Var	52.323	10.877	3.680	5.106	57.362	7.053	31.368	6.734	6.527
GX3 - Reference Sample									
Minimum	10.00	18.00	14.00	24.00	10.00	19.00	10.00	85.00	18.00
Maximum	93.00	30.00	16.00	26.00	100.00	24.60	33.00	85.00	20.00
Mean	36.81	20.71	14.67	25.50	23.74	20.52	16.75	85.00	19.00
Number	8	7	6	4	35	8	8	2	2
N, L, G	-	-	-	-	0,3,0	-	-	-	-
Std Dev.	31.000	4.231	1.033	1.000	19.136	2.025	9.453	-	1.414
Coeff Var	84.210	20.427	7.042	3.922	80.598	9.868	56.435	-	7.443
GX4 - Reference Sample									
Minimum	35.00	70.00	58.00	62.00	30.00	67.00	50.00	120.00	64.00
Maximum	131.00	72.00	66.00	76.00	150.00	71.00	73.00	120.00	66.00
Mean	66.12	70.71	61.33	68.50	80.64	68.69	61.60	120.00	65.00
Number	8	7	6	4	39	8	10	2	2
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	36.748	.951	2.733	7.550	34.745	1.493	10.554	-	1.414
Coeff Var	55.573	1.345	4.455	11.022	43.085	2.173	17.132	-	2.176
GX5 - Reference Sample									
Minimum	78.00	95.00	78.00	92.00	30.00	97.00	80.00	70.00	93.00
Maximum	292.00	105.00	95.00	110.00	225.00	110.00	128.00	70.00	97.00
Mean	141.95	100.14	86.17	98.50	114.59	103.75	107.50	70.00	95.00
Number	10	7	6	4	39	8	10	2	2
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	71.340	3.338	6.494	8.544	48.714	5.651	17.399	-	2.828
Coeff Var	50.257	3.333	7.536	8.674	42.511	5.446	16.185	-	2.977
GX6 - Reference Sample									
Minimum	65.00	92.00	82.00	90.00	40.00	87.00	80.00	120.00	92.00
Maximum	204.00	100.00	94.00	94.00	225.00	100.00	124.00	120.00	96.00
Mean	107.38	95.29	90.83	92.50	100.39	97.00	98.30	120.00	94.00
Number	8	7	6	4	38	8	10	2	2
N, L, G	-	-	-	-	0,1,0	-	-	-	-
Std Dev.	56.404	2.812	4.665	1.915	44.500	4.504	17.808	-	2.828
Coeff Var	52.530	2.951	5.136	2.070	44.325	4.643	18.116	-	3.009

Table 3. Statistical summary of geochemical data, analyses of Cesium (Cs) in ppm.

Analysis	AA	NAA	XRF	XRF
Digestion	3		23	30
GX1 - Reference Sample				
Minimum	-	2.80	1.30	5.00
Maximum	-	4.00	1.30	5.00
Mean	-	3.37	1.30	5.00
Number	-	8	1	1
N, L, G	-	-	-	0,1,0
Std Dev.	-	.403	-	-
Coeff Var	-	11.931	-	-
GX2 - Reference Sample				
Minimum	-	5.10	2.50	10.00
Maximum	-	6.10	2.50	10.00
Mean	-	5.50	2.50	10.00
Number	-	8	1	2
N, L, G	-	-	-	-
Std Dev.	-	.366	-	-
Coeff Var	-	6.663	-	-
GX3 - Reference Sample				
Minimum	84.00	155.00	203.00	180.00
Maximum	91.00	190.00	203.00	180.00
Mean	87.50	183.00	203.00	180.00
Number	2	8	1	2
N, L, G	-	-	-	-
Std Dev.	4.950	12.444	-	-
Coeff Var	5.657	6.800	-	-
GX4 - Reference Sample				
Minimum	-	2.60	3.30	5.00
Maximum	-	3.10	3.30	5.00
Mean	-	2.89	3.30	5.00
Number	-	8	1	2
N, L, G	-	-	-	-
Std Dev.	-	.155	-	-
Coeff Var	-	5.376	-	-
GX5 - Reference Sample				
Minimum	-	2.00	2.60	-
Maximum	-	2.50	2.60	-
Mean	-	2.24	2.60	-
Number	-	8	1	-
N, L, G	-	-	-	0,2,0
Std Dev.	-	.169	-	-
Coeff Var	-	7.532	-	-
GX6 - Reference Sample				
Minimum	-	4.10	6.40	5.00
Maximum	-	4.90	6.40	10.00
Mean	-	4.54	6.40	7.50
Number	-	8	1	2
N, L, G	-	-	-	-
Std Dev.	-	.267	-	3.536
Coeff Var	-	5.883	-	47.140

Table 3. Statistical summary of geochemical data, analyses of Cobalt (Co) in ppm.

Analysis	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	1	10	11	12	12 18 1	13	14	15	17	4	5	6	7
GX1 - Reference Sample													
Minimum	7.00	4.00	8.50	6.00	5.50	8.00	11.00	20.00	5.00	2.00	8.00	10.00	5.00
Maximum	9.00	44.00	32.00	20.00	7.80	20.00	12.00	20.00	5.00	27.00	44.00	59.00	59.00
Mean	8.00	13.16	19.75	14.11	6.65	16.17	11.50	20.00	5.00	14.97	20.77	28.92	25.84
Number	2	11	4	9	2	6	2	2	2	30	45	12	31
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	1.414	12.072	13.016	6.314	1.626	5.947	.707	-	-	7.309	8.907	15.030	16.357
Coeff Var	17.678	91.708	65.904	44.742	24.456	36.785	6.149	-	-	48.825	42.879	51.977	63.303
GX2 - Reference Sample													
Minimum	6.00	5.00	7.00	8.00	8.90	6.00	8.00	15.00	4.00	4.00	8.00	10.00	3.00
Maximum	7.00	31.00	63.00	20.00	11.00	30.00	9.00	15.00	6.00	36.00	20.00	20.00	22.00
Mean	6.50	10.92	35.38	12.89	9.95	22.00	8.50	15.00	5.00	13.57	13.71	14.75	13.48
Number	2	15	4	9	2	6	2	2	2	29	44	12	31
N, L, G	-	-	-	-	-	-	-	-	-	0,2,0	0,1,0	-	-
Std Dev.	.707	8.733	31.341	4.106	1.485	12.394	.707	-	1.414	7.216	3.449	4.393	5.674
Coeff Var	10.879	79.974	88.595	31.859	14.924	56.334	8.319	-	28.284	53.178	25.164	29.781	42.078
GX3 - Reference Sample													
Minimum	25.00	23.00	36.00	34.00	33.00	33.00	48.00	55.00	23.00	9.00	39.00	47.00	31.00
Maximum	27.00	89.00	68.00	70.00	34.00	60.00	49.00	55.00	27.00	63.00	91.00	83.00	92.00
Mean	26.00	44.50	51.50	52.75	33.50	48.00	48.50	55.00	25.00	37.89	57.51	60.00	58.65
Number	2	11	4	10	2	6	2	2	2	28	45	12	31
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	1.414	19.873	16.842	13.340	.707	11.747	.707	-	2.828	14.861	11.403	11.840	18.226
Coeff Var	5.439	44.659	32.704	25.289	2.111	24.474	1.458	-	11.314	39.219	19.828	19.733	31.078
GX4 - Reference Sample													
Minimum	12.00	10.00	14.00	13.00	16.00	11.00	14.00	20.00	3.00	10.00	14.00	18.00	10.00
Maximum	14.00	33.00	30.00	22.50	17.00	30.00	15.00	20.00	9.00	44.00	30.00	27.00	28.00
Mean	13.00	17.73	21.75	17.05	16.50	23.83	14.50	20.00	6.00	20.08	19.08	21.33	19.74
Number	2	11	4	10	2	6	2	2	2	32	45	12	31
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	1.414	6.739	7.932	3.320	.707	9.559	.707	-	4.243	8.203	3.099	2.934	6.005
Coeff Var	10.879	38.017	36.469	19.474	4.285	40.106	4.877	-	70.711	40.856	16.248	13.751	30.419
GX5 - Reference Sample													
Minimum	26.00	23.00	27.50	27.00	32.00	25.00	36.00	30.00	21.00	23.00	25.00	30.00	21.00
Maximum	29.00	56.00	88.00	40.00	34.00	50.00	37.00	35.00	25.00	50.00	50.00	44.00	52.00
Mean	27.50	32.35	57.75	33.11	33.00	42.17	36.50	32.50	23.00	32.25	34.25	34.83	36.06
Number	2	15	4	9	2	6	2	2	2	30	45	12	31
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	2.121	8.919	34.930	4.076	1.414	12.172	.707	3.536	2.828	6.097	4.912	5.606	7.780
Coeff Var	7.714	27.567	60.484	12.309	4.285	28.867	1.937	10.879	12.298	18.904	14.343	16.093	21.573
GX6 - Reference Sample													
Minimum	13.00	10.00	12.50	13.00	15.00	13.00	13.00	20.00	2.00	9.00	13.00	15.00	9.00
Maximum	13.00	44.00	67.00	27.50	16.00	40.00	14.00	20.00	4.00	30.00	34.00	36.00	36.00
Mean	13.00	19.89	40.12	17.85	15.50	27.67	13.50	20.00	3.00	18.55	21.39	24.08	21.77
Number	2	11	4	10	2	6	2	2	2	30	45	12	31
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	12.591	30.475	5.239	.707	12.209	.707	-	1.414	5.305	4.864	7.204	8.345
Coeff Var	-	63.300	75.950	29.350	4.562	44.130	5.238	-	47.140	28.599	22.744	29.914	38.327

Table 3. Statistical summary of geochemical data, analyses of Cobalt (Co) in ppm.

Analysis	AA	AA	COLO	COLO	DCP	EMS	NAA	XRF	XRF	XRF
Digestion	8	9	24	8	6 13			23	23 25	30
GX1 - Reference Sample										
Minimum	15.00	8.00	10.00	12.00	-	1.00	6.00	-	106.00	14.00
Maximum	44.00	52.00	20.00	12.00	-	15.00	8.60	-	110.00	166.00
Mean	29.39	18.46	15.00	12.00	-	7.74	7.67	-	108.00	89.25
Number	15	13	2	2	-	28	8	-	2	4
N, L, G	-	-	-	-	-	0,9,0	-	-	-	-
Std Dev.	11.457	15.153	7.071	-	-	3.757	.876	-	2.828	86.900
Coeff Var	38.988	82.077	47.140	-	-	48.548	11.417	-	2.619	97.367
GX2 - Reference Sample										
Minimum	15.00	9.00	12.00	7.00	6.00	2.00	8.00	9.00	7.00	7.00
Maximum	30.00	96.00	20.00	8.00	8.00	15.00	9.00	10.00	12.00	8.00
Mean	21.47	32.31	16.00	7.50	7.50	8.29	8.55	9.50	9.50	7.50
Number	15	13	2	2	6	30	8	2	2	2
N, L, G	-	-	-	-	-	0,7,0	-	-	-	0,2,0
Std Dev.	5.111	34.567	5.657	.707	.837	3.157	.460	.707	3.536	.707
Coeff Var	23.810	106.994	35.355	9.428	11.155	38.070	5.377	7.443	37.216	9.428
GX3 - Reference Sample										
Minimum	50.00	43.00	36.00	40.00	32.00	23.00	42.00	-	64.00	19.00
Maximum	97.00	100.00	50.00	40.00	36.00	50.00	49.10	-	66.00	92.00
Mean	75.60	58.83	43.00	40.00	34.00	41.37	45.80	-	65.00	54.00
Number	15	12	2	2	6	35	8	-	2	4
N, L, G	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	15.856	20.639	9.899	-	1.789	9.220	2.104	-	1.414	39.404
Coeff Var	20.973	35.081	23.022	-	5.261	22.285	4.594	-	2.176	72.970
GX4 - Reference Sample										
Minimum	15.00	14.00	12.00	13.00	12.00	4.50	13.00	14.00	12.00	16.00
Maximum	51.00	105.00	20.00	15.00	14.00	30.00	15.30	14.00	13.00	16.00
Mean	30.53	35.31	16.00	14.00	12.67	13.97	14.20	14.00	12.50	16.00
Number	15	13	2	2	6	33	8	2	2	2
N, L, G	-	-	-	-	-	0,4,0	-	-	-	0,2,0
Std Dev.	10.371	32.510	5.657	1.414	1.033	5.797	.739	-	.707	-
Coeff Var	33.965	92.076	35.355	10.102	8.154	41.499	5.202	-	5.657	-
GX5 - Reference Sample										
Minimum	35.00	31.00	30.00	31.00	26.00	15.00	28.00	28.00	26.00	27.00
Maximum	80.00	120.00	34.00	31.00	30.00	50.00	33.00	29.00	29.00	32.00
Mean	50.93	58.62	32.00	31.00	27.83	28.49	30.50	28.50	27.50	29.25
Number	15	13	2	2	6	35	8	2	2	4
N, L, G	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	15.466	38.087	2.828	-	1.472	7.200	1.835	.707	2.121	2.062
Coeff Var	30.366	64.977	8.839	-	5.288	25.277	6.017	2.481	7.714	7.048
GX6 - Reference Sample										
Minimum	24.00	14.00	20.00	11.00	8.00	5.00	11.30	16.00	28.00	11.00
Maximum	50.00	138.00	20.00	12.00	10.00	20.00	15.00	17.00	32.00	36.00
Mean	34.07	46.15	20.00	11.50	9.00	11.01	13.39	16.50	30.00	22.25
Number	15	13	2	2	6	33	8	2	2	4
N, L, G	-	-	-	-	-	0,4,0	-	-	-	-
Std Dev.	8.681	45.764	-	.707	.632	3.167	1.122	.707	2.828	12.659
Coeff Var	25.481	99.154	-	6.149	7.027	28.763	8.379	4.285	9.428	56.894

Table 3. Statistical summary of geochemical data, analyses of Copper (Cu) in ppm.

Analysis	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	1	10	11	12	12 18 1	13	14	15	16	17	3	32	4
GX1 - Reference Sample													
Minimum	980.00	1000.00	1125.00	1050.00	1200.00	1050.00	1055.00	1100.00	1001.30	380.00	1003.00	1200.00	740.00
Maximum	1120.00	1300.00	1200.00	1270.00	1300.00	1220.00	1075.00	1100.00	1243.80	390.00	1003.00	1200.00	1340.00
Mean	1050.25	1149.19	1159.00	1111.56	1250.00	1125.00	1065.00	1100.00	1122.55	385.00	1003.00	1200.00	996.47
Number	4	18	5	9	2	6	2	2	2	2	1	1	51
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	70.475	93.336	30.489	72.787	70.711	70.993	14.142	-	171.476	7.071	-	-	147.890
Coeff Var	6.710	8.122	2.631	6.548	5.657	6.310	1.328	-	15.276	1.837	-	-	14.841
GX2 - Reference Sample													
Minimum	63.00	71.00	72.00	78.00	87.00	70.00	76.00	80.00	60.00	27.00	44.00	70.00	49.00
Maximum	77.00	96.00	156.00	91.00	90.00	150.00	77.00	80.00	90.80	29.00	44.00	70.00	114.00
Mean	70.00	84.10	94.50	83.40	88.50	98.00	76.50	80.00	75.40	28.00	44.00	70.00	72.77
Number	4	22	5	10	2	6	2	2	2	2	1	1	52
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	8.083	5.269	34.767	4.671	2.121	36.704	.707	-	21.779	1.414	-	-	11.757
Coeff Var	11.547	6.265	36.791	5.601	2.397	37.453	.924	-	28.884	5.051	-	-	16.156
GX3 - Reference Sample													
Minimum	10.00	14.00	16.50	13.00	19.00	17.00	16.00	15.00	5.30	5.00	16.00	5.00	7.00
Maximum	16.50	36.00	20.00	32.00	20.00	120.00	16.00	20.00	11.80	5.00	16.00	5.00	26.00
Mean	13.00	18.72	18.12	22.00	19.50	62.50	16.00	17.50	8.55	5.00	16.00	5.00	13.87
Number	4	18	4	10	2	4	2	2	2	2	1	1	48
N, L, G	-	-	-	-	-	0,2,0	-	-	-	-	-	-	-
Std Dev.	3.488	5.197	1.436	7.008	.707	50.639	-	3.536	4.596	-	-	-	4.050
Coeff Var	26.831	27.757	7.924	31.854	3.626	81.023	-	20.203	53.756	-	-	-	29.186
GX4 - Reference Sample													
Minimum	6800.00	5550.00	6350.00	5900.00	7400.00	6115.00	6070.00	6600.00	-	380.00	-	6400.00	2700.00
Maximum	7200.00	7025.00	6650.00	7265.00	7500.00	6450.00	6070.00	6700.00	-	610.00	-	6400.00	7500.00
Mean	6997.50	6562.94	6440.00	6399.50	7450.00	6275.00	6070.00	6650.00	-	495.00	-	6400.00	6295.10
Number	4	17	4	10	2	6	2	2	-	2	-	1	50
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	184.463	389.780	140.703	476.371	70.711	129.029	-	70.711	-	162.635	-	-	978.940
Coeff Var	2.636	5.939	2.185	7.444	.949	2.056	-	1.063	-	32.855	-	-	15.551
GX5 - Reference Sample													
Minimum	300.00	299.00	298.00	345.00	360.00	356.00	348.00	360.00	300.00	188.00	331.00	380.00	288.00
Maximum	387.00	425.00	355.00	406.00	380.00	430.00	353.00	370.00	525.00	210.00	331.00	380.00	435.00
Mean	345.25	366.36	338.80	374.67	370.00	388.00	350.50	365.00	412.50	199.00	331.00	380.00	347.10
Number	4	22	5	9	2	6	2	2	2	2	1	1	51
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	46.672	25.756	23.594	20.706	14.142	27.041	3.536	7.071	159.099	15.556	-	-	31.778
Coeff Var	13.518	7.030	6.964	5.527	3.822	6.969	1.009	1.937	38.569	7.817	-	-	9.155
GX6 - Reference Sample													
Minimum	69.00	60.00	62.50	68.00	73.00	60.00	50.00	65.00	45.60	8.00	58.00	60.00	23.00
Maximum	83.00	104.00	76.00	80.00	73.00	150.00	52.00	70.00	55.00	9.00	58.00	60.00	78.00
Mean	73.75	73.37	69.00	73.40	73.00	92.00	51.00	67.50	50.30	8.50	58.00	60.00	59.32
Number	4	18	4	10	2	6	2	2	2	2	1	1	50
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	6.278	9.923	7.517	4.600	-	41.588	1.414	3.536	6.647	.707	-	-	12.276
Coeff Var	8.513	13.525	10.894	6.266	-	45.205	2.773	5.238	13.214	8.319	-	-	20.695

Table 3. Statistical summary of geochemical data, analyses of Copper (Cu) in ppm.

Analysis Digestion	AA 5	AA 6	AA 7	AA 8	AA 9	AA ALL	COLO 1 26	COLO 24	COLO 6	COLO 8	COLO ALL	DCP 6 13	DCP 9 18
GX1 - Reference Sample													
Minimum	885.20	960.00	800.00	1080.00	1080.00	380.00	345.00	773.00	1000.00	-	345.00	1095.00	910.00
Maximum	1700.00	1210.00	1440.00	1523.00	1300.00	1700.00	830.00	1280.00	1000.00	-	1280.00	1210.00	1200.00
Mean	1104.29	1144.72	1120.95	1191.55	1197.00	1101.41	587.50	958.75	1000.00	-	876.25	1162.33	1062.50
Number	67	18	37	22	13	257	2	4	2	-	8	6	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	130.746	65.665	150.146	101.780	64.547	148.706	342.947	238.500	-	-	270.678	49.649	159.244
Coeff Var	11.840	5.736	13.395	8.542	5.392	13.501	58.374	24.876	-	-	30.891	4.272	14.988
GX2 - Reference Sample													
Minimum	50.00	50.00	54.00	65.00	70.00	27.00	75.00	40.00	100.00	79.00	40.00	72.00	92.00
Maximum	160.00	100.00	100.00	175.00	150.00	175.00	300.00	61.00	110.00	84.00	300.00	83.00	98.00
Mean	78.20	78.20	76.66	90.63	90.58	79.44	187.50	54.75	105.00	81.50	96.70	78.33	94.50
Number	62	20	35	23	12	258	2	4	2	2	10	6	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	15.079	9.523	8.741	26.792	21.026	17.306	159.099	9.912	7.071	3.536	74.385	4.412	3.000
Coeff Var	19.282	12.178	11.403	29.562	23.212	21.783	84.853	18.104	6.734	4.338	76.923	5.632	3.175
GX3 - Reference Sample													
Minimum	5.00	10.00	9.00	16.00	10.00	5.00	37.00	40.00	26.00	4.00	4.00	6.00	17.00
Maximum	35.00	35.00	23.00	150.00	100.00	150.00	155.00	64.00	26.00	4.00	155.00	10.00	23.00
Mean	15.24	18.17	15.30	34.38	34.50	18.86	96.00	52.00	26.00	4.00	47.14	8.00	19.25
Number	58	18	33	19	12	235	2	2	1	2	7	6	4
N, L, G	-	0,2,0	0,2,0	0,2,0	0,1,0	0,9,0	-	0,2,0	0,1,0	-	0,3,0	-	-
Std Dev.	4.970	6.167	3.206	33.086	34.540	16.393	83.439	16.971	-	-	52.027	1.265	2.872
Coeff Var	32.602	33.946	20.952	96.239	100.115	86.900	86.915	32.636	-	-	110.360	15.811	14.921
GX4 - Reference Sample													
Minimum	5000.00	5200.00	4800.00	6000.00	6400.00	380.00	2300.00	3200.00	5000.00	-	2300.00	6520.00	5300.00
Maximum	8500.00	6750.00	8800.00	7770.00	7050.00	8800.00	4000.00	6342.00	9000.00	-	9000.00	7475.00	5500.00
Mean	6712.95	6319.45	6675.94	6596.31	6663.85	6497.91	3150.00	5029.25	7000.00	-	5052.13	6929.17	5450.00
Number	63	18	35	26	13	250	2	4	2	-	8	6	4
N, L, G	-	-	0,2,0	-	-	0,2,0	-	-	-	-	-	-	-
Std Dev.	631.788	415.461	780.726	432.499	243.974	865.708	1202.082	1337.676	2828.427	-	2057.732	359.068	100.027
Coeff Var	9.411	6.574	11.695	6.557	3.661	13.323	38.161	26.598	40.406	-	40.730	5.182	1.835
GX5 - Reference Sample													
Minimum	300.00	270.00	265.00	308.00	315.00	188.00	120.00	312.00	200.00	376.00	120.00	337.00	410.00
Maximum	480.00	400.00	518.00	459.00	675.00	675.00	330.00	400.00	560.00	403.00	560.00	392.00	420.00
Mean	359.02	348.89	359.68	376.00	375.75	358.88	225.00	356.25	380.00	389.50	341.40	362.17	412.50
Number	66	18	37	22	12	259	2	4	2	2	10	6	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	42.223	40.296	45.306	38.265	98.468	46.104	148.492	50.520	254.558	19.092	120.397	24.911	5.000
Coeff Var	11.761	11.550	12.596	10.177	26.206	12.847	65.997	14.181	66.989	4.902	35.266	6.878	1.212
GX6 - Reference Sample													
Minimum	50.00	50.00	44.00	62.00	61.00	8.00	130.00	43.00	6.00	72.00	6.00	61.00	86.00
Maximum	180.00	75.00	78.00	200.00	78.00	200.00	420.00	64.00	50.00	73.00	420.00	68.00	93.00
Mean	67.61	67.35	65.89	84.33	69.33	67.67	275.00	54.00	28.00	72.50	96.70	64.67	90.00
Number	64	20	35	21	9	248	2	4	2	2	10	6	4
N, L, G	-	-	-	-	0,2,0	0,2,0	-	-	-	-	-	-	-
Std Dev.	16.443	6.285	7.973	36.455	5.292	18.785	205.061	11.576	31.113	.707	117.807	3.011	2.944
Coeff Var	24.320	9.332	12.102	43.227	7.632	27.757	74.568	21.437	111.117	.975	121.827	4.656	3.271

Table 3. Statistical summary of geochemical data, analyses of Copper (Cu) in ppm.

Analysis	DCP	EMS	FAAG	ICPE	XRF	XRF	XRF	XRF	XRF
Digestion	ALL		5	5	23	23 25	24	30	ALL
GX1 - Reference Sample									
Minimum	910.00	610.00	-	-	980.00	460.00	1020.00	520.00	460.00
Maximum	1210.00	2250.00	-	-	1080.00	460.00	1090.00	1640.00	1640.00
Mean	1122.40	1182.63	-	-	1042.50	460.00	1055.00	973.07	946.50
Number	10	19	-	-	4	2	2	14	22
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	111.714	496.542	-	-	45.004	-	49.497	391.689	348.236
Coeff Var	9.953	41.986	-	-	4.317	-	4.692	40.253	36.792
GX2 - Reference Sample									
Minimum	72.00	40.00	90.00	40.00	88.00	120.00	-	69.00	69.00
Maximum	98.00	150.00	90.00	80.00	117.00	130.00	-	265.00	265.00
Mean	84.80	77.00	90.00	66.90	100.75	125.00	-	111.07	110.40
Number	10	17	1	58	4	2	-	14	20
N, L, G	-	0,2,0	-	-	-	-	-	-	-
Std Dev.	9.138	27.520	-	10.489	12.258	7.071	-	52.274	44.027
Coeff Var	10.776	35.741	-	15.680	12.166	5.657	-	47.063	39.879
GX3 - Reference Sample									
Minimum	6.00	15.00	-	-	32.00	-	-	14.00	14.00
Maximum	23.00	50.00	-	-	51.00	-	-	24.00	51.00
Mean	12.50	19.76	-	-	39.25	-	-	19.83	27.60
Number	10	17	-	-	4	-	-	6	10
N, L, G	-	0,2,0	-	-	-	0,2,0	-	0,6,0	0,8,0
Std Dev.	6.115	8.120	-	-	8.342	-	-	4.070	11.530
Coeff Var	48.917	41.085	-	-	21.253	-	-	20.522	41.774
GX4 - Reference Sample									
Minimum	5300.00	3000.00	-	660.00	6820.00	5500.00	6910.00	6090.00	5500.00
Maximum	7475.00	8000.00	-	6960.00	6930.00	5600.00	7020.00	9470.00	9470.00
Mean	6337.50	4700.00	-	6191.74	6887.50	5550.00	6965.00	7245.31	6989.00
Number	10	19	-	62	4	2	2	13	21
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	811.428	1303.839	-	779.444	47.103	70.711	77.769	1163.363	1031.907
Coeff Var	12.804	27.741	-	12.588	.684	1.274	1.117	16.057	14.765
GX5 - Reference Sample									
Minimum	337.00	150.00	360.00	-	412.00	420.00	-	328.00	328.00
Maximum	420.00	1000.00	360.00	-	429.00	470.00	-	638.00	638.00
Mean	382.30	358.16	360.00	-	419.25	445.00	-	451.64	444.50
Number	10	19	1	-	4	2	-	14	20
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	32.073	196.392	-	-	7.089	35.355	-	106.630	89.582
Coeff Var	8.389	54.834	-	-	1.691	7.945	-	23.609	20.154
GX6 - Reference Sample									
Minimum	61.00	20.00	-	-	77.00	60.00	-	60.00	60.00
Maximum	93.00	110.00	-	-	85.00	100.00	-	136.00	136.00
Mean	74.80	71.53	-	-	81.75	80.00	-	77.00	78.25
Number	10	17	-	-	4	2	-	14	20
N, L, G	-	0,2,0	-	-	-	-	-	-	-
Std Dev.	13.382	25.254	-	-	3.403	28.284	-	24.022	21.044
Coeff Var	17.890	35.306	-	-	4.163	35.355	-	31.198	26.893

Table 3. Statistical summary of geochemical data, analyses of Dysprosium (Dy) in ppm.

Analysis	EMS	MS	NAA	XRF
Digestion				23
GX1 - Reference Sample				
Minimum	-	6.90	4.00	.40
Maximum	-	7.30	4.00	.40
Mean	-	7.10	4.00	.40
Number	-	2	4	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.283	-	-
Coeff Var	-	3.984	-	-
GX2 - Reference Sample				
Minimum	-	4.10	3.00	1.00
Maximum	-	4.30	3.00	1.00
Mean	-	4.20	3.00	1.00
Number	-	2	4	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.141	-	-
Coeff Var	-	3.367	-	-
GX3 - Reference Sample				
Minimum	-	1.40	-	.40
Maximum	-	2.50	-	.40
Mean	-	1.95	-	.40
Number	-	2	-	1
N, L, G	0,4,0	-	0,4,0	-
Std Dev.	-	.778	-	-
Coeff Var	-	39.888	-	-
GX4 - Reference Sample				
Minimum	-	5.50	3.00	1.10
Maximum	-	6.50	3.00	1.10
Mean	-	6.00	3.00	1.10
Number	-	2	4	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.707	-	-
Coeff Var	-	11.785	-	-
GX5 - Reference Sample				
Minimum	-	4.00	3.00	.30
Maximum	-	4.50	3.00	.30
Mean	-	4.25	3.00	.30
Number	-	2	4	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.354	-	-
Coeff Var	-	8.319	-	-
GX6 - Reference Sample				
Minimum	-	2.80	3.00	1.00
Maximum	-	2.90	3.00	1.00
Mean	-	2.85	3.00	1.00
Number	-	2	4	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.071	-	-
Coeff Var	-	2.482	-	-

Table 3. Statistical summary of geochemical data, analyses of Erbium (Er) in ppm.

Analysis Digestion	EMS	MS
GX1 - Reference Sample		
Minimum	-	3.80
Maximum	-	4.40
Mean	-	4.10
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.424
Coeff Var	-	10.348
GX2 - Reference Sample		
Minimum	-	1.40
Maximum	-	1.40
Mean	-	1.40
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.001
Coeff Var	-	.049
GX3 - Reference Sample		
Minimum	-	1.30
Maximum	-	1.60
Mean	-	1.45
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.212
Coeff Var	-	14.630
GX4 - Reference Sample		
Minimum	-	1.50
Maximum	-	2.00
Mean	-	1.75
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.354
Coeff Var	-	20.203
GX5 - Reference Sample		
Minimum	-	1.40
Maximum	-	1.70
Mean	-	1.55
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.212
Coeff Var	-	13.686
GX6 - Reference Sample		
Minimum	-	1.30
Maximum	-	1.40
Mean	-	1.35
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.071
Coeff Var	-	5.238

Table 3. Statistical summary of geochemical data, analyses of Europium (Eu) in ppm.

Analysis Digestion	EMS	MS	NAA
GX1 - Reference Sample			
Minimum	-	.65	.50
Maximum	-	.88	.72
Mean	-	.76	.62
Number	-	2	8
N, L, G	0,4,0	-	-
Std Dev.	-	.163	.088
Coeff Var	-	21.260	14.129
GX2 - Reference Sample			
Minimum	-	1.30	.70
Maximum	-	1.30	.80
Mean	-	1.30	.77
Number	-	2	8
N, L, G	0,4,0	-	-
Std Dev.	-	-	.043
Coeff Var	-	-	5.605
GX3 - Reference Sample			
Minimum	-	-	.37
Maximum	-	-	.60
Mean	-	-	.48
Number	-	-	8
N, L, G	0,4,0	-	-
Std Dev.	-	-	.089
Coeff Var	-	-	18.610
GX4 - Reference Sample			
Minimum	1.60	1.70	.80
Maximum	1.70	2.30	1.90
Mean	1.67	2.00	1.45
Number	3	2	8
N, L, G	0,1,0	-	-
Std Dev.	.058	.424	.415
Coeff Var	3.464	21.213	28.581
GX5 - Reference Sample			
Minimum	-	1.50	.80
Maximum	-	2.00	3.80
Mean	-	1.75	1.63
Number	-	2	8
N, L, G	0,4,0	-	-
Std Dev.	-	.354	1.339
Coeff Var	-	20.203	81.983
GX6 - Reference Sample			
Minimum	-	.63	.60
Maximum	-	.99	2.90
Mean	-	.81	1.26
Number	-	2	8
N, L, G	0,4,0	-	-
Std Dev.	-	.255	.985
Coeff Var	-	31.427	78.362

Table 3. Statistical summary of geochemical data, analyses of Ferrous Oxide (FeO) in percent.

Analysis	TITR	TITR
Digestion	1 18	32
GX1 - Reference Sample		
Minimum	.41	.20
Maximum	.49	.20
Mean	.43	.20
Number	4	1
N, L, G	-	-
Std Dev.	.040	-
Coeff Var	9.302	-
GX2 - Reference Sample		
Minimum	2.03	.50
Maximum	2.83	.50
Mean	2.43	.50
Number	4	1
N, L, G	-	-
Std Dev.	.327	-
Coeff Var	13.440	-
GX3 - Reference Sample		
Minimum	.16	-
Maximum	.16	-
Mean	.16	-
Number	4	-
N, L, G	-	0,1,0
Std Dev.	.000	-
Coeff Var	.062	-
GX4 - Reference Sample		
Minimum	1.62	1.50
Maximum	2.43	1.50
Mean	1.93	1.50
Number	4	1
N, L, G	-	-
Std Dev.	.388	-
Coeff Var	20.166	-
GX5 - Reference Sample		
Minimum	3.65	1.20
Maximum	4.21	1.20
Mean	4.01	1.20
Number	4	1
N, L, G	-	-
Std Dev.	.249	-
Coeff Var	6.204	-
GX6 - Reference Sample		
Minimum	.41	-
Maximum	.49	-
Mean	.47	-
Number	4	-
N, L, G	-	-
Std Dev.	.040	-
Coeff Var	8.511	-

Table 3. Statistical summary of geochemical data, analyses of Ferric Oxide (Fe2O3) in percent.

Analysis / Digestion	32	AA 10	AA 12 1	AA 14	AA 21 23	AA 23 4	AA 26	AA 3	AA 4	AA 5	AA 6	AA 7	AA 8
GX1 - Reference Sample													
Minimum	32.60	34.50	32.17	32.31	35.85	35.20	33.20	-	20.90	30.17	31.45	27.42	32.90
Maximum	39.12	36.50	40.78	38.52	35.86	35.20	38.61	-	27.67	36.70	34.31	38.60	40.03
Mean	36.85	35.32	35.72	34.43	35.86	35.20	35.39	-	23.48	34.01	32.88	34.30	36.12
Number	4	4	6	4	2	1	4	-	10	6	2	5	12
N, L, G	-	-	-	-	-	-	-	0,0,2	-	-	-	0,0,2	-
Std Dev.	2.898	.953	3.240	2.863	-	-	2.664	-	2.195	2.752	2.022	5.707	2.060
Coeff Var	7.864	2.698	9.069	8.314	-	-	7.527	-	9.348	8.092	6.151	16.639	5.702
GX2 - Reference Sample													
Minimum	2.59	2.46	2.64	2.36	2.80	2.75	2.86	2.72	1.77	2.03	3.15	2.29	2.43
Maximum	3.40	2.57	3.13	2.71	2.80	2.75	3.10	3.29	2.50	2.03	3.43	2.86	3.18
Mean	2.95	2.51	2.90	2.53	2.80	2.75	2.96	3.01	2.12	2.03	3.29	2.62	2.78
Number	4	4	6	4	2	1	4	2	10	2	2	7	18
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.407	.064	.185	.186	-	-	.120	.403	.243	-	.198	.201	.223
Coeff Var	13.773	2.526	6.367	7.320	-	-	4.054	13.413	11.432	-	6.017	7.666	8.008
GX3 - Reference Sample													
Minimum	26.79	26.40	22.95	26.59	27.42	28.00	27.20	-	12.40	24.45	19.16	22.76	24.60
Maximum	29.00	30.70	30.81	29.37	27.53	28.00	28.91	-	26.49	29.60	19.16	28.51	31.02
Mean	27.86	28.10	27.65	28.01	27.48	28.00	27.98	-	17.61	27.14	19.16	25.93	27.44
Number	4	4	6	4	2	1	4	-	9	6	2	5	12
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,0,2	-
Std Dev.	.903	1.988	3.081	1.473	.077	-	.709	-	5.219	1.999	-	2.406	1.896
Coeff Var	3.242	7.076	11.145	5.261	.281	-	2.533	-	29.643	7.367	-	9.277	6.909
GX4 - Reference Sample													
Minimum	4.25	4.15	4.43	4.29	4.50	4.55	4.00	4.29	3.57	4.12	5.72	1.43	4.15
Maximum	4.60	4.56	4.99	4.69	4.50	4.55	4.45	4.29	4.35	4.12	5.72	4.68	5.09
Mean	4.42	4.33	4.66	4.47	4.50	4.55	4.21	4.29	4.00	4.12	5.72	3.06	4.47
Number	4	4	6	4	2	1	4	2	10	2	1	7	14
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.150	.170	.245	.208	-	-	.246	-	.223	-	-	1.165	.287
Coeff Var	3.385	3.929	5.261	4.641	-	-	5.844	-	5.567	-	-	38.064	6.423
GX5 - Reference Sample													
Minimum	4.44	4.72	4.72	4.22	4.87	4.70	4.29	5.43	3.72	4.02	5.15	4.25	4.36
Maximum	5.52	5.03	5.61	4.98	4.90	4.70	5.08	5.48	4.66	4.37	5.72	7.54	5.78
Mean	4.92	4.85	5.14	4.59	4.89	4.70	4.76	5.45	4.25	4.19	5.43	5.10	5.02
Number	4	4	6	4	2	1	4	2	10	2	2	7	18
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.454	.133	.373	.408	.021	-	.391	.035	.313	.247	.403	1.110	.421
Coeff Var	9.223	2.742	7.247	8.892	.434	-	8.213	.650	7.370	5.899	7.416	21.769	8.389
GX6 - Reference Sample													
Minimum	7.20	6.29	7.43	7.55	8.30	8.30	6.86	8.58	5.86	7.59	8.01	7.15	6.75
Maximum	8.76	7.96	9.06	8.59	8.30	8.30	8.26	9.44	7.56	7.78	8.29	8.72	8.51
Mean	7.73	7.12	8.29	8.01	8.30	8.30	7.68	9.01	6.82	7.68	8.15	7.92	7.74
Number	4	4	6	4	2	1	4	2	10	2	2	7	14
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.707	.884	.576	.466	-	-	.615	.608	.594	.134	.198	.659	.475
Coeff Var	9.149	12.418	6.951	5.821	-	-	8.007	6.749	8.706	1.749	2.429	8.316	6.139

Table 3. Statistical summary of geochemical data, analyses of Ferric Oxide (Fe2O3) in percent.

Analysis	AA	COLO	EMS	MICR	NAA	TITR	TITR	TITR	TITR	TITR	XRF	XRF	XRF
Digestion	9	11		23		10 1	13 1	24	3	8		23	23 30
GX1 - Reference Sample													
Minimum	35.74	20.00	33.00	35.91	33.60	36.50	33.90	32.10	35.70	35.90	19.30	30.10	38.20
Maximum	38.25	22.50	34.00	36.14	34.60	36.50	36.79	36.69	36.60	36.30	38.88	37.10	38.30
Mean	37.04	21.25	33.25	36.02	34.10	36.50	35.93	34.40	36.15	36.12	28.91	35.51	38.25
Number	6	2	4	2	2	1	4	2	2	4	9	15	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.956	1.768	.500	.165	.707	-	1.371	3.245	.637	.207	9.129	2.291	.063
Coeff Var	2.579	8.319	1.504	.459	2.074	-	3.815	9.436	1.763	.574	31.573	6.451	.163
GX2 - Reference Sample													
Minimum	2.12	2.25	2.60	2.60	2.60	2.82	2.71	3.05	2.79	2.72	2.08	2.49	2.85
Maximum	2.92	3.00	3.00	2.66	2.66	2.82	2.86	4.25	2.93	2.72	3.19	3.02	2.87
Mean	2.64	2.62	2.77	2.63	2.63	2.82	2.78	3.65	2.86	2.72	2.57	2.78	2.86
Number	6	2	4	2	2	1	2	2	2	2	9	17	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.364	.530	.206	.042	.042	-	.106	.849	.099	-	.395	.141	.014
Coeff Var	13.775	20.203	7.429	1.613	1.613	-	3.808	23.247	3.462	-	15.329	5.061	.502
GX3 - Reference Sample													
Minimum	28.54	14.00	24.00	27.53	26.00	27.70	26.70	28.37	27.20	27.00	20.50	24.30	27.50
Maximum	29.01	20.00	27.00	27.64	27.20	27.70	27.60	29.80	27.70	27.50	30.94	29.70	28.00
Mean	28.65	17.00	25.75	27.58	26.60	27.70	27.15	29.08	27.45	27.30	25.03	27.15	27.75
Number	6	2	4	2	2	1	2	2	2	4	9	16	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.175	4.243	1.258	.077	.849	-	.636	1.011	.354	.216	4.365	1.610	.354
Coeff Var	.612	24.957	4.887	.280	3.190	-	2.344	3.477	1.288	.790	17.436	5.929	1.274
GX4 - Reference Sample													
Minimum	4.20	3.50	5.00	4.25	4.40	4.29	4.43	5.05	4.58	4.29	2.61	3.91	4.40
Maximum	4.86	4.00	5.30	4.33	4.40	4.29	4.58	5.68	4.93	4.29	4.65	4.63	4.41
Mean	4.53	3.75	5.15	4.29	4.40	4.29	4.51	5.36	4.76	4.29	3.40	4.43	4.40
Number	6	2	4	2	2	1	2	2	2	2	7	17	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.274	.354	.173	.057	.003	-	.106	.445	.247	-	.850	.147	.008
Coeff Var	6.034	9.428	3.361	1.320	.063	-	2.355	8.304	5.204	-	24.954	3.330	.177
GX5 - Reference Sample													
Minimum	5.10	4.00	5.20	4.68	4.90	4.70	4.86	5.39	5.22	4.58	3.37	4.50	5.02
Maximum	5.40	4.45	5.60	4.79	4.95	4.70	4.86	5.70	5.58	5.39	5.50	5.17	5.38
Mean	5.23	4.23	5.30	4.74	4.92	4.70	4.86	5.55	5.40	4.99	4.60	4.94	5.20
Number	6	2	4	2	2	1	2	2	2	2	9	17	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.109	.318	.200	.078	.035	-	-	.219	.255	.573	.683	.188	.255
Coeff Var	2.091	7.532	3.774	1.644	.718	-	-	3.953	4.714	11.490	14.841	3.798	4.895
GX6 - Reference Sample													
Minimum	7.86	7.50	7.70	7.75	7.30	8.15	8.15	9.05	8.44	7.72	5.95	7.70	8.25
Maximum	8.66	7.50	8.60	8.08	8.00	8.15	8.15	9.31	10.40	8.01	9.13	8.64	8.30
Mean	8.19	7.50	8.15	7.91	7.65	8.15	8.15	9.18	9.42	7.86	7.41	8.13	8.28
Number	6	2	4	2	2	1	2	2	2	2	9	18	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.301	-	.387	.233	.495	-	-	.184	1.386	.205	1.311	.214	.035
Coeff Var	3.677	-	4.751	2.948	6.470	-	-	2.003	14.713	2.607	17.685	2.632	.422

Table 3. Statistical summary of geochemical data, analyses of Ferric Oxide (Fe2O3) in percent.

Analysis	XRF	XRF
Digestion	30	9
GX1 - Reference Sample		
Minimum	36.46	36.30
Maximum	36.46	36.30
Mean	36.46	36.30
Number	1	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-
GX2 - Reference Sample		
Minimum	2.63	2.50
Maximum	2.63	2.50
Mean	2.63	2.50
Number	1	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-
GX3 - Reference Sample		
Minimum	27.67	27.30
Maximum	27.67	27.30
Mean	27.67	27.30
Number	1	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-
GX4 - Reference Sample		
Minimum	4.27	4.36
Maximum	4.27	4.36
Mean	4.27	4.36
Number	1	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-
GX5 - Reference Sample		
Minimum	4.70	4.58
Maximum	4.70	4.58
Mean	4.70	4.58
Number	1	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-
GX6 - Reference Sample		
Minimum	8.26	8.15
Maximum	8.26	8.15
Mean	8.26	8.15
Number	1	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-

Table 3. Statistical summary of geochemical data, analyses of Fluorine (F) in ppm. (GX3 results are in percent)

Analysis		COLO	COLO	COLO	EMS	ISE	ISE	ISE	NAA
Digestion	32	21	21 2	26 2		21 1	21 25	22	
GX1 - Reference Sample									
Minimum	-	1080.00	-	1400.00	1300.00	1950.00	1000.00	870.00	1961.00
Maximum	-	1080.00	-	1400.00	1300.00	2000.00	1000.00	1500.00	1961.00
Mean	-	1080.00	-	1400.00	1300.00	1975.00	1000.00	1179.09	1961.00
Number	-	2	-	2	2	2	2	11	1
N, L, G	-	-	0,2,0	-	-	-	-	-	-
Std Dev.	-	-	-	-	-	35.355	-	240.300	-
Coeff Var	-	-	-	-	-	1.790	-	20.380	-
GX2 - Reference Sample									
Minimum	-	-	-	600.00	340.00	850.00	440.00	217.00	416.00
Maximum	-	-	-	700.00	420.00	1050.00	580.00	720.00	416.00
Mean	-	-	-	650.00	380.00	950.00	510.00	345.91	416.00
Number	-	-	-	2	2	2	2	11	1
N, L, G	-	0,2,0	0,2,0	-	-	-	-	-	-
Std Dev.	-	-	-	70.711	56.569	141.421	98.995	179.758	-
Coeff Var	-	-	-	10.879	14.886	14.886	19.411	51.967	-
GX3 - Reference Sample									
Minimum	9.50	7.00	8.54	-	3.10	6.46	5.40	7.20	6.37
Maximum	9.80	7.04	8.57	-	4.00	8.34	5.40	9.20	6.37
Mean	9.67	7.02	8.56	-	3.55	7.40	5.40	8.09	6.37
Number	4	2	2	-	2	2	1	11	1
N, L, G	-	-	-	0,0,2	-	-	-	-	-
Std Dev.	.150	.028	.019	-	.636	1.329	-	.831	-
Coeff Var	1.551	.403	.224	-	17.927	17.964	-	10.271	-
GX4 - Reference Sample									
Minimum	-	-	1000.00	2800.00	1600.00	3300.00	2500.00	2400.00	2686.00
Maximum	-	-	1000.00	2900.00	3200.00	3750.00	2700.00	3500.00	2686.00
Mean	-	-	1000.00	2850.00	2400.00	3525.00	2600.00	2794.18	2686.00
Number	-	-	2	2	2	2	2	11	1
N, L, G	-	0,2,0	-	-	-	-	-	-	-
Std Dev.	-	-	-	70.711	1131.371	318.195	141.421	371.794	-
Coeff Var	-	-	-	2.481	47.140	9.027	5.439	13.306	-
GX5 - Reference Sample									
Minimum	-	-	-	600.00	340.00	600.00	200.00	100.00	239.00
Maximum	-	-	-	600.00	360.00	800.00	230.00	500.00	239.00
Mean	-	-	-	600.00	350.00	700.00	215.00	199.45	239.00
Number	-	-	-	2	2	2	2	11	1
N, L, G	-	0,2,0	0,2,0	-	-	-	-	-	-
Std Dev.	-	-	-	-	14.142	141.421	21.213	141.250	-
Coeff Var	-	-	-	-	4.041	20.203	9.867	70.818	-
GX6 - Reference Sample									
Minimum	-	-	-	600.00	320.00	800.00	200.00	120.00	208.00
Maximum	-	-	-	600.00	380.00	900.00	240.00	550.00	208.00
Mean	-	-	-	600.00	350.00	850.00	220.00	225.91	208.00
Number	-	-	-	2	2	2	2	11	1
N, L, G	-	0,2,0	0,2,0	-	-	-	-	-	-
Std Dev.	-	-	-	-	42.426	70.711	28.284	157.443	-
Coeff Var	-	-	-	-	12.122	8.319	12.856	69.693	-

Table 3. Statistical summary of geochemical data, analyses of Gadolinium (Gd) in ppm.

Analysis	EMS	MS	XRF
Digestion			23
GX1 - Reference Sample			
Minimum	-	6.10	12.00
Maximum	-	6.80	12.00
Mean	-	6.45	12.00
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.495	-
Coeff Var	-	7.674	-
GX2 - Reference Sample			
Minimum	-	4.30	3.10
Maximum	-	4.40	3.10
Mean	-	4.35	3.10
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.071	-
Coeff Var	-	1.626	-
GX3 - Reference Sample			
Minimum	-	3.70	6.50
Maximum	-	4.10	6.50
Mean	-	3.90	6.50
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.283	-
Coeff Var	-	7.252	-
GX4 - Reference Sample			
Minimum	-	9.10	5.40
Maximum	-	10.50	5.40
Mean	-	9.80	5.40
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.990	-
Coeff Var	-	10.101	-
GX5 - Reference Sample			
Minimum	-	4.40	3.10
Maximum	-	4.80	3.10
Mean	-	4.60	3.10
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.283	-
Coeff Var	-	6.149	-
GX6 - Reference Sample			
Minimum	-	2.50	4.30
Maximum	-	2.90	4.30
Mean	-	2.70	4.30
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.283	-
Coeff Var	-	10.476	-

Table 3. Statistical summary of geochemical data, analyses of Gallium (Ga) in ppm.

Analysis		EMS	NAA
Digestion	32		
GX1 - Reference Sample			
Minimum	5.40	15.00	11.00
Maximum	5.40	25.00	12.00
Mean	5.40	21.00	11.50
Number	1	10	2
N, L, G	-	-	-
Std Dev.	-	3.300	.707
Coeff Var	-	15.713	6.149
GX2 - Reference Sample			
Minimum	37.00	25.00	32.00
Maximum	37.00	55.00	32.00
Mean	37.00	40.10	32.00
Number	1	10	2
N, L, G	-	-	-
Std Dev.	-	9.492	-
Coeff Var	-	23.671	-
GX3 - Reference Sample			
Minimum	8.50	6.00	-
Maximum	8.50	32.00	-
Mean	8.50	19.20	-
Number	1	10	-
N, L, G	-	-	0,2,0
Std Dev.	-	6.795	-
Coeff Var	-	35.393	-
GX4 - Reference Sample			
Minimum	17.00	20.00	14.00
Maximum	17.00	30.00	16.00
Mean	17.00	23.70	15.00
Number	1	10	2
N, L, G	-	-	-
Std Dev.	-	3.335	1.414
Coeff Var	-	14.072	9.428
GX5 - Reference Sample			
Minimum	41.00	20.00	33.00
Maximum	41.00	65.00	36.00
Mean	41.00	44.80	34.50
Number	1	10	2
N, L, G	-	-	-
Std Dev.	-	15.690	2.121
Coeff Var	-	35.022	6.149
GX6 - Reference Sample			
Minimum	32.00	20.00	28.00
Maximum	32.00	62.00	32.00
Mean	32.00	41.30	30.00
Number	1	10	2
N, L, G	-	-	-
Std Dev.	-	13.857	2.828
Coeff Var	-	33.552	9.428

Table 3. Statistical summary of geochemical data, analyses of Germanium (Ge) in ppm.

Analysis	DCP	EMS
Digestion	9 18	
GX1 - Reference Sample		
Minimum	20.00	10.00
Maximum	20.00	16.00
Mean	20.00	13.00
Number	4	2
N, L, G	-	0,8,0
Std Dev.	-	4.243
Coeff Var	-	32.636
GX2 - Reference Sample		
Minimum	10.00	12.00
Maximum	10.00	12.00
Mean	10.00	12.00
Number	2	1
N, L, G	0,2,0	0,9,0
Std Dev.	-	-
Coeff Var	-	-
GX3 - Reference Sample		
Minimum	140.00	70.00
Maximum	140.00	155.00
Mean	140.00	109.90
Number	4	10
N, L, G	-	-
Std Dev.	-	25.757
Coeff Var	-	23.437
GX4 - Reference Sample		
Minimum	10.00	10.00
Maximum	10.00	13.00
Mean	10.00	11.50
Number	2	2
N, L, G	0,2,0	0,8,0
Std Dev.	-	2.121
Coeff Var	-	18.446
GX5 - Reference Sample		
Minimum	-	10.00
Maximum	-	10.00
Mean	-	10.00
Number	-	2
N, L, G	0,4,0	0,8,0
Std Dev.	-	-
Coeff Var	-	-
GX6 - Reference Sample		
Minimum	-	12.00
Maximum	-	16.00
Mean	-	14.00
Number	-	2
N, L, G	0,4,0	0,8,0
Std Dev.	-	2.828
Coeff Var	-	20.203

Table 3. Statistical summary of geochemical data, analyses of Gold (Au) in ppm.

Analysis		AA	AA	AA	AA	AA	AA	AA	AA	AA	COLO	EMS	FAA
Digestion	32	14	1 2	2	20	20 5	3	5	8	9	2		5
GX1 - Reference Sample													
Minimum	-	3.54	3.90	2.00	.10	4.00	-	1.10	2.90	2.70	3.10	1.10	4.10
Maximum	-	3.75	4.36	4.98	4.40	4.00	-	20.00	5.40	5.10	3.36	2.80	4.17
Mean	-	3.65	4.13	3.06	3.09	4.00	-	4.16	3.65	3.56	3.23	1.95	4.14
Number	-	2	2	14	7	2	-	38	22	9	2	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,4,0	-
Std Dev.	-	.148	.325	.855	1.450	-	-	3.619	.626	.815	.184	1.202	.049
Coeff Var	-	4.074	7.876	27.888	46.887	-	-	87.048	17.135	22.893	5.692	61.645	1.195
GX2 - Reference Sample													
Minimum	.03	-	.06	.02	.07	.04	.01	.01	.06	.02	.03	-	.04
Maximum	.03	-	.16	.16	.07	.04	.01	5.00	.06	.22	.55	-	.04
Mean	.03	-	.11	.06	.07	.04	.01	.66	.06	.09	.29	-	.04
Number	1	-	2	11	1	2	1	18	2	3	2	-	2
N, L, G	-	0,2,0	-	0,2,0	0,2,0	-	-	2,13,0	-	0,2,0	-	0,6,0	-
Std Dev.	-	-	.071	.041	-	.000	-	1.581	-	.113	.368	-	.002
Coeff Var	-	-	64.282	66.638	-	.108	-	238.708	-	126.717	126.792	-	5.112
GX3 - Reference Sample													
Minimum	-	-	.32	.01	.07	.01	-	.01	-	.04	.03	-	.00
Maximum	-	-	.36	.08	.07	.01	-	22.50	-	.04	.16	-	.00
Mean	-	-	.34	.04	.07	.01	-	2.96	-	.04	.10	-	.00
Number	-	-	2	9	1	2	-	15	-	1	2	-	2
N, L, G	0,1,0	0,2,0	-	0,4,0	0,2,0	-	0,1,0	2,15,0	0,2,0	0,2,0	-	0,6,0	-
Std Dev.	-	-	.028	.024	-	.000	-	7.441	-	-	.092	-	-
Coeff Var	-	-	8.319	53.688	-	.108	-	251.042	-	-	96.762	-	-
GX4 - Reference Sample													
Minimum	-	.75	.20	.38	.57	.56	-	.20	1.05	.44	.51	.50	.58
Maximum	-	.78	.26	1.38	.90	.57	-	7.50	1.37	.73	.63	.67	.59
Mean	-	.76	.23	.69	.68	.57	-	.91	1.21	.53	.57	.59	.59
Number	-	2	2	12	4	2	-	32	2	5	2	2	2
N, L, G	-	-	-	-	-	-	-	0,2,0	-	-	-	0,4,0	-
Std Dev.	-	.021	.042	.308	.150	.007	-	1.446	.226	.114	.085	.120	.001
Coeff Var	-	2.775	18.446	44.415	21.941	1.252	-	158.327	18.700	21.571	14.886	20.548	.236
GX5 - Reference Sample													
Minimum	.00	-	.08	.00	.09	.01	-	.01	-	.17	.01	.03	.01
Maximum	.00	-	.09	.04	.09	.01	-	7.50	-	.17	.43	.03	.01
Mean	.00	-	.08	.02	.09	.01	-	.84	-	.17	.22	.03	.01
Number	1	-	2	6	1	2	-	17	-	1	2	1	2
N, L, G	-	0,2,0	-	0,7,0	0,2,0	-	0,1,0	2,15,0	0,2,0	0,2,0	-	0,5,0	-
Std Dev.	-	-	.007	.013	-	.000	-	2.087	-	-	.297	-	.002
Coeff Var	-	-	8.319	61.501	-	.108	-	248.929	-	-	134.993	-	20.203
GX6 - Reference Sample													
Minimum	.14	.09	.17	.04	.27	.09	.08	.05	.16	.05	.11	.05	.09
Maximum	.14	.09	.18	.16	.27	.09	.08	10.00	.19	.06	.41	.08	.10
Mean	.14	.09	.18	.10	.27	.09	.08	1.04	.18	.06	.26	.06	.10
Number	1	2	2	11	1	2	1	22	2	3	2	2	2
N, L, G	-	-	-	0,2,0	0,2,0	-	-	2,13,0	-	-	-	0,4,0	-
Std Dev.	-	-	.007	.044	-	-	-	2.900	.021	.007	.212	.021	.001
Coeff Var	-	-	4.041	44.670	-	-	-	277.722	12.122	12.372	81.589	32.636	1.489

Table 3. Statistical summary of geochemical data, analyses of Gold (Au) in ppm.

Analysis	FAAG	FAAG	FAAG	NAA
Digestion	2	5	8	
GX1 - Reference Sample				
Minimum	2.99	2.60	-	3.20
Maximum	3.07	2.90	-	4.10
Mean	3.03	2.75	-	3.62
Number	2	2	-	4
N, L, G	-	-	-	-
Std Dev.	.057	.212	-	.492
Coeff Var	1.866	7.714	-	13.585
GX2 - Reference Sample				
Minimum	.03	.01	-	.03
Maximum	.03	.03	-	.04
Mean	.03	.02	-	.03
Number	2	2	-	4
N, L, G	-	-	-	-
Std Dev.	.001	.012	-	.005
Coeff Var	1.685	64.977	-	15.384
GX3 - Reference Sample				
Minimum	.00	.00	-	-
Maximum	.00	.01	-	-
Mean	.00	.01	-	-
Number	2	2	-	-
N, L, G	-	-	-	0,4,0
Std Dev.	.000	.005	-	-
Coeff Var	11.224	76.150	-	-
GX4 - Reference Sample				
Minimum	.42	.45	.46	.48
Maximum	.50	.46	.56	.71
Mean	.46	.45	.52	.57
Number	2	2	3	4
N, L, G	-	-	-	-
Std Dev.	.056	.007	.051	.098
Coeff Var	12.078	1.554	9.932	17.077
GX5 - Reference Sample				
Minimum	.01	.01	-	-
Maximum	.01	.01	-	-
Mean	.01	.01	-	-
Number	2	2	-	-
N, L, G	-	-	-	0,4,0
Std Dev.	.001	.001	-	-
Coeff Var	6.356	7.443	-	-
GX6 - Reference Sample				
Minimum	.07	.06	-	.09
Maximum	.09	.14	-	.11
Mean	.08	.10	-	.10
Number	2	2	-	4
N, L, G	-	-	-	-
Std Dev.	.013	.057	-	.010
Coeff Var	15.616	56.569	-	9.820

Table 3. Statistical summary of geochemical data, analyses of H2O- in percent.

Analysis	GRAV
Digestion	
GX1 - Reference Sample	
Minimum	.23
Maximum	2.05
Mean	1.05
Number	13
N, L, G	-
Std Dev.	.543
Coeff Var	51.783
GX2 - Reference Sample	
Minimum	1.02
Maximum	2.45
Mean	1.87
Number	13
N, L, G	-
Std Dev.	.551
Coeff Var	29.449
GX3 - Reference Sample	
Minimum	.07
Maximum	3.36
Mean	2.04
Number	13
N, L, G	-
Std Dev.	1.011
Coeff Var	49.555
GX4 - Reference Sample	
Minimum	.32
Maximum	1.16
Mean	.79
Number	13
N, L, G	-
Std Dev.	.307
Coeff Var	38.966
GX5 - Reference Sample	
Minimum	1.10
Maximum	3.11
Mean	2.04
Number	13
N, L, G	-
Std Dev.	.682
Coeff Var	33.530
GX6 - Reference Sample	
Minimum	.75
Maximum	2.79
Mean	1.82
Number	13
N, L, G	-
Std Dev.	.759
Coeff Var	41.629

Table 3. Statistical summary of geochemical data, analyses of H2O+ in percent.

Analysis	GRAV
Digestion	
GX1 - Reference Sample	
Minimum	2.41
Maximum	4.53
Mean	3.54
Number	11
N, L, G	-
Std Dev.	.619
Coeff Var	17.464
GX2 - Reference Sample	
Minimum	2.64
Maximum	4.38
Mean	3.42
Number	11
N, L, G	-
Std Dev.	.592
Coeff Var	17.313
GX3 - Reference Sample	
Minimum	3.98
Maximum	7.62
Mean	5.23
Number	11
N, L, G	-
Std Dev.	1.226
Coeff Var	23.439
GX4 - Reference Sample	
Minimum	1.54
Maximum	2.69
Mean	1.95
Number	11
N, L, G	-
Std Dev.	.455
Coeff Var	23.272
GX5 - Reference Sample	
Minimum	1.81
Maximum	5.37
Mean	3.58
Number	11
N, L, G	-
Std Dev.	1.017
Coeff Var	28.435
GX6 - Reference Sample	
Minimum	2.30
Maximum	7.76
Mean	4.96
Number	11
N, L, G	-
Std Dev.	1.690
Coeff Var	34.082

Table 3. Statistical summary of geochemical data, analyses of Hafnium (Hf) in ppm.

Analysis	EMS	NAA	XRF
Digestion			23
GX1 - Reference Sample			
Minimum	-	.70	1.70
Maximum	-	1.20	1.70
Mean	-	.95	1.70
Number	-	6	1
N, L, G	0,4,0	0,2,0	-
Std Dev.	-	.176	-
Coeff Var	-	18.534	-
GX2 - Reference Sample			
Minimum	-	6.90	4.10
Maximum	-	9.70	4.10
Mean	-	7.70	4.10
Number	-	8	1
N, L, G	0,4,0	-	-
Std Dev.	-	1.188	-
Coeff Var	-	15.429	-
GX3 - Reference Sample			
Minimum	-	1.00	3.10
Maximum	-	2.40	3.10
Mean	-	1.91	3.10
Number	-	8	1
N, L, G	0,4,0	-	-
Std Dev.	-	.445	-
Coeff Var	-	23.290	-
GX4 - Reference Sample			
Minimum	-	5.40	4.70
Maximum	-	8.10	4.70
Mean	-	6.37	4.70
Number	-	8	1
N, L, G	0,4,0	-	-
Std Dev.	-	1.029	-
Coeff Var	-	16.145	-
GX5 - Reference Sample			
Minimum	-	4.00	2.90
Maximum	-	6.20	2.90
Mean	-	4.83	2.90
Number	-	8	1
N, L, G	0,4,0	-	-
Std Dev.	-	.899	-
Coeff Var	-	18.628	-
GX6 - Reference Sample			
Minimum	-	3.70	1.30
Maximum	-	5.40	1.30
Mean	-	4.26	1.30
Number	-	8	1
N, L, G	0,4,0	-	-
Std Dev.	-	.652	-
Coeff Var	-	15.304	-

Table 3. Statistical summary of geochemical data, analyses of Holmium (Ho) in ppm.

Analysis Digestion	EMS	MS
GX1 - Reference Sample		
Minimum	-	1.40
Maximum	-	1.80
Mean	-	1.60
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.283
Coeff Var	-	17.678
GX2 - Reference Sample		
Minimum	-	.41
Maximum	-	.53
Mean	-	.47
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.085
Coeff Var	-	18.054
GX3 - Reference Sample		
Minimum	-	.32
Maximum	-	.46
Mean	-	.39
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.099
Coeff Var	-	25.383
GX4 - Reference Sample		
Minimum	-	.77
Maximum	-	.78
Mean	-	.78
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.007
Coeff Var	-	.909
GX5 - Reference Sample		
Minimum	-	.58
Maximum	-	.58
Mean	-	.58
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.001
Coeff Var	-	.119
GX6 - Reference Sample		
Minimum	-	.42
Maximum	-	.48
Mean	-	.45
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	.042
Coeff Var	-	9.428

Table 3. Statistical summary of geochemical data, analyses of Indium (In) in ppm.

Analysis	DCP	EMS
Digestion	9 18	
GX1 - Reference Sample		
Minimum	3.00	-
Maximum	4.50	-
Mean	3.87	-
Number	4	-
N, L, G	-	0,4,0
Std Dev.	.629	-
Coeff Var	16.236	-
GX2 - Reference Sample		
Minimum	4.50	-
Maximum	7.00	-
Mean	5.25	-
Number	4	-
N, L, G	-	0,4,0
Std Dev.	1.190	-
Coeff Var	22.671	-
GX3 - Reference Sample		
Minimum	6.00	-
Maximum	10.00	-
Mean	8.12	-
Number	4	-
N, L, G	-	0,4,0
Std Dev.	1.750	-
Coeff Var	21.538	-
GX4 - Reference Sample		
Minimum	3.50	-
Maximum	4.00	-
Mean	3.87	-
Number	4	-
N, L, G	-	0,4,0
Std Dev.	.250	-
Coeff Var	6.452	-
GX5 - Reference Sample		
Minimum	4.50	-
Maximum	5.50	-
Mean	5.12	-
Number	4	-
N, L, G	-	0,4,0
Std Dev.	.479	-
Coeff Var	9.341	-
GX6 - Reference Sample		
Minimum	5.00	-
Maximum	7.50	-
Mean	6.37	-
Number	4	-
N, L, G	-	0,4,0
Std Dev.	1.109	-
Coeff Var	17.391	-

Table 3. Statistical summary of geochemical data, analyses of Iridium (Ir) in ppm.

Analysis Digestion	EMS
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX6 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Iron (Fe) in percent.

Analysis	AA	AA	DCP	EMS	NAA
Digestion	5	8	6 13		
GX1 - Reference Sample					
Minimum	26.50	-	23.20	23.00	21.20
Maximum	27.36	-	26.40	26.00	26.20
Mean	26.93	-	25.13	24.17	23.98
Number	2	-	6	6	6
N, L, G	-	-	-	0,2,4	-
Std Dev.	.608	-	1.120	1.472	2.241
Coeff Var	2.258	-	4.457	6.091	9.344
GX2 - Reference Sample					
Minimum	1.81	1.90	1.92	.70	1.80
Maximum	1.84	1.90	2.08	3.00	2.05
Mean	1.83	1.90	1.99	1.85	1.95
Number	2	2	6	24	6
N, L, G	-	-	-	-	-
Std Dev.	.021	.001	.060	.540	.102
Coeff Var	1.161	.036	3.002	29.108	5.238
GX3 - Reference Sample					
Minimum	18.74	20.90	18.20	10.00	18.60
Maximum	19.48	21.10	21.10	22.00	19.00
Mean	19.11	21.00	19.42	17.00	18.73
Number	2	2	6	18	6
N, L, G	-	-	-	0,2,4	-
Std Dev.	.523	.141	.972	3.106	.151
Coeff Var	2.738	.674	5.008	18.270	.803
GX4 - Reference Sample					
Minimum	2.97	3.00	3.00	1.50	2.94
Maximum	3.06	3.30	3.10	5.00	3.30
Mean	3.02	3.13	3.06	2.71	3.17
Number	2	3	6	24	6
N, L, G	-	-	-	-	-
Std Dev.	.064	.153	.037	.900	.167
Coeff Var	2.113	4.875	1.202	33.220	5.274
GX5 - Reference Sample					
Minimum	3.33	3.77	3.44	1.00	3.24
Maximum	3.47	3.85	3.86	5.00	3.75
Mean	3.40	3.81	3.69	3.16	3.42
Number	2	2	6	24	6
N, L, G	-	-	-	-	-
Std Dev.	.099	.057	.171	1.179	.259
Coeff Var	2.912	1.484	4.637	37.295	7.570
GX6 - Reference Sample					
Minimum	5.14	-	6.01	1.00	5.80
Maximum	5.32	-	6.32	7.00	6.00
Mean	5.23	-	6.13	4.47	5.89
Number	2	-	6	24	6
N, L, G	-	-	-	-	-
Std Dev.	.127	-	.136	1.553	.073
Coeff Var	2.433	-	2.211	34.775	1.232

Table 3. Statistical summary of geochemical data, analyses of Lanthanum (La) in ppm.

Analysis	EMS	MS	NAA	XRF
Digestion				23
GX1 - Reference Sample				
Minimum	9.00	7.10	5.80	7.60
Maximum	10.00	7.60	17.70	7.60
Mean	9.50	7.35	10.05	7.60
Number	2	2	8	1
N, L, G	0,23,0	-	-	-
Std Dev.	.707	.354	3.642	-
Coeff Var	7.443	4.810	36.241	-
GX2 - Reference Sample				
Minimum	16.00	15.00	25.00	26.00
Maximum	50.00	19.00	29.40	26.00
Mean	25.80	17.00	27.41	26.00
Number	15	2	8	1
N, L, G	0,10,0	-	-	-
Std Dev.	9.894	2.828	1.834	-
Coeff Var	38.348	16.638	6.690	-
GX3 - Reference Sample				
Minimum	8.00	8.60	8.10	.40
Maximum	32.00	9.00	12.30	.40
Mean	22.83	8.80	9.49	.40
Number	6	2	8	1
N, L, G	0,19,0	-	-	-
Std Dev.	10.778	.283	1.348	-
Coeff Var	47.203	3.211	14.213	-
GX4 - Reference Sample				
Minimum	20.00	45.50	63.00	65.00
Maximum	100.00	50.00	72.70	65.00
Mean	66.91	47.75	68.19	65.00
Number	23	2	8	1
N, L, G	0,2,0	-	-	-
Std Dev.	20.987	3.182	4.002	-
Coeff Var	31.364	6.664	5.869	-
GX5 - Reference Sample				
Minimum	18.00	15.90	18.00	21.00
Maximum	30.00	19.00	22.20	21.00
Mean	21.55	17.45	20.05	21.00
Number	11	2	8	1
N, L, G	0,14,0	-	-	-
Std Dev.	3.357	2.192	1.337	-
Coeff Var	15.583	12.562	6.670	-
GX6 - Reference Sample				
Minimum	11.00	11.00	13.60	18.00
Maximum	19.00	12.10	15.60	18.00
Mean	15.83	11.55	14.60	18.00
Number	6	2	8	1
N, L, G	0,19,0	-	-	-
Std Dev.	3.125	.778	.823	-
Coeff Var	19.738	6.733	5.636	-

Table 3. Statistical summary of geochemical data, analyses of Lead (Pb) in ppm.

Analysis		AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	32	1	10	11	12	13	14	15	16	17	3	4	5
GX1 - Reference Sample													
Minimum	625.00	718.00	700.00	1150.00	695.00	835.00	710.00	730.00	725.00	149.00	699.00	350.00	424.00
Maximum	625.00	743.00	895.00	1200.00	1100.00	1150.00	720.00	740.00	812.80	157.00	699.00	742.00	1600.00
Mean	625.00	730.50	793.67	1175.00	832.38	978.75	715.00	735.00	768.90	153.00	699.00	604.08	722.03
Number	1	2	12	2	8	4	2	2	2	2	1	48	71
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	17.678	56.896	35.355	155.208	164.943	7.071	7.071	62.085	5.657	-	88.849	165.751
Coeff Var	-	2.420	7.169	3.009	18.646	16.852	.989	.962	8.074	3.697	-	14.708	22.956
GX2 - Reference Sample													
Minimum	675.00	801.00	645.00	620.00	610.00	692.00	660.00	680.00	825.00	410.00	656.00	500.00	500.00
Maximum	675.00	807.00	779.00	805.00	1000.00	900.00	665.00	690.00	1083.30	420.00	656.00	1000.00	1700.00
Mean	675.00	804.00	720.75	726.25	744.38	813.50	662.50	685.00	954.15	415.00	656.00	698.08	720.93
Number	1	2	12	4	8	4	2	2	2	2	1	48	68
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	4.243	41.454	87.309	153.462	99.698	3.536	7.071	182.646	7.071	-	89.673	176.056
Coeff Var	-	.528	5.751	12.022	20.616	12.255	.534	1.032	19.142	1.704	-	12.846	24.421
GX3 - Reference Sample													
Minimum	14.00	34.00	6.00	117.00	12.00	45.00	31.00	35.00	22.00	12.00	34.00	1.00	5.00
Maximum	14.00	36.00	75.00	135.00	62.50	190.00	32.00	35.00	26.00	14.00	34.00	148.00	1000.00
Mean	14.00	35.00	22.00	126.00	37.37	102.75	31.50	35.00	24.00	13.00	34.00	37.04	63.54
Number	1	2	12	2	4	4	2	2	2	2	1	46	61
N, L, G	-	-	-	-	0,2,0	-	-	-	-	-	-	-	0,4,0
Std Dev.	-	1.414	22.695	12.728	27.615	66.910	.707	-	2.828	1.414	-	31.323	165.374
Coeff Var	-	4.041	103.157	10.102	73.885	65.119	2.245	-	11.785	10.879	-	84.556	260.260
GX4 - Reference Sample													
Minimum	49.00	54.00	12.50	40.00	36.00	110.00	46.00	50.00	48.00	33.00	-	25.00	21.00
Maximum	49.00	55.00	70.00	83.00	90.00	140.00	47.00	55.00	61.00	35.00	-	90.00	900.00
Mean	49.00	54.50	42.96	61.50	57.88	128.75	46.50	52.50	54.50	34.00	-	51.37	75.67
Number	1	2	12	2	8	4	2	2	2	2	-	48	67
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	0,2,0
Std Dev.	-	.707	18.101	30.406	21.524	13.150	.707	3.536	9.192	1.414	-	16.132	146.085
Coeff Var	-	1.297	42.137	49.440	37.190	10.213	1.521	6.734	16.867	4.159	-	31.400	193.064
GX5 - Reference Sample													
Minimum	16.00	23.00	12.00	67.00	15.00	100.00	18.00	20.00	23.00	11.00	21.00	6.00	8.00
Maximum	16.00	25.00	38.00	73.00	50.00	130.00	19.00	20.00	43.00	12.00	21.00	51.00	900.00
Mean	16.00	24.00	20.25	70.00	29.90	111.75	18.50	20.00	33.00	11.50	21.00	24.25	46.62
Number	1	2	12	2	5	4	2	2	2	2	1	48	71
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	0,3,0
Std Dev.	-	1.414	8.248	4.243	15.502	13.124	.707	-	14.142	.707	-	10.241	146.607
Coeff Var	-	5.893	40.729	6.061	51.845	11.744	3.822	-	42.855	6.149	-	42.230	314.470
GX6 - Reference Sample													
Minimum	110.00	112.00	85.00	80.00	90.00	189.00	98.00	90.00	96.00	6.00	97.00	30.00	34.00
Maximum	110.00	113.00	131.00	187.00	165.00	212.00	101.00	95.00	100.00	6.00	97.00	148.00	900.00
Mean	110.00	112.50	105.21	125.75	114.50	202.75	99.50	92.50	98.00	6.00	97.00	100.71	120.00
Number	1	2	12	4	8	4	2	2	2	2	1	48	70
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	.707	12.777	54.322	26.662	10.563	2.121	3.536	2.828	-	-	20.272	127.293
Coeff Var	-	.629	12.144	43.199	23.286	5.210	2.132	3.822	2.886	-	-	20.129	106.077

Table 3. Statistical summary of geochemical data, analyses of Lead (Pb) in ppm.

Analysis	AA	AA	AA	AA	COLO	COLO	DCP	DCP	EMS	FAA	FAAG	ICPE	XRF
Digestion	6	7	8	9	4	6	6 13	9 18		12	5	5	23 25
GX1 - Reference Sample													
Minimum	640.00	523.00	737.00	720.00	500.00	160.00	736.00	500.00	200.00	-	-	-	290.00
Maximum	865.00	1160.00	905.00	1000.00	527.00	1800.00	845.00	670.00	5500.00	-	-	-	290.00
Mean	763.65	790.82	798.82	795.71	513.50	980.00	782.17	580.00	860.57	-	-	-	290.00
Number	17	33	17	14	4	2	6	4	35	-	-	-	2
N, L, G	-	-	-	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	70.593	188.307	43.112	73.835	15.588	1159.655	45.420	87.560	920.619	-	-	-	-
Coeff Var	9.244	23.812	5.397	9.279	3.036	118.332	5.807	15.096	106.978	-	-	-	-
GX2 - Reference Sample													
Minimum	580.00	415.00	650.00	645.00	500.00	220.00	666.00	690.00	100.00	-	730.00	551.00	700.00
Maximum	775.00	921.00	820.00	800.00	593.00	1300.00	745.00	700.00	2600.00	-	730.00	609.00	700.00
Mean	699.18	689.50	710.63	707.36	540.00	760.00	699.33	692.50	824.43	-	730.00	591.75	700.00
Number	17	32	19	14	4	2	6	4	35	-	1	4	2
N, L, G	-	-	-	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	60.847	95.170	45.207	50.001	47.392	763.675	29.530	5.000	561.355	-	-	27.293	-
Coeff Var	8.703	13.803	6.362	7.069	8.776	100.484	4.223	.722	68.090	-	-	4.612	-
GX3 - Reference Sample													
Minimum	14.00	12.00	22.00	20.00	15.00	2.00	56.00	38.00	5.00	5.60	-	-	-
Maximum	75.00	62.00	90.00	140.00	15.00	4.00	68.00	48.00	32.00	6.40	-	-	-
Mean	37.67	37.00	51.34	46.14	15.00	3.00	61.33	43.50	14.83	6.00	-	-	-
Number	18	29	17	7	2	2	6	4	30	2	-	-	-
N, L, G	0,1,0	0,2,0	-	0,4,0	0,2,0	-	-	-	0,7,0	-	-	-	0,2,0
Std Dev.	20.748	14.283	22.878	42.667	-	1.414	5.317	4.435	6.433	.566	-	-	-
Coeff Var	55.083	38.602	44.566	92.467	-	47.140	8.668	10.195	43.369	9.428	-	-	-
GX4 - Reference Sample													
Minimum	35.00	12.00	35.00	28.00	28.00	8.00	34.00	54.00	20.00	-	-	39.00	60.00
Maximum	60.00	66.00	151.00	100.00	30.00	90.00	50.00	64.00	110.00	-	-	65.00	60.00
Mean	52.42	44.81	67.47	48.09	29.25	49.00	41.00	59.50	55.91	-	-	46.00	60.00
Number	19	31	17	11	4	2	6	4	35	-	-	4	2
N, L, G	-	-	-	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	8.865	17.777	26.921	22.305	.957	57.983	6.033	4.435	18.472	-	-	12.675	-
Coeff Var	16.911	39.675	39.901	46.380	3.273	118.332	14.715	7.453	33.035	-	-	27.555	-
GX5 - Reference Sample													
Minimum	5.00	15.00	22.00	10.00	9.00	10.00	10.00	20.00	6.00	13.70	20.00	-	50.00
Maximum	40.00	40.00	57.00	60.00	20.00	60.00	15.00	26.00	35.00	15.20	20.00	-	50.00
Mean	25.84	25.79	33.24	21.18	13.00	35.00	12.17	23.50	17.27	14.45	20.00	-	50.00
Number	19	29	17	11	3	2	6	4	33	2	1	-	2
N, L, G	-	0,2,0	-	-	-	-	-	-	0,4,0	-	-	-	-
Std Dev.	9.209	6.910	10.568	13.891	6.083	35.355	1.722	3.000	6.022	1.061	-	-	-
Coeff Var	35.636	26.788	31.799	65.580	46.790	101.015	14.157	12.766	34.865	7.341	-	-	-
GX6 - Reference Sample													
Minimum	75.00	76.00	88.00	60.00	60.00	60.00	85.00	100.00	50.00	-	-	-	100.00
Maximum	135.00	145.00	132.00	110.00	71.00	150.00	99.00	110.00	200.00	-	-	-	105.00
Mean	107.71	112.79	112.06	93.91	65.50	105.00	94.00	107.50	115.26	-	-	-	102.50
Number	17	33	17	11	4	2	6	4	35	-	-	-	2
N, L, G	-	-	-	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	13.678	15.126	13.763	12.365	6.351	63.640	5.138	5.000	45.047	-	-	-	3.536
Coeff Var	12.700	13.411	12.282	13.167	9.696	60.609	5.466	4.651	39.084	-	-	-	3.449

Table 3. Statistical summary of geochemical data, analyses of Lead (Pb) in ppm.

Analysis	XRF
Digestion	30
GX1 - Reference Sample	
Minimum	227.00
Maximum	801.00
Mean	549.67
Number	6
N, L, G	-
Std Dev.	254.817
Coeff Var	46.359
GX2 - Reference Sample	
Minimum	625.00
Maximum	806.00
Mean	712.30
Number	10
N, L, G	-
Std Dev.	58.617
Coeff Var	8.229
GX3 - Reference Sample	
Minimum	4.00
Maximum	40.00
Mean	24.40
Number	5
N, L, G	0,3,0
Std Dev.	15.209
Coeff Var	62.330
GX4 - Reference Sample	
Minimum	13.00
Maximum	68.00
Mean	45.12
Number	8
N, L, G	-
Std Dev.	20.587
Coeff Var	45.623
GX5 - Reference Sample	
Minimum	12.00
Maximum	70.00
Mean	26.63
Number	8
N, L, G	-
Std Dev.	21.360
Coeff Var	80.227
GX6 - Reference Sample	
Minimum	79.00
Maximum	113.00
Mean	97.00
Number	10
N, L, G	-
Std Dev.	12.552
Coeff Var	12.940

Table 3. Statistical summary of geochemical data, analyses of Lithium (Li) in ppm.

Analysis	AA	AA	AA	AA	AA	AA	AA	AA	EMS	FMS
Digestion	10	12	13 18	26	3	7	8	9		12
GX1 - Reference Sample										
Minimum	8.00	4.00	7.00	8.00	7.50	-	7.00	7.00	-	5.00
Maximum	8.00	11.00	18.00	8.90	7.60	-	10.00	10.00	-	6.00
Mean	8.00	7.22	12.50	8.45	7.55	-	8.50	9.25	-	5.50
Number	2	9	4	2	2	-	4	8	-	2
N, L, G	-	-	-	-	-	0,4,0	-	-	-	-
Std Dev.	-	2.386	5.802	.636	.071	-	1.732	1.165	-	.707
Coeff Var	-	33.041	46.418	7.532	.937	-	20.377	12.594	-	12.856
GX2 - Reference Sample										
Minimum	73.00	27.00	79.00	57.00	51.00	58.00	43.00	38.00	-	60.00
Maximum	73.00	58.00	87.00	58.00	52.00	60.00	70.00	62.00	-	61.00
Mean	73.00	46.90	83.00	57.50	51.50	59.50	56.33	53.75	-	60.50
Number	2	10	4	2	2	4	6	8	-	2
N, L, G	-	-	-	-	-	-	-	-	0,4,0	-
Std Dev.	-	10.093	3.266	.707	.707	1.000	11.690	8.615	-	.707
Coeff Var	-	21.521	3.935	1.230	1.373	1.681	20.752	16.027	-	1.169
GX3 - Reference Sample										
Minimum	105.00	71.00	140.00	130.00	110.00	142.00	130.00	105.00	-	97.00
Maximum	105.00	116.00	150.00	134.00	112.00	151.00	160.00	140.00	-	99.00
Mean	105.00	90.40	145.00	132.00	111.00	148.00	142.50	116.50	-	98.00
Number	2	10	4	2	2	4	4	8	-	2
N, L, G	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	19.951	5.774	2.828	1.414	4.243	15.000	14.619	-	1.414
Coeff Var	-	22.070	3.982	2.143	1.274	2.867	10.526	12.548	-	1.443
GX4 - Reference Sample										
Minimum	13.00	7.00	11.00	11.00	11.00	-	10.00	9.00	-	11.00
Maximum	13.00	12.00	14.00	13.00	12.00	-	20.00	13.00	-	11.00
Mean	13.00	10.30	13.00	12.00	11.50	-	15.00	11.00	-	11.00
Number	2	10	4	2	2	-	4	8	-	2
N, L, G	-	-	-	-	-	0,4,0	-	-	0,4,0	-
Std Dev.	-	2.003	1.414	1.414	.707	-	5.774	1.414	-	-
Coeff Var	-	19.444	10.879	11.785	6.149	-	38.490	12.856	-	-
GX5 - Reference Sample										
Minimum	50.00	27.00	62.00	44.00	39.00	39.00	33.00	30.00	-	39.00
Maximum	55.00	43.00	71.00	44.00	41.00	42.00	50.00	46.00	-	41.00
Mean	52.50	36.78	66.75	44.00	40.00	40.25	41.17	40.38	-	40.00
Number	2	9	4	2	2	4	6	8	-	2
N, L, G	-	-	-	-	-	-	-	-	0,4,0	-
Std Dev.	3.536	6.016	4.425	-	1.414	1.500	7.441	6.435	-	1.414
Coeff Var	6.734	16.358	6.630	-	3.536	3.727	18.075	15.938	-	3.536
GX6 - Reference Sample										
Minimum	33.00	19.00	43.00	34.00	31.00	23.00	30.00	30.00	-	27.00
Maximum	39.00	36.00	47.00	37.00	33.00	26.00	40.00	36.00	-	29.00
Mean	36.00	27.60	45.50	35.50	32.00	24.00	36.25	34.25	-	28.00
Number	2	10	4	2	2	4	4	8	-	2
N, L, G	-	-	-	-	-	-	-	-	0,4,0	-
Std Dev.	4.243	5.758	1.915	2.121	1.414	1.414	4.787	2.435	-	1.414
Coeff Var	11.785	20.863	4.208	5.976	4.419	5.893	13.206	7.109	-	5.051

Table 3. Statistical summary of geochemical data, analyses of Loss on ignition in percent.

Analysis	
Digestion	32
GX1 - Reference Sample	
Minimum	3.50
Maximum	6.04
Mean	4.95
Number	23
N, L, G	-
Std Dev.	.736
Coeff Var	14.885
GX2 - Reference Sample	
Minimum	6.70
Maximum	10.02
Mean	8.48
Number	23
N, L, G	-
Std Dev.	1.077
Coeff Var	12.701
GX3 - Reference Sample	
Minimum	10.30
Maximum	17.85
Mean	14.24
Number	23
N, L, G	-
Std Dev.	1.938
Coeff Var	13.608
GX4 - Reference Sample	
Minimum	.28
Maximum	4.48
Mean	3.12
Number	21
N, L, G	-
Std Dev.	1.624
Coeff Var	52.021
GX5 - Reference Sample	
Minimum	5.35
Maximum	9.23
Mean	7.62
Number	23
N, L, G	-
Std Dev.	1.289
Coeff Var	16.906
GX6 - Reference Sample	
Minimum	5.30
Maximum	8.66
Mean	6.90
Number	20
N, L, G	-
Std Dev.	1.203
Coeff Var	17.432

Table 3. Statistical summary of geochemical data, analyses of Lutetium (Lu) in ppm.

Analysis Digestion	EMS	MS	NAA
GX1 - Reference Sample			
Minimum	-	.44	.34
Maximum	-	.80	.42
Mean	-	.62	.37
Number	-	2	6
N, L, G	0,4,0	-	-
Std Dev.	-	.255	.028
Coeff Var	-	41.058	7.650
GX2 - Reference Sample			
Minimum	-	.16	.28
Maximum	-	.22	.66
Mean	-	.19	.38
Number	-	2	6
N, L, G	0,4,0	-	-
Std Dev.	-	.042	.137
Coeff Var	-	22.329	35.680
GX3 - Reference Sample			
Minimum	-	.44	.15
Maximum	-	.57	.18
Mean	-	.51	.17
Number	-	2	6
N, L, G	0,4,0	-	-
Std Dev.	-	.092	.014
Coeff Var	-	18.202	8.354
GX4 - Reference Sample			
Minimum	-	.29	.16
Maximum	-	.40	.20
Mean	-	.35	.18
Number	-	2	6
N, L, G	0,4,0	-	-
Std Dev.	-	.078	.013
Coeff Var	-	22.545	7.317
GX5 - Reference Sample			
Minimum	-	.22	.23
Maximum	-	.38	.30
Mean	-	.30	.26
Number	-	2	6
N, L, G	0,4,0	-	-
Std Dev.	-	.113	.026
Coeff Var	-	37.712	10.029
GX6 - Reference Sample			
Minimum	-	.23	.32
Maximum	-	.57	.36
Mean	-	.40	.34
Number	-	2	6
N, L, G	0,4,0	-	-
Std Dev.	-	.240	.015
Coeff Var	-	60.104	4.384

Table 3. Statistical summary of geochemical data, analyses of Magnesium (Mg) in percent.

Analysis		AA	AA	AA	AA	AA	AA	AA	EMS	TITR	XRF	XRF
Digestion	32	10	11	12	23	3	7	8	9 23		5	23	30
GX1 - Reference Sample													
Minimum	.78	.21	.22	.20	.18	.24	.15	.21	.22	.07	1.07	.25	.19
Maximum	.78	.27	.22	.26	.43	.27	.19	.25	.22	.40	1.17	.46	.31
Mean	.78	.24	.22	.22	.28	.26	.17	.23	.22	.19	1.12	.36	.25
Number	1	3	2	6	3	2	5	10	2	26	2	4	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	.030	-	.029	.131	.021	.014	.017	-	.088	.071	.103	.085
Coeff Var	-	12.485	-	13.260	46.647	8.286	7.868	7.521	-	46.080	6.314	28.391	33.941
GX2 - Reference Sample													
Minimum	.51	.73	.80	.73	.80	.96	.28	.55	.82	.50	.95	.79	.87
Maximum	.51	.89	.80	.79	.85	1.02	.50	.93	.84	1.50	1.27	.82	.90
Mean	.51	.79	.80	.76	.82	.99	.41	.79	.83	.86	1.11	.80	.89
Number	1	3	2	6	3	2	5	10	2	26	2	4	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	.085	-	.028	.027	.039	.110	.132	.013	.211	.228	.013	.021
Coeff Var	-	10.763	-	3.682	3.283	3.917	26.704	16.699	1.536	24.616	20.604	1.579	2.396
GX3 - Reference Sample													
Minimum	.24	.72	.79	.76	.78	.96	.69	.78	.81	.30	9.50	.83	.89
Maximum	.60	.82	.79	.84	.82	1.02	.85	.90	.83	1.30	16.88	1.65	.93
Mean	.42	.76	.79	.79	.80	.99	.77	.85	.82	.81	13.19	1.24	.91
Number	2	3	2	6	3	2	5	10	2	26	2	4	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.255	.052	.001	.032	.021	.039	.061	.039	.017	.283	5.218	.430	.028
Coeff Var	60.609	6.892	.087	4.073	2.633	3.917	7.868	4.620	2.068	34.959	39.564	34.563	3.108
GX4 - Reference Sample													
Minimum	.87	1.50	1.60	1.60	1.65	1.99	1.21	.96	1.64	1.00	1.74	1.46	-
Maximum	1.15	1.75	1.60	1.72	1.73	2.05	1.70	1.91	1.66	5.00	2.20	1.57	-
Mean	1.01	1.62	1.60	1.65	1.70	2.02	1.46	1.62	1.65	1.78	1.97	1.53	-
Number	2	3	2	6	3	2	5	11	2	26	2	4	-
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.198	.126	.001	.053	.046	.042	.215	.326	.014	.780	.325	.050	-
Coeff Var	19.603	7.783	.043	3.207	2.710	2.101	14.689	20.178	.856	43.891	16.511	3.258	-
GX5 - Reference Sample													
Minimum	.15	1.10	1.10	1.10	1.18	1.45	.44	.61	1.18	.70	1.31	1.04	1.20
Maximum	.60	1.24	1.10	1.14	1.22	1.45	.68	1.40	1.19	3.00	1.74	1.16	1.39
Mean	.38	1.15	1.10	1.13	1.20	1.45	.58	1.11	1.18	1.35	1.52	1.09	1.30
Number	2	3	2	6	3	2	5	10	2	26	2	4	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.318	.081	.001	.016	.020	-	.118	.272	.007	.501	.304	.055	.134
Coeff Var	84.853	7.049	.063	1.415	1.666	-	20.456	24.474	.594	37.034	19.938	5.058	10.375
GX6 - Reference Sample													
Minimum	.33	.54	.57	.57	.58	.78	.29	.29	.51	.30	.74	.52	.65
Maximum	.96	.62	.57	.68	.63	.78	.45	.70	.63	1.00	1.14	.60	.67
Mean	.64	.56	.57	.61	.61	.78	.36	.54	.57	.68	.94	.56	.66
Number	2	3	2	6	3	2	5	10	2	26	2	4	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.445	.043	-	.044	.028	-	.072	.154	.081	.179	.286	.031	.014
Coeff Var	69.066	7.664	-	7.171	4.535	-	20.252	28.361	14.142	26.089	30.455	5.519	2.144

Table 3. Statistical summary of geochemical data, analyses of Magnesium Oxide (MgO) in percent

Analysis	AA	AA	EMS	MICR	XRF	XRF
Digestion	10	21 23		23	23	30
GX1 - Reference Sample						
Minimum	.30	.50	.28	.39	.32	.14
Maximum	.34	.50	.37	.41	.73	.54
Mean	.32	.50	.32	.40	.53	.28
Number	4	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.017	-	.039	.014	.138	.173
Coeff Var	5.498	-	12.164	3.535	25.907	61.724
GX2 - Reference Sample						
Minimum	1.01	1.40	1.50	1.41	1.43	1.07
Maximum	1.16	1.40	1.80	1.44	1.72	1.75
Mean	1.09	1.40	1.68	1.42	1.59	1.31
Number	4	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.078	.001	.150	.021	.085	.301
Coeff Var	7.216	.049	8.955	1.488	5.369	22.889
GX3 - Reference Sample						
Minimum	.99	1.40	1.80	1.44	1.24	.40
Maximum	1.13	1.40	2.20	1.47	1.82	1.43
Mean	1.06	1.40	1.95	1.45	1.61	.81
Number	4	2	4	2	12	7
N, L, G	-	-	-	-	-	-
Std Dev.	.081	.001	.191	.021	.182	.498
Coeff Var	7.625	.049	9.820	1.459	11.290	61.727
GX4 - Reference Sample						
Minimum	2.75	2.90	3.70	2.69	2.88	2.07
Maximum	2.75	2.90	4.10	2.74	3.23	3.15
Mean	2.75	2.90	3.85	2.72	3.02	2.47
Number	3	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	-	-	.173	.035	.126	.494
Coeff Var	-	-	4.499	1.303	4.189	20.022
GX5 - Reference Sample						
Minimum	1.50	1.90	2.30	2.05	1.98	1.34
Maximum	2.00	2.10	2.80	2.11	2.35	2.42
Mean	1.75	2.00	2.65	2.08	2.21	1.76
Number	4	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.204	.141	.238	.042	.113	.503
Coeff Var	11.664	7.072	8.983	2.040	5.105	28.564
GX6 - Reference Sample						
Minimum	.70	1.10	1.20	1.05	1.03	.70
Maximum	.73	1.10	1.40	1.11	1.34	1.27
Mean	.71	1.10	1.32	1.08	1.19	.91
Number	4	2	4	2	13	7
N, L, G	-	-	-	-	-	-
Std Dev.	.015	.001	.096	.042	.098	.255
Coeff Var	2.123	.063	7.226	3.928	8.182	28.155

Table 3. Statistical summary of geochemical data, analyses of Manganese (Mn) in ppm.

Analysis		AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	32	1	10	11 18	12	13	14	15	23 4	26	3	4	5
GX1 - Reference Sample													
Minimum	390.00	905.00	638.00	700.00	850.00	770.00	820.00	1100.00	780.00	870.00	804.00	604.00	632.76
Maximum	390.00	914.00	3100.00	700.00	870.00	955.00	1170.00	1100.00	780.00	910.00	844.00	1010.00	1200.00
Mean	390.00	909.50	1106.19	700.00	860.00	871.00	966.00	1100.00	780.00	890.00	824.00	752.57	817.79
Number	1	2	16	1	2	10	8	2	2	2	2	10	22
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	6.364	786.207	-	14.142	57.710	142.732	-	-	28.284	28.284	115.065	132.551
Coeff Var	-	.700	71.074	-	1.644	6.626	14.776	-	-	3.178	3.433	15.290	16.208
GX2 - Reference Sample													
Minimum	390.00	997.00	663.00	800.00	840.00	880.00	753.00	1200.00	860.00	970.00	888.00	650.00	795.00
Maximum	390.00	1000.00	3500.00	800.00	960.00	1070.00	1350.00	1300.00	860.00	980.00	998.00	1240.00	1300.00
Mean	390.00	998.50	1208.06	800.00	900.00	949.70	998.25	1250.00	860.00	975.00	943.00	879.47	943.20
Number	1	2	16	1	2	10	8	2	2	2	2	11	22
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	2.121	884.346	-	84.853	66.486	222.124	70.711	-	7.071	77.782	145.670	114.188
Coeff Var	-	.212	73.204	-	9.428	7.001	22.251	5.657	-	.725	8.248	16.563	12.106
GX3 - Reference Sample													
Minimum	11600.00	22100.00	1360.00	17600.00	22000.00	11680.00	20450.00	32000.00	23400.00	22780.00	22700.00	2197.00	6000.00
Maximum	23100.00	23400.00	110000.00	17600.00	23000.00	24780.00	31150.00	32000.00	23400.00	23840.00	23550.00	4497.90	26000.00
Mean	17350.00	22750.00	28464.62	17600.00	22500.00	20812.50	24853.75	32000.00	23400.00	23310.00	23125.00	3209.18	21054.99
Number	2	2	13	1	2	10	8	2	2	2	2	10	22
N, L, G	-	-	0,0,2	-	-	-	-	-	-	-	-	-	0,0,2
Std Dev.	8131.723	919.269	35280.336	-	707.084	4928.145	4116.688	-	-	749.528	601.119	1029.021	5546.344
Coeff Var	46.869	4.041	123.945	-	3.143	23.679	16.564	-	-	3.215	2.599	32.065	26.342
GX4 - Reference Sample													
Minimum	-	140.00	135.00	150.00	140.00	150.00	110.00	180.00	210.00	145.00	150.00	60.00	110.00
Maximum	-	141.00	550.00	150.00	160.00	232.00	184.00	190.00	210.00	154.00	168.00	411.15	225.00
Mean	-	140.50	200.75	150.00	150.00	168.00	137.50	185.00	210.00	149.50	159.00	138.72	144.00
Number	-	2	16	1	2	10	8	2	2	2	2	11	20
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	.707	136.774	-	14.142	23.443	28.800	7.071	-	6.364	12.728	96.426	31.486
Coeff Var	-	.503	68.132	-	9.428	13.954	20.945	3.822	-	4.257	8.005	69.511	21.865
GX5 - Reference Sample													
Minimum	-	248.00	235.00	212.00	270.00	274.00	180.00	310.00	300.00	320.00	274.00	75.00	200.00
Maximum	-	248.00	1000.00	212.00	285.00	340.00	306.00	340.00	300.00	320.00	291.00	221.86	330.00
Mean	-	248.00	379.63	212.00	277.50	305.67	236.88	325.00	300.00	320.00	282.50	177.82	239.91
Number	-	2	16	1	2	9	8	2	2	2	2	10	22
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	-	246.039	-	10.607	21.196	49.424	21.213	-	-	12.021	53.975	41.129
Coeff Var	-	-	64.811	-	3.822	6.934	20.865	6.527	-	-	4.255	30.355	17.143
GX6 - Reference Sample													
Minimum	770.00	1046.00	715.00	900.00	845.00	675.00	797.00	1200.00	1030.00	1030.00	887.00	240.00	595.00
Maximum	770.00	1047.00	3600.00	900.00	850.00	1145.00	1370.00	1300.00	1030.00	1040.00	1000.00	891.20	1065.00
Mean	770.00	1046.50	1207.56	900.00	847.50	912.90	1031.50	1250.00	1030.00	1035.00	943.50	687.21	860.25
Number	2	2	16	1	2	10	8	2	2	2	2	10	22
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	.707	924.353	-	3.536	158.447	234.580	70.711	-	7.071	79.903	239.660	128.024
Coeff Var	-	.068	76.547	-	.417	17.356	22.742	5.657	-	.683	8.469	34.874	14.882

Table 3. Statistical summary of geochemical data, analyses of Manganese (Mn) in ppm.

Analysis	AA	AA	AA	AA	COLO	COLO	DCP	DCP	EMS	XRF	XRF	XRF	XRF
Digestion	6	7	8	9	24 1	24 4	6 13	9 18		23	23 25	24	30
GX1 - Reference Sample													
Minimum	-	530.00	880.00	875.00	620.00	500.00	904.00	680.00	200.00	865.00	1200.00	930.00	756.00
Maximum	-	1040.00	930.00	1000.00	2000.00	900.00	1025.00	860.00	4300.00	905.00	1400.00	950.00	1430.00
Mean	-	828.29	902.92	943.75	1347.50	687.50	979.17	755.00	996.71	885.00	1300.00	940.00	926.10
Number	-	21	13	8	4	4	6	4	35	2	2	2	10
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	147.614	18.558	49.624	755.927	217.466	42.193	85.829	696.921	28.284	141.421	14.142	242.595
Coeff Var	-	17.822	2.055	5.258	56.098	31.631	4.309	11.368	69.922	3.196	10.879	1.504	26.195
GX2 - Reference Sample													
Minimum	900.00	610.00	520.00	950.00	930.00	900.00	1053.00	1100.00	400.00	1000.00	315.00	-	910.00
Maximum	1100.00	1080.00	1109.00	1100.00	3000.00	960.00	1142.00	1100.00	2250.00	1000.00	400.00	-	1175.00
Mean	987.50	895.67	968.16	1016.25	1877.50	930.00	1105.00	1100.00	1098.43	1000.00	357.50	-	1075.50
Number	4	21	19	8	4	2	7	4	35	2	2	-	8
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	85.391	127.229	128.784	56.553	1029.769	42.426	37.932	-	428.262	-	60.104	-	81.735
Coeff Var	8.647	14.205	13.302	5.565	54.848	4.562	3.433	-	38.989	-	16.812	-	7.600
GX3 - Reference Sample													
Minimum	8300.00	4904.00	15300.00	22900.00	24400.00	17000.00	21567.00	19000.00	4000.00	-	15000.00	25700.00	17820.00
Maximum	11000.00	26100.00	24900.00	24400.00	50000.00	22000.00	25050.00	20000.00	33000.00	-	16000.00	25900.00	24000.00
Mean	9825.00	15435.00	21721.43	23750.00	37200.00	19375.00	23504.50	19750.00	20000.00	-	15500.00	25800.00	21120.00
Number	4	20	14	8	4	4	6	4	21	-	2	2	6
N, L, G	-	-	-	-	-	-	-	-	0,0,14	0,0,2	-	-	-
Std Dev.	1120.647	8398.195	2813.186	520.712	14780.203	2495.795	1433.752	499.856	8779.238	-	707.084	141.760	2337.358
Coeff Var	11.406	54.410	12.951	2.192	39.732	12.882	6.100	2.531	43.896	-	4.562	.549	11.067
GX4 - Reference Sample													
Minimum	150.00	109.00	130.00	150.00	230.00	120.00	148.00	140.00	70.00	115.00	-	-	190.00
Maximum	170.00	245.00	214.00	200.00	400.00	180.00	198.00	170.00	500.00	125.00	-	-	256.00
Mean	162.50	140.90	159.57	166.88	335.00	150.00	168.33	155.00	197.26	120.00	-	-	227.00
Number	4	21	14	8	4	2	6	4	35	2	-	-	4
N, L, G	-	-	-	-	-	-	-	-	-	-	0,2,0	-	0,2,0
Std Dev.	8.660	33.599	23.986	20.863	81.854	42.426	20.255	12.910	103.204	7.071	-	-	28.775
Coeff Var	5.329	23.845	15.032	12.502	24.434	28.284	12.033	8.329	52.320	5.893	-	-	12.676
GX5 - Reference Sample													
Minimum	220.00	160.00	244.00	265.00	310.00	260.00	285.00	310.00	150.00	295.00	85.00	-	155.00
Maximum	270.00	275.00	340.00	350.00	900.00	300.00	325.00	330.00	670.00	300.00	90.00	-	390.00
Mean	247.50	220.14	298.11	310.63	530.00	280.00	302.50	317.50	348.26	297.50	87.50	-	328.00
Number	4	21	18	8	4	2	6	4	35	2	2	-	8
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	26.300	35.240	28.249	30.524	282.017	28.284	16.778	9.574	164.550	3.536	3.536	-	106.815
Coeff Var	10.626	16.008	9.476	9.827	53.211	10.102	5.546	3.016	47.249	1.188	4.041	-	32.566
GX6 - Reference Sample													
Minimum	1000.00	620.00	840.00	1000.00	800.00	1000.00	983.00	1200.00	300.00	1015.00	440.00	-	1014.00
Maximum	1100.00	1170.00	1120.00	1200.00	1500.00	1050.00	1133.00	1300.00	2000.00	1085.00	510.00	-	1210.00
Mean	1030.00	902.85	1013.43	1093.75	1080.00	1025.00	1040.83	1225.00	1156.03	1050.00	475.00	-	1116.25
Number	4	20	14	8	4	2	6	4	34	2	2	-	8
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	47.610	167.884	89.788	76.521	296.985	35.355	50.157	50.000	418.612	49.497	49.497	-	61.130
Coeff Var	4.622	18.595	8.860	6.996	27.499	3.449	4.819	4.082	36.211	4.714	10.421	-	5.476

Table 3. Statistical summary of geochemical data, analyses of Manganese Monoxide (MnO) in percent.

Analysis	AA	EMS	MICR	XRF	XRF
Digestion	21 23		23	23	30
GX1 - Reference Sample					
Minimum	.14	.16	.11	.10	.10
Maximum	.14	.21	.12	.13	.13
Mean	.14	.17	.12	.11	.11
Number	2	4	2	9	7
N, L, G	-	-	-	-	-
Std Dev.	.000	.025	.007	.010	.010
Coeff Var	.123	14.493	6.149	8.859	8.815
GX2 - Reference Sample					
Minimum	.14	.19	.13	.13	.13
Maximum	.14	.25	.15	.15	.15
Mean	.14	.22	.14	.14	.13
Number	2	4	2	9	7
N, L, G	-	-	-	-	-
Std Dev.	.000	.025	.014	.005	.011
Coeff Var	.123	11.494	10.102	3.569	8.183
GX3 - Reference Sample					
Minimum	3.27	4.10	2.97	2.71	1.90
Maximum	3.27	4.30	3.15	2.89	3.40
Mean	3.27	4.15	3.06	2.82	2.48
Number	2	4	2	8	7
N, L, G	-	-	-	-	-
Std Dev.	-	.100	.127	.055	.725
Coeff Var	-	2.406	4.159	1.934	29.218
GX4 - Reference Sample					
Minimum	.04	.04	-	.01	.02
Maximum	.04	.05	-	.04	.02
Mean	.04	.04	-	.02	.02
Number	2	4	-	9	7
N, L, G	-	-	0,2,0	-	-
Std Dev.	.000	.007	-	.008	.002
Coeff Var	.108	15.837	-	37.030	10.640
GX5 - Reference Sample					
Minimum	.05	.08	.05	.04	.04
Maximum	.05	.09	.05	.04	.04
Mean	.05	.08	.05	.04	.04
Number	2	4	2	9	7
N, L, G	-	-	-	-	-
Std Dev.	-	.002	-	-	.002
Coeff Var	-	2.015	-	-	3.898
GX6 - Reference Sample					
Minimum	.13	.21	.13	.14	.13
Maximum	.13	.26	.14	.15	.16
Mean	.13	.24	.13	.15	.14
Number	2	4	2	9	7
N, L, G	-	-	-	-	-
Std Dev.	-	.026	.007	.005	.011
Coeff Var	-	11.073	5.238	3.411	7.693

Table 3. Statistical summary of geochemical data, analyses of Manganese Oxide (Mn3O4) in percent.

Analysis	XRF
Digestion	23
GX1 - Reference Sample	
Minimum	.09
Maximum	.12
Mean	.11
Number	4
N, L, G	-
Std Dev.	.013
Coeff Var	11.705
GX2 - Reference Sample	
Minimum	.15
Maximum	.16
Mean	.15
Number	4
N, L, G	-
Std Dev.	.005
Coeff Var	3.278
GX3 - Reference Sample	
Minimum	3.89
Maximum	3.94
Mean	3.92
Number	4
N, L, G	-
Std Dev.	.024
Coeff Var	.600
GX4 - Reference Sample	
Minimum	.03
Maximum	.03
Mean	.03
Number	4
N, L, G	-
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	.04
Maximum	.05
Mean	.05
Number	4
N, L, G	-
Std Dev.	.006
Coeff Var	12.830
GX6 - Reference Sample	
Minimum	.15
Maximum	.15
Mean	.15
Number	4
N, L, G	-
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Mercury (Hg) in ppm.

Analysis		AA	COLO	FAA	FAAV	FAAV	FAAV	FAAV	FAAV	FAAV	FAAV	FLUR
Digestion	32	5	2	32		18	29	29 33	32	5	7 18	18 4
GX1 - Reference Sample												
Minimum	-	-	2.73	4.20	.14	4.61	2.80	4.00	4.10	1.39	-	4.00
Maximum	-	-	4.70	4.60	3.48	4.63	4.90	4.00	4.40	6.35	-	4.50
Mean	-	-	3.72	4.40	2.59	4.62	3.42	4.00	4.22	4.01	-	4.25
Number	-	-	2	2	4	2	5	1	4	9	-	2
N, L, G	-	-	-	-	-	-	-	-	-	-	0,2,0	-
Std Dev.	-	-	1.393	.283	1.633	.014	.870	-	.126	1.701	-	.354
Coeff Var	-	-	37.497	6.428	63.102	.305	25.440	-	2.980	42.379	-	8.319
GX2 - Reference Sample												
Minimum	3.00	2.73	3.85	3.10	.07	3.84	1.70	3.00	2.90	1.26	.07	3.00
Maximum	3.00	2.73	4.50	3.50	3.25	3.98	3.80	3.00	3.20	5.95	.09	3.10
Mean	3.00	2.73	4.18	3.30	2.28	3.91	2.63	3.00	3.07	3.42	.08	3.05
Number	1	1	2	2	4	2	5	1	4	9	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	-	.460	.283	1.492	.099	.826	-	.126	1.650	.014	.071
Coeff Var	-	-	11.009	8.571	65.424	2.532	31.359	-	4.092	48.193	17.678	2.318
GX3 - Reference Sample												
Minimum	.30	.31	.50	.32	.04	.34	.05	.35	.43	.12	.01	.36
Maximum	.30	.31	.66	.32	.10	.39	.32	.35	.45	1.10	.01	.40
Mean	.30	.31	.58	.32	.06	.37	.19	.35	.44	.47	.01	.38
Number	1	1	2	2	4	2	5	1	4	9	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	-	.113	.006	.024	.035	.123	-	.012	.357	.000	.028
Coeff Var	-	-	19.507	1.761	38.389	9.686	64.255	-	2.623	75.197	.108	7.443
GX4 - Reference Sample												
Minimum	-	-	.35	.11	.05	.03	.05	.12	.10	.03	.01	.12
Maximum	-	-	.47	.13	.10	.03	.11	.12	.13	.60	.01	.12
Mean	-	-	.41	.12	.08	.03	.08	.12	.12	.17	.01	.12
Number	-	-	2	2	4	2	5	1	4	9	1	2
N, L, G	-	-	-	-	-	-	-	-	-	-	0,1,0	-
Std Dev.	-	-	.085	.011	.022	.000	.025	-	.013	.196	-	.000
Coeff Var	-	-	20.696	9.507	28.497	.036	32.034	-	11.226	116.576	-	.036
GX5 - Reference Sample												
Minimum	.15	.20	1.31	.17	.09	.18	.05	.16	.20	.04	-	.15
Maximum	.15	.20	1.56	.17	.17	.20	.60	.16	.21	.60	-	.15
Mean	.15	.20	1.44	.17	.14	.19	.16	.16	.20	.23	-	.15
Number	1	1	2	2	4	2	5	1	4	9	-	2
N, L, G	-	-	-	-	-	-	-	-	-	-	0,2,0	-
Std Dev.	-	-	.177	.003	.035	.014	.245	-	.005	.192	-	-
Coeff Var	-	-	12.319	1.692	25.508	7.443	151.165	-	2.469	83.504	-	-
GX6 - Reference Sample												
Minimum	.09	.10	.06	.08	.04	.08	-	.09	.11	.04	.01	.07
Maximum	.09	.10	.34	.08	.07	.08	-	.09	.12	.50	.01	.08
Mean	.09	.10	.20	.08	.05	.08	-	.09	.12	.14	.01	.07
Number	1	1	2	2	4	2	-	1	4	9	1	2
N, L, G	-	-	-	-	-	-	-	-	-	-	0,1,0	-
Std Dev.	-	-	.198	-	.015	-	-	-	.006	.156	-	.007
Coeff Var	-	-	98.995	-	30.571	-	-	-	5.020	111.084	-	9.428

Table 3. Statistical summary of geochemical data, analyses of Molybdenum (Mo) in ppm.

Analysis		AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	32	1	10	12	13	18 5	24 26	31 1	32	5	6	7	8
GX1 - Reference Sample													
Minimum	19.00	9.00	16.00	16.20	-	12.00	14.00	1.00	16.00	16.00	22.00	15.00	20.00
Maximum	19.00	10.00	27.00	22.00	-	17.00	16.00	1.00	80.00	70.00	28.00	44.00	26.00
Mean	19.00	9.50	21.25	18.40	-	14.50	15.00	1.00	39.00	25.30	26.50	28.17	22.67
Number	1	2	4	4	-	2	2	2	5	18	4	6	3
N, L, G	-	-	0,4,0	-	-	-	-	-	-	-	-	0,2,0	-
Std Dev.	-	.707	5.560	2.718	-	3.536	1.414	-	29.206	15.568	3.000	12.222	3.055
Coeff Var	-	7.443	26.166	14.771	-	24.383	9.428	-	74.888	61.532	11.321	43.390	13.478
GX2 - Reference Sample													
Minimum	.60	-	2.00	1.30	-	2.00	2.00	1.00	2.00	2.00	3.00	2.00	26.00
Maximum	.60	-	8.00	1.40	-	3.00	2.00	1.00	40.00	40.00	3.00	10.00	26.00
Mean	.60	-	4.62	1.35	-	2.50	2.00	1.00	17.60	9.73	3.00	6.33	26.00
Number	1	-	4	2	-	2	1	2	5	15	2	6	1
N, L, G	-	0,2,0	0,4,0	0,2,0	-	-	0,1,0	-	-	-	0,2,0	0,2,0	0,2,0
Std Dev.	-	-	2.689	.071	-	.707	-	-	20.465	13.509	-	3.670	-
Coeff Var	-	-	58.134	5.238	-	28.284	-	-	116.276	138.792	-	57.943	-
GX3 - Reference Sample													
Minimum	5.10	5.00	6.00	5.70	-	5.00	-	2.00	10.00	7.00	6.00	2.00	12.00
Maximum	5.10	5.00	11.00	12.00	-	7.00	-	2.00	80.00	75.00	9.00	20.00	15.60
Mean	5.10	5.00	8.75	7.85	-	6.00	-	2.00	43.00	20.47	8.00	11.00	13.20
Number	1	2	4	4	-	2	-	2	4	15	4	6	3
N, L, G	-	-	0,4,0	-	-	-	0,2,0	-	0,1,0	-	-	0,2,0	-
Std Dev.	-	-	2.630	2.972	-	1.414	-	-	37.184	23.525	1.414	7.537	2.078
Coeff Var	-	-	30.057	37.854	-	23.570	-	-	86.475	114.941	17.678	68.514	15.746
GX4 - Reference Sample													
Minimum	370.00	330.00	337.00	310.00	340.00	314.00	260.00	250.00	367.00	220.00	270.00	206.00	346.00
Maximum	370.00	330.00	408.00	343.00	350.00	316.00	265.00	250.00	860.00	510.00	445.00	712.00	500.00
Mean	370.00	330.00	378.38	326.00	345.00	315.00	262.50	250.00	566.00	367.22	351.33	399.25	448.67
Number	1	2	8	4	2	2	2	2	5	18	6	8	3
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	-	33.248	18.493	7.071	1.414	3.536	-	268.392	70.946	73.680	196.866	88.912
Coeff Var	-	-	8.787	5.673	2.050	.449	1.347	-	47.419	19.320	20.971	49.309	19.817
GX5 - Reference Sample													
Minimum	40.00	32.00	36.00	32.00	25.00	32.00	30.00	22.00	30.00	30.00	20.00	22.00	41.00
Maximum	40.00	36.00	58.00	41.00	28.00	34.00	32.00	23.00	80.00	80.00	48.00	67.00	52.00
Mean	40.00	34.00	47.62	35.75	26.50	33.00	31.00	22.50	54.20	40.22	36.50	41.63	48.33
Number	1	2	8	4	2	2	2	2	5	18	6	8	3
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	2.828	7.425	4.500	2.121	1.414	1.414	.707	23.942	15.156	11.274	17.270	6.351
Coeff Var	-	8.319	15.590	12.587	8.005	4.285	4.562	3.143	44.173	37.681	30.887	41.491	13.140
GX6 - Reference Sample													
Minimum	1.60	-	6.00	2.10	-	3.00	2.00	1.00	5.00	2.00	5.00	2.00	5.20
Maximum	1.60	-	17.00	3.00	-	4.00	2.00	1.00	50.00	50.00	5.00	19.00	5.20
Mean	1.60	-	10.50	2.47	-	3.50	2.00	1.00	25.25	10.67	5.00	11.20	5.20
Number	1	-	5	3	-	2	2	2	4	15	2	5	1
N, L, G	-	0,2,0	0,1,0	0,1,0	0,2,0	-	-	-	0,1,0	-	0,2,0	0,3,0	0,2,0
Std Dev.	-	-	4.387	.473	-	.707	-	-	23.171	16.312	-	6.611	-
Coeff Var	-	-	41.786	19.159	-	20.203	-	-	91.768	152.929	-	59.023	-

Table 3. Statistical summary of geochemical data, analyses of Molybdenum (Mo) in ppm.

Analysis	AA	COLO	COLO	COLO	COLO	COLO	COLO	COLO	COLO	COLO	COLO	COLO	COLO
Digestion	9	10	10 18	15	18 4	21	22	24	4	5	6	7	7 1
GX1 - Reference Sample													
Minimum	17.00	12.50	9.00	20.00	15.00	16.00	-	3.00	.10	6.50	9.00	14.00	3.40
Maximum	28.00	13.00	9.00	20.00	19.00	30.00	-	25.00	.10	24.00	200.00	15.00	18.00
Mean	22.50	12.75	9.00	20.00	17.00	25.75	-	14.32	.10	16.56	57.00	14.50	10.47
Number	6	2	1	2	2	4	-	28	2	8	4	2	4
N, L, G	-	-	-	-	-	-	-	0,2,0	-	-	-	-	-
Std Dev.	4.550	.354	-	-	2.828	6.652	-	5.893	.000	6.695	95.335	.707	6.135
Coeff Var	20.221	2.773	-	-	16.638	25.833	-	41.156	.043	40.420	167.253	4.877	58.566
GX2 - Reference Sample													
Minimum	-	-	-	8.00	-	2.00	-	.40	-	1.50	3.00	1.00	1.80
Maximum	-	-	-	8.00	-	5.00	-	3.00	-	4.00	3.00	1.00	2.50
Mean	-	-	-	8.00	-	2.75	-	1.57	-	2.55	3.00	1.00	2.02
Number	-	-	-	2	-	4	-	26	-	6	2	1	4
N, L, G	0,6,0	0,2,0	0,1,0	-	0,2,0	-	-	0,4,0	0,2,0	0,2,0	0,2,0	0,1,0	-
Std Dev.	-	-	-	-	-	1.500	-	.704	-	1.138	-	-	.330
Coeff Var	-	-	-	-	-	54.545	-	44.754	-	44.627	-	-	16.316
GX3 - Reference Sample													
Minimum	18.00	-	2.00	8.00	-	4.00	-	1.00	2.00	5.80	1.80	5.00	.60
Maximum	20.00	-	2.00	8.00	-	5.00	-	55.00	3.00	13.00	8.00	5.00	.80
Mean	19.00	-	2.00	8.00	-	4.50	-	9.88	2.50	8.80	5.05	5.00	.75
Number	2	-	1	2	-	2	-	27	2	6	4	2	4
N, L, G	0,4,0	0,2,0	-	-	0,2,0	-	-	0,1,0	-	0,2,0	-	-	-
Std Dev.	1.414	-	-	-	-	.707	-	12.837	.707	3.347	3.415	-	.100
Coeff Var	7.443	-	-	-	-	15.713	-	129.963	28.284	38.030	67.627	-	13.333
GX4 - Reference Sample													
Minimum	322.00	363.00	194.00	305.00	400.00	220.00	-	15.00	4.00	255.00	4.00	-	120.00
Maximum	345.00	375.00	194.00	310.00	431.00	320.00	-	400.00	5.00	362.00	480.00	-	137.00
Mean	332.67	369.00	194.00	307.50	415.50	275.00	-	212.60	4.50	315.67	127.00	-	132.75
Number	6	2	1	2	2	4	-	30	2	6	4	-	4
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	8.802	8.485	-	3.536	21.920	52.599	-	109.388	.707	44.374	235.454	-	8.500
Coeff Var	2.646	2.300	-	1.150	5.276	19.127	-	51.452	15.713	14.057	185.397	-	6.403
GX5 - Reference Sample													
Minimum	31.00	-	26.00	36.00	43.00	27.00	16.00	15.00	2.00	24.00	18.00	-	27.00
Maximum	50.00	-	26.00	36.00	45.00	40.00	18.00	50.00	7.00	38.00	30.00	-	29.00
Mean	37.83	-	26.00	36.00	44.00	33.75	17.00	28.13	4.50	28.74	24.00	-	27.75
Number	6	-	1	2	2	4	2	32	2	8	4	-	4
N, L, G	-	0,2,0	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	8.704	-	-	-	1.414	7.228	1.414	7.288	3.536	4.135	5.888	-	.957
Coeff Var	23.007	-	-	-	3.214	21.418	8.319	25.911	78.567	14.389	24.533	-	3.450
GX6 - Reference Sample													
Minimum	2.00	-	-	1.00	-	3.00	-	1.00	-	1.00	2.00	3.00	1.00
Maximum	2.00	-	-	2.00	-	5.00	-	6.00	-	3.00	3.00	4.00	2.70
Mean	2.00	-	-	1.50	-	4.00	-	2.38	-	2.06	2.70	3.50	2.10
Number	2	-	-	2	-	4	-	30	-	5	4	2	4
N, L, G	0,4,0	-	0,1,0	-	0,2,0	-	-	0,2,0	0,2,0	0,3,0	-	-	-
Std Dev.	-	-	-	.707	-	.816	-	1.315	-	.899	.476	.707	.762
Coeff Var	-	-	-	47.140	-	20.412	-	55.183	-	43.635	17.633	20.203	36.266

Table 3. Statistical summary of geochemical data, analyses of Molybdenum (Mo) in ppm.

Analysis	COLO	DCP	EMS	NAA	XRF	XRF
Digestion	8	6 13			23	30
GX1 - Reference Sample						
Minimum	15.00	15.00	3.00	15.00	26.00	18.00
Maximum	30.00	20.00	150.00	22.00	35.00	21.00
Mean	22.17	16.33	30.45	18.50	30.50	19.50
Number	6	6	31	6	2	2
N, L, G	-	-	0,6,0	-	-	-
Std Dev.	6.047	2.160	35.807	3.017	6.364	2.121
Coeff Var	27.280	13.226	117.586	16.306	20.865	10.879
GX2 - Reference Sample						
Minimum	3.60	-	1.30	4.00	12.00	-
Maximum	5.60	-	17.00	7.00	12.00	-
Mean	4.28	-	7.83	5.50	12.00	-
Number	4	-	7	2	2	-
N, L, G	0,2,0	0,6,0	0,30,0	0,4,0	-	0,4,0
Std Dev.	.907	-	6.903	2.121	-	-
Coeff Var	21.214	-	88.181	38.569	-	-
GX3 - Reference Sample						
Minimum	1.80	-	1.50	-	13.00	7.00
Maximum	5.00	-	150.00	-	13.00	9.00
Mean	3.40	-	13.09	-	13.00	8.00
Number	2	-	25	-	2	2
N, L, G	0,2,0	0,6,0	0,13,0	0,6,0	-	-
Std Dev.	2.263	-	28.861	-	-	1.414
Coeff Var	66.551	-	220.514	-	-	17.678
GX4 - Reference Sample						
Minimum	320.00	322.00	45.00	250.00	300.00	278.00
Maximum	442.00	360.00	1000.00	290.00	340.00	330.00
Mean	369.83	338.33	348.78	263.33	320.00	309.67
Number	6	6	37	6	2	6
N, L, G	-	-	-	-	-	-
Std Dev.	57.035	15.306	231.812	15.055	28.284	21.860
Coeff Var	15.422	4.524	66.463	5.717	8.839	7.059
GX5 - Reference Sample						
Minimum	37.00	32.00	5.00	23.00	30.00	28.00
Maximum	52.00	35.00	110.00	32.00	40.00	35.00
Mean	42.67	33.17	36.60	27.00	35.00	31.17
Number	6	6	35	5	2	6
N, L, G	-	-	0,3,0	-	-	-
Std Dev.	6.743	1.329	22.080	3.391	7.071	3.125
Coeff Var	15.804	4.008	60.329	12.560	20.203	10.027
GX6 - Reference Sample						
Minimum	2.00	-	1.00	-	10.00	3.00
Maximum	3.70	-	74.00	-	10.00	3.00
Mean	2.82	-	11.00	-	10.00	3.00
Number	6	-	10	-	2	2
N, L, G	-	0,6,0	0,28,0	0,6,0	-	0,2,0
Std Dev.	.763	-	22.321	-	-	-
Coeff Var	27.077	-	202.917	-	-	-

Table 3. Statistical summary of geochemical data, analyses of Neodymium (Nd) in ppm.

Analysis	EMS	MS	NAA	XRF
Digestion				23
GX1 - Reference Sample				
Minimum	10.00	6.40	14.00	5.60
Maximum	11.00	7.10	22.00	5.60
Mean	10.50	6.75	17.08	5.60
Number	2	2	6	1
N, L, G	0,4,0	-	-	-
Std Dev.	.707	.495	3.260	-
Coeff Var	6.734	7.333	19.081	-
GX2 - Reference Sample				
Minimum	19.00	14.40	20.00	15.00
Maximum	27.00	15.10	21.70	15.00
Mean	23.00	14.75	20.82	15.00
Number	2	2	6	1
N, L, G	0,4,0	-	-	-
Std Dev.	5.657	.495	.682	-
Coeff Var	24.595	3.357	3.278	-
GX3 - Reference Sample				
Minimum	-	9.10	8.10	.40
Maximum	-	9.50	10.00	.40
Mean	-	9.30	9.15	.40
Number	-	2	4	1
N, L, G	0,4,0	-	0,2,0	-
Std Dev.	-	.283	.995	-
Coeff Var	-	3.040	10.874	-
GX4 - Reference Sample				
Minimum	41.00	32.60	44.00	37.00
Maximum	70.00	39.40	46.00	37.00
Mean	55.50	36.00	44.88	37.00
Number	2	2	6	1
N, L, G	0,4,0	-	-	-
Std Dev.	20.506	4.808	.785	-
Coeff Var	36.948	13.357	1.750	-
GX5 - Reference Sample				
Minimum	15.00	15.60	16.00	13.00
Maximum	28.00	16.40	21.00	13.00
Mean	21.50	16.00	18.58	13.00
Number	2	2	6	1
N, L, G	0,4,0	-	-	-
Std Dev.	9.192	.566	1.625	-
Coeff Var	42.755	3.535	8.746	-
GX6 - Reference Sample				
Minimum	10.00	10.70	11.00	10.00
Maximum	14.00	13.00	13.30	10.00
Mean	12.00	11.85	12.22	10.00
Number	2	2	6	1
N, L, G	0,4,0	-	-	-
Std Dev.	2.828	1.626	.826	-
Coeff Var	23.570	13.724	6.758	-

Table 3. Statistical summary of geochemical data, analyses of Nickel (Ni) in ppm.

Analysis	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	1	10	11	12	12 18 1	13	14	15	17	4	5	6	7
GX1 - Reference Sample													
Minimum	19.00	33.00	31.00	27.00	56.00	28.00	34.00	50.00	5.00	9.00	25.00	35.00	25.00
Maximum	40.50	114.00	60.00	50.00	61.00	140.00	35.00	50.00	6.00	68.00	100.00	57.00	113.00
Mean	29.62	48.86	45.25	38.42	58.50	58.62	34.50	50.00	5.50	32.29	45.44	44.42	51.11
Number	4	18	4	12	2	8	2	2	2	38	49	12	28
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,2,0	-
Std Dev.	11.714	23.466	15.903	8.989	3.536	42.003	.707	-	.707	11.213	13.275	6.431	25.646
Coeff Var	39.543	48.025	35.146	23.400	6.044	71.647	2.050	-	12.856	34.720	29.217	14.479	50.181
GX2 - Reference Sample													
Minimum	16.00	17.50	14.00	13.00	19.00	12.00	18.00	25.00	8.00	9.00	14.69	15.00	3.00
Maximum	20.00	92.00	53.00	30.00	19.00	80.00	19.00	25.00	11.00	52.00	40.00	35.00	41.00
Mean	17.75	30.55	33.50	21.27	19.00	38.37	18.50	25.00	9.50	20.17	22.07	23.33	22.29
Number	4	22	4	11	2	8	2	2	2	40	49	12	28
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,2,0	-
Std Dev.	2.062	20.574	20.857	5.569	-	22.640	.707	-	2.121	8.282	5.062	5.821	8.520
Coeff Var	11.614	67.355	62.259	26.181	-	58.996	3.822	-	22.330	41.055	22.934	24.945	38.229
GX3 - Reference Sample													
Minimum	36.00	49.00	47.00	49.00	73.00	52.00	52.00	65.00	15.00	6.00	48.00	50.00	40.00
Maximum	62.50	114.00	73.00	100.00	80.00	140.00	52.00	65.00	17.00	80.00	120.00	86.00	143.00
Mean	49.37	69.50	59.75	65.09	76.50	78.12	52.00	65.00	16.00	50.66	65.87	65.77	72.82
Number	4	18	4	11	2	8	2	2	2	36	47	13	28
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,1,0	-
Std Dev.	13.804	18.690	14.175	19.887	4.950	33.134	-	-	1.414	16.361	13.717	11.062	29.642
Coeff Var	27.958	26.892	23.723	30.553	6.470	42.411	-	-	8.839	32.296	20.825	16.819	40.706
GX4 - Reference Sample													
Minimum	35.00	36.00	35.00	38.00	33.00	39.00	37.00	45.00	17.00	28.00	30.00	35.00	27.00
Maximum	38.00	130.00	52.00	52.00	33.00	90.00	38.00	45.00	17.00	64.00	78.52	50.00	71.00
Mean	36.63	54.62	44.25	41.92	33.00	57.50	37.50	45.00	17.00	40.23	43.34	43.92	44.96
Number	4	17	4	12	2	8	2	2	2	39	49	12	28
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,2,0	-
Std Dev.	1.377	29.086	8.098	4.795	-	20.536	.707	-	-	7.703	7.218	5.035	10.738
Coeff Var	3.759	53.254	18.301	11.439	-	35.714	1.886	-	-	19.148	16.656	11.466	23.880
GX5 - Reference Sample													
Minimum	58.00	65.00	66.00	67.00	61.00	65.00	70.00	70.00	41.00	50.00	47.00	50.00	53.00
Maximum	77.50	130.00	109.00	81.00	62.00	130.00	71.00	75.00	49.00	155.00	89.00	85.00	99.00
Mean	69.75	84.12	87.75	73.70	61.50	94.37	70.50	72.50	45.00	75.10	73.38	69.00	76.79
Number	4	21	4	10	2	8	2	2	2	38	49	14	28
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	9.526	18.222	24.541	5.559	.707	24.118	.707	3.536	5.657	16.225	6.979	11.936	11.435
Coeff Var	13.658	21.662	27.967	7.542	1.150	25.556	1.003	4.877	12.571	21.605	9.511	17.298	14.893
GX6 - Reference Sample													
Minimum	22.00	20.00	22.00	21.00	27.00	15.00	26.00	30.00	4.00	14.00	20.00	20.00	12.00
Maximum	34.00	114.00	61.00	51.00	31.00	80.00	28.00	30.00	4.00	37.00	41.00	45.00	55.00
Mean	26.50	47.44	41.75	29.75	29.00	46.50	27.00	30.00	4.00	27.17	29.67	31.83	31.89
Number	4	18	4	12	2	8	2	2	2	38	46	12	28
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,2,0	-
Std Dev.	5.260	29.175	20.597	9.659	2.828	24.542	1.414	-	-	6.005	5.149	6.991	11.688
Coeff Var	19.849	61.493	49.335	32.467	9.753	52.777	5.238	-	-	22.102	17.355	21.962	36.649

Table 3. Statistical summary of geochemical data, analyses of Nickel (Ni) in ppm.

Analysis	AA	AA	COLO	COLO	COLO	DCP	DCP	EMS	NAA	XRF	XRF
Digestion	8	9	1 26	24	8	6 13	9 18			23	30
GX1 - Reference Sample											
Minimum	44.00	20.00	230.00	62.00	21.00	35.00	31.00	15.00	39.00	32.00	20.00
Maximum	95.00	75.00	340.00	1900.00	35.00	45.00	40.00	95.00	46.00	46.00	43.00
Mean	62.94	43.46	285.00	638.50	28.00	38.67	35.50	42.86	42.50	42.00	33.83
Number	16	13	2	6	2	6	4	35	2	5	6
N, L, G	-	-	-	-	-	-	-	0,5,0	-	-	-
Std Dev.	15.031	17.714	77.782	866.421	9.899	3.777	4.655	17.589	4.950	5.958	10.147
Coeff Var	23.882	40.757	27.292	135.696	35.355	9.768	13.112	41.040	11.646	14.186	29.992
GX2 - Reference Sample											
Minimum	20.00	10.00	50.00	19.00	15.00	14.00	22.00	10.00	17.00	21.00	17.00
Maximum	48.00	80.00	110.00	3200.00	15.00	18.00	25.00	100.00	19.00	36.00	26.00
Mean	34.50	35.31	80.00	815.67	15.00	17.00	23.25	23.18	18.00	26.17	20.50
Number	16	13	2	6	2	6	4	34	2	6	6
N, L, G	-	-	-	-	-	-	-	0,5,0	-	-	-
Std Dev.	6.760	27.265	42.426	1327.432	-	1.673	1.258	15.036	1.414	5.636	3.619
Coeff Var	19.595	77.222	53.033	162.742	-	9.843	5.412	64.877	7.857	21.540	17.656
GX3 - Reference Sample											
Minimum	48.00	48.00	63.00	60.00	58.00	54.00	58.00	15.00	53.00	50.00	50.00
Maximum	129.00	100.00	110.00	4600.00	64.00	60.00	66.00	460.00	57.00	70.00	76.00
Mean	86.19	65.15	86.50	1156.33	61.00	58.00	62.25	65.83	55.00	62.50	64.00
Number	16	13	2	6	2	6	4	35	2	6	6
N, L, G	-	-	-	-	-	-	-	0,4,0	-	-	-
Std Dev.	21.958	24.221	33.234	1756.822	4.243	2.191	3.500	72.206	2.828	8.167	10.296
Coeff Var	25.477	37.175	38.421	151.930	6.955	3.777	5.622	109.688	5.143	13.067	16.087
GX4 - Reference Sample											
Minimum	39.00	30.00	40.00	379.00	44.00	36.00	42.00	15.00	37.00	35.00	36.00
Maximum	107.00	110.00	43.00	4600.00	46.00	42.00	47.00	110.00	39.00	47.00	55.00
Mean	56.94	52.38	41.50	1701.50	45.00	40.33	44.75	44.39	38.00	40.33	43.00
Number	16	13	2	4	2	6	4	36	2	6	6
N, L, G	-	-	-	-	-	-	-	0,4,0	-	-	-
Std Dev.	16.543	26.371	2.121	1988.765	1.414	2.658	2.217	22.813	1.414	4.320	8.025
Coeff Var	29.054	50.341	5.112	116.883	3.143	6.591	4.955	51.393	3.722	10.712	18.663
GX5 - Reference Sample											
Minimum	75.00	60.00	70.00	60.00	75.00	68.00	83.00	15.00	59.00	73.00	69.00
Maximum	128.00	160.00	200.00	5900.00	75.00	77.00	89.00	160.00	67.00	97.00	89.00
Mean	88.81	92.38	135.00	1243.83	75.00	72.33	85.25	77.69	63.00	83.00	76.50
Number	16	13	2	6	2	6	4	35	2	6	6
N, L, G	-	-	-	-	-	-	-	0,4,0	-	-	-
Std Dev.	11.979	36.725	91.924	2333.868	-	3.559	2.630	32.501	5.657	9.571	9.028
Coeff Var	13.488	39.753	68.092	187.635	-	4.920	3.085	41.837	8.979	11.531	11.801
GX6 - Reference Sample											
Minimum	37.00	19.00	68.00	24.00	15.00	21.00	29.00	10.00	21.00	23.00	23.00
Maximum	81.00	100.00	85.00	3500.00	17.00	24.00	33.00	75.00	24.00	44.00	32.00
Mean	46.00	42.77	76.50	919.00	16.00	23.00	31.25	23.45	22.50	32.33	26.83
Number	16	13	2	6	2	6	4	33	2	6	6
N, L, G	-	-	-	-	-	-	-	0,5,0	-	-	-
Std Dev.	10.677	32.701	12.021	1469.417	1.414	1.265	2.062	10.686	2.121	8.454	4.119
Coeff Var	23.211	76.459	15.713	159.893	8.839	5.500	6.597	45.561	9.428	26.146	15.351

Table 3. Statistical summary of geochemical data, analyses of Niobium (Nb) in ppm.

Analysis		AA	DCP	EMS	XRF	XRF	XRF
Digestion	32	7	6 13		23	30	32
GX1 - Reference Sample							
Minimum	.10	52.80	-	3.90	.10	-	-
Maximum	.10	52.80	-	20.00	40.00	-	-
Mean	.10	52.80	-	10.86	23.47	-	-
Number	1	1	-	13	6	-	-
N, L, G	-	-	0,6,0	0,16,0	-	0,2,0	0,1,0
Std Dev.	-	-	-	5.269	19.475	-	-
Coeff Var	-	-	-	48.512	82.990	-	-
GX2 - Reference Sample							
Minimum	13.00	24.80	-	5.90	12.10	8.00	12.00
Maximum	13.00	24.80	-	27.00	30.00	12.00	12.00
Mean	13.00	24.80	-	11.13	24.12	9.67	12.00
Number	1	1	-	11	6	3	1
N, L, G	-	-	0,6,0	0,18,0	-	0,1,0	-
Std Dev.	-	-	-	6.161	9.116	2.082	-
Coeff Var	-	-	-	55.366	37.799	21.534	-
GX3 - Reference Sample							
Minimum	3.90	79.90	-	10.00	3.50	-	-
Maximum	3.90	79.90	-	200.00	20.00	-	-
Mean	3.90	79.90	-	66.05	14.50	-	-
Number	1	1	-	19	6	-	-
N, L, G	-	-	0,6,0	0,10,0	-	0,2,0	0,1,0
Std Dev.	-	-	-	72.084	8.521	-	-
Coeff Var	-	-	-	109.131	58.763	-	-
GX4 - Reference Sample							
Minimum	10.00	42.40	-	5.50	10.00	8.00	11.00
Maximum	10.00	42.40	-	32.00	20.00	15.00	11.00
Mean	10.00	42.40	-	11.75	14.16	11.50	11.00
Number	1	1	-	11	5	4	1
N, L, G	-	-	0,6,0	0,18,0	0,1,0	-	-
Std Dev.	-	-	-	7.723	5.338	3.512	-
Coeff Var	-	-	-	65.753	37.697	30.538	-
GX5 - Reference Sample							
Minimum	6.90	80.80	-	3.20	7.00	5.00	-
Maximum	6.90	80.80	-	11.00	20.00	6.00	-
Mean	6.90	80.80	-	7.79	14.07	5.50	-
Number	1	1	-	8	6	2	-
N, L, G	-	-	0,6,0	0,21,0	-	-	0,1,0
Std Dev.	-	-	-	3.357	6.581	.707	-
Coeff Var	-	-	-	43.108	46.783	12.856	-
GX6 - Reference Sample							
Minimum	7.60	33.60	-	10.00	7.10	5.00	-
Maximum	7.60	33.60	-	20.00	20.00	5.00	-
Mean	7.60	33.60	-	11.83	12.42	5.00	-
Number	1	1	-	6	6	2	-
N, L, G	-	-	0,6,0	0,19,0	-	-	0,1,0
Std Dev.	-	-	-	4.021	6.002	-	-
Coeff Var	-	-	-	33.978	48.339	-	-

Table 3. Statistical summary of geochemical data, analyses of Non-carbonate Carbon in percent

Analysis Digestion	COLO
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	3.20
Maximum	3.30
Mean	3.25
Number	4
N, L, G	-
Std Dev.	.058
Coeff Var	1.776
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	1.80
Maximum	1.90
Mean	1.85
Number	4
N, L, G	-
Std Dev.	.058
Coeff Var	3.121
GX6 - Reference Sample	
Minimum	.10
Maximum	.10
Mean	.10
Number	4
N, L, G	-
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Osmium (Os) in ppm.

Analysis Digestion	EMS
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX6 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Palladium (Pd) in ppm.

Analysis	COLO	EMS
Digestion	1 26	
GX1 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	-	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX2 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	-	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX3 - Reference Sample		
Minimum	1.30	-
Maximum	1.80	-
Mean	1.55	-
Number	2	-
N, L, G	-	0,4,0
Std Dev.	.354	-
Coeff Var	22.810	-
GX4 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	-	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX5 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	-	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX6 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	-	0,4,0
Std Dev.	-	-
Coeff Var	-	-

Table 3. Statistical summary of geochemical data, analyses of Phosphorus (P) in ppm.

Analysis	DCP	EMS	XRF
Digestion	6 13		23
GX1 - Reference Sample			
Minimum	688.00	-	569.00
Maximum	745.00	-	569.00
Mean	712.33	-	569.00
Number	6	-	1
N, L, G	-	0,4,0	-
Std Dev.	20.291	-	-
Coeff Var	2.849	-	-
GX2 - Reference Sample			
Minimum	690.00	740.00	695.00
Maximum	797.00	800.00	695.00
Mean	734.50	773.33	695.00
Number	6	3	1
N, L, G	-	0,1,0	-
Std Dev.	45.910	30.551	-
Coeff Var	6.251	3.950	-
GX3 - Reference Sample			
Minimum	1002.00	-	871.00
Maximum	1142.00	-	871.00
Mean	1051.67	-	871.00
Number	6	-	1
N, L, G	-	0,4,0	-
Std Dev.	48.321	-	-
Coeff Var	4.595	-	-
GX4 - Reference Sample			
Minimum	1350.00	1800.00	1350.00
Maximum	1474.00	1900.00	1350.00
Mean	1419.00	1825.00	1350.00
Number	6	4	1
N, L, G	-	-	-
Std Dev.	41.105	50.000	-
Coeff Var	2.897	2.740	-
GX5 - Reference Sample			
Minimum	340.00	820.00	346.00
Maximum	358.00	820.00	346.00
Mean	350.00	820.00	346.00
Number	6	1	1
N, L, G	-	0,3,0	-
Std Dev.	7.616	-	-
Coeff Var	2.176	-	-
GX6 - Reference Sample			
Minimum	401.00	-	439.00
Maximum	427.00	-	439.00
Mean	412.00	-	439.00
Number	6	-	1
N, L, G	-	0,4,0	-
Std Dev.	8.649	-	-
Coeff Var	2.099	-	-

Table 3. Statistical summary of geochemical data, analyses of Phosphorus Pentoxide (P205) in percent.

Analysis		COLO	COLO	COLO	EMS	MICR	XRF	XRF
Digestion	32	10	10 1	21 2		23	23	30
GX1 - Reference Sample								
Minimum	.17	.05	.14	.11	-	.14	.12	.01
Maximum	1.40	.07	.14	.12	-	.15	.17	.17
Mean	.78	.06	.14	.12	-	.14	.14	.09
Number	2	2	1	2	-	2	13	11
N, L, G	-	-	-	-	0,4,0	-	-	-
Std Dev.	.870	.014	-	.007	-	.007	.018	.068
Coeff Var	110.795	23.570	-	6.149	-	4.877	13.135	80.098
GX2 - Reference Sample								
Minimum	.24	.05	.07	.14	.17	.15	.13	.06
Maximum	.28	.07	.07	.14	.18	.16	.17	1.60
Mean	.26	.06	.07	.14	.18	.15	.15	.66
Number	2	2	1	2	3	2	13	11
N, L, G	-	-	-	-	0,1,0	-	-	-
Std Dev.	.028	.014	-	.000	.006	.007	.014	.730
Coeff Var	10.878	23.570	-	.123	3.267	4.562	9.657	109.959
GX3 - Reference Sample								
Minimum	.24	.16	.15	.28	-	.28	.25	.26
Maximum	.24	.17	.15	.28	-	.30	.29	.98
Mean	.24	.17	.15	.28	-	.29	.27	.61
Number	2	2	1	2	-	2	12	9
N, L, G	-	-	-	-	0,4,0	-	-	0,2,0
Std Dev.	-	.007	-	-	-	.014	.014	.346
Coeff Var	-	4.286	-	-	-	4.877	5.219	56.542
GX4 - Reference Sample								
Minimum	.24	.22	.18	.26	.41	.39	.28	.11
Maximum	.24	.24	.18	.29	.44	.41	.32	3.90
Mean	.24	.23	.18	.27	.42	.40	.30	1.79
Number	2	2	1	2	4	2	13	9
N, L, G	-	-	-	-	-	-	-	-
Std Dev.	-	.014	-	.021	.015	.014	.011	1.847
Coeff Var	-	6.149	-	7.714	3.593	3.535	3.784	103.143
GX5 - Reference Sample								
Minimum	.17	.02	.05	.07	.19	.09	.05	.04
Maximum	.17	.02	.05	.07	.19	.09	.09	1.06
Mean	.17	.02	.05	.07	.19	.09	.07	.42
Number	2	2	1	2	1	2	13	11
N, L, G	-	-	-	-	0,3,0	-	-	-
Std Dev.	-	.000	-	-	-	-	.017	.472
Coeff Var	-	.054	-	-	-	-	25.034	112.183
GX6 - Reference Sample								
Minimum	.20	.02	.10	.07	-	.09	.06	.04
Maximum	.28	.03	.10	.08	-	.10	.11	2.14
Mean	.24	.02	.10	.07	-	.10	.09	.80
Number	2	2	1	2	-	2	13	11
N, L, G	-	-	-	-	0,4,0	-	-	-
Std Dev.	.057	.007	-	.007	-	.007	.018	.999
Coeff Var	23.570	28.284	-	9.428	-	7.443	20.959	124.308

Table 3. Statistical summary of geochemical data, analyses of Platinum (Pt) in ppm.

Analysis	COLO	EMS
Digestion	1 26	
GX1 - Reference Sample		
Minimum	.30	-
Maximum	.30	-
Mean	.30	-
Number	2	-
N, L, G	-	0,4,0
Std Dev.	.000	-
Coeff Var	.081	-
GX2 - Reference Sample		
Minimum	.10	-
Maximum	.10	-
Mean	.10	-
Number	1	-
N, L, G	0,1,0	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX3 - Reference Sample		
Minimum	-	-
Maximum	-	-
Mean	-	-
Number	-	-
N, L, G	-	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX4 - Reference Sample		
Minimum	.15	-
Maximum	.15	-
Mean	.15	-
Number	1	-
N, L, G	0,1,0	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX5 - Reference Sample		
Minimum	.05	-
Maximum	.05	-
Mean	.05	-
Number	1	-
N, L, G	0,1,0	0,4,0
Std Dev.	-	-
Coeff Var	-	-
GX6 - Reference Sample		
Minimum	.15	-
Maximum	.15	-
Mean	.15	-
Number	1	-
N, L, G	0,1,0	0,4,0
Std Dev.	-	-
Coeff Var	-	-

Table 3. Statistical summary of geochemical data, analyses of Potassium (K) in ppm.

Analysis Digestion	EMS	NAA
GX1 - Reference Sample		
Minimum	-	450.00
Maximum	-	670.00
Mean	-	560.00
Number	-	2
N, L, G	0,4,0	-
Std Dev.	-	155.563
Coeff Var	-	27.779
GX2 - Reference Sample		
Minimum	14000.00	14100.00
Maximum	19000.00	15200.00
Mean	16000.00	14650.00
Number	4	2
N, L, G	-	-
Std Dev.	2449.481	777.854
Coeff Var	15.309	5.310
GX3 - Reference Sample		
Minimum	8400.00	7000.00
Maximum	9500.00	8130.00
Mean	8950.00	7565.00
Number	4	2
N, L, G	-	-
Std Dev.	450.896	799.029
Coeff Var	5.038	10.562
GX4 - Reference Sample		
Minimum	50000.00	43600.00
Maximum	57000.00	45000.00
Mean	53250.00	44300.00
Number	4	2
N, L, G	-	-
Std Dev.	2986.133	990.450
Coeff Var	5.608	2.236
GX5 - Reference Sample		
Minimum	10000.00	8400.00
Maximum	12000.00	9300.00
Mean	10750.00	8850.00
Number	4	2
N, L, G	-	-
Std Dev.	957.419	636.390
Coeff Var	8.906	7.191
GX6 - Reference Sample		
Minimum	38000.00	22500.00
Maximum	43000.00	22800.00
Mean	39750.00	22650.00
Number	4	2
N, L, G	-	-
Std Dev.	2217.410	211.962
Coeff Var	5.578	.936

Table 3. Statistical summary of geochemical data, analyses of Potassium Oxide (K2O) in percent.

Analysis		AA	AA	AA	AA	AA	EMS	FMS	FMS	FMS	FMS	FMS	MICR
Digestion	32	10	12	23	7	8		10	11	12	3 18	8	23
GX1 - Reference Sample													
Minimum	.19	.04	.05	.05	.04	.05	-	.08	.05	.04	.06	.05	.06
Maximum	.44	.08	.05	.05	.07	.06	-	.08	.14	.05	.07	.05	.06
Mean	.31	.06	.05	.05	.05	.05	-	.08	.10	.05	.06	.05	.06
Number	2	6	2	1	4	4	-	2	2	4	2	2	2
N, L, G	-	-	-	-	-	-	0,4,0	-	-	-	0,2,0	-	-
Std Dev.	.177	.016	-	-	.017	.006	-	-	.064	.005	.007	.000	-
Coeff Var	56.120	28.126	-	-	33.591	11.111	-	-	64.670	10.526	10.878	.113	-
GX2 - Reference Sample													
Minimum	.81	1.57	1.59	1.68	.78	1.77	1.70	1.20	1.75	1.25	1.50	1.57	1.63
Maximum	1.19	1.70	1.64	1.68	.92	1.82	2.30	1.37	1.98	1.72	1.65	1.57	1.67
Mean	1.00	1.64	1.61	1.68	.85	1.81	1.95	1.28	1.86	1.46	1.59	1.57	1.65
Number	2	6	2	1	4	4	4	2	2	4	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.269	.060	.035	-	.059	.024	.300	.120	.163	.227	.069	-	.028
Coeff Var	26.870	3.623	2.189	-	6.994	1.318	15.385	9.355	8.720	15.569	4.325	-	1.714
GX3 - Reference Sample													
Minimum	1.06	.78	.97	.92	.81	.90	1.00	.62	.79	.74	.84	.84	.59
Maximum	1.13	.94	.97	.92	1.33	.92	1.10	.64	1.15	.88	.90	.84	.63
Mean	1.10	.83	.97	.92	1.09	.91	1.08	.63	.97	.80	.86	.84	.61
Number	2	6	2	1	4	4	4	2	2	4	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.049	.066	-	-	.279	.010	.050	.014	.255	.071	.029	-	.028
Coeff Var	4.520	7.875	-	-	25.601	1.138	4.652	2.244	26.243	8.897	3.348	-	4.636
GX4 - Reference Sample													
Minimum	2.63	4.58	4.65	5.00	1.80	4.93	6.00	4.36	5.07	4.38	4.57	4.82	4.61
Maximum	2.88	5.20	4.70	5.00	2.02	5.00	6.50	4.43	5.53	4.73	5.40	4.82	4.81
Mean	2.76	4.96	4.67	5.00	1.91	4.97	6.25	4.40	5.30	4.55	4.94	4.82	4.71
Number	2	5	2	1	4	2	4	2	2	4	4	2	2
N, L, G	-	-	-	-	-	0,0,2	-	-	-	-	-	-	-
Std Dev.	.177	.255	.035	-	.119	.049	.289	.050	.325	.165	.351	-	.141
Coeff Var	6.417	5.148	.757	-	6.223	.997	4.619	1.128	6.137	3.623	7.092	-	3.002
GX5 - Reference Sample													
Minimum	.76	.10	1.06	1.01	.64	1.11	1.20	.73	1.20	.98	1.00	1.06	1.04
Maximum	.88	.99	1.06	1.01	.70	1.20	1.50	.76	1.34	1.00	1.05	1.06	1.05
Mean	.82	.67	1.06	1.01	.68	1.16	1.30	.74	1.27	.99	1.02	1.06	1.05
Number	2	6	2	1	4	4	4	2	2	3	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.085	.437	-	-	.027	.039	.141	.021	.099	.012	.021	-	.007
Coeff Var	10.348	65.374	-	-	3.982	3.377	10.879	2.849	7.795	1.164	2.015	-	.677
GX6 - Reference Sample													
Minimum	1.38	2.17	2.07	2.33	1.31	2.17	4.60	1.47	2.89	1.76	2.11	2.05	2.15
Maximum	1.75	2.80	2.12	2.33	1.42	2.61	5.20	1.63	3.01	2.58	2.50	2.05	2.31
Mean	1.57	2.42	2.09	2.33	1.35	2.40	4.80	1.55	2.95	2.13	2.24	2.05	2.23
Number	2	6	2	1	4	4	4	2	2	4	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.262	.238	.035	-	.048	.238	.271	.113	.085	.425	.176	-	.113
Coeff Var	16.717	9.809	1.688	-	3.539	9.895	5.642	7.299	2.875	19.976	7.829	-	5.074

Table 3. Statistical summary of geochemical data, analyses of Potassium Oxide (K2O) in percent.

Analysis	XRF	XRF	XRF	XRF
Digestion	23	23 30	30	34
GX1 - Reference Sample				
Minimum	.01	.11	.01	.06
Maximum	.02	.21	.09	.13
Mean	.02	.16	.05	.10
Number	2	2	7	9
N, L, G	-	-	-	0,4,0
Std Dev.	.007	.071	.029	.031
Coeff Var	47.140	44.194	62.936	32.626
GX2 - Reference Sample				
Minimum	1.64	1.64	1.59	1.59
Maximum	1.77	1.67	1.93	1.82
Mean	1.70	1.66	1.75	1.71
Number	2	2	7	13
N, L, G	-	-	-	-
Std Dev.	.092	.021	.140	.075
Coeff Var	5.391	1.282	8.016	4.419
GX3 - Reference Sample				
Minimum	.95	.93	.10	.10
Maximum	.95	.94	.98	1.02
Mean	.95	.93	.67	.58
Number	2	2	7	12
N, L, G	-	-	-	-
Std Dev.	.001	.007	.393	.340
Coeff Var	.103	.757	58.499	58.775
GX4 - Reference Sample				
Minimum	4.92	4.85	4.70	4.62
Maximum	4.94	4.88	5.09	5.10
Mean	4.93	4.86	4.92	4.87
Number	2	2	5	13
N, L, G	-	-	-	-
Std Dev.	.014	.021	.145	.158
Coeff Var	.291	.440	2.942	3.240
GX5 - Reference Sample				
Minimum	.98	1.08	1.05	.99
Maximum	1.08	1.10	1.15	1.15
Mean	1.03	1.09	1.09	1.05
Number	2	2	7	13
N, L, G	-	-	-	-
Std Dev.	.071	.014	.035	.056
Coeff Var	6.866	1.298	3.222	5.364
GX6 - Reference Sample				
Minimum	2.21	2.21	2.12	2.24
Maximum	2.34	2.25	2.49	2.38
Mean	2.27	2.23	2.31	2.31
Number	2	2	7	13
N, L, G	-	-	-	-
Std Dev.	.092	.028	.120	.046
Coeff Var	4.041	1.269	5.184	2.004

Table 3. Statistical summary of geochemical data, analyses of Praseodymium (Pr) in ppm.

Analysis	EMS	MS	XRF
Digestion			23
GX1 - Reference Sample			
Minimum	-	1.60	.60
Maximum	-	1.80	.60
Mean	-	1.70	.60
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.141	-
Coeff Var	-	8.319	-
GX2 - Reference Sample			
Minimum	-	4.50	5.30
Maximum	-	4.90	5.30
Mean	-	4.70	5.30
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.283	-
Coeff Var	-	6.018	-
GX3 - Reference Sample			
Minimum	-	2.70	.60
Maximum	-	3.10	.60
Mean	-	2.90	.60
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.283	-
Coeff Var	-	9.753	-
GX4 - Reference Sample			
Minimum	-	12.00	15.00
Maximum	-	13.00	15.00
Mean	-	12.50	15.00
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.707	-
Coeff Var	-	5.657	-
GX5 - Reference Sample			
Minimum	-	4.10	2.90
Maximum	-	5.50	2.90
Mean	-	4.80	2.90
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.990	-
Coeff Var	-	20.624	-
GX6 - Reference Sample			
Minimum	-	3.50	3.80
Maximum	-	3.50	3.80
Mean	-	3.50	3.80
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	-	-
Coeff Var	-	-	-

Table 3. Statistical summary of geochemical data, analyses of Rhenium (Re) in ppm.

Analysis Digestion	EMS
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX6 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Rhodium (Rh) in ppm.

Analysis Digestion	EMS
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX6 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Rubidium (Rb) in ppm.

Analysis		AA	AA	EMS	FMS	NAA	XRF	XRF	XRF
Digestion	32	11	13		12		23	30	32
GX1 - Reference Sample									
Minimum	3.90	2.00	2.00	15.00	3.00	20.00	.20	32.00	23.00
Maximum	3.90	7.00	2.90	22.00	4.00	30.00	28.00	32.00	23.00
Mean	3.90	4.50	2.45	18.50	3.50	26.00	11.27	32.00	23.00
Number	1	2	2	2	2	3	6	2	1
N, L, G	-	-	-	-	-	0,3,0	0,4,0	0,2,0	-
Std Dev.	-	3.536	.636	4.950	.707	5.292	10.822	-	-
Coeff Var	-	78.567	25.975	26.755	20.203	20.352	96.053	-	-
GX2 - Reference Sample									
Minimum	82.00	25.00	63.00	68.00	69.00	79.00	63.00	71.00	81.00
Maximum	82.00	26.00	68.00	71.00	73.00	110.00	110.00	92.00	81.00
Mean	82.00	25.50	65.50	69.50	71.00	93.75	84.30	82.12	81.00
Number	1	2	2	2	2	8	10	8	1
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	-	.707	3.536	2.121	2.828	12.881	14.507	8.271	-
Coeff Var	-	2.773	5.398	3.052	3.984	13.740	17.209	10.071	-
GX3 - Reference Sample									
Minimum	81.00	83.00	78.00	65.00	69.00	97.00	66.00	76.00	82.00
Maximum	81.00	125.00	79.00	67.00	72.00	140.00	140.00	125.00	82.00
Mean	81.00	104.00	78.50	66.00	70.50	123.00	95.30	96.87	82.00
Number	1	2	2	2	2	8	10	8	1
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	-	29.698	.707	1.414	2.121	15.666	28.304	19.657	-
Coeff Var	-	28.556	.901	2.143	3.009	12.737	29.700	20.291	-
GX4 - Reference Sample									
Minimum	150.00	80.00	129.00	118.00	140.00	157.00	129.00	150.00	176.00
Maximum	150.00	88.00	132.00	121.00	150.00	200.00	200.00	167.00	176.00
Mean	150.00	84.00	130.50	119.50	145.00	180.38	161.10	162.75	176.00
Number	1	2	2	2	2	8	10	8	1
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	-	5.657	2.121	2.121	7.071	17.179	26.698	5.523	-
Coeff Var	-	6.734	1.626	1.775	4.877	9.524	16.572	3.393	-
GX5 - Reference Sample									
Minimum	40.00	11.00	29.00	30.00	34.00	30.00	11.00	35.00	41.00
Maximum	40.00	16.00	29.00	32.00	37.00	60.00	50.00	47.00	41.00
Mean	40.00	13.50	29.00	31.00	35.50	41.87	33.90	42.00	41.00
Number	1	2	2	2	2	8	10	8	1
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	-	3.536	-	1.414	2.121	8.493	12.050	4.375	-
Coeff Var	-	26.189	-	4.562	5.976	20.281	35.547	10.417	-
GX6 - Reference Sample									
Minimum	89.00	16.00	67.00	68.00	92.00	86.00	61.00	87.00	89.00
Maximum	89.00	18.00	71.00	71.00	94.00	120.00	100.00	97.00	89.00
Mean	89.00	17.00	69.00	69.50	93.00	103.75	82.90	92.88	89.00
Number	1	2	2	2	2	8	10	8	1
N, L, G	-	-	-	-	-	-	-	-	-
Std Dev.	-	1.414	2.828	2.121	1.414	11.336	12.723	4.190	-
Coeff Var	-	8.319	4.099	3.052	1.521	10.926	15.348	4.511	-

Table 3. Statistical summary of geochemical data, analyses of Ruthenium (Ru) in ppm.

Analysis Digestion	EMS
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX6 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Samarium (Sm) in ppm.

Analysis	EMS	MS	NAA	XRF
Digestion				23
GX1 - Reference Sample				
Minimum	-	2.50	3.10	3.60
Maximum	-	3.40	11.00	3.60
Mean	-	2.95	6.00	3.60
Number	-	2	8	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.636	2.950	-
Coeff Var	-	21.573	49.160	-
GX2 - Reference Sample				
Minimum	-	3.50	3.00	2.90
Maximum	-	4.10	4.10	2.90
Mean	-	3.80	3.83	2.90
Number	-	2	8	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.424	.410	-
Coeff Var	-	11.165	10.710	-
GX3 - Reference Sample				
Minimum	-	2.10	1.60	1.70
Maximum	-	2.20	2.00	1.70
Mean	-	2.15	1.80	1.70
Number	-	2	6	1
N, L, G	0,4,0	-	0,2,0	-
Std Dev.	-	.071	.167	-
Coeff Var	-	3.288	9.296	-
GX4 - Reference Sample				
Minimum	-	9.30	5.00	6.50
Maximum	-	10.30	7.30	6.50
Mean	-	9.80	6.67	6.50
Number	-	2	8	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.707	.801	-
Coeff Var	-	7.214	12.005	-
GX5 - Reference Sample				
Minimum	-	6.10	2.40	2.50
Maximum	-	7.50	4.20	2.50
Mean	-	6.80	3.50	2.50
Number	-	2	8	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.990	.586	-
Coeff Var	-	14.558	16.730	-
GX6 - Reference Sample				
Minimum	-	2.10	1.80	2.80
Maximum	-	2.90	3.00	2.80
Mean	-	2.50	2.67	2.80
Number	-	2	8	1
N, L, G	0,4,0	-	-	-
Std Dev.	-	.566	.433	-
Coeff Var	-	22.627	16.203	-

Table 3. Statistical summary of geochemical data, analyses of Scandium (Sc) in ppm.

Analysis	EMS	NAA	XRF
Digestion			23
GX1 - Reference Sample			
Minimum	2.50	1.40	.20
Maximum	3.30	1.80	.20
Mean	2.93	1.70	.20
Number	4	8	1
N, L, G	0,20,0	-	-
Std Dev.	.386	.141	-
Coeff Var	13.204	8.319	-
GX2 - Reference Sample			
Minimum	5.00	6.70	6.90
Maximum	7.00	7.40	6.90
Mean	5.63	7.09	6.90
Number	15	8	1
N, L, G	0,9,0	-	-
Std Dev.	.728	.295	-
Coeff Var	12.917	4.162	-
GX3 - Reference Sample			
Minimum	10.00	15.00	.20
Maximum	29.00	19.00	.20
Mean	18.08	18.00	.20
Number	24	8	1
N, L, G	-	-	-
Std Dev.	4.373	1.414	-
Coeff Var	4.183	7.777	-
Mean	7.17	6.55	6.30
Number	18	8	1
N, L, G	0,6,0	-	-
Std Dev.	2.570	.193	-
Coeff Var	33.939	2.307	-
GX5 - Reference Sample			
Minimum	5.00	7.60	7.30
Maximum	15.00	8.70	7.30
Mean	7.19	8.10	7.30
Number	18	8	1
N, L, G	0,6,0	-	-
Std Dev.	2.694	.393	-
Coeff Var	37.468	4.849	-
GX6 - Reference Sample			
Minimum	10.00	26.90	33.00
Maximum	31.00	31.00	33.00
Mean	18.46	29.86	33.00
Number	24	8	1
N, L, G	-	-	-
Std Dev.	4.160	1.579	-
Coeff Var	22.535	5.288	-

Table 3. Statistical summary of geochemical data, analyses of Selenium (Se) in ppm.

Analysis	FAAH	FLUR	NAA
Digestion	25 21	18	
GX1 - Reference Sample			
Minimum	17.90	16.00	13.00
Mean	17.90	16.00	17.00
Number	1	2	4
N, L, G	-	-	-
Std Dev.	-	-	4.082
Coeff Var	-	-	24.015
GX2 - Reference Sample			
Minimum	.71	.33	-
Maximum	.71	.35	-
Mean	.71	.34	-
Number	1	2	-
N, L, G	-	-	0,4,0
Std Dev.	-	.014	-
Coeff Var	-	4.159	-
GX3 - Reference Sample			
Minimum	-	.01	-
Maximum	-	.01	-
Mean	-	.01	-
Number	-	2	-
N, L, G	0,1,0	-	0,4,0
Std Dev.	-	.000	-
Coeff Var	-	.108	-
GX4 - Reference Sample			
Minimum	5.00	5.60	6.00
Maximum	5.00	5.70	8.00
Mean	5.00	5.65	6.75
Number	1	2	4
N, L, G	-	-	-
Std Dev.	-	.071	.957
Coeff Var	-	1.250	14.184
GX5 - Reference Sample			
Minimum	.93	.66	-
Maximum	.93	.68	-
Mean	.93	.67	-
Number	1	2	-
N, L, G	-	-	0,4,0
Std Dev.	-	.014	-
Coeff Var	-	2.112	-
GX6 - Reference Sample			
Minimum	.96	.76	-
Maximum	.96	.80	-
Mean	.96	.78	-
Number	1	2	-
N, L, G	-	-	0,4,0
Std Dev.	-	.028	-
Coeff Var	-	3.624	-

Table 3. Statistical summary of geochemical data, analyses of Silica (SiO2) in percent.

Analysis		AA	COLO	COLO	EMS	GRAV	GRAV	GRAV	GRAV	MICR	XRF	XRF	XRF
Digestion	32	23 4	21 2	22		21 1	21 2	21 0	3	23	23	26 30	30
GX1 - Reference Sample													
Minimum	40.30	49.30	47.78	47.70	43.00	41.74	49.14	46.00	67.30	48.94	40.60	48.90	22.70
Maximum	50.28	49.30	47.78	50.80	49.00	47.36	49.32	47.30	67.90	49.20	50.48	49.30	51.20
Mean	45.29	49.30	47.78	49.82	45.50	44.55	49.23	46.65	67.60	49.07	47.79	49.10	38.48
Number	2	1	2	4	4	2	2	2	2	2	15	2	11
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	7.057	-	-	1.431	2.517	3.974	.133	.919	.424	.177	2.999	.283	12.695
Coeff Var	15.581	-	-	2.873	5.531	8.920	.269	1.969	.627	.360	6.276	.576	32.992
GX2 - Reference Sample													
Minimum	53.20	46.20	47.30	43.50	43.00	46.78	50.09	45.10	65.61	47.54	36.00	46.80	23.30
Maximum	59.97	46.20	47.35	50.90	47.00	46.85	50.09	46.40	66.12	48.33	51.20	48.20	52.72
Mean	56.58	46.20	47.33	48.62	45.50	46.82	50.09	45.75	65.86	47.93	46.98	47.50	38.85
Number	2	1	2	4	4	2	1	2	2	2	17	2	11
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	4.787	-	-	3.481	1.915	.063	-	.919	.362	.559	3.256	.990	12.499
Coeff Var	8.460	-	-	7.159	4.208	.134	-	2.008	.549	1.166	6.932	2.085	32.170
GX3 - Reference Sample													
Minimum	31.57	13.70	14.24	12.50	10.00	12.55	13.03	7.50	12.35	14.32	13.10	12.75	4.08
Maximum	36.60	13.70	14.39	15.00	11.00	13.60	13.40	7.60	12.35	14.34	14.60	12.90	17.54
Mean	34.09	13.70	14.32	13.85	10.25	13.07	13.21	7.55	12.35	14.33	13.92	12.82	11.23
Number	2	1	2	4	4	2	2	2	2	2	12	2	11
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	3.557	-	.105	1.121	.500	.742	.262	.071	-	.011	.537	.107	5.849
Coeff Var	10.435	-	.732	8.094	4.878	5.679	1.982	.937	-	.077	3.861	.831	52.091
GX4 - Reference Sample													
Minimum	73.85	66.30	65.38	65.30	73.00	63.65	66.16	61.10	87.85	65.15	63.90	66.90	30.40
Maximum	75.46	66.30	65.61	67.40	73.00	64.25	66.56	64.30	88.49	65.25	68.86	67.25	70.91
Mean	74.65	66.30	65.49	66.17	73.00	63.95	66.36	62.70	88.17	65.20	65.56	67.07	51.07
Number	2	1	2	4	1	2	2	2	2	2	15	2	9
N, L, G	-	-	-	-	0,0,3	-	-	-	-	-	-	-	-
Std Dev.	1.138	-	.165	1.051	-	.422	.283	2.263	.453	.077	1.452	.246	19.158
Coeff Var	1.524	-	.252	1.588	-	.659	.426	3.609	.514	.117	2.214	.367	37.510
GX5 - Reference Sample													
Minimum	54.10	40.90	40.86	41.00	41.00	40.91	44.32	38.70	58.37	41.14	35.50	42.60	20.70
Maximum	60.03	40.90	41.11	47.90	43.00	41.55	44.32	40.20	58.55	42.16	43.60	43.20	45.17
Mean	57.07	40.90	40.99	43.87	42.00	41.23	44.32	39.45	58.46	41.65	41.03	42.90	34.57
Number	2	1	2	4	4	2	1	2	2	2	16	2	11
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	4.193	-	.177	3.450	1.155	.453	-	1.061	.133	.721	2.068	.424	10.744
Coeff Var	7.348	-	.431	7.863	2.749	1.098	-	2.689	.227	1.731	5.041	.988	31.083
GX6 - Reference Sample													
Minimum	51.04	48.00	46.39	43.50	43.00	46.30	47.28	43.40	63.68	46.80	43.70	46.10	21.40
Maximum	54.90	48.00	46.39	50.90	49.00	46.44	47.99	46.80	64.24	47.01	47.82	47.90	50.44
Mean	52.97	48.00	46.39	47.05	46.00	46.37	47.64	45.10	63.96	46.90	46.17	47.00	37.33
Number	2	1	2	4	4	2	2	2	2	2	17	2	11
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	2.729	-	-	4.106	2.582	.099	.500	2.404	.393	.147	1.063	1.273	12.524
Coeff Var	5.153	-	-	8.728	5.613	.213	1.050	5.331	.614	.312	2.302	2.709	33.547

Table 3. Statistical summary of geochemical data, analyses of Silicon (Si) in percent.

Analysis Digestion	EMS	NAA
GX1 - Reference Sample		
Minimum	20.00	22.80
Maximum	23.00	23.10
Mean	21.25	22.95
Number	4	2
N, L, G	-	-
Std Dev.	1.258	.212
Coeff Var	5.921	.925
GX2 - Reference Sample		
Minimum	20.00	22.70
Maximum	22.00	23.40
Mean	21.25	23.05
Number	4	2
N, L, G	-	-
Std Dev.	.957	.495
Coeff Var	4.506	2.147
GX3 - Reference Sample		
Minimum	4.80	6.00
Maximum	5.20	6.40
Mean	4.90	6.20
Number	4	2
N, L, G	-	-
Std Dev.	.200	.283
Coeff Var	4.082	4.562
GX4 - Reference Sample		
Minimum	34.00	30.70
Maximum	34.00	31.80
Mean	34.00	31.25
Number	1	2
N, L, G	0,0,3	-
Std Dev.	-	.778
Coeff Var	-	2.489
GX5 - Reference Sample		
Minimum	19.00	18.70
Maximum	20.00	19.60
Mean	19.50	19.15
Number	4	2
N, L, G	-	-
Std Dev.	.577	.636
Coeff Var	2.961	3.323
GX6 - Reference Sample		
Minimum	20.00	22.10
Maximum	23.00	22.50
Mean	21.50	22.30
Number	4	2
N, L, G	-	-
Std Dev.	1.291	.283
Coeff Var	6.005	1.267

Table 3. Statistical summary of geochemical data, analyses of Silver (Ag) in ppm.

Analysis	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	1	10	11	12	15	16	19	20	24 4	3	32	4	4 26
GX1 - Reference Sample													
Minimum	2.60	19.00	28.80	30.90	34.00	24.00	25.00	22.00	28.00	32.00	-	1.50	14.00
Maximum	2.90	39.50	30.50	34.00	34.00	36.80	26.00	29.50	28.00	32.00	-	45.00	15.00
Mean	2.75	29.14	29.87	32.65	34.00	30.98	25.50	26.63	28.00	32.00	-	17.39	14.50
Number	2	7	4	4	2	6	2	3	2	1	-	20	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.212	7.631	.746	1.593	-	4.145	.707	4.050	-	-	-	13.173	.707
Coeff Var	7.714	26.183	2.496	4.878	-	13.377	2.773	15.207	-	-	-	75.755	4.877
GX2 - Reference Sample													
Minimum	5.70	17.50	16.20	18.60	20.00	15.60	14.00	15.00	15.00	15.00	20.00	1.30	15.00
Maximum	6.00	19.00	17.80	21.00	20.00	17.00	14.00	17.60	15.00	15.00	20.00	25.00	15.00
Mean	5.85	18.14	17.00	19.48	20.00	16.40	14.00	16.50	15.00	15.00	20.00	12.09	15.00
Number	2	7	4	4	2	6	2	3	2	1	1	19	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.212	.476	.770	1.056	-	.590	-	1.345	-	-	-	6.784	-
Coeff Var	3.626	2.621	4.531	5.424	-	3.597	-	8.154	-	-	-	56.090	-
GX3 - Reference Sample													
Minimum	2.40	.50	-	-	3.00	.60	.15	-	-	.20	.10	.10	3.00
Maximum	2.70	4.00	-	-	4.00	3.40	.45	-	-	.20	.10	3.00	3.00
Mean	2.55	2.25	-	-	3.50	2.38	.30	-	-	.20	.10	2.10	3.00
Number	2	6	-	-	2	6	2	-	-	1	1	20	1
N, L, G	-	0,1,0	0,4,0	0,2,0	-	-	-	0,2,0	0,2,0	-	-	-	0,1,0
Std Dev.	.212	1.173	-	-	.707	1.050	.212	-	-	-	-	.928	-
Coeff Var	8.319	52.116	-	-	20.203	44.039	70.711	-	-	-	-	44.075	-
GX4 - Reference Sample													
Minimum	3.40	4.00	3.80	3.70	4.00	3.50	.10	2.70	3.10	3.00	-	.90	5.00
Maximum	3.50	5.00	3.80	4.00	5.00	4.10	.10	2.80	3.10	3.00	-	5.80	5.00
Mean	3.45	4.79	3.80	3.87	4.50	3.77	.10	2.75	3.10	3.00	-	3.29	5.00
Number	2	7	4	4	2	6	2	2	2	1	-	20	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.071	.393	.001	.150	.707	.266	.000	.071	-	-	-	1.494	-
Coeff Var	2.049	8.220	.030	3.871	15.713	7.057	.043	2.571	-	-	-	45.369	-
GX5 - Reference Sample													
Minimum	1.40	1.00	-	2.00	2.00	.80	.60	.63	.50	.60	.10	.80	1.00
Maximum	1.50	3.00	-	2.00	2.00	2.00	.60	.85	.60	.60	.10	3.50	1.00
Mean	1.45	1.93	-	2.00	2.00	1.43	.60	.74	.55	.60	.10	1.70	1.00
Number	2	7	-	2	2	6	2	2	2	1	1	18	1
N, L, G	-	-	0,4,0	-	-	-	-	-	-	-	-	0,2,0	0,1,0
Std Dev.	.071	.607	-	-	-	.388	.001	.156	.071	-	-	.756	-
Coeff Var	4.877	31.500	-	-	-	27.081	.115	21.023	12.856	-	-	44.452	-
GX6 - Reference Sample													
Minimum	1.20	.50	-	-	1.00	.90	.20	-	.20	.20	.10	1.00	2.00
Maximum	1.40	2.00	-	-	2.00	1.80	.20	-	.20	.20	.10	2.50	2.00
Mean	1.30	1.75	-	-	1.50	1.50	.20	-	.20	.20	.10	1.68	2.00
Number	2	6	-	-	2	6	2	-	2	1	1	18	1
N, L, G	-	0,1,0	0,4,0	0,2,0	-	-	-	0,2,0	-	-	-	0,2,0	0,1,0
Std Dev.	.141	.612	-	-	.707	.329	-	-	-	-	-	.465	-
Coeff Var	10.879	34.993	-	-	47.140	21.909	-	-	-	-	-	27.601	-

Table 3. Statistical summary of geochemical data, analyses of Silver (Ag) in ppm.

Analysis	AA	AA	AA	AA	AA	DCP	DCP	EMS	FAA	XRF
Digestion	5	6	7	8	9	6 13	9 18		12	30
GX1 - Reference Sample										
Minimum	7.00	20.90	2.50	28.00	27.00	30.20	21.00	10.00	-	27.00
Maximum	42.00	45.00	39.00	40.00	37.00	34.00	23.00	62.00	-	30.00
Mean	30.21	31.44	25.98	32.46	30.62	31.88	22.25	35.42	-	28.50
Number	55	10	18	8	8	6	4	31	-	2
N, L, G	-	0,0,2	-	0,2,0	-	-	-	0,2,0	-	-
Std Dev.	6.567	9.419	11.557	4.778	3.815	1.613	.957	14.231	-	2.121
Coeff Var	21.736	29.959	44.490	14.717	12.457	5.059	4.303	40.178	-	7.443
GX2 - Reference Sample										
Minimum	5.00	15.50	1.00	14.80	16.00	17.60	15.00	6.00	-	14.00
Maximum	47.00	23.00	21.00	25.00	20.00	19.30	18.00	30.00	-	16.00
Mean	18.06	18.25	12.50	18.17	18.25	18.38	17.00	20.38	-	15.00
Number	53	10	16	10	8	6	4	32	-	2
N, L, G	-	0,0,2	0,2,0	0,2,0	-	-	-	0,2,0	-	-
Std Dev.	7.038	2.642	6.928	3.734	1.909	.618	1.414	6.519	-	1.414
Coeff Var	38.967	14.475	55.423	20.552	10.458	3.361	8.319	31.996	-	9.428
GX3 - Reference Sample										
Minimum	.20	4.00	1.20	.50	-	.20	.50	.53	.10	-
Maximum	8.00	5.00	4.10	3.00	-	.80	1.00	3.00	.16	-
Mean	2.57	4.17	2.94	2.53	-	.70	.88	1.45	.13	-
Number	45	6	14	7	-	6	4	9	2	-
N, L, G	2,6,0	0,4,2	0,4,0	0,3,0	0,4,0	-	-	0,25,0	-	0,2,0
Std Dev.	1.275	.408	1.020	.903	-	.245	.250	.936	.042	-
Coeff Var	49.634	9.798	34.753	35.719	-	34.993	28.571	64.575	32.636	-
GX4 - Reference Sample										
Minimum	2.00	2.70	1.40	1.00	5.00	3.00	4.50	1.90	-	-
Maximum	6.00	7.00	5.50	5.00	6.00	3.80	5.00	32.00	-	-
Mean	4.12	4.69	4.24	3.18	5.50	3.37	4.75	4.71	-	-
Number	52	10	14	14	2	6	4	30	-	-
N, L, G	-	0,0,2	0,4,0	-	0,2,0	-	-	0,4,0	-	0,2,0
Std Dev.	.784	1.727	1.223	1.310	.707	.294	.289	5.327	-	-
Coeff Var	19.034	36.814	28.832	41.208	12.856	8.745	6.077	113.093	-	-
GX5 - Reference Sample										
Minimum	.20	.60	.90	.50	-	.70	1.00	.50	.90	-
Maximum	6.00	3.00	2.10	1.70	-	.80	1.00	1.80	.90	-
Mean	1.56	1.68	1.65	1.43	-	.73	1.00	.84	.90	-
Number	49	8	10	7	-	6	4	13	2	-
N, L, G	2,4,0	0,2,2	0,7,0	0,3,0	0,4,0	-	-	0,20,0	-	0,2,0
Std Dev.	1.026	1.165	.484	.419	-	.052	-	.448	-	-
Coeff Var	65.688	69.532	29.310	29.343	-	7.042	-	53.189	-	-
GX6 - Reference Sample										
Minimum	.20	.20	.90	1.00	-	.10	.50	.50	.50	-
Maximum	3.00	5.00	2.70	32.00	-	.30	1.00	1.50	.50	-
Mean	1.31	1.98	1.77	9.97	-	.18	.63	1.02	.50	-
Number	42	9	10	7	-	6	4	6	2	-
N, L, G	2,8,0	0,1,2	0,7,0	0,3,0	0,8,0	-	-	0,28,0	-	0,2,0
Std Dev.	.609	1.801	.670	15.050	-	.075	.250	.531	-	-
Coeff Var	46.403	91.074	37.857	150.927	-	41.060	40.000	52.202	-	-

Table 3. Statistical summary of geochemical data, analyses of Sodium (Na) in ppm.

Analysis Digestion	EMS	NAA
GX1 - Reference Sample		
Minimum	1500.00	470.00
Maximum	1600.00	900.00
Mean	1575.00	630.00
Number	4	6
N, L, G	-	-
Std Dev.	50.000	209.571
Coeff Var	3.175	33.265
GX2 - Reference Sample		
Minimum	4200.00	5400.00
Maximum	5000.00	5600.00
Mean	4475.00	5546.67
Number	4	6
N, L, G	-	-
Std Dev.	377.472	77.618
Coeff Var	8.435	1.399
GX3 - Reference Sample		
Minimum	4600.00	6300.00
Maximum	4900.00	7960.00
Mean	4725.00	7051.67
Number	4	6
N, L, G	-	-
Std Dev.	149.951	716.680
Coeff Var	3.174	10.163
GX4 - Reference Sample		
Minimum	9900.00	5100.00
Maximum	10000.00	5700.00
Mean	9975.00	5428.33
Number	4	6
N, L, G	-	-
Std Dev.	50.385	213.387
Coeff Var	.505	3.931
GX5 - Reference Sample		
Minimum	7700.00	7100.00
Maximum	10000.00	7950.00
Mean	9425.00	7615.00
Number	4	6
N, L, G	-	-
Std Dev.	1150.017	405.151
Coeff Var	12.202	5.320
GX6 - Reference Sample		
Minimum	870.00	900.00
Maximum	1000.00	1040.00
Mean	937.50	978.33
Number	4	6
N, L, G	-	-
Std Dev.	53.151	62.746
Coeff Var	5.669	6.414

Table 3. Statistical summary of geochemical data, analyses of Sodium Oxide (Na2O) in percent.

Analysis		AA	AA	AA	AA	AA	AA	EMS	FMS	FMS	FMS	FMS	MICR
Digestion	32	10	11	12	23 4	7	8		10	12	3 18	8	23
GX1 - Reference Sample													
Minimum	.18	.08	.07	.16	.06	.10	.07	.20	.15	.07	.05	.09	.12
Maximum	.63	.09	.10	.16	.06	.11	.13	.22	.19	.13	.14	.09	.13
Mean	.40	.08	.09	.16	.06	.11	.09	.22	.17	.10	.09	.09	.13
Number	2	4	2	2	1	4	6	4	2	4	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.318	.005	.021	.000	-	.005	.028	.010	.028	.028	.044	-	.007
Coeff Var	78.567	6.061	24.957	.108	-	4.652	30.167	4.651	16.638	28.244	51.281	-	5.657
GX2 - Reference Sample													
Minimum	.26	.50	.47	1.02	.73	.21	.86	.57	.66	.70	.75	.85	.69
Maximum	.63	.70	.76	1.05	.73	.53	1.10	.68	.73	.90	.85	.94	.75
Mean	.44	.60	.61	1.03	.73	.30	.94	.61	.70	.80	.82	.89	.72
Number	2	4	2	2	1	4	6	4	2	4	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.262	.115	.205	.021	-	.154	.115	.052	.049	.093	.047	.064	.042
Coeff Var	58.793	19.245	33.344	2.048	-	51.280	12.173	8.540	7.121	11.618	5.719	7.111	5.893
GX3 - Reference Sample													
Minimum	1.13	.60	.72	1.29	1.13	1.08	1.08	.62	1.24	.92	1.00	1.08	1.16
Maximum	1.50	.80	.74	1.35	1.13	1.81	1.24	.66	1.28	1.13	1.11	1.28	1.21
Mean	1.32	.67	.73	1.32	1.13	1.40	1.14	.63	1.26	1.02	1.06	1.18	1.18
Number	2	4	2	2	1	4	6	4	2	4	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.262	.096	.014	.042	-	.340	.067	.019	.028	.103	.049	.141	.035
Coeff Var	19.896	14.184	1.936	3.214	-	24.360	5.874	3.016	2.245	10.081	4.570	11.985	2.983
GX4 - Reference Sample													
Minimum	.39	.60	.62	1.02	.71	.19	.75	1.30	.68	.76	.70	.77	.70
Maximum	.65	.90	.71	1.02	.71	.21	.95	1.40	.70	.83	.80	.77	.71
Mean	.52	.75	.66	1.02	.71	.20	.83	1.37	.69	.80	.76	.77	.70
Number	2	2	2	2	1	4	6	4	2	4	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.184	.212	.064	-	-	.010	.086	.050	.014	.029	.042	-	.007
Coeff Var	35.355	28.284	9.570	-	-	4.728	10.327	3.637	2.051	3.602	5.567	-	1.008
GX5 - Reference Sample													
Minimum	.05	.90	.74	1.40	.98	.40	1.12	1.00	.93	1.00	1.00	1.15	.99
Maximum	.63	1.10	.79	1.46	.98	.72	1.33	1.40	.94	1.11	1.16	1.24	1.01
Mean	.34	1.00	.76	1.43	.98	.56	1.22	1.30	.93	1.07	1.10	1.19	1.00
Number	2	3	2	2	1	4	6	4	2	3	4	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.410	.100	.035	.042	-	.179	.088	.200	.007	.061	.068	.064	.014
Coeff Var	120.624	10.000	4.623	2.967	-	31.977	7.234	15.385	.757	5.685	6.216	5.326	1.415
GX6 - Reference Sample													
Minimum	.10	.29	.09	.81	.11	.12	.17	.12	.20	.30	.13	-	.15
Maximum	.88	.40	.11	.84	.11	.14	.59	.14	.28	.33	.20	-	.16
Mean	.49	.33	.10	.82	.11	.13	.32	.13	.24	.31	.15	-	.15
Number	2	4	2	2	1	4	8	4	2	4	4	-	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	.552	.047	.014	.021	-	.008	.170	.008	.057	.013	.033	-	.007
Coeff Var	112.560	14.186	14.142	2.573	-	6.281	52.667	6.281	23.570	4.026	21.666	-	4.562

Table 3. Statistical summary of geochemical data, analyses of Sodium Oxide (Na2O) in percent.

Analysis	XRF	XRF
Digestion	23	30
GX1 - Reference Sample		
Minimum	-	-
Maximum	.16	.37
Mean	.07	.12
Number	9	3
N, L, G	0,6,0	0,4,0
Std Dev.	.077	.214
Coeff Var	102.985	173.205
GX2 - Reference Sample		
Minimum	.53	.62
Maximum	1.01	.96
Mean	.73	.76
Number	15	9
N, L, G	-	-
Std Dev.	.121	.129
Coeff Var	16.589	16.997
GX3 - Reference Sample		
Minimum	.48	.52
Maximum	1.44	1.19
Mean	1.11	.67
Number	14	9
N, L, G	-	-
Std Dev.	.298	.214
Coeff Var	26.926	31.857
GX4 - Reference Sample		
Minimum	.52	.57
Maximum	.89	.77
Mean	.73	.66
Number	15	7
N, L, G	-	-
Std Dev.	.117	.092
Coeff Var	15.979	14.036
GX5 - Reference Sample		
Minimum	.76	.83
Maximum	1.91	1.20
Mean	1.10	1.02
Number	15	9
N, L, G	-	-
Std Dev.	.310	.143
Coeff Var	28.067	14.016
GX6 - Reference Sample		
Minimum	-	.06
Maximum	.37	.16
Mean	.14	.10
Number	10	7
N, L, G	0,5,0	-
Std Dev.	.104	.039
Coeff Var	73.170	36.987

Table 3. Statistical summary of geochemical data, analyses of Strontium (Sr) in ppm.

Analysis		AA	AA	AA	EMS	NAA	XRF	XRF	XRF	XRF
Digestion	32	12	23	9			23	23 25	30	32
GX1 - Reference Sample										
Minimum	288.00	241.00	327.00	278.00	100.00	260.00	190.00	260.00	261.00	289.00
Maximum	288.00	280.00	329.00	300.00	850.00	270.00	284.00	260.00	358.00	289.00
Mean	288.00	260.50	328.00	293.17	281.41	265.00	228.40	260.00	293.50	289.00
Number	1	2	2	6	29	2	10	2	6	1
N, L, G	-	-	-	-	0,1,0	0,4,0	-	-	-	-
Std Dev.	-	27.577	1.414	9.347	153.529	7.071	35.964	-	43.196	-
Coeff Var	-	10.586	.431	3.188	54.556	2.668	15.746	-	14.718	-
GX2 - Reference Sample										
Minimum	168.00	94.00	144.00	142.00	100.00	150.00	132.00	150.00	159.00	174.00
Maximum	168.00	105.00	147.00	176.00	400.00	160.00	210.00	168.00	168.00	174.00
Mean	168.00	99.50	145.50	160.33	161.52	155.00	170.30	159.00	162.83	174.00
Number	1	2	2	6	23	2	10	2	6	1
N, L, G	-	-	-	-	0,7,0	0,4,0	-	-	-	-
Std Dev.	-	7.778	2.121	12.028	75.709	7.071	30.988	12.728	3.061	-
Coeff Var	-	7.817	1.458	7.502	46.873	4.562	18.196	8.005	1.880	-
GX3 - Reference Sample										
Minimum	920.00	749.00	1000.00	861.00	500.00	700.00	630.00	1080.00	840.00	914.00
Maximum	920.00	803.00	1050.00	980.00	2300.00	700.00	981.00	1100.00	1207.00	914.00
Mean	920.00	776.00	1025.00	936.17	1100.73	700.00	831.90	1090.00	960.83	914.00
Number	1	2	2	6	30	4	10	2	6	1
N, L, G	-	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	-	38.184	35.355	53.006	476.379	-	167.591	14.142	144.667	-
Coeff Var	-	4.921	3.449	5.662	43.278	-	20.146	1.297	15.056	-
GX4 - Reference Sample										
Minimum	240.00	227.00	217.00	178.00	100.00	200.00	228.00	250.00	235.00	262.00
Maximum	240.00	250.00	240.00	234.00	470.00	220.00	250.00	280.00	261.00	262.00
Mean	240.00	238.50	228.50	215.33	249.75	210.00	238.40	265.00	245.00	262.00
Number	1	2	2	6	28	2	10	2	6	1
N, L, G	-	-	-	-	0,2,0	0,4,0	-	-	-	-
Std Dev.	-	16.263	16.263	25.319	99.216	14.142	8.822	21.213	8.649	-
Coeff Var	-	6.819	7.117	11.758	39.726	6.734	3.700	8.005	3.530	-
GX5 - Reference Sample										
Minimum	120.00	138.00	102.00	110.00	41.00	110.00	109.00	100.00	112.00	119.00
Maximum	120.00	138.00	105.00	126.00	250.00	130.00	140.00	102.00	121.00	119.00
Mean	120.00	138.00	103.50	121.33	119.28	120.00	121.70	101.00	116.67	119.00
Number	1	1	2	6	18	2	10	2	6	1
N, L, G	-	-	-	-	0,12,0	0,4,0	-	-	-	-
Std Dev.	-	-	2.121	7.339	53.872	14.142	9.250	1.414	3.615	-
Coeff Var	-	-	2.050	6.049	45.165	11.785	7.601	1.400	3.098	-
GX6 - Reference Sample										
Minimum	40.00	35.00	41.00	31.00	20.00	33.00	30.00	-	37.00	53.00
Maximum	40.00	41.00	44.00	46.00	220.00	41.00	40.00	-	43.00	53.00
Mean	40.00	38.00	42.50	40.67	46.75	37.00	36.20	-	41.17	53.00
Number	1	2	2	6	16	2	10	-	6	1
N, L, G	-	-	-	-	0,14,0	0,4,0	-	0,2,0	-	-
Std Dev.	-	4.243	2.121	6.121	47.040	5.657	4.367	-	2.563	-
Coeff Var	-	11.165	4.991	15.052	100.620	15.289	12.062	-	6.225	-

Table 3. Statistical summary of geochemical data, analyses of Sulfur (S) in percent.

Analysis	COLO	GRAV	TITR	TITR	XRF	XRF
Digestion		34 2		29	23	30
GX1 - Reference Sample						
Minimum	.29	.24	.23	.27	.33	.31
Maximum	.32	.25	.28	.27	.33	.48
Mean	.31	.25	.26	.27	.33	.41
Number	6	2	13	2	1	4
N, L, G	-	-	-	-	-	-
Std Dev.	.013	.007	.020	.000	-	.076
Coeff Var	4.312	2.886	7.461	.064	-	18.502
GX2 - Reference Sample						
Minimum	.03	.03	.03	.05	.01	.04
Maximum	.04	.03	.04	.05	.01	.24
Mean	.04	.03	.03	.05	.01	.14
Number	6	2	13	2	1	4
N, L, G	-	-	-	-	-	-
Std Dev.	.004	.000	.004	-	-	.110
Coeff Var	10.650	.036	12.848	-	-	78.463
GX3 - Reference Sample						
Minimum	.24	.25	.17	.93	.32	.43
Maximum	.27	.26	1.80	1.27	.32	.55
Mean	.25	.25	.47	1.10	.32	.50
Number	6	2	13	2	1	4
N, L, G	-	-	-	-	-	-
Std Dev.	.012	.007	.548	.240	-	.057
Coeff Var	4.645	2.773	115.536	21.856	-	11.532
GX4 - Reference Sample						
Minimum	1.71	1.65	1.60	1.87	.92	1.61
Maximum	1.77	1.65	1.93	1.94	.92	2.55
Mean	1.74	1.65	1.79	1.90	.92	2.19
Number	6	2	13	2	1	4
N, L, G	-	-	-	-	-	-
Std Dev.	.025	.001	.104	.049	-	.446
Coeff Var	1.427	.042	5.851	2.598	-	20.352
GX5 - Reference Sample						
Minimum	.03	.03	.02	.03	.01	.05
Maximum	.04	.03	.03	.04	.01	.23
Mean	.03	.03	.03	.03	.01	.14
Number	7	2	13	2	1	4
N, L, G	-	-	-	-	-	-
Std Dev.	.005	.000	.004	.007	-	.101
Coeff Var	15.590	.036	14.050	20.203	-	70.961
GX6 - Reference Sample						
Minimum	.02	.02	.01	.01	.01	.07
Maximum	.02	.02	.03	.02	.01	.21
Mean	.02	.02	.02	.02	.01	.14
Number	6	2	12	2	1	4
N, L, G	-	-	0,1,0	-	-	-
Std Dev.	.000	.000	.005	.007	-	.081
Coeff Var	.111	.054	26.764	47.140	-	57.735

Table 3. Statistical summary of geochemical data, analyses of Sulfur Trioxide (SO3) in percent.

Analysis	XRF	XRF
Digestion	23	30
GX1 - Reference Sample		
Minimum	.43	.22
Maximum	.46	.83
Mean	.44	.35
Number	4	5
N, L, G	-	-
Std Dev.	.013	.270
Coeff Var	2.902	78.086
GX2 - Reference Sample		
Minimum	-	.03
Maximum	-	.03
Mean	-	.03
Number	-	5
N, L, G	0,4,0	-
Std Dev.	-	.001
Coeff Var	-	3.556
GX3 - Reference Sample		
Minimum	.47	.27
Maximum	.49	.80
Mean	.48	.38
Number	4	5
N, L, G	-	-
Std Dev.	.012	.235
Coeff Var	2.405	61.883
GX4 - Reference Sample		
Minimum	1.12	1.30
Maximum	2.54	2.31
Mean	1.83	1.51
Number	4	5
N, L, G	-	-
Std Dev.	.808	.448
Coeff Var	44.173	29.732
GX5 - Reference Sample		
Minimum	-	.03
Maximum	-	.03
Mean	-	.03
Number	-	5
N, L, G	0,4,0	-
Std Dev.	-	.001
Coeff Var	-	2.724
GX6 - Reference Sample		
Minimum	-	.02
Maximum	-	.02
Mean	-	.02
Number	-	5
N, L, G	0,4,0	-
Std Dev.	-	.002
Coeff Var	-	10.867

Table 3. Statistical summary of geochemical data, analyses of Tantalum (Ta) in ppm.

Analysis Digestion	EMS	NAA
GX1 - Reference Sample		
Minimum	-	.08
Maximum	-	.20
Mean	-	.14
Number	-	4
N, L, G	0,4,0	0,4,0
Std Dev.	-	.067
Coeff Var	-	46.681
GX2 - Reference Sample		
Minimum	-	.75
Maximum	-	1.00
Mean	-	.86
Number	-	6
N, L, G	0,4,0	0,2,0
Std Dev.	-	.113
Coeff Var	-	13.135
GX3 - Reference Sample		
Minimum	-	.25
Maximum	-	.31
Mean	-	.28
Number	-	4
N, L, G	0,4,0	0,4,0
Std Dev.	-	.032
Coeff Var	-	11.333
GX4 - Reference Sample		
Minimum	-	.75
Maximum	-	1.00
Mean	-	.84
Number	-	6
N, L, G	0,4,0	0,2,0
Std Dev.	-	.121
Coeff Var	-	14.295
GX5 - Reference Sample		
Minimum	-	.44
Maximum	-	.51
Mean	-	.49
Number	-	4
N, L, G	0,4,0	0,4,0
Std Dev.	-	.033
Coeff Var	-	6.838
GX6 - Reference Sample		
Minimum	-	.45
Maximum	-	.53
Mean	-	.48
Number	-	4
N, L, G	0,4,0	0,4,0
Std Dev.	-	.037
Coeff Var	-	7.623

Table 3. Statistical summary of geochemical data, analyses of Tellurium (Te) in ppm.

Analysis	AA	AA
Digestion	1 2	20
GX1 - Reference Sample		
Minimum	16.10	19.00
Maximum	16.10	19.00
Mean	16.10	19.00
Number	2	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-
GX2 - Reference Sample		
Minimum	3.30	.49
Maximum	3.30	.49
Mean	3.30	.49
Number	1	1
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-
GX3 - Reference Sample		
Minimum	.10	.01
Maximum	.12	.01
Mean	.11	.01
Number	2	1
N, L, G	-	-
Std Dev.	.014	-
Coeff Var	12.857	-
GX4 - Reference Sample		
Minimum	1.00	.74
Maximum	1.30	.74
Mean	1.15	.74
Number	2	1
N, L, G	-	-
Std Dev.	.212	-
Coeff Var	18.446	-
GX5 - Reference Sample		
Minimum	.13	.04
Maximum	.18	.04
Mean	.15	.04
Number	2	1
N, L, G	-	-
Std Dev.	.035	-
Coeff Var	22.810	-
GX6 - Reference Sample		
Minimum	.07	.07
Maximum	.09	.07
Mean	.08	.07
Number	2	1
N, L, G	-	-
Std Dev.	.011	-
Coeff Var	12.856	-

Table 3. Statistical summary of geochemical data, analyses of Terbium(Tb) in ppm.

Analysis Digestion	EMS	MS	NAA
GX1 - Reference Sample			
Minimum	-	1.10	.83
Maximum	-	1.10	.84
Mean	-	1.10	.84
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.001	.007
Coeff Var	-	.063	.843
GX2 - Reference Sample			
Minimum	-	.58	.47
Maximum	-	.75	.54
Mean	-	.66	.51
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.120	.049
Coeff Var	-	18.076	9.801
GX3 - Reference Sample			
Minimum	-	-	.27
Maximum	-	-	.35
Mean	-	-	.31
Number	-	-	2
N, L, G	0,4,0	-	-
Std Dev.	-	-	.057
Coeff Var	-	-	18.248
GX4 - Reference Sample			
Minimum	-	1.00	.52
Maximum	-	1.10	.55
Mean	-	1.05	.53
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.071	.021
Coeff Var	-	6.734	3.966
GX5 - Reference Sample			
Minimum	-	.79	.50
Maximum	-	.80	.53
Mean	-	.80	.51
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.007	.021
Coeff Var	-	.890	4.120
GX6 - Reference Sample			
Minimum	-	.34	.43
Maximum	-	.40	.44
Mean	-	.37	.44
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.042	.007
Coeff Var	-	11.467	1.625

Table 3. Statistical summary of geochemical data, analyses of Thallium (Tl) in ppm.

Analysis Digestion	EMS
GX1 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX2 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX3 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX4 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX5 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-
GX6 - Reference Sample	
Minimum	-
Maximum	-
Mean	-
Number	-
N, L, G	0,4,0
Std Dev.	-
Coeff Var	-

Table 3. Statistical summary of geochemical data, analyses of Thorium (Th) in ppm.

Analysis	COLO	EMS	NAA	XRF	XRF
Digestion	22			30	32
GX1 - Reference Sample					
Minimum	-	-	2.20	-	-
Maximum	-	-	3.10	-	-
Mean	-	-	2.71	-	-
Number	-	-	8	-	-
N, L, G	0,2,0	0,4,0	-	-	-
Std Dev.	-	-	.318	-	-
Coeff Var	-	-	11.749	-	-
GX2 - Reference Sample					
Minimum	7.00	-	7.90	9.00	8.00
Maximum	7.00	-	9.60	9.00	8.00
Mean	7.00	-	9.04	9.00	8.00
Number	1	-	8	2	1
N, L, G	0,1,0	0,4,0	-	0,2,0	-
Std Dev.	-	-	.663	-	-
Coeff Var	-	-	7.337	-	-
GX3 - Reference Sample					
Minimum	-	120.00	2.80	8.00	4.40
Maximum	-	190.00	3.80	10.00	4.40
Mean	-	152.50	3.20	9.00	4.40
Number	-	4	8	2	1
N, L, G	0,2,0	-	-	0,2,0	-
Std Dev.	-	29.861	.370	1.414	-
Coeff Var	-	19.581	11.573	15.713	-
GX4 - Reference Sample					
Minimum	12.00	-	6.20	25.00	29.00
Maximum	13.00	-	26.00	50.00	29.00
Mean	12.50	-	19.96	35.25	29.00
Number	2	-	8	4	1
N, L, G	-	0,4,0	-	-	-
Std Dev.	.707	-	8.516	11.983	-
Coeff Var	5.657	-	42.661	33.993	-
GX5 - Reference Sample					
Minimum	7.00	-	5.10	6.00	6.50
Maximum	8.00	-	6.30	20.00	6.50
Mean	7.50	-	5.88	10.75	6.50
Number	2	-	8	4	1
N, L, G	-	0,4,0	-	-	-
Std Dev.	.707	-	.439	6.397	-
Coeff Var	9.428	-	7.466	59.503	-
GX6 - Reference Sample					
Minimum	-	-	5.20	7.00	5.90
Maximum	-	-	6.10	7.00	5.90
Mean	-	-	5.67	7.00	5.90
Number	-	-	8	2	1
N, L, G	0,2,0	0,4,0	-	0,2,0	-
Std Dev.	-	-	.289	-	-
Coeff Var	-	-	5.092	-	-

Table 3. Statistical summary of geochemical data, analyses of Thulium (Tm) in ppm.

Analysis Digestion	EMS	MS	NAA
GX1 - Reference Sample			
Minimum	-	.77	.43
Maximum	-	.88	.43
Mean	-	.82	.43
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.078	-
Coeff Var	-	9.429	-
GX2 - Reference Sample			
Minimum	-	.29	.29
Maximum	-	.30	.31
Mean	-	.30	.30
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.007	.014
Coeff Var	-	2.397	4.714
GX3 - Reference Sample			
Minimum	-	.31	.19
Maximum	-	.35	.19
Mean	-	.33	.19
Number	-	2	1
N, L, G	0,4,0	-	-
Std Dev.	-	.028	-
Coeff Var	-	8.571	-
GX4 - Reference Sample			
Minimum	-	.32	.20
Maximum	-	.51	.22
Mean	-	.41	.21
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.134	.014
Coeff Var	-	32.374	6.734
GX5 - Reference Sample			
Minimum	-	.42	.26
Maximum	-	.54	.27
Mean	-	.48	.26
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.085	.007
Coeff Var	-	17.678	2.669
GX6 - Reference Sample			
Minimum	-	.34	.31
Maximum	-	.42	.32
Mean	-	.38	.31
Number	-	2	2
N, L, G	0,4,0	-	-
Std Dev.	-	.057	.007
Coeff Var	-	14.886	2.244

Table 3. Statistical summary of geochemical data, analyses of Tin (Sn) in ppm.

Analysis	AA	COLO	DCP	EMS	XRF	XRF
Digestion	28	28	6 13		23 25	30
GX1 - Reference Sample						
Minimum	64.00	25.00	-	20.00	460.00	34.00
Maximum	64.00	120.00	-	150.00	470.00	49.00
Mean	64.00	60.20	-	66.69	465.00	41.75
Number	1	10	-	39	2	4
N, L, G	-	0,2,0	0,6,0	0,2,0	-	0,2,0
Std Dev.	-	32.550	-	27.452	7.071	8.382
Coeff Var	-	54.070	-	41.161	1.521	20.076
GX2 - Reference Sample						
Minimum	-	7.00	-	1.50	110.00	1.00
Maximum	-	22.00	-	15.00	120.00	2.00
Mean	-	15.00	-	3.95	115.00	1.50
Number	-	11	-	14	2	2
N, L, G	0,1,0	0,3,0	0,6,0	0,27,0	-	0,4,0
Std Dev.	-	5.550	-	3.290	7.071	.707
Coeff Var	-	36.999	-	83.280	6.149	47.140
GX3 - Reference Sample						
Minimum	-	13.00	-	1.00	-	-
Maximum	-	192.00	-	24.00	-	-
Mean	-	108.58	-	10.54	-	-
Number	-	12	-	11	-	-
N, L, G	0,1,0	-	0,6,0	0,30,0	0,2,0	0,6,0
Std Dev.	-	68.082	-	7.937	-	-
Coeff Var	-	62.700	-	75.329	-	-
GX4 - Reference Sample						
Minimum	6.00	5.00	-	3.00	150.00	2.00
Maximum	6.00	30.00	-	20.00	160.00	2.00
Mean	6.00	15.20	-	10.24	155.00	2.00
Number	1	10	-	23	2	2
N, L, G	-	0,4,0	0,6,0	0,18,0	-	0,4,0
Std Dev.	-	7.569	-	4.870	7.071	-
Coeff Var	-	49.796	-	47.547	4.562	-
GX5 - Reference Sample						
Minimum	1.00	5.00	-	2.00	340.00	-
Maximum	1.00	24.00	-	15.00	350.00	-
Mean	1.00	12.50	-	6.30	345.00	-
Number	1	8	-	7	2	-
N, L, G	-	0,6,0	0,6,0	0,34,0	-	0,6,0
Std Dev.	-	6.908	-	5.974	7.071	-
Coeff Var	-	55.260	-	94.818	2.050	-
GX6 - Reference Sample						
Minimum	2.00	13.00	-	1.00	1080.00	3.00
Maximum	2.00	30.00	-	23.00	1080.00	3.00
Mean	2.00	19.67	-	7.46	1080.00	3.00
Number	1	6	-	9	2	2
N, L, G	-	0,8,0	0,6,0	0,32,0	-	0,4,0
Std Dev.	-	8.116	-	8.026	-	-
Coeff Var	-	41.267	-	107.652	-	-

Table 3. Statistical summary of geochemical data, analyses of Titanium (Ti) in ppm. (EMS results are in percent)

Analysis		AA	AA	AA	COLO	EMS	NAA	XRF	XRF	XRF
Digestion	32	10	12	23 4	26			23	23 25	30
GX1 - Reference Sample										
Minimum	1440.00	480.00	-	480.00	-	.02	630.00	300.00	270.00	400.00
Maximum	1440.00	480.00	-	480.00	-	1.00	670.00	360.00	300.00	800.00
Mean	1440.00	480.00	-	480.00	-	.10	650.00	330.00	285.00	600.00
Number	1	2	-	1	-	30	2	2	2	4
N, L, G	-	-	0,2,0	-	-	0,4,0	-	-	-	-
Std Dev.	-	-	-	-	-	.205	28.284	42.426	21.213	230.940
Coeff Var	-	-	-	-	-	204.169	4.351	12.856	7.443	38.490
GX2 - Reference Sample										
Minimum	1680.00	4500.00	2250.00	3000.00	2460.00	.05	2600.00	3180.00	3450.00	2700.00
Maximum	1680.00	4560.00	2500.00	3000.00	2940.00	.50	3000.00	3240.00	3570.00	3200.00
Mean	1680.00	4530.00	2375.00	3000.00	2700.00	.29	2800.00	3210.00	3510.00	2875.00
Number	1	2	2	1	2	34	2	2	2	4
N, L, G	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	42.426	176.771	-	339.411	.109	282.843	42.426	84.806	221.736
Coeff Var	-	.937	7.443	-	12.571	37.973	10.102	1.322	2.416	7.713
GX3 - Reference Sample										
Minimum	1980.00	1620.00	565.00	600.00	1860.00	.05	980.00	1020.00	1000.00	900.00
Maximum	2980.00	1740.00	615.00	600.00	1980.00	1.00	1100.00	1080.00	1000.00	900.00
Mean	2480.00	1680.00	590.00	600.00	1920.00	.14	1040.00	1050.00	1000.00	900.00
Number	2	2	2	1	2	34	2	2	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-
Std Dev.	707.107	84.853	35.355	-	84.853	.163	84.853	42.426	-	-
Coeff Var	28.512	5.051	5.992	-	4.419	120.548	8.159	4.041	-	-
GX4 - Reference Sample										
Minimum	1440.00	3660.00	1500.00	2940.00	2640.00	.05	2700.00	2940.00	3170.00	2900.00
Maximum	3600.00	3780.00	2000.00	2940.00	2820.00	1.00	2700.00	2940.00	3250.00	2900.00
Mean	2520.00	3720.00	1750.00	2940.00	2730.00	.30	2700.00	2940.00	3210.00	2900.00
Number	2	2	2	1	2	34	2	2	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-
Std Dev.	1527.351	84.853	353.553	-	127.279	.159	-	-	56.498	-
Coeff Var	60.609	2.281	20.203	-	4.662	53.862	-	-	1.760	-
GX5 - Reference Sample										
Minimum	120.00	3900.00	2000.00	2580.00	2580.00	.06	2100.00	2640.00	2940.00	2200.00
Maximum	4380.00	4020.00	2310.00	2580.00	3000.00	.40	2300.00	2640.00	2940.00	2900.00
Mean	2250.00	3960.00	2155.00	2580.00	2790.00	.21	2200.00	2640.00	2940.00	2550.00
Number	2	2	2	1	2	34	2	2	2	4
N, L, G	-	-	-	-	-	-	-	-	-	-
Std Dev.	3012.275	84.853	219.198	-	296.985	.075	141.421	-	-	351.188
Coeff Var	133.879	2.143	10.172	-	10.645	36.368	6.428	-	-	13.772
GX6 - Reference Sample										
Minimum	2980.00	8810.00	3830.00	5520.00	4860.00	.10	4800.00	5580.00	6450.00	4900.00
Maximum	3900.00	8970.00	4080.00	5520.00	4920.00	.63	5400.00	5640.00	6500.00	6600.00
Mean	3440.00	8890.00	3955.00	5520.00	4890.00	.40	5100.00	5610.00	6475.00	5675.00
Number	2	2	2	1	2	34	2	2	2	4
N, L, G	-	-	-	-	-	-	-	-	-	-
Std Dev.	650.538	112.570	176.771	-	42.426	.140	424.264	42.426	35.327	809.833
Coeff Var	18.911	1.266	4.470	-	.868	34.540	8.319	.756	.546	14.270

Table 3. Statistical summary of geochemical data, analyses of Titanium Dioxide (TiO2) in percent.

Analysis	COLO	EMS	MICR	XRF	XRF
Digestion	21 2		23	23	30
GX1 - Reference Sample					
Minimum	.20	.13	.05	.03	.04
Maximum	.22	.15	.05	.09	.06
Mean	.21	.14	.05	.06	.05
Number	2	4	2	13	7
N, L, G	-	-	-	-	-
Std Dev.	.014	.008	-	.018	.011
Coeff Var	6.734	5.832	-	30.388	23.385
GX2 - Reference Sample					
Minimum	.60	.27	.47	.49	.32
Maximum	.65	.45	.49	.68	.57
Mean	.63	.34	.48	.54	.42
Number	2	4	2	13	7
N, L, G	-	-	-	-	-
Std Dev.	.035	.079	.014	.059	.117
Coeff Var	5.656	23.693	2.946	10.982	28.189
GX3 - Reference Sample					
Minimum	.32	.10	.19	.15	.09
Maximum	.32	.11	.19	.18	.19
Mean	.32	.10	.19	.17	.13
Number	2	4	2	12	7
N, L, G	-	-	-	-	-
Std Dev.	.000	.008	-	.010	.050
Coeff Var	.054	7.229	-	6.118	37.127
GX4 - Reference Sample					
Minimum	.63	.45	.45	.47	.27
Maximum	.65	.55	.46	.51	.50
Mean	.64	.49	.45	.49	.37
Number	2	4	2	13	7
N, L, G	-	-	-	-	-
Std Dev.	.014	.042	.007	.013	.117
Coeff Var	2.211	8.659	1.554	2.700	31.724
GX5 - Reference Sample					
Minimum	.51	.25	.39	.37	.28
Maximum	.53	.33	.40	.58	.45
Mean	.52	.29	.39	.44	.35
Number	2	4	2	13	7
N, L, G	-	-	-	-	-
Std Dev.	.014	.039	.007	.066	.079
Coeff Var	2.718	13.204	1.790	15.104	22.741
GX6 - Reference Sample					
Minimum	.98	.38	.87	.87	.57
Maximum	.98	.47	.89	1.00	.99
Mean	.98	.42	.88	.93	.74
Number	2	4	2	13	7
N, L, G	-	-	-	-	-
Std Dev.	-	.037	.014	.045	.200
Coeff Var	-	8.699	1.604	4.800	27.147

Table 3. Statistical summary of geochemical data, analyses of Tungsten (W) in ppm.

Analysis	AA	AA	AA	AA	COLO	COLO	COLO	COLO	COLO	COLO	COLO	DCP	EMS
Digestion	12	21	26	9	10	10 1	21 2	22	24	26	32	6 13	
GX1 - Reference Sample													
Minimum	-	-	-	-	145.00	67.00	50.00	-	28.00	33.00	9.00	180.00	50.00
Maximum	-	-	-	-	145.00	67.00	200.00	-	40.00	33.00	68.00	200.00	480.00
Mean	-	-	-	-	145.00	67.00	110.00	-	35.25	33.00	45.33	191.33	174.15
Number	-	-	-	-	2	1	6	-	4	2	6	6	20
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	0,6,0
Std Dev.	-	-	-	-	-	-	72.042	-	5.852	-	26.028	7.789	142.276
Coeff Var	-	-	-	-	-	-	65.492	-	16.602	-	57.415	4.071	81.697
GX2 - Reference Sample													
Minimum	-	-	-	-	3.00	-	2.00	-	-	18.00	35.00	-	1.90
Maximum	-	-	-	-	4.00	-	2.00	-	-	18.00	38.00	-	150.00
Mean	-	-	-	-	3.50	-	2.00	-	-	18.00	36.50	-	62.23
Number	-	-	-	-	2	-	2	-	-	2	2	-	4
N, L, G	-	-	-	-	-	0,1,0	0,4,0	-	0,4,0	-	0,4,0	0,6,0	0,22,0
Std Dev.	-	-	-	-	.707	-	-	-	-	-	2.121	-	73.132
Coeff Var	-	-	-	-	20.203	-	-	-	-	-	5.812	-	117.528
GX3 - Reference Sample													
Minimum	11800.00	7500.00	9200.00	1.21	13000.00	6000.00	9000.00	11200.00	7507.00	2820.00	6750.00	8720.00	500.00
Maximum	12000.00	8000.00	10800.00	1.22	13500.00	6000.00	9000.00	11600.00	13200.00	2820.00	10444.00	11975.00	16000.00
Mean	11900.00	7750.00	10175.00	1.22	13250.00	6000.00	9000.00	11400.00	10449.25	2820.00	8390.67	10043.67	6775.00
Number	2	2	4	2	2	1	2	2	4	2	6	6	20
N, L, G	-	-	-	-	-	-	0,0,2	-	-	-	-	-	0,0,6
Std Dev.	141.308	353.553	776.234	.007	353.452	-	-	282.843	3180.135	-	1669.882	1107.207	5194.820
Coeff Var	1.187	4.562	7.629	.580	2.668	-	-	2.481	30.434	-	19.902	11.024	76.676
GX4 - Reference Sample													
Minimum	-	-	-	-	45.00	20.00	17.00	-	10.00	60.00	8.00	12.00	18.00
Maximum	-	-	-	-	45.00	20.00	40.00	-	40.00	60.00	63.00	16.00	250.00
Mean	-	-	-	-	45.00	20.00	31.17	-	23.00	60.00	28.00	14.00	115.17
Number	-	-	-	-	2	1	6	-	4	2	6	3	6
N, L, G	-	-	-	-	-	-	-	-	-	-	-	0,3,0	0,20,0
Std Dev.	-	-	-	-	-	-	10.741	-	15.362	-	26.023	2.000	108.418
Coeff Var	-	-	-	-	-	-	34.463	-	66.793	-	92.940	14.286	94.141
GX5 - Reference Sample													
Minimum	-	-	-	-	4.00	-	2.00	-	4.00	-	1.00	-	90.00
Maximum	-	-	-	-	4.00	-	20.00	-	12.00	-	35.00	-	180.00
Mean	-	-	-	-	4.00	-	11.00	-	8.00	-	14.33	-	135.00
Number	-	-	-	-	2	-	4	-	2	-	6	-	2
N, L, G	-	-	-	-	-	0,1,0	0,2,0	-	0,2,0	0,2,0	-	0,6,0	0,24,0
Std Dev.	-	-	-	-	-	-	10.392	-	5.657	-	15.565	-	63.640
Coeff Var	-	-	-	-	-	-	94.475	-	70.711	-	108.592	-	47.140
GX6 - Reference Sample													
Minimum	-	-	-	-	2.00	-	2.00	-	-	-	6.00	-	1000.00
Maximum	-	-	-	-	2.00	-	20.00	-	-	-	53.00	-	1000.00
Mean	-	-	-	-	2.00	-	11.00	-	-	-	29.25	-	1000.00
Number	-	-	-	-	2	-	4	-	-	-	4	-	2
N, L, G	-	-	-	-	-	0,1,0	0,2,0	-	0,4,0	0,2,0	0,2,0	0,6,0	0,24,0
Std Dev.	-	-	-	-	-	-	10.392	-	-	-	25.734	-	-
Coeff Var	-	-	-	-	-	-	94.475	-	-	-	87.980	-	-

Table 3. Statistical summary of geochemical data, analyses of Tungsten (W) in ppm.

Analysis	NAA	XRF	XRF
Digestion		23	30
GX1 - Reference Sample			
Minimum	170.00	680.00	36.00
Maximum	260.00	700.00	38.00
Mean	195.00	690.00	37.00
Number	6	2	2
N, L, G	-	-	-
Std Dev.	33.912	14.142	1.414
Coeff Var	17.391	2.050	3.822
GX2 - Reference Sample			
Minimum	1.80	-	-
Maximum	3.00	-	-
Mean	2.23	-	-
Number	3	-	-
N, L, G	0,3,0	0,2,0	0,2,0
Std Dev.	.666	-	-
Coeff Var	29.813	-	-
GX3 - Reference Sample			
Minimum	10600.00	11000.00	5260.00
Maximum	13000.00	13200.00	11700.00
Mean	11933.33	12225.00	8515.00
Number	6	4	4
N, L, G	-	-	-
Std Dev.	993.272	1144.196	3678.165
Coeff Var	8.324	9.359	43.196
GX4 - Reference Sample			
Minimum	35.00	250.00	36.00
Maximum	48.00	250.00	42.00
Mean	40.33	250.00	39.00
Number	6	2	2
N, L, G	-	-	-
Std Dev.	6.088	-	4.243
Coeff Var	15.095	-	10.879
GX5 - Reference Sample			
Minimum	.31	20.00	-
Maximum	.34	20.00	-
Mean	.32	20.00	-
Number	2	2	-
N, L, G	0,4,0	-	0,2,0
Std Dev.	.021	-	-
Coeff Var	6.527	-	-
GX6 - Reference Sample			
Minimum	.73	85.00	-
Maximum	.82	85.00	-
Mean	.78	85.00	-
Number	2	2	-
N, L, G	0,4,0	-	0,2,0
Std Dev.	.064	-	-
Coeff Var	8.212	-	-

Table 3. Statistical summary of geochemical data, analyses of Uranium (U) in ppm.

Analysis Digestion	COLO 22	COLO 4	DNA	EMS	FLUR 10	FLUR 22	FLUR 26	FLUR 32	FLUR 4	FLUR 5	FLUR 5 21	FLUR 8	NAA
GX1 - Reference Sample													
Minimum	34.00	12.70	31.05	-	23.00	30.00	26.90	18.00	18.00	15.00	27.00	31.00	30.00
Maximum	38.00	12.70	35.00	-	31.00	31.00	29.00	19.00	19.00	15.00	38.00	31.00	42.60
Mean	36.00	12.70	33.72	-	26.29	30.50	27.95	18.50	18.50	15.00	34.50	31.00	36.27
Number	2	2	4	-	7	2	2	2	2	2	4	1	8
N, L, G	-	-	-	0,4,0	-	-	-	-	-	-	-	-	-
Std Dev.	2.828	.016	1.817	-	3.044	.707	1.485	.707	.707	-	5.066	-	4.092
Coeff Var	7.857	.123	5.388	-	11.580	2.318	5.313	3.822	3.822	-	14.685	-	11.279
GX2 - Reference Sample													
Minimum	-	-	2.90	-	1.60	1.70	1.70	1.40	.90	1.50	2.00	1.90	2.60
Maximum	-	-	3.00	-	6.00	1.70	2.30	1.50	1.60	1.50	2.00	1.90	3.70
Mean	-	-	2.97	-	2.47	1.70	2.00	1.45	1.21	1.50	2.00	1.90	3.29
Number	-	-	4	-	7	2	2	2	6	2	4	1	8
N, L, G	0,2,0	0,2,0	-	0,4,0	-	-	-	-	-	-	-	-	-
Std Dev.	-	-	.049	-	1.563	-	.424	.071	.246	-	-	-	.432
Coeff Var	-	-	1.634	-	63.235	-	21.213	4.877	20.273	-	-	-	13.153
GX3 - Reference Sample													
Minimum	-	-	3.04	-	1.10	2.60	2.50	1.90	2.20	.80	2.00	3.30	2.70
Maximum	-	-	3.12	-	4.20	2.60	2.60	2.90	2.30	.80	2.00	3.30	3.80
Mean	-	-	3.07	-	2.04	2.60	2.55	2.40	2.25	.80	2.00	3.30	3.40
Number	-	-	4	-	7	2	2	2	2	2	4	1	8
N, L, G	0,2,0	0,2,0	-	0,4,0	-	-	-	-	0,2,0	-	-	-	-
Std Dev.	-	-	.038	-	1.000	-	.071	.707	.071	-	-	-	.460
Coeff Var	-	-	1.229	-	48.939	-	2.772	29.463	3.142	-	-	-	13.525
GX4 - Reference Sample													
Minimum	5.00	2.60	6.10	-	4.00	4.20	5.30	4.00	3.90	4.00	4.00	4.00	6.20
Maximum	5.00	2.60	6.51	-	7.60	4.20	6.20	4.10	5.10	4.50	7.00	4.00	7.00
Mean	5.00	2.60	6.27	-	5.20	4.20	5.75	4.05	4.38	4.25	5.60	4.00	6.58
Number	2	2	4	-	7	2	2	2	6	2	5	1	8
N, L, G	-	-	-	0,4,0	-	-	-	-	-	-	-	-	-
Std Dev.	-	-	.189	-	1.335	-	.636	.071	.440	.354	1.140	-	.333
Coeff Var	-	-	3.011	-	25.681	-	11.068	1.745	10.040	8.319	20.360	-	5.061
GX5 - Reference Sample													
Minimum	-	-	2.06	-	1.30	.80	2.00	1.40	1.20	1.50	1.00	2.50	2.20
Maximum	-	-	2.19	-	3.40	1.70	2.20	1.60	2.30	1.50	2.00	2.50	2.70
Mean	-	-	2.10	-	1.84	1.25	2.10	1.50	1.77	1.50	1.25	2.50	2.40
Number	-	-	4	-	5	2	2	2	6	2	4	1	8
N, L, G	0,2,0	0,2,0	-	0,4,0	0,2,0	-	-	-	-	-	-	-	-
Std Dev.	-	-	.060	-	.885	.636	.141	.141	.472	-	.500	-	.169
Coeff Var	-	-	2.837	-	48.091	50.912	6.734	9.428	26.710	-	40.000	-	7.043
GX6 - Reference Sample													
Minimum	-	-	1.52	-	.80	.80	1.30	.80	.50	.40	1.00	1.30	1.50
Maximum	-	-	1.62	-	2.60	.80	1.50	1.00	.80	.60	1.00	1.30	1.80
Mean	-	-	1.56	-	1.34	.80	1.40	.90	.67	.50	1.00	1.30	1.66
Number	-	-	4	-	5	2	2	2	6	2	2	1	8
N, L, G	0,2,0	0,2,0	-	0,4,0	0,2,0	-	-	-	-	-	0,2,0	-	-
Std Dev.	-	-	.043	-	.740	-	.141	.141	.119	.141	-	-	.092
Coeff Var	-	-	2.792	-	55.244	-	10.102	15.713	17.865	28.284	-	-	5.510

Table 3. Statistical summary of geochemical data, analyses of Uranium (U) in ppm.

Analysis	XRF	XRF
Digestion		30
GX1 - Reference Sample		
Minimum	34.00	52.00
Maximum	34.00	56.00
Mean	34.00	54.00
Number	1	2
N, L, G	-	-
Std Dev.	-	2.828
Coeff Var	-	5.238
GX2 - Reference Sample		
Minimum	3.50	7.00
Maximum	3.50	8.00
Mean	3.50	7.50
Number	1	2
N, L, G	-	-
Std Dev.	-	.707
Coeff Var	-	9.428
GX3 - Reference Sample		
Minimum	1.90	14.00
Maximum	1.90	20.00
Mean	1.90	17.00
Number	1	2
N, L, G	-	-
Std Dev.	-	4.243
Coeff Var	-	24.957
GX4 - Reference Sample		
Minimum	6.30	13.00
Maximum	6.30	15.00
Mean	6.30	14.00
Number	1	2
N, L, G	-	-
Std Dev.	-	1.414
Coeff Var	-	10.102
GX5 - Reference Sample		
Minimum	2.70	7.00
Maximum	2.70	9.00
Mean	2.70	8.00
Number	1	2
N, L, G	-	-
Std Dev.	-	1.414
Coeff Var	-	17.678
GX6 - Reference Sample		
Minimum	.60	9.00
Maximum	.60	9.00
Mean	.60	9.00
Number	1	2
N, L, G	-	-
Std Dev.	-	-
Coeff Var	-	-

Table 3. Statistical summary of geochemical data, analyses of Vanadium (V) in ppm.

Analysis	AA	AA	AA	AA	AA	COLO	DCP	EMS	NAA	XRF	XRF	XRF
Digestion	11	12	3	7	9	24	6 13			23	23 25	30
GX1 - Reference Sample												
Minimum	85.00	72.00	93.00	100.00	83.00	175.00	75.00	40.00	68.00	69.00	80.00	127.00
Maximum	85.00	90.00	93.00	100.00	91.00	250.00	80.00	250.00	92.00	93.00	85.00	132.00
Mean	85.00	81.75	93.00	100.00	87.00	212.50	77.33	84.21	81.67	78.57	82.50	129.50
Number	2	4	2	4	2	2	6	38	6	7	2	2
N, L, G	-	-	-	-	-	-	-	0,1,0	-	-	-	-
Std Dev.	-	9.605	-	-	5.657	53.033	2.338	43.419	8.430	9.361	3.536	3.536
Coeff Var	-	11.749	-	-	6.502	24.957	3.023	51.561	10.323	11.913	4.285	2.730
GX2 - Reference Sample												
Minimum	50.00	44.00	58.00	80.00	65.00	-	48.00	28.00	51.00	49.00	120.00	53.00
Maximum	50.00	52.00	60.00	80.00	71.00	-	53.00	110.00	68.00	58.00	125.00	57.00
Mean	50.00	48.25	59.00	80.00	68.00	-	49.67	55.76	56.83	53.14	122.50	55.00
Number	2	4	2	4	2	-	6	34	6	7	2	2
N, L, G	-	-	-	-	-	0,2,0	-	0,4,0	-	-	-	-
Std Dev.	-	3.500	1.414	-	4.243	-	2.251	19.355	6.969	3.625	3.536	2.828
Coeff Var	-	7.254	2.397	-	6.239	-	4.532	34.708	12.262	6.822	2.886	5.143
GX3 - Reference Sample												
Minimum	46.00	32.00	50.00	80.00	49.00	100.00	30.00	10.00	16.00	40.00	60.00	53.00
Maximum	52.00	41.00	50.00	80.00	51.00	150.00	42.00	100.00	42.00	51.00	60.00	59.00
Mean	49.00	36.50	50.00	80.00	50.00	125.00	33.00	48.97	24.83	44.80	60.00	56.00
Number	2	4	2	4	2	2	6	35	6	5	2	2
N, L, G	-	-	-	-	-	-	-	0,4,0	-	-	-	-
Std Dev.	4.243	5.196	-	-	1.414	35.355	4.690	17.937	11.197	3.962	-	4.243
Coeff Var	8.658	14.236	-	-	2.828	28.284	14.213	36.627	45.087	8.844	-	7.576
GX4 - Reference Sample												
Minimum	85.00	80.00	89.00	80.00	92.00	150.00	78.00	30.00	82.00	80.00	140.00	91.00
Maximum	90.00	88.00	95.00	100.00	98.00	200.00	92.00	200.00	95.00	96.00	140.00	92.00
Mean	87.50	83.00	92.00	90.00	95.00	175.00	84.67	89.64	88.17	84.86	140.00	91.50
Number	2	4	2	4	2	2	6	36	6	7	2	2
N, L, G	-	-	-	-	-	-	-	0,3,0	-	-	-	-
Std Dev.	3.536	3.830	4.243	11.547	4.243	35.355	5.007	36.779	5.269	5.843	-	.707
Coeff Var	4.041	4.614	4.612	12.830	4.466	20.203	5.913	41.030	5.977	6.886	-	.773
GX5 - Reference Sample												
Minimum	55.00	50.00	56.00	40.00	65.00	75.00	46.00	20.00	39.00	52.00	120.00	53.00
Maximum	55.00	53.00	61.00	60.00	65.00	150.00	58.00	110.00	63.00	62.00	125.00	57.00
Mean	55.00	51.50	58.50	55.00	65.00	112.50	51.17	55.71	54.00	54.86	122.50	55.00
Number	2	4	2	4	2	2	6	35	6	7	2	2
N, L, G	-	-	-	-	-	-	-	0,4,0	-	-	-	-
Std Dev.	-	1.732	3.536	10.000	-	53.033	4.446	22.155	9.879	3.338	3.536	2.828
Coeff Var	-	3.363	6.044	18.182	-	47.140	8.689	39.766	18.295	6.085	2.886	5.143
GX6 - Reference Sample												
Minimum	193.00	167.00	184.00	200.00	226.00	150.00	180.00	70.00	170.00	184.00	280.00	209.00
Maximum	200.00	190.00	190.00	200.00	230.00	250.00	209.00	300.00	200.00	202.00	300.00	216.00
Mean	196.50	178.00	187.00	200.00	228.00	200.00	200.50	178.51	189.17	191.29	290.00	212.50
Number	2	4	2	4	2	2	6	39	6	7	2	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	4.950	11.225	4.243	-	2.828	70.711	10.672	61.431	12.007	7.610	14.142	4.950
Coeff Var	2.519	6.306	2.269	-	1.241	35.355	5.323	34.413	6.347	3.978	4.877	2.329

Table 3. Statistical summary of geochemical data, analyses of Ytterbium (Yb) in ppm.

Analysis	EMS	MS	NAA	XRF
Digestion				23
GX1 - Reference Sample				
Minimum	1.50	3.40	1.80	4.10
Maximum	2.50	3.80	3.00	4.10
Mean	2.05	3.60	2.30	4.10
Number	4	2	8	1
N, L, G	-	-	-	-
Std Dev.	.526	.283	.474	-
Coeff Var	25.658	7.857	20.648	-
GX2 - Reference Sample				
Minimum	2.10	1.50	1.86	2.10
Maximum	2.70	1.60	2.30	2.10
Mean	2.30	1.55	2.03	2.10
Number	6	2	8	1
N, L, G	-	-	-	-
Std Dev.	.228	.071	.150	-
Coeff Var	9.914	4.562	7.372	-
GX3 - Reference Sample				
Minimum	.33	1.60	.74	45.00
Maximum	.44	1.80	1.08	45.00
Mean	.38	1.70	.96	45.00
Number	4	2	8	1
N, L, G	-	-	-	-
Std Dev.	.047	.141	.124	-
Coeff Var	12.090	8.319	12.994	-
GX4 - Reference Sample				
Minimum	1.20	2.10	1.00	3.10
Maximum	2.20	2.20	1.80	3.10
Mean	1.85	2.15	1.27	3.10
Number	6	2	8	1
N, L, G	-	-	-	-
Std Dev.	.362	.071	.332	-
Coeff Var	19.564	3.288	26.088	-
GX5 - Reference Sample				
Minimum	1.80	2.00	1.66	3.60
Maximum	2.50	2.00	2.00	3.60
Mean	2.05	2.00	1.91	3.60
Number	6	2	8	1
N, L, G	-	-	-	-
Std Dev.	.266	-	.147	-
Coeff Var	12.998	-	7.715	-
GX6 - Reference Sample				
Minimum	2.20	1.70	1.96	2.80
Maximum	3.50	1.80	2.70	2.80
Mean	2.75	1.75	2.18	2.80
Number	6	2	8	1
N, L, G	-	-	-	-
Std Dev.	.532	.071	.322	-
Coeff Var	19.345	4.041	14.747	-

Table 3. Statistical summary of geochemical data, analyses of Yttrium (Y) in ppm.

Analysis		DCP	EMS	XRF	XRF	XRF
Digestion	32	6 13		23	30	32
GX1 - Reference Sample						
Minimum	2.00	30.00	20.00	-	31.00	18.00
Maximum	2.00	35.00	70.00	-	35.00	18.00
Mean	2.00	32.67	37.11	-	33.00	18.00
Number	1	6	28	-	2	1
N, L, G	-	-	0,2,0	0,4,0	2,3,0	-
Std Dev.	-	2.338	13.014	-	2.828	-
Coeff Var	-	7.157	35.071	-	8.571	-
GX2 - Reference Sample						
Minimum	3.80	12.00	9.00	-	21.00	18.00
Maximum	3.80	17.00	25.00	-	22.00	18.00
Mean	3.80	13.67	15.54	-	21.50	18.00
Number	1	6	26	-	2	1
N, L, G	-	-	0,5,0	0,4,0	2,2,0	-
Std Dev.	-	1.751	4.338	-	.707	-
Coeff Var	-	12.814	27.918	-	3.289	-
GX3 - Reference Sample						
Minimum	14.00	8.00	9.00	10.00	10.00	-
Maximum	14.00	14.00	31.00	30.00	19.00	-
Mean	14.00	11.33	19.04	17.00	13.33	-
Number	1	6	27	3	6	-
N, L, G	-	-	0,4,0	0,3,0	-	0,1,0
Std Dev.	-	2.066	6.537	11.269	4.033	-
Coeff Var	-	18.226	34.337	66.291	30.249	-
GX4 - Reference Sample						
Minimum	18.00	12.00	6.00	10.00	17.00	-
Maximum	18.00	16.00	20.00	30.00	19.00	-
Mean	18.00	14.00	14.95	18.50	17.83	-
Number	1	6	22	6	6	-
N, L, G	-	-	0,9,0	-	-	0,1,0
Std Dev.	-	1.789	4.359	9.247	.753	-
Coeff Var	-	12.778	29.146	49.982	4.221	-
GX5 - Reference Sample						
Minimum	20.00	12.00	6.00	10.00	12.00	17.00
Maximum	20.00	13.00	23.00	18.00	20.00	17.00
Mean	20.00	12.67	14.25	14.00	15.83	17.00
Number	1	6	20	4	6	1
N, L, G	-	-	0,11,0	0,2,0	-	-
Std Dev.	-	.516	4.610	4.619	3.189	-
Coeff Var	-	4.077	32.349	32.991	20.138	-
GX6 - Reference Sample						
Minimum	18.00	8.00	9.00	10.00	13.00	11.00
Maximum	18.00	8.00	23.00	20.00	20.00	11.00
Mean	18.00	8.00	13.58	15.80	17.17	11.00
Number	1	6	17	5	6	1
N, L, G	-	-	0,10,0	0,1,0	-	-
Std Dev.	-	-	4.642	4.266	2.639	-
Coeff Var	-	-	34.180	27.001	15.375	-

Table 3. Statistical summary of geochemical data, analyses of Zinc (Zn) in ppm.

Analysis		AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Digestion	32	1	10	11	12	12 18 1	13	14	16	17	3	32	4
GX1 - Reference Sample													
Minimum	527.00	690.00	700.00	842.00	725.00	860.00	740.00	765.00	701.30	120.00	747.00	790.00	250.00
Maximum	527.00	812.00	850.00	842.00	905.00	880.00	830.00	780.00	943.00	120.00	747.00	790.00	940.00
Mean	527.00	750.00	792.87	842.00	798.00	870.00	793.33	772.50	822.15	120.00	747.00	790.00	619.73
Number	1	4	15	1	10	2	6	2	2	2	1	1	49
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	63.896	45.947	-	69.810	14.142	31.018	10.607	170.908	-	-	-	150.506
Coeff Var	-	8.519	5.795	-	8.748	1.626	3.910	1.373	20.788	-	-	-	24.286
GX2 - Reference Sample													
Minimum	482.00	440.00	500.00	425.00	455.00	580.00	470.00	510.00	565.70	280.00	501.00	455.00	330.00
Maximum	482.00	562.00	695.00	550.00	654.00	610.00	572.00	525.00	725.00	310.00	501.00	455.00	834.00
Mean	482.00	503.00	561.53	509.00	554.70	595.00	515.33	517.50	645.35	295.00	501.00	455.00	534.22
Number	1	4	19	5	10	2	6	2	2	2	1	1	50
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	67.102	44.521	49.229	67.621	21.213	35.702	10.607	112.643	21.213	-	-	100.205
Coeff Var	-	13.340	7.929	9.672	12.191	3.565	6.928	2.050	17.455	7.191	-	-	18.757
GX3 - Reference Sample													
Minimum	76.00	204.00	200.00	210.00	175.00	260.00	200.00	215.00	73.00	37.00	239.00	155.00	55.00
Maximum	76.00	220.00	240.00	269.00	270.00	280.00	260.00	220.00	175.00	40.00	239.00	155.00	248.00
Mean	76.00	211.50	217.47	234.50	217.10	270.00	232.17	217.50	124.00	38.50	239.00	155.00	165.30
Number	1	4	16	4	10	2	6	2	2	2	1	1	46
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	6.608	10.079	29.445	31.021	14.142	21.526	3.536	72.125	2.121	-	-	39.059
Coeff Var	-	3.124	4.635	12.556	14.289	5.238	9.272	1.626	58.165	5.510	-	-	23.629
GX4 - Reference Sample													
Minimum	59.00	75.00	72.00	54.00	61.00	76.00	73.00	81.00	72.50	40.00	-	55.00	28.00
Maximum	59.00	85.00	88.00	70.00	87.00	78.00	110.00	82.00	72.50	43.00	-	55.00	110.00
Mean	59.00	80.25	79.13	60.50	73.60	77.00	83.33	81.50	72.50	41.50	-	55.00	70.44
Number	1	4	15	4	10	2	6	2	1	2	-	1	49
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	4.113	4.980	7.188	9.709	1.414	13.352	.707	-	2.121	-	-	12.398
Coeff Var	-	5.125	6.294	11.881	13.192	1.837	16.022	.868	-	5.112	-	-	17.601
GX5 - Reference Sample													
Minimum	53.00	40.00	51.00	40.00	43.00	63.00	53.00	55.00	40.30	24.00	47.00	35.00	17.00
Maximum	53.00	50.00	76.00	64.80	69.00	66.00	100.00	55.00	40.30	31.00	47.00	35.00	66.29
Mean	53.00	47.00	61.27	50.36	56.33	64.50	66.17	55.00	40.30	27.50	47.00	35.00	43.85
Number	1	4	20	5	9	2	6	2	1	2	1	1	49
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	4.761	6.766	9.075	10.283	2.121	17.646	-	-	4.950	-	-	9.199
Coeff Var	-	10.130	11.042	18.019	18.255	3.289	26.668	-	-	17.999	-	-	20.979
GX6 - Reference Sample													
Minimum	124.00	115.00	117.00	108.00	107.00	130.00	118.00	118.00	98.80	13.00	102.00	90.00	37.00
Maximum	124.00	130.00	145.00	115.00	175.00	160.00	210.00	122.00	118.80	14.00	102.00	90.00	136.00
Mean	124.00	123.00	134.47	111.50	135.30	145.00	146.50	120.00	108.80	13.50	102.00	90.00	99.41
Number	1	4	16	4	10	2	6	2	2	2	1	1	47
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	-	6.164	6.587	3.109	22.336	21.213	34.034	2.828	14.142	.707	-	-	20.761
Coeff Var	-	5.012	4.898	2.788	16.509	14.630	23.231	2.357	12.998	5.238	-	-	20.885

Table 3. Statistical summary of geochemical data, analyses of Zinc (Zn) in ppm.

Analysis Digestion	AA 5	AA 6	AA 7	AA 8	AA 9	COLO 24	COLO 6	DCP 6 13	DCP 9 18	EMS	ICPE 5	XRF 23	XRF 23 25
GX1 - Reference Sample													
Minimum	475.00	-	489.00	680.00	709.00	153.00	200.00	770.00	710.00	275.00	-	698.00	350.00
Maximum	980.00	-	920.00	2210.00	1000.00	156.00	540.00	886.00	850.00	2000.00	-	847.00	360.00
Mean	763.75	-	767.52	965.05	825.15	154.50	370.00	833.33	775.00	848.45	-	754.17	355.00
Number	65	-	33	20	13	2	2	6	4	29	-	6	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	97.707	-	116.107	422.512	75.664	2.121	240.416	39.786	70.475	415.959	-	71.113	7.071
Coeff Var	12.793	-	15.128	43.781	9.170	1.373	64.977	4.774	9.093	49.026	-	9.429	1.992
GX2 - Reference Sample													
Minimum	437.52	445.00	380.00	441.00	450.00	141.00	200.00	576.00	560.00	200.00	120.00	590.00	630.00
Maximum	760.00	670.00	600.00	1475.00	800.00	149.00	590.00	614.00	620.00	745.00	873.00	648.00	670.00
Mean	549.09	550.83	521.09	630.22	561.46	145.00	395.00	595.67	590.00	472.05	538.43	620.83	650.00
Number	63	12	33	23	13	2	2	6	4	37	61	6	2
N, L, G	-	-	-	-	-	-	-	-	-	-	-	-	-
Std Dev.	59.184	67.314	55.441	252.953	94.827	5.657	275.772	15.832	29.439	157.192	114.423	19.914	28.284
Coeff Var	10.779	12.220	10.639	40.137	16.889	3.901	69.816	2.658	4.990	33.299	21.251	3.208	4.351
GX3 - Reference Sample													
Minimum	83.00	170.00	149.00	182.00	202.00	65.00	24.00	220.00	250.00	80.00	-	67.00	75.00
Maximum	390.00	230.00	280.00	605.00	300.00	68.00	84.00	240.00	280.00	500.00	-	241.00	80.00
Mean	206.23	206.67	215.94	260.62	243.15	66.50	54.00	229.00	265.00	224.08	-	180.83	77.50
Number	60	12	33	21	13	2	2	6	4	25	-	6	2
N, L, G	-	-	-	-	-	-	-	-	-	0,13,0	-	-	-
Std Dev.	48.452	18.112	35.520	110.981	30.911	2.121	42.426	6.782	12.910	99.446	-	87.445	3.536
Coeff Var	23.494	8.764	16.449	42.584	12.712	3.190	78.567	2.962	4.872	44.379	-	48.356	4.562
GX4 - Reference Sample													
Minimum	52.00	69.00	56.00	60.00	74.00	62.00	70.00	114.00	98.00	35.00	50.00	74.00	50.00
Maximum	130.00	94.00	82.00	320.00	300.00	65.00	84.00	126.00	110.00	130.00	250.00	105.00	70.00
Mean	71.96	76.62	73.65	99.98	103.69	63.50	77.00	119.67	101.75	72.58	135.57	93.00	60.00
Number	64	13	31	21	13	2	2	6	4	19	46	6	2
N, L, G	-	-	-	-	-	-	-	-	-	0,19,0	-	-	-
Std Dev.	10.616	9.260	5.897	73.666	68.096	2.121	9.899	4.457	5.560	21.892	58.072	14.805	14.142
Coeff Var	14.752	12.087	8.007	73.683	65.671	3.341	12.856	3.725	5.465	30.163	42.837	15.920	23.570
GX5 - Reference Sample													
Minimum	25.00	40.00	35.00	50.00	47.00	48.00	36.00	51.00	74.00	48.00	-	56.00	60.00
Maximum	95.00	60.00	60.00	175.00	200.00	51.00	130.00	59.00	77.00	125.00	-	82.00	80.00
Mean	44.97	47.43	46.26	69.62	81.15	49.50	83.00	54.83	75.50	61.24	-	72.17	70.00
Number	67	14	31	21	13	2	2	6	4	17	-	6	2
N, L, G	-	-	-	-	-	-	-	-	-	0,21,0	-	-	-
Std Dev.	10.279	6.583	5.645	33.072	53.751	2.121	66.468	2.639	1.291	17.890	-	12.222	14.142
Coeff Var	22.858	13.881	12.203	47.504	66.233	4.285	80.082	4.814	1.710	29.216	-	16.935	20.203
GX6 - Reference Sample													
Minimum	72.00	100.00	93.00	110.00	129.00	58.00	50.00	130.00	180.00	42.00	-	129.00	120.00
Maximum	205.00	130.00	250.00	1095.00	300.00	62.00	60.00	140.00	190.00	191.00	-	158.00	130.00
Mean	119.87	116.83	115.06	214.90	168.46	60.00	55.00	134.17	182.50	129.26	-	148.00	125.00
Number	66	12	33	21	13	2	2	6	4	19	-	6	2
N, L, G	-	-	-	-	-	-	-	-	-	0,19,0	-	-	-
Std Dev.	22.517	9.013	26.064	278.939	62.693	2.828	7.071	3.430	5.000	32.010	-	12.377	7.071
Coeff Var	18.784	7.715	22.652	129.797	37.215	4.714	12.856	2.557	2.740	24.764	-	8.363	5.657

Table 3. Statistical summary of geochemical data, analyses of Zinc (Zn) in ppm.

Analysis	XRF
Digestion	30
GX1 - Reference Sample	
Minimum	576.00
Maximum	916.00
Mean	767.25
Number	8
N, L, G	-
Std Dev.	123.141
Coeff Var	16.050
GX2 - Reference Sample	
Minimum	540.00
Maximum	1120.00
Mean	710.75
Number	8
N, L, G	-
Std Dev.	253.543
Coeff Var	35.673
GX3 - Reference Sample	
Minimum	103.00
Maximum	250.00
Mean	203.38
Number	8
N, L, G	-
Std Dev.	60.406
Coeff Var	29.702
GX4 - Reference Sample	
Minimum	71.00
Maximum	113.00
Mean	87.12
Number	8
N, L, G	-
Std Dev.	13.799
Coeff Var	15.838
GX5 - Reference Sample	
Minimum	54.00
Maximum	78.00
Mean	61.25
Number	8
N, L, G	-
Std Dev.	8.860
Coeff Var	14.465
GX6 - Reference Sample	
Minimum	130.00
Maximum	174.00
Mean	147.00
Number	8
N, L, G	-
Std Dev.	15.910
Coeff Var	10.823

Table 3. Statistical summary of geochemical data, analyses of Zirconium (Zr) in ppm.

Analysis		EMS	NAA	XRF	XRF	XRF
Digestion	32			23	30	32
GX1 - Reference Sample						
Minimum	42.00	10.00	64.00	20.00	16.00	45.00
Maximum	42.00	420.00	68.00	60.00	58.00	45.00
Mean	42.00	49.40	66.00	33.33	36.10	45.00
Number	1	25	2	3	10	1
N, L, G	-	0,3,0	-	0,5,0	-	-
Std Dev.	-	79.208	2.828	23.094	13.178	-
Coeff Var	-	160.339	4.285	69.282	36.504	-
GX2 - Reference Sample						
Minimum	228.00	100.00	190.00	229.00	229.00	298.00
Maximum	228.00	730.00	200.00	278.00	295.00	298.00
Mean	228.00	226.32	195.00	251.38	270.83	298.00
Number	1	28	2	8	12	1
N, L, G	-	-	-	-	-	-
Std Dev.	-	116.648	7.071	16.978	21.178	-
Coeff Var	-	51.541	3.626	6.754	7.820	-
GX3 - Reference Sample						
Minimum	108.00	30.00	-	70.00	50.00	59.00
Maximum	108.00	320.00	-	90.00	79.00	59.00
Mean	108.00	105.18	-	80.00	66.75	59.00
Number	1	28	-	4	8	1
N, L, G	-	-	-	0,4,0	0,2,0	-
Std Dev.	-	67.556	-	8.165	9.809	-
Coeff Var	-	64.230	-	10.206	14.695	-
GX4 - Reference Sample						
Minimum	174.00	70.00	200.00	180.00	177.00	246.00
Maximum	174.00	300.00	210.00	244.00	246.00	246.00
Mean	174.00	168.07	205.00	198.38	211.92	246.00
Number	1	28	2	8	12	1
N, L, G	-	-	-	-	-	-
Std Dev.	-	67.528	7.071	24.495	18.333	-
Coeff Var	-	40.178	3.449	12.348	8.651	-
GX5 - Reference Sample						
Minimum	147.00	65.00	120.00	123.00	139.00	185.00
Maximum	147.00	220.00	150.00	179.00	184.00	185.00
Mean	147.00	113.96	135.00	146.25	168.25	185.00
Number	1	28	2	8	12	1
N, L, G	-	-	-	-	-	-
Std Dev.	-	40.746	21.213	17.442	14.436	-
Coeff Var	-	35.754	15.713	11.926	8.580	-
GX6 - Reference Sample						
Minimum	115.00	50.00	98.00	96.00	98.00	145.00
Maximum	115.00	190.00	114.00	135.00	152.00	145.00
Mean	115.00	93.39	106.00	115.88	135.25	145.00
Number	1	28	2	8	12	1
N, L, G	-	-	-	-	-	-
Std Dev.	-	38.077	11.314	12.822	15.662	-
Coeff Var	-	40.771	10.673	11.066	11.580	-

Table 4.--Laboratories furnishing data listed in statistical summary of geochemical data

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