



Geological Survey of Canada Open File 2860 (Parts of NTS 105A)

Canada - Yukon Mineral Resource Development Cooperation Agreement (1991-1996)

REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL RECONNAISSANCE DATA SOUTHEASTERN YUKON



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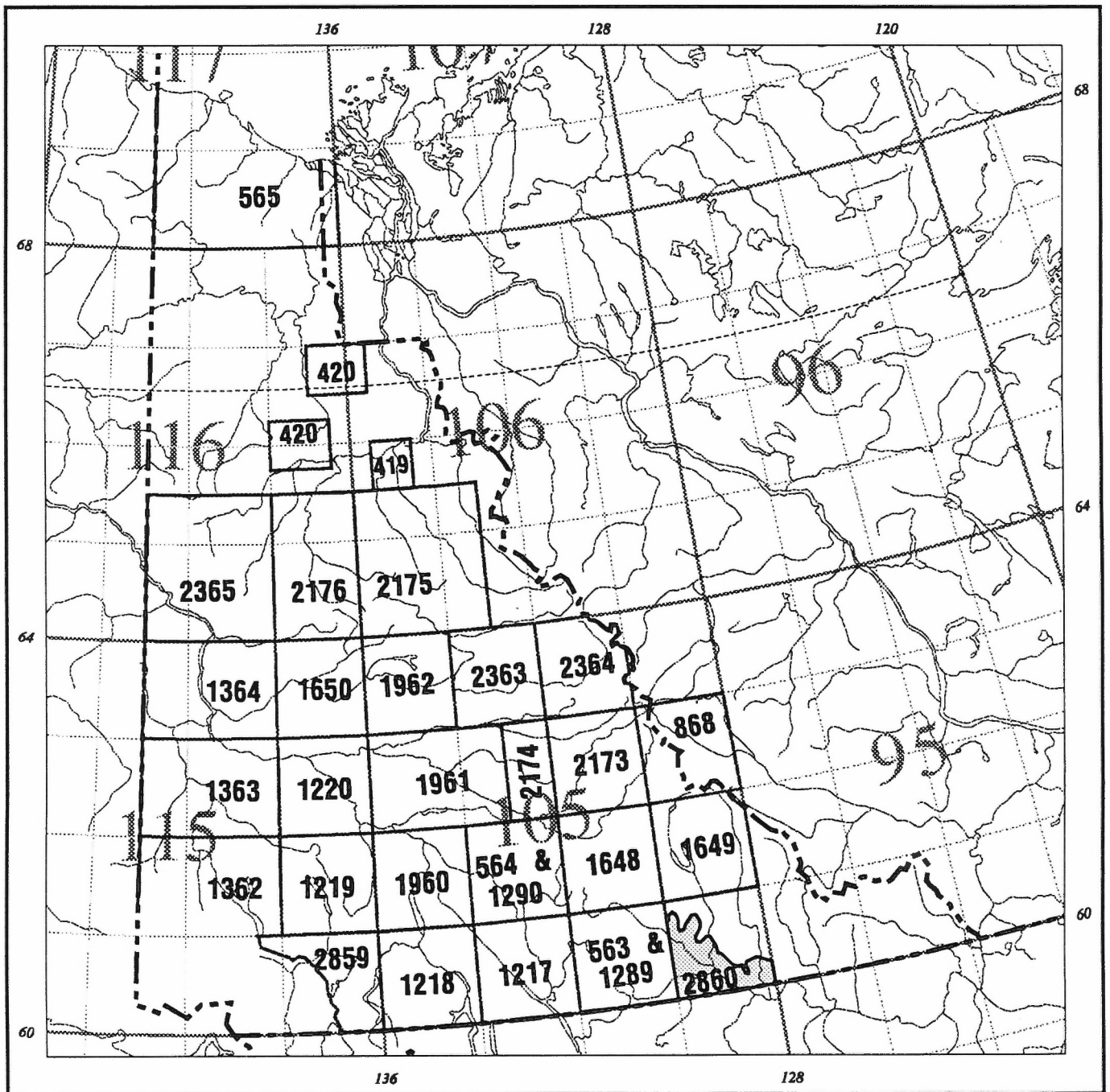
Contribution to Canada - Yukon Mineral Resource Development Cooperation Agreement (1991-1996),
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Contribution à l'Entente de coopération Canada - Yukon sur l'exploitation minière (1991-1996),
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Yukon
Government

Canada

**NATIONAL GEOCHEMICAL RECONNAISSANCE
LAKE SEDIMENT AND WATER GEOCHEMICAL DATA
YUKON 1994
GEOLOGICAL SURVEY OF CANADA OPEN FILE 2860
PARTS OF NTS 105A**



**National Topographic System reference and index to adjoining
geochemical reconnaissance surveys**

Open File 2860 represents a contribution to the Canada-Yukon Mineral Resource Development Cooperation Agreement (1991-1996), a subsidiary agreement under the Canada-Yukon Economic Development Agreement. This project was managed by the Geological Survey of Canada.

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GSC OPEN FILE 2860
REGIONAL LAKE SEDIMENT AND WATER GEOCHEMICAL DATA
YUKON NTS 105A

INTRODUCTION

Open File 2860 presents analytical and statistical data for 35 elements in lake sediments from 205 sample sites in Yukon Territory. Loss-on-ignition in sediments, and uranium, fluoride, and pH values in waters from these sites are included in this report. Open File 2860 contains geochemical data from an area in the southeastern part of the territory sampled in 1993 under the Canada - Yukon Mineral Resource Development Cooperation Agreement (1991-1996).

The reconnaissance surveys were managed by the Geological Survey of Canada.

Regional geochemical surveys have been carried out by the GSC in Yukon since 1976. A total of 28 open files have been published or are in publication, covering approximately 331 930 km². Areas surveyed, with associated open file numbers, are shown in Fig. 1. Fig. 2 shows cross-Canada coverage. Data from all open files are available on 3.5 or 5.25 inch diskettes and in the original published form.

Analytical results and field observations are used to build a national geochemical data base for resource assessment, mineral exploration, geological mapping and environmental studies. Sample collection, preparation procedures and analytical methods are strictly specified and carefully monitored to ensure consistent and reliable results regardless of the area, the year or the analytical laboratory.

CREDITS

P.W.B. Friske coordinated the activities of contract and GSC staff.

Contracts were let to the following companies for sample preparation, original analyses and/or reanalyses and were managed by Geological Survey of Canada staff as follows:

- Collection: *GSC Staff*
- Preparation: Bondar-Clegg & Company Limited
Gloucester, Ontario
J.J. Lynch (GSC)
- Analysis: Becquerel Laboratories
Mississauga, Ontario
- Cantech Laboratories Inc.
Calgary, Alberta

Bondar-Clegg & Company Limited
Gloucester, Ontario

J.J. Lynch (GSC)

M. McCurdy edited open files and coordinated open file production.

H. Gross provided computer processing support.

C.C. Durham, S.J. Day, S. Carberry, and R. Balma provided technical assistance.

DESCRIPTION OF SURVEY AND SAMPLE MANAGEMENT

Helicopter-supported sample collection was carried out during the summer of 1993. Lake sediment and water samples were collected at an average density of one sample per 27.25 km² throughout the 5 587 square kilometres covered by the survey.

Samples were arranged in groups (blocks) of twenty. Each group of twenty contained site duplicate samples, that is, two samples from a single site; the group also contained an analytical duplicate sample pair (a single site sample split and placed in two non-adjacent sample vials). Finally, each group included a control reference sample. The functions of these samples are described in the section titled, **Presentation and Interpretation of Gold Data**. Field observations were recorded on standard forms used by the Geological Survey of Canada (Garrett, 1974).

Site positions were marked on 1:50 000 scale NTS maps in the field and later digitized at the Geological Survey of Canada in Ottawa to obtain Universal Transverse Mercator (UTM) coordinates. The dominant rock types in the lake catchment basins were identified on appropriate geological maps used as the bedrock geological base on NGR maps.

In Ottawa, field dried samples were air-dried and crushed: particle reduction was accomplished using a ceramic puck mill. The minus 80 mesh (177 micron) fraction was obtained and used for subsequent analyses. At this time, control reference and blind (analytical) duplicate samples were inserted into each block of twenty sediment samples. For the water samples, only control reference samples were inserted into the block. There were no blind duplicate water samples.

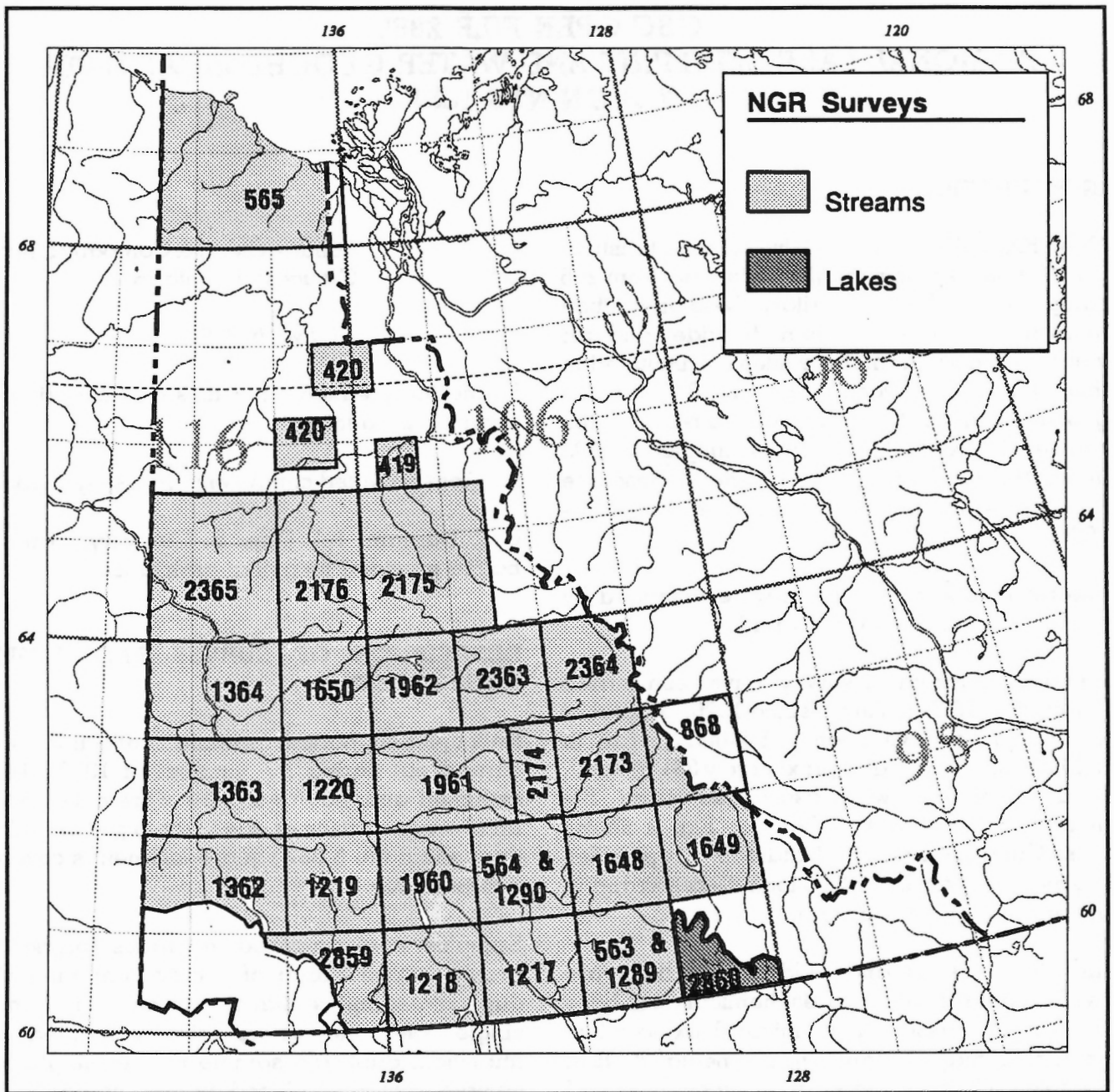


Fig. 1. Areas of Yukon covered by geochemical surveys, showing current GSC open file numbers.

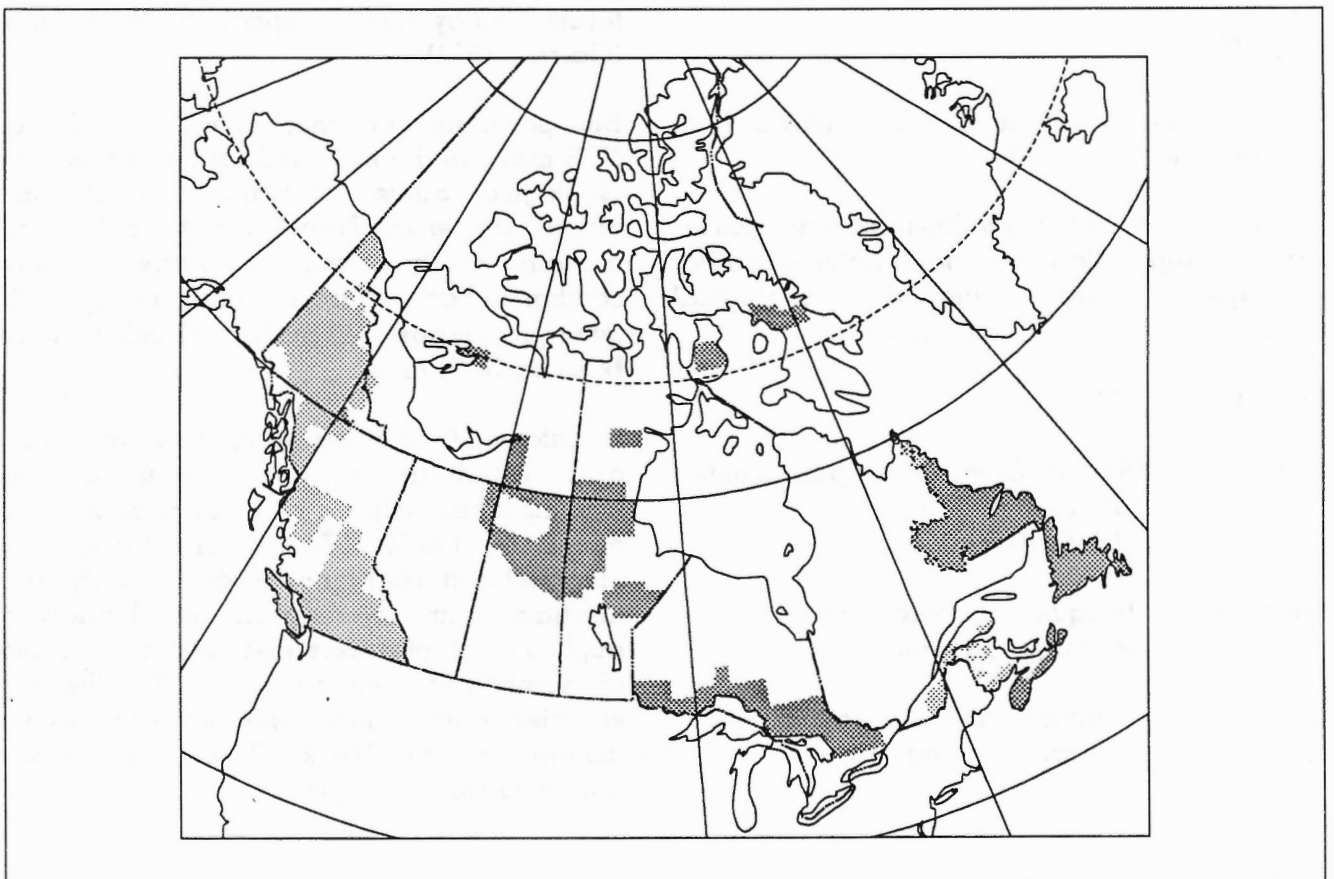


Fig. 2. Drainage surveys to National Geochemical Reconnaissance standards.

Analytical data from labs were monitored for reliability with standard methods used by the Applied Geochemistry Subdivision at the GSC.

ANALYTICAL PROCEDURES

Instrumental Neutron Activation Analysis (INAA)

Weighed and encapsulated samples are packaged for irradiation along with internal standards and international reference materials. Samples and standards are irradiated together with neutron flux monitors in a two-megawatt pool-type reactor. After a seven day decay period, samples are measured on a high resolution germanium detector. Computer control is achieved with a Microvax II computer. Typical counting times are 500 seconds. Elements determined by INAA include: Ag, As, Au, Ba, Br, Cd, Ce, Co, Cr, Cs, Eu, Fe, Hf, Ir, La, Lu, Mo, Na, Ni, Rb, Sb, Sc, Se, Sm, Sn, Ta, Tb, Te, Th, U, W, Yb, Zn, and Zr. The sample weights are also reported. Data for Ag, Cd, Ir, Mo, Ni, Se, Sn, Te, Zn, and Zr are not published because of inadequate detection limits and/or precision.

Atomic Absorption Spectroscopy (AAS) and Other Analyses

For the determination of Zn, Cu, Pb, Ni, Co, Ag, Mn, Fe, and Cd, a 1 g sample is reacted with 6 mL of a mixture of 4M HNO₃ and M HCl in a test tube over night at room temperature. After digestion, the test tube is immersed in a hot water bath at room temperature and brought up to 90° C and held at this temperature for 2 hours with periodic shaking. The sample solution is then diluted to 20 mL with metal-free water and mixed. Zn, Cu, Pb, Ni, Co, Ag, Mn, Fe and Cd are determined by atomic absorption spectroscopy using an air-acetylene flame. Background corrections are made for Pb, Ni, Co, Ag and Cd.

Molybdenum and vanadium are determined by atomic absorption spectroscopy using a nitrous oxide acetylene flame. A 0.5 g sample is reacted with 1.5 mL concentrated HNO₃ in a test tube overnight at room temperature. After digestion, the test tube is immersed in a hot water bath at room temperature and brought up to 90 degrees C and held at this temperature for 30 minutes with periodic shaking. At this point, 0.5 ml concentrated HCl is added and the digestion continued at 90° C for an additional 90 minutes. After cooling, 8 ml of 1250 ppm Al solution are added and the sample solution diluted to 10 ml before aspiration.

Mercury is determined by the Hatch and Ott procedure with some modifications. The method is described by Jonasson et al. (1973). A 0.5 g

sample is reacted with 20 mL concentrated HNO₃ and 1 mL concentrated HCl in a test tube for 10 minutes at room temperature prior to 2 hours of digestion with mixing at 90° C in a hot water bath. After digestion, the sample solutions are cooled and diluted to 100 mL with metal-free water. The Hg present is reduced to the elemental state by the addition of 10 mL 10% w/v SnSO₄ in M H₂SO₄. The Hg vapour is then flushed by a stream of air into an absorption cell mounted in the light path of an atomic absorption spectrophotometer. Absorption measurements are made at 253.7 nm.

Loss-on-ignition is determined using a 500 mg sample. The sample, weighed into 30 mL beaker, is placed in a cold muffle furnace and brought up to 500° C over a period of 2 -3 hours. The sample remains at this temperature for 4 hours and then allowed to cool to room temperature for weighing.

Fluorine is determined in lake sediments as described by Ficklin (1970). A 250 mg sample is sintered with 1 g of a flux consisting of two parts by weight sodium carbonate and one part by weight potassium nitrate. The residue is then leached with water. The sodium carbonate is neutralized with 10 mL 10% (w/v) citric acid and the resulting solution is diluted to 100 mL with water. The fluoride in the resulting solution is then measured using a fluoride ion electrode. Standard solutions contain sodium carbonate and citric acid in the same quantities as the sample solution.

Water Analyses

Fluoride in lake water samples is determined using a fluoride electrode. Prior to measurement, an aliquot of the sample is mixed with an equal volume of TISAB II buffer solution (total ionic strength adjustment buffer). The TISAB II buffer solution is prepared as follows: to 50 mL metal-free water add 57 mL glacial acetic acid, 58 g NaCl and 4 g CDTA (cyclohexylene dinitrilo tetraacetic acid). Stir to dissolve and cool to room temperature. Using a pH meter, adjust the pH between 5.0 and 5.5 by slowly adding 5 M NaOH solution. Cool and dilute to one litre in a volumetric flask.

Hydrogen ion activity (pH) is measured with a combination glass-calomel electrode and a pH meter.

Uranium in waters is determined by a laser-induced fluorometric method using a Scintrex UA-3 uranium analyzer. A complexing agent, known commercially as Fluran and composed of sodium pyrophosphate and sodium monophosphate (Hall, 1979) is added to produce the uranyl pyrophosphate species which fluoresces when exposed to the laser. Since organic matter in the sample can cause

unpredictable behaviour, a standard addition method is used. Further, the reaction of uranium with Fluran can be delayed or sluggish; for this reason an arbitrary 24 hour time delay between the addition of the Fluran and the actual reading is incorporated into this method. In practice, 500 microlitres of Fluran solution are added to a 5 mL sample and allowed to stand for 24 hours. At the end of this period fluorescence readings are made with the addition of 0.0, 0.2 and 0.4 ppb U. For high samples the additions are 0.0, 2.0 and 4.0 (20 microlitre aliquots of either 55 or 550 ppb U are used). All readings are taken against a sample blank.

Table 1 provides a summary of analytical data and methods.

COMPARISON OF DATA PRODUCED BY TWO METHODS

The data listed in II-1 to II-18 allows users to make a comparison of data generated by two different analytical methods for a couple of elements. Before attempting such a comparison some caution should be exercised.

The 'wet chemistry' data for Co and Fe were obtained by AAS using a partial extraction (HNO_3 and HCl). The data for these elements obtained by INAA produces 'total' data. Hence, the 'wet chemistry' data will likely be somewhat lower than the INAA data.

PRESENTATION AND INTERPRETATION OF GOLD DATA

The following general discussion reviews the format used to present the gold geochemical data and outlines some important points to consider when interpreting this data. This discussion is included in recognition of the special geochemical behaviour and mode of occurrence of gold in nature and the resultant difficulties in obtaining and analyzing samples which reflect the actual concentration level at a given site.

Samples that have gold values that are statistically above approximately the 90th percentile, or those with LOI values below 10%, are normally analyzed again in accordance with standard NGR procedures. **There will be no repeat data published in Open File 2860 however, as insufficient material remained after the initial neutron activation analyses.** The correct interpretation of gold geochemical data from regional stream sediment or lake sediment surveys requires an appreciation of the unique chemical and physical characteristics of gold and its mobility in the surficial environment. Key properties of gold that distinguish its geochemical behaviour from most other elements (Harris, 1982) include:

- 1) Gold occurs most commonly in the native form which is chemically and physically resistant. A significant proportion of the metal is dispersed in a micron-sized particulate form, and the high specific gravity of gold results in a heterogeneous distribution, especially in stream sediment and clastic-rich (low LOI) lake sediment environments. In organic-rich fluvial and lake sediments, gold distribution appears to be more homogeneous.
- 2) Gold typically occurs at low concentrations in the ppb range. Whereas gold concentrations of only a few ppm may represent economic deposits, background levels in stream and centre-lake sediments seldom exceed 10 ppb, and commonly are near the detection limit of 2 ppb.

These factors result in a particle sparsity effect wherein very low concentrations of gold are heterogeneously enriched or depleted in the surficial environment. Hence, a major problem facing the geochemist is to obtain a representative sample. In general, in areas where concentrations of gold in sediments are low, and/or grain sizes of the gold present relatively high, proportionally larger samples are required to reduce the uncertainty between subsample analytical values and actual values. Conversely, as actual gold concentrations increase or grain size decreases, the number of gold particles to be shared in random subsamples increases and variability of results decreases (Clifton et al., 1969; Harris, 1982). The limited amount of material collected during the rapid, reconnaissance-style regional surveys and the need to analyze for a broad spectrum of elements, precludes the use of a significantly large sample weight for the gold analyses. Therefore, to obtain representative samples, grain size is reduced by sieving and milling of the dried sediments. The following control methods are currently employed to evaluate and monitor the sampling and analytical variability which are inherent in the analysis of gold in geochemical media:

- (1) For each block of 20 samples:
 - (a) random insertion of a standard reference sample to control analytical accuracy and long-term precision;
 - (b) collection of a field duplicate (two samples from one site) to measure sampling and analytical variance;
 - (c) analysis of a second subsample (blind duplicate) from one sample to measure and control short-term precision or analytical variance.

Table 1. Summary of Analytical Data and Methods

ELEMENT		DETECTION LEVEL		METHOD
<u>SEDIMENTS:</u>				
Ag	Silver	0.2	ppm	AAS
As	Arsenic	0.5	ppm	INAA
Au	Gold	2	ppb	INAA
AuWt	Sample Weight	0.01	g	-
Ba	Barium	50	ppm	INAA
Br	Bromine	0.5	ppm	INAA
Cd	Cadmium	0.2	ppm	AAS
Ce	Cerium	5	ppm	INAA
Co	Cobalt	2	ppm	AAS
Co	Cobalt	5	ppm	INAA
Cr	Chromium	20	ppm	INAA
Cs	Cesium	0.5	ppm	INAA
Cu	Copper	2	ppm	AAS
Eu	Europium	1	ppm	INAA
F	Fluorine	40	ppm	ISE
Fe	Iron	0.02	pct	AAS
Fe	Iron	0.2	pct	INAA
Hf	Hafnium	1	ppm	INAA
Hg	Mercury	5	ppb	CV-AAS
La	Lanthanum	2	ppm	INAA
LOI	Loss-on-ignition	1.0	pct	GRAV
Lu	Lutetium	0.2	ppm	INAA
Mn	Manganese	5	ppm	AAS
Mo	Molybdenum	2	ppm	AAS
Na	Sodium	0.02	pct	INAA
Ni	Nickel	2	ppm	AAS
Pb	Lead	2	ppm	AAS
Rb	Rubidium	5	ppm	INAA
Sb	Antimony	0.1	ppm	INAA
Sc	Scandium	0.2	ppm	INAA
Sm	Samarium	0.1	ppm	INAA
Ta	Tantalum	0.5	ppm	INAA
Tb	Terbium	0.5	ppm	INAA
Th	Thorium	0.2	ppm	INAA
U	Uranium	0.2	ppm	INAA
V	Vanadium	5	ppm	AAS
W	Tungsten	1	ppm	INAA
Yb	Ytterbium	2	ppm	INAA
Zn	Zinc	2	ppm	AAS
<u>WATERS:</u>				
F-W	Fluoride	20	ppb	ISE
pH	Hydrogen ion activity	-	-	GCM
U-W	Uranium	0.05	ppb	LIF

- AAS - atomic absorption spectrometry
- CV-AAS - cold vapour / atomic absorption spectrometry
- GCM - glass Calomel electrode and pH meter
- GRAV - gravimetry
- INAA - Instrumental Neutron Activation Analysis
- ISE - ion selective electrode
- LIF - laser-induced fluorescence

In summary, geochemical follow-up investigations for gold should be based on a careful consideration of all geological and geochemical information, and especially a careful appraisal of gold geochemical data and its variability. In some instances, prospective follow-up areas may be indirectly identified by pathfinder element associations in favourable geology, although an analogous gold response due to natural variability may be lacking. Once an anomalous area has been identified, field investigations should be designed to include detailed geochemical follow-up surveys and collection of large representative samples. Subsequent repeat subsample analyses will increase the reliability of results and permit a better understanding of natural variability which can then be used to improve sampling methods and interpretation.

FIELD DATA LEGEND

Table 2 describes the field and map information appearing on the following pages preceding the analytical data for each sample site.

REFERENCES

- Clifton, H.E., Hunter, R.E., Swanson, F.J., and Phillips, R.L. (1969) Sample size and meaningful gold analysis; U.S. Geological Survey Professional Paper 625-C.
- Ficklin, W.H. (1970) A rapid method for the determination of fluoride in rocks and soils, using an ion selective electrode; U.S. Geol. Surv. Paper 700C, pp. 186-188.
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- Hall, G.E.M. (1979) A study of the stability of uranium in waters collected from various geological environments in Canada; in Current Research, Part A, Geological Survey of Canada Paper 79-1A, pp. 361-365.
- Harris, J.F. (1982) Sampling and analytical requirements for effective use of geochemistry in exploration for gold; in Levinson, A.A., Editor, Precious Metals in the Northern Cordillera, proceedings of a symposium sponsored by the Association of Exploration Geochemists and the Cordilleran Section of the Geological Association of Canada, pp. 53-67.
- Jonasson, L.R., Lynch, J.J. and Trip, L.J. (1973) Field and laboratory methods used by the Geological Survey of Canada in geochemical surveys; No. 12, Mercury in Ores, Rocks, Soils, Sediments and Water, Geol. Surv. Can. Paper 73-21.
- Wheeler, J.O. and McFeely, P. (comp.) (1991) Tectonic Assemblage Map of the Canadian Cordillera and adjacent parts of the United States of America; Geological Survey of Canada, Map 1712A, scale 1:2 000 000.

TABLE 2. Field Observations Legend

FIELD RECORD	DEFINTTION	TEXT CODE
MAP	National Topographic System (NTS): lettered quadrangle (1:250 000 or 1:50 000 scale) Part of sample number	105A
SAMPLE ID	Remainder of sample number: Year Field crew Sample sequence number	93 1 001-999
REP STAT	Replicate status; the relationship of the sample to others within the analytical block of 20: Routine regional sample First of field duplicate Second of field duplicate	00 10 20
ZN	Zone (7 to 22)	
UTM	Universal Transverse Mercator (UTM) Coordinate System; digitized sample location coordinates.	
EASTING	UTM Easting in metres	
NORTHING	UTM Northing in metres	
ROCK UNIT	Major rock type of catchment area: CENOZOIC Tertiary and Quaternary alkali basalt and peralkaline trachyte-comendite shield volcanoes; alkali olivine basalt cones with lherzolite nodules; flows and tuyas; nonmarine Palaeogene shale, siltstone, sandstone, conglomerate, local lignite, marl and dacitic volcanics; nonmarine PALAEOZOIC Devonian - Triassic variably sheared, ophiolite-like assemblage of oceanic, alkalic to transitional pillowed basalt, tuff, breccia, serpentized peridotite and gabbro, radiolarian chert, argillite and volcanic clastics; marine Devonian - Mississippian westerly-derived, chert-pebble conglomerate, chertz-quartz sandstone, pebbly mudstone, blue-black siliceous shale, locally containing barite, brown shale, alkaline trachyte and rhyolite flows, breccia, tuff, pillow basalt and breccia; chert and limestone; marine and nonmarine Upper Proterozoic - Triassic sheared conglomerate with lenses of Upper Triassic limestone and sandstone and clasts of gneissic granites and metamorphic rocks and Upper Triassic and Paleozoic carbonate; Pennsylvanian and Permian carbonate, and chloritic quartz grit; Lower Mississippian felsic metavolcanics, dark grey phyllite and quartzite, and older micaceous feldspathic quartzite, schist, marble; all variably mylonitized; marine Cambrian - Devonian resistant dolomite, limestone, and local sandstone interbedded with recessive red, green, and grey shale and detrital carbonate that together form several carbonate-shale grand cycles. These pass westward into offshelf shale, siltstone and thin-bedded carbonate with minor alkalic tuff, breccia and amygdaloidal basalt of Cambrian, Cambro-Ordovician, Silurian, and Devonian ages but mainly of Ordovician age; marine	TQE PgTS DTrS DME PTrNK CDR/CDRC

FIELD RECORD	DEFINITION	TEXT CODE
ROCK UNIT (continued)	<p>Upper Proterozoic - Lower Cambrian upper unit: blue-grey, apple-green and maroon slate with minor siltstone and sandstone; lower unit: interbedded graded sequence of sandstone, locally conglomeratic, and shale with limestone in upper part; marine shallow-water crossbedded orthoquartzite, feldspathic quartzite, locally graded-bedded quartzite, quartz-pebble conglomerate, mafic flows, breccia and tuff overlain by interbedded quartzite, siltstone, shale, and limestone with archeocyathid reefs; metamorphic equivalents; marine . . .</p> <p>PRECAMBRIAN Upper Proterozoic graded-bedded assemblage of interbedded quartz-feldspar grit, sandstone, siltstone and shale, commonly maroon and green; diamictite in Rocky Mountains, limestone in upper part, local greenstone flows, breccia and tuff, and metamorphic equivalents; marine</p>	<p>PCH</p> <p>PCGC</p> <p>uPWC</p>
ROCK AGE	<p>Predominant age of rock type in catchment area:</p> <p>Tertiary and Quaternary 63</p> <p>Palaeogene 57</p> <p>Devonian - Triassic 40</p> <p>Devonian - Mississippian 29</p> <p>Upper Proterozoic - Triassic 97</p> <p>Cambrian - Devonian 09</p> <p>Upper Proterozoic - Lower Cambrian 08</p> <p>Upper Proterozoic 04</p>	
LAKE AREA	<p>The area of the water body sampled:</p> <p>Pond pond</p> <p>1/4 to 1 square kilometre25-1</p> <p>1 to 5 square kilometres 1-5</p> <p>greater than 5 square kilometres >5</p>	
LAKE DEPTH	<p>Distance in metres from the surface of the lake to the bottom 0 - 99</p>	
TERRAIN RELIEF	<p>Relief of lake catchment basin:</p> <p>Low Low</p> <p>Medium Med</p> <p>High Hi</p>	
SAMPLE CONT	<p>Contamination; human or natural:</p> <p>None -</p> <p>Work Wo</p> <p>Camp Ca</p> <p>Fuel Fu</p> <p>Gossan Go</p>	
SAMPLE COLOUR	<p>Sediment sample colour; up to two colours may be selected:</p> <p>Tan Tan</p> <p>Yellow Yellow</p> <p>Green Green</p> <p>Grey Grey</p> <p>Brown Brown</p> <p>Black Black</p>	
SUSPEND MAT'L	<p>Suspended matter in water:</p> <p>None -</p> <p>Light Light</p> <p>Heavy Heavy</p>	

FIELD RECORD	DEFINITION	TEXT CODE
Miscellaneous	Refers to missing data in any field no sample material for analysis parts per million parts per billion percent weight (of sample) gram	* ns ppm ppb pct Wt g

Map Sample ID	Rep Stat	Zone	East	North	UTM Northing	Rock Unit	Age	Area	Depth	Terrain Relief	Sample Cont	Sample Colour	Suspend Mat'l
105A 931002	00	09	517889	6658289		DTrS	40	.25-1	24	Low	WoCaFu	BlackGreen	-
105A 931003	00	09	514950	6651520		CDRC	09	Pond	9	Low	-	Black	-
105A 931004	00	09	516322	6651401		CDRC	09	Pond	20	Low	-	Black	-
105A 931005	10	09	527827	6651598		DME	29	Pond	10	Low	-	BrownGreen	-
105A 931006	20	09	527827	6651598		DME	29	Pond	10	Low	-	BrownGreen	-
105A 931007	00	09	533830	6652185		DME	29	Pond	6	Med	-	BrownGreen	-
105A 931008	00	09	535250	6653006		DME	29	Pond	3	Med	-	Brown	-
105A 931009	00	09	534655	6656026		DME	29	Pond	5	Med	-	BlackGreen	-
105A 931010	00	09	551602	6652869		CDR	09	Pond	8	Med	-	Black	-
105A 931011	00	09	550455	6656636		PCH	08	Pond	5	Med	-	BrownGreen	-
105A 931012	00	09	550340	6661652		PCH	08	Pond	10	Med	-	Black	-
105A 931014	00	09	542422	6662059		PCH	08	1-5	13	Med	Ca	GreenBrown	-
105A 931015	00	09	546237	6670937		PCH	08	.25-1	1	Med	-	Brown	-
105A 931016	00	09	543850	6672602		PCH	08	.25-1	11	Med	-	Green	-
105A 931017	00	09	550469	6674565		PCH	08	.25-1	6	Med	-	BrownGreen	-
105A 931018	00	09	540209	6670675		PCH	08	.25-1	7	Med	-	Brown	-
105A 931019	00	09	535133	6669664		PCH	08	Pond	3	Med	-	Brown	-
105A 931020	00	09	534382	6666420		PCH	08	.25-1	7	Med	-	YellowBrown	-
105A 931022	00	09	532883	6664010		PCH	08	.25-1	6	Med	-	Black	-
105A 931023	00	09	528085	6662848		DME	29	.25-1	8	Med	-	Black	-
105A 931024	10	09	503136	6671433		DTrS	40	Pond	10	Low	-	BrownGreen	-
105A 931025	20	09	503136	6671433		DTrS	40	Pond	10	Low	-	BrownGreen	-
105A 931026	00	09	501795	6671502		DTrS	40	.25-1	30	Low	-	BrownGreen	-
105A 931027	00	09	498477	6677694		DTrS	40	Pond	4	Low	-	BrownGreen	-
105A 931028	00	09	497045	6676593		PTNK	97	Pond	1	Low	-	Brown	-
105A 931029	00	09	495483	6677810		PTNK	97	.25-1	9	Low	-	BrownGreen	-
105A 931030	00	09	482451	6687960		PTNK	97	Pond	1	Med	-	Brown	-
105A 931031	00	09	482124	6691401		PTNK	97	.25-1	6	Med	-	BrownGreen	-
105A 931032	00	09	478290	6689312		CDRC	09	Pond	4	Med	-	Tan	-
105A 931033	00	09	477395	6690499		CDRC	09	Pond	7	Low	-	GreenBrown	-
105A 931035	00	09	465101	6695622		CDRC	09	Pond	1	Low	-	Tan	-
105A 931036	00	09	463591	6698378		CDRC	09	.25-1	1	Low	-	BrownGrey	-
105A 931037	00	09	462016	6697458		CDRC	09	.25-1	12	Low	-	Black	-
105A 931038	00	09	455937	6700766		CDRC	09	.25-1	7	Low	-	BlackGreen	-
105A 931039	00	09	454032	6701309		CDRC	09	Pond	4	Low	-	BrownGreen	-
105A 931040	00	09	452111	6702399		PGCC	08	Pond	3	Low	-	GreenBrown	-
105A 931042	10	09	445808	6701741		PGCC	08	Pond	6	Med	-	GreenBlack	-
105A 931043	20	09	445808	6701741		PGCC	08	Pond	6	Med	-	GreenBlack	-
105A 931044	00	09	452628	6698598		CDRC	09	.25-1	14	Low	-	BrownGreen	-
105A 931045	00	09	466316	6692769		CDRC	09	Pond	4	Low	-	Tan	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A
Analytical Data

Variable:	Ag	As	Au	AuWt	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F	Fe	Hf	Hg	La	La	Lu	
Units:	ppm	ppm	ppb	gram	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppm	ppb	ppm	ppm	ppm	
Detection Limit:	0.2	17.0	<	23.66	540	34.0	0.4	<	<	<	<	<	13	<	128	1.33	<	23	2	2	<	
Analytical Method:	AAS	INAA	INAA	INAA	INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV_AAS	INAA	GRAV	INAA
105A 931002 00	0.2	17.0	<	23.66	540	34.0	0.4	<	<	<	<	<	13	<	128	1.33	<	23	2	2	<	<
105A 931003 00	<	132.0	<	25.14	780	20.0	<	<	<	<	<	<	8	<	97	8.06	<	19	<	<	<	<
105A 931004 00	<	53.7	<	24.43	1100	20.0	<	<	<	<	<	<	8	<	160	2.70	<	14	<	<	<	<
105A 931005 10	0.2	10.0	<	23.75	600	53.6	4.0	22	3	5	21	1.4	21	<	157	2.18	<	104	11	11	<	<
105A 931006 20	0.2	10.0	<	22.68	620	51.3	4.0	19	4	5	25	1.7	21	<	193	2.68	<	106	10	10	<	<
105A 931007 00	0.2	5.1	<	23.66	870	45.0	0.7	15	4	7	24	.7	19	<	144	1.47	1	75	9	9	<	<
105A 931008 00	<	6.2	6	27.25	510	48.0	0.7	30	4	7	41	1.1	22	<	128	3.09	1	133	19	19	<	<
105A 931009 00	0.2	51.4	<	29.53	1700	16.0	0.5	39	5	11	24	2.4	19	<	198	10.39	3	122	32	32	<	<
105A 931010 00	1.0	51.8	21	25.29	1800	62.8	3.0	23	7	10	80	4.7	76	<	257	11.43	1	336	18	18	<	<
105A 931011 00	0.5	5.7	<	21.43	810	36.0	1.6	45	10	15	62	1.5	33	<	201	1.08	1	155	22	22	<	<
105A 931012 00	0.6	24.0	<	19.36	2200	26.0	1.9	34	9	13	25	2.1	63	<	448	10.23	2	311	19	19	<	<
105A 931014 00	0.4	8.3	4	17.60	1100	26.0	0.9	69	9	14	100	3.4	28	<	346	1.71	4	75	35	35	<	<
105A 931015 00	<	2.9	3	17.22	490	14.0	1.3	23	3	<	34	.6	21	<	101	0.39	1	91	11	11	<	<
105A 931016 00	0.3	65.8	<	29.95	700	44.0	0.5	<	9	18	<	.6	15	<	102	20.42	<	62	11	11	<	<
105A 931017 00	0.5	9.5	10	25.06	1100	53.5	3.1	46	14	19	57	1.5	49	<	213	2.32	1	155	24	24	<	<
105A 931018 00	<	8.8	<	26.60	730	52.1	1.0	46	8	12	62	1.4	24	<	206	1.64	2	66	23	23	<	<
105A 931019 00	0.9	5.3	18	22.66	1300	34.0	4.5	60	7	8	130	6.0	60	<	293	1.42	2	720	28	28	<	<
105A 931020 00	0.3	6.0	<	18.88	400	45.0	0.8	26	8	12	53	1.4	31	<	136	2.43	1	104	13	13	<	<
105A 931022 00	0.2	48.0	2	25.35	1000	40.0	0.8	24	8	10	42	1.7	16	<	136	8.12	1	100	13	13	<	<
105A 931023 00	<	108.0	2	24.61	1200	35.0	0.9	<	3	6	49	.9	11	<	74	7.99	1	56	7	7	<	<
105A 931024 10	<	3.8	<	18.61	430	44.0	1.1	25	4	5	49	.7	27	<	107	0.58	1	104	14	14	<	<
105A 931025 20	0.2	3.5	<	18.99	450	43.0	1.0	22	4	<	50	.5	29	<	90	0.54	2	108	13	13	<	<
105A 931026 00	0.5	10.0	7	22.41	1100	24.0	1.3	68	10	16	110	4.6	39	<	297	1.97	3	85	32	32	<	<
105A 931027 00	0.2	4.9	<	22.52	470	39.0	1.5	25	6	6	41	.9	28	<	152	0.47	1	95	12	12	<	<
105A 931028 00	<	1.7	<	16.89	180	20.0	1.0	5	2	<	51	<	16	<	62	0.13	<	64	4	4	<	<
105A 931029 00	0.3	12.0	<	23.41	930	39.0	1.1	63	12	17	100	3.3	41	<	287	2.33	2	61	34	34	<	<
105A 931030 00	0.2	7.8	3	19.04	720	17.0	1.0	23	5	7	49	1.5	14	<	190	1.85	1	100	14	14	<	<
105A 931031 00	0.3	8.6	<	23.73	580	52.4	1.2	29	4	9	53	1.5	20	<	185	1.20	1	106	17	17	<	<
105A 931032 00	0.2	2.3	<	24.21	400	19.0	<	<	<	<	<	<	8	<	97	0.22	<	15	2	2	<	<
105A 931033 00	0.8	4.8	<	21.15	870	41.0	5.3	51	4	5	70	2.9	59	<	206	0.70	2	362	30	30	<	<
105A 931035 00	0.3	4.3	<	25.84	590	7.8	<	13	<	<	47	.7	7	<	133	0.29	<	17	7	7	<	<
105A 931036 00	<	16.0	<	33.51	260	7.0	<	<	<	<	<	<	7	<	120	0.63	<	9	<	<	<	<
105A 931037 00	0.3	1200.0	<	24.30	940	<	0.3	43	11	17	27	5.4	27	<	237	18.39	<	41	27	27	<	<
105A 931038 00	0.2	253.0	<	26.50	570	33.0	<	<	4	7	<	1.3	13	<	50	23.56	<	30	10	10	<	<
105A 931039 00	0.2	32.0	<	23.64	740	62.3	0.5	43	9	13	43	2.0	27	<	169	2.76	1	69	22	22	<	<
105A 931040 00	0.2	7.4	<	22.84	380	29.0	0.9	33	7	8	35	1.9	27	<	162	0.94	1	63	18	18	<	<
105A 931042 10	0.2	18.0	<	23.06	670	36.0	0.7	67	11	16	41	2.7	36	<	264	3.98	2	87	33	33	<	<
105A 931043 20	0.2	19.0	<	19.14	670	36.0	0.7	65	11	13	49	3.0	34	<	256	3.63	2	89	34	34	<	<
105A 931044 00	0.3	20.0	<	23.98	860	72.4	0.9	61	9	12	65	3.7	35	<	214	3.46	2	84	31	31	<	<
105A 931045 00	0.2	10.0	<	26.32	190	33.0	<	<	<	<	<	<	8	<	97	0.69	<	15	3	3	<	<

Analytical Data

Variable:	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc	Sm	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F W	U W
Units:	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
Detection Limit:	5	2	.02	2	2	5	.1	.2	.1	.5	.5	.2	.2	5	1	1	2		20	.05
Analytical Method:	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
105A 931002 00	1639	6	.16	7	11	<	.7	.7	.4	<	<	.8	3.4	11	<	<	48	7.9	58.0	0.22
105A 931003 00	3728	2	.04	6	9	<	.3	.3	.2	<	<	<	3.3	13	<	<	24	8.1	88.0	0.64
105A 931004 00	5881	4	.03	5	11	<	.6	<	.1	<	<	<	2.0	15	<	<	24	8.1	82.0	0.58
105A 931005 10	700	12	.14	24	11	27	2.3	4.4	1.5	<	<	3.2	3.7	24	<	<	386	8.0	128.0	0.3
105A 931006 20	657	12	.16	24	11	17	1.9	4.6	1.4	<	<	3.0	3.1	25	<	<	390	7.9	142.0	0.34
105A 931007 00	1075	<	.34	16	11	13	1.0	4.8	1.3	<	<	2.7	2.0	20	<	<	77	7.9	98.0	0.17
105A 931008 00	199	<	.35	24	10	31	1.3	7.0	2.3	<	<	4.6	2.6	35	<	<	130	7.8	94.0	0.13
105A 931009 00	1702	<	.68	16	13	57	.9	10.0	3.9	.8	.5	7.5	2.5	21	<	<	86	8.1	84.0	0.24
105A 931010 00	2073	3	.25	40	13	44	6.5	11.0	2.9	<	<	5.7	8.2	48	<	<	144	7.6	156.0	0.35
105A 931011 00	280	<	.83	35	8	42	1.2	7.4	3.4	<	.6	6.8	2.8	22	<	<	186	7.5	54.0	<
105A 931012 00	1063	<	.21	33	13	22	1.5	8.3	3.7	<	<	6.9	2.9	30	<	<	154	7.5	66.0	0.1
105A 931014 00	224	<	.78	36	14	88	2.1	12.0	4.7	.8	.8	11.0	3.2	24	<	1	129	8.2	64.0	0.09
105A 931015 00	87	<	.18	28	5	8	.6	5.2	2.0	<	<	3.9	1.0	11	<	<	65	6.5	40.0	<
105A 931016 00	769	4	.22	15	12	<	1.0	6.6	1.9	<	<	3.5	1.2	22	<	<	100	7.0	56.0	<
105A 931017 00	388	2	.27	38	10	38	1.3	11.0	4.1	<	<	7.3	3.7	26	1	<	209	7.3	54.0	<
105A 931018 00	264	<	.59	27	10	43	1.4	7.8	2.8	<	<	5.5	3.0	18	<	1	133	7.4	42.0	<
105A 931019 00	113	<	.45	58	12	92	2.6	15.0	4.6	.8	.8	9.5	5.4	50	<	2	189	7.4	78.0	0.06
105A 931020 00	160	2	.35	18	9	18	2.1	7.5	2.1	<	<	3.9	1.9	26	<	1	269	7.3	42.0	<
105A 931022 00	1751	<	.34	13	9	23	1.2	6.2	2.2	<	<	4.6	4.3	20	<	<	94	8.0	60.0	0.3
105A 931023 00	2909	2	.20	7	10	20	1.1	2.8	1.1	<	<	2.1	2.5	20	<	<	67	8.1	62.0	0.24
105A 931024 10	249	<	.35	22	6	18	.5	4.7	1.6	<	<	3.4	1.3	9	<	<	157	7.7	42.0	0.06
105A 931025 20	234	<	.36	21	6	22	.5	4.9	1.7	<	<	3.7	1.3	10	<	<	173	7.4	32.0	0.06
105A 931026 00	210	<	.77	31	15	110	2.0	15.0	5.0	1.0	.7	12.0	3.0	30	1	<	144	7.4	30.0	0.06
105A 931027 00	130	<	.78	22	5	22	.5	3.9	1.6	<	<	3.9	1.7	13	<	<	163	7.5	32.0	<
105A 931028 00	93	<	.33	12	<	<	.2	1.7	.6	<	<	1.6	.4	6	<	<	111	6.5	22.0	<
105A 931029 00	242	<	.87	36	15	73	1.8	12.0	4.1	1.1	.5	11.0	4.6	24	<	1	145	7.2	26.0	0.14
105A 931030 00	389	<	.24	14	8	40	.5	6.2	1.9	<	<	4.4	1.3	11	<	1	96	8.0	42.0	0.1
105A 931031 00	275	<	.81	18	7	35	.7	6.0	1.9	<	<	4.3	4.8	11	<	1	127	7.7	32.0	<
105A 931032 00	155	3	.08	3	10	<	.5	.7	.3	<	<	.6	5.6	13	1	<	34	7.8	30.0	0.18
105A 931033 00	96	<	.60	29	10	71	.8	8.7	3.9	.6	.7	10.0	2.4	14	<	1	326	6.7	22.0	<
105A 931035 00	33	<	.22	5	10	21	.6	1.6	1.0	<	<	2.3	1.7	11	<	<	25	8.1	48.0	0.15
105A 931036 00	2682	4	<	<	8	<	.3	<	<	<	<	.3	1.6	15	<	<	10	8.0	50.0	<
105A 931037 00	4026	3	.29	20	27	70	.6	9.1	3.9	.7	.7	12.0	2.9	20	<	<	102	7.6	525.0	0.06
105A 931038 00	1101	2	.42	7	13	17	.3	3.4	1.1	<	<	3.8	1.7	6	<	<	73	7.2	46.0	<
105A 931039 00	1058	<	.89	29	10	52	.6	6.9	2.7	<	<	7.8	6.9	10	<	1	127	7.3	48.0	0.06
105A 931040 00	154	<	.69	33	6	41	.6	5.3	2.1	<	<	5.9	3.6	5	<	<	108	7.5	48.0	<
105A 931042 10	693	2	.77	30	15	89	1.3	9.4	4.3	.5	<	11.0	14.0	14	<	1	121	7.5	56.0	0.08
105A 931043 20	677	2	.67	28	14	81	1.5	8.5	4.3	.6	<	12.0	14.0	12	<	<	112	7.5	52.0	0.08
105A 931044 00	1174	2	.68	29	14	81	.9	11.0	4.2	1.0	.5	12.0	12.0	16	<	1	106	7.7	50.0	0.21
105A 931045 00	168	6	.26	4	9	14	.2	1.0	.4	<	<	1.1	4.0	10	<	<	55	7.6	50.0	0.14

Map Sample ID	Rep Stat	Zone	Easting	UTM Northing	Rock Unit	Age	Area	Lake Depth	Terrain Relief	Sample Cont	Sample Colour	Suspend Mat %
105A 931046	00	09	465753	6691889	CDRC	09	Pond	1	Low	-	Tan	-
105A 931047	00	09	518471	6661707	DTrs	40	.25-1	20	Med	-	Black	-
105A 931048	00	09	523047	6665037	DME	29	Pond	1	Med	-	Brown	-
105A 931049	00	09	524898	6662853	DME	29	.25-1	8	Med	-	Brown	-
105A 931051	00	09	525279	6661033	DME	29	.25-1	19	Med	-	BrownGreen	-
105A 931052	00	09	526854	6658391	DME	29	.25-1	14	Med	-	BrownGrey	-
105A 931053	00	09	530021	6657978	DME	29	Pond	9	Med	-	Black	-
105A 931054	00	09	529590	6667338	DTrs	40	.25-1	6	Med	-	Grey	-
105A 931055	00	09	531465	6672274	PCH	08	Pond	4	Med	-	GreenBrown	-
105A 931056	00	09	529795	6673843	PCH	08	.25-1	5	Med	Ca	GreenGrey	-
105A 931057	00	09	530148	6672234	PCH	08	.25-1	5	Med	-	GreyBrown	-
105A 931058	00	09	542487	6675361	PCH	08	.25-1	6	Med	-	Black	-
105A 931059	00	09	545892	6677261	PCH	08	.25-1	15	Med	-	Black	-
105A 931060	00	09	542054	6678938	PCH	08	Pond	3	Med	-	Brown	-
105A 931062	00	09	539249	6679274	PCH	08	.25-1	20	Med	-	Black	-
105A 931063	10	09	538150	6682246	PCH	08	.25-1	3	Med	-	Brown	-
105A 931064	20	09	538150	6682246	PCH	08	.25-1	3	Med	-	Brown	-
105A 931065	00	09	534071	6680021	PCH	08	.25-1	3	Med	-	Brown	-
105A 931066	00	09	527827	6679076	PCH	08	1-5	12	Med	Ca	GreyGreen	-
105A 931068	00	09	518883	6674425	DME	29	.25-1	6	Hi	-	GreenBrown	-
105A 931069	00	09	515316	6669175	DTrs	40	.25-1	8	Hi	-	GreenBrown	-
105A 931070	00	09	512364	6669870	DTrs	40	.25-1	7	Hi	-	GreenBrown	-
105A 931071	00	09	509484	6670309	DTrs	40	.25-1	4	Hi	-	GreenBlack	-
105A 931072	00	09	505116	6674000	DTrs	40	.25-1	3	Med	WoFu	GreenBrown	-
105A 931073	00	09	510923	6666148	DTrs	40	.25-1	10	Med	WoCaFu	GreyBlack	-
105A 931074	00	09	515924	6662243	DTrs	40	Pond	4	Med	WoFu	GreenBrown	-
105A 931075	00	09	514431	6660195	DTrs	40	.25-1	6	Med	-	BrownGreen	-
105A 931076	00	09	506409	6681988	DTrs	40	Pond	1	Low	-	Brown	-
105A 931077	00	09	503678	6684689	DTrs	40	.25-1	2	Low	-	Brown	-
105A 931078	00	09	498124	6688592	DTrs	40	.25-1	2	Low	Ca	GreenBrown	-
105A 931079	00	09	490208	6687752	PqTs	57	Pond	1	Low	-	BlackGrey	-
105A 931080	00	09	476825	6703488	PTNK	97	1-5	9	Low	-	GreenBlack	-
105A 931082	00	09	469792	6705063	CDRC	09	.25-1	2	Low	-	BrownGreen	-
105A 931083	10	09	467147	6702985	CDRC	09	.25-1	9	Low	-	Brown	-
105A 931084	20	09	467147	6702985	CDRC	09	.25-1	9	Low	-	Brown	-
105A 931085	00	09	454855	6705054	CDRC	09	.25-1	3	Low	-	BrownGreen	-
105A 931086	00	09	453388	6706626	PGCC	08	.25-1	9	Low	-	GreenBrown	-
105A 931087	00	09	449111	6707917	uPWC	04	.25-1	5	Med	-	Brown	-
105A 931088	00	09	445331	6707800	uPWC	04	.25-1	8	Med	-	Brown	-
105A 931089	00	09	447646	6709960	uPWC	04	1-5	12	Med	-	Brown	-

Analytical Data

Variable:	Ag	As	Au	Auwt	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F	Fe	Fe	Hf	Hg	La	LOI	Lu
Units:	ppm	ppm	ppb	gram	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	pct	ppm	ppb	ppm	pct	ppm
Detection Limit:	0.2	0.5	2		50	0.5	0.2	5	2	5	20	0.5	2	1	40	0.02	0.2	1	5	2	1.0	0.2
Analytical Method:	AAS	INAA	INAA		INAA	AAS	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV_AAS	INAA	GRAV	INAA
105A 931046	0.2	2.9	<	26.60	280	14.0	<	10	<	<	<	<	10	<	114	0.14	<	<	6	3	19.25	<
105A 931047	0.3	23.0	<	26.02	1000	37.0	1.1	33	10	15	46	2.2	48	<	217	4.77	7.5	1	121	14	33.93	<
105A 931048	0.2	7.7	<	17.19	750	17.0	1.2	37	9	13	50	2.5	21	<	229	1.10	1.4	2	84	20	36.60	<
105A 931049	0.4	5.2	<	25.04	680	39.0	2.4	41	8	12	100	1.4	37	<	174	1.13	1.7	2	115	24	52.30	<
105A 931051	0.2	6.8	<	16.73	370	60.4	1.3	20	6	10	57	1.0	19	<	137	1.37	1.7	1	48	13	62.89	<
105A 931052	0.3	8.7	<	24.96	820	74.6	1.5	36	7	11	140	2.3	28	<	182	1.44	2.2	3	69	21	51.40	<
105A 931053	0.3	17.0	<	23.32	1500	21.0	1.2	40	7	13	86	3.3	29	<	300	5.65	9.0	2	167	26	24.75	<
105A 931054	0.2	19.0	<	23.10	1800	12.0	1.6	64	9	16	86	5.3	31	<	336	5.22	7.4	4	199	32	20.19	<
105A 931055	0.3	8.7	<	23.65	630	61.1	1.3	23	5	11	29	0.5	20	<	129	2.17	3.0	1	63	10	61.80	<
105A 931056	0.5	21.0	<	23.37	1900	45.0	3.1	51	15	23	99	5.5	50	<	229	7.18	11.0	3	187	32	20.59	<
105A 931057	0.2	34.0	<	21.53	560	49.0	1.0	22	6	8	35	0.6	22	<	138	2.41	3.2	1	63	11	64.50	<
105A 931058	0.5	15.0	7	22.55	1400	30.0	1.4	58	41	57	73	8.1	65	<	204	8.44	11.0	2	189	29	32.15	6
105A 931059	0.3	15.0	5	26.12	1200	47.0	1.7	26	8	14	51	1.8	42	<	230	9.13	12.0	1	116	17	50.55	<
105A 931060	0.2	8.2	<	22.04	570	35.0	1.1	24	6	10	57	1.0	27	<	161	2.54	3.5	1	45	14	57.26	<
105A 931062	0.3	63.3	<	23.87	2000	47.0	0.9	7	5	7	20	0.7	28	<	189	5.59	9.3	<	49	5	36.91	<
105A 931063	0.3	2.8	<	19.46	210	31.0	1.1	8	4	<	33	<	40	<	91	1.13	1.4	<	110	6	64.61	<
105A 931064	0.3	5.6	<	15.40	350	42.0	1.3	13	5	5	<	0.6	45	<	105	1.62	1.7	<	122	6	60.90	<
105A 931065	0.2	5.6	<	24.49	550	38.0	1.1	35	7	10	29	1.0	26	<	155	1.13	1.8	2	67	17	51.51	<
105A 931066	0.3	16.0	<	26.52	900	49.0	1.6	58	9	14	89	1.9	39	<	241	2.73	3.8	4	88	28	37.67	<
105A 931068	0.6	5.1	<	14.89	1000	27.0	1.6	35	8	8	78	3.7	57	<	232	0.87	1.2	1	189	15	38.25	3
105A 931069	0.3	13.0	6	19.49	980	58.4	1.6	39	7	10	110	1.4	42	<	159	1.72	2.3	2	153	19	60.04	<
105A 931070	0.4	12.0	6	20.74	920	42.0	0.9	38	8	12	78	1.9	50	<	216	1.95	2.7	2	171	21	44.72	<
105A 931071	0.3	26.0	<	22.42	730	55.9	0.4	25	8	12	50	1.3	30	<	177	9.16	12.0	1	92	17	46.42	<
105A 931072	0.2	24.0	4	20.87	440	28.0	0.9	30	7	9	56	1.1	39	<	169	2.30	2.7	1	114	17	39.22	<
105A 931073	0.5	43.0	5	31.40	1300	15.0	0.6	54	11	18	62	2.3	33	<	280	7.93	12.0	3	132	28	25.49	2
105A 931074	0.3	4.4	2	26.07	510	37.0	0.9	24	3	<	39	0.9	23	<	158	0.62	1.2	1	37	10	45.44	<
105A 931075	0.2	22.0	<	26.26	450	106.0	0.9	13	6	8	25	1.1	21	<	106	3.22	4.4	1	49	8	69.06	<
105A 931076	0.3	8.1	<	22.19	840	25.0	1.0	38	10	11	89	2.2	32	<	162	1.39	1.8	2	206	20	41.25	<
105A 931077	0.2	6.7	5	21.97	570	65.3	1.2	25	6	8	31	1.0	42	<	161	1.03	1.4	1	108	14	54.55	<
105A 931078	0.3	4.8	<	24.95	520	38.0	1.0	41	6	8	49	1.5	28	<	152	0.77	1.4	2	63	20	50.76	<
105A 931079	0.3	9.5	4	18.70	1200	5.1	0.8	78	10	13	97	3.4	27	<	352	2.05	3.0	5	63	42	12.01	3
105A 931080	0.3	35.0	<	23.24	790	67.8	1.3	36	8	13	66	2.4	37	<	248	4.79	5.9	1	120	21	48.92	<
105A 931082	0.2	19.0	<	16.95	580	34.0	0.6	11	2	<	<	0.8	18	<	145	0.48	1.0	<	44	6	39.19	<
105A 931083	0.7	3.7	<	20.94	770	45.0	3.1	49	7	8	98	2.2	55	<	272	1.03	1.6	2	172	24	46.34	<
105A 931084	0.5	5.0	<	21.70	830	37.0	2.6	41	5	6	55	1.9	48	<	256	0.65	1.6	3	164	24	33.01	<
105A 931085	<	4.4	<	25.33	550	27.0	0.5	29	3	5	47	0.6	17	<	190	0.32	1.1	1	22	14	47.42	<
105A 931086	0.5	3.5	<	18.26	440	40.0	2.1	28	3	<	35	0.9	46	<	88	0.39	0.6	1	112	15	66.60	<
105A 931087	0.2	10.0	<	21.46	690	123.0	0.8	55	7	9	53	2.7	33	<	220	2.04	2.8	2	58	29	33.66	<
105A 931088	0.3	12.0	<	15.08	370	42.0	0.7	39	9	10	<	1.0	29	<	125	2.25	2.3	<	80	21	43.66	<
105A 931089	0.2	12.0	<	21.70	980	32.0	0.8	77	10	14	69	5.2	37	<	320	2.56	3.2	2	70	41	27.88	<

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A
Analytical Data

Variable:	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc	Sm	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F.W	U.W
Units:	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
Detection Limit:	5	2	.02	2	2	5	.1	.2	.1	.5	.5	.2	.2	5	1	1	2		20	.05
Analytical Method:	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
105A 931046 00	61	7	.34	4	10	7	.7	.8	.4	<	<	1.1	18.0	10	<	<	39	7.7	62.0	0.48
105A 931047 00	2131	29	.33	40	12	37	2.7	7.6	2.5	<	<	4.8	21.1	21	<	<	120	8.1	76.0	0.9
105A 931048 00	220	2	.52	31	8	61	1.3	7.1	2.6	.5	.6	5.8	3.6	11	<	<	119	8.0	56.0	<
105A 931049 00	254	3	.54	34	8	36	1.1	7.9	3.1	<	<	6.1	2.1	16	<	<	193	7.9	34.0	<
105A 931051 00	435	5	.37	19	8	27	1.0	4.7	1.5	<	<	3.0	2.1	12	<	<	190	7.8	40.0	<
105A 931052 00	200	11	.91	22	8	37	2.8	6.9	2.4	<	<	4.8	4.9	20	<	<	152	8.0	52.0	0.2
105A 931053 00	1597	2	.48	24	14	71	1.4	11.0	3.7	.8	.6	8.7	3.9	18	<	<	125	8.0	59.0	0.2
105A 931054 00	566	2	.52	29	16	110	1.7	13.0	5.5	1.0	.8	12.0	5.3	21	<	1	145	7.9	64.0	0.12
105A 931055 00	222	2	.40	20	5	16	.6	4.0	1.6	<	<	3.2	2.0	11	<	<	153	8.0	68.0	<
105A 931056 00	4036	<	.54	49	15	97	3.7	16.0	5.3	.9	1.1	10.0	8.6	40	<	1	166	7.8	68.0	0.23
105A 931057 00	734	7	.36	24	7	22	.8	4.7	1.7	<	<	3.5	4.1	12	<	<	133	7.9	72.0	0.08
105A 931058 00	2022	2	.27	36	23	100	1.1	19.0	10.0	.7	1.4	15.0	3.6	25	<	2	196	7.8	82.0	<
105A 931059 00	586	3	.33	23	13	36	1.8	10.0	2.6	<	<	5.8	3.5	31	<	1	157	7.6	88.0	<
105A 931060 00	419	3	.81	20	10	24	1.0	5.0	1.7	<	<	3.8	3.6	18	<	<	105	7.8	88.0	<
105A 931062 00	7823	31	.19	24	11	10	2.7	3.2	.9	<	<	1.9	6.3	15	<	<	85	8.1	66.0	0.25
105A 931063 10	126	3	.22	25	6	11	.6	3.6	.9	<	<	1.9	1.8	8	<	<	124	7.8	44.0	0.06
105A 931064 20	304	2	.26	26	5	20	.9	3.7	1.1	<	<	2.1	2.3	9	<	<	133	6.9	36.0	<
105A 931065 00	154	2	.92	25	8	33	.8	5.5	2.3	<	<	4.7	5.8	10	<	<	124	7.0	26.0	0.16
105A 931066 00	855	4	.50	38	10	51	1.2	11.0	4.3	.7	.5	8.6	7.9	14	<	1	145	7.4	34.0	0.14
105A 931068 00	143	2	.60	33	12	58	2.2	10.0	4.2	.5	.8	6.8	3.9	39	<	3	156	7.2	<	<
105A 931069 00	1553	3	.30	37	8	24	1.5	8.9	3.0	<	<	5.3	8.5	14	<	1	124	7.5	48.0	0.09
105A 931070 00	443	2	.59	40	10	46	1.8	12.0	3.1	.6	.6	5.6	3.4	30	<	1	132	7.1	54.0	0.05
105A 931071 00	499	2	.47	26	11	31	1.4	7.8	2.3	<	<	4.6	1.6	13	<	<	139	7.3	48.0	<
105A 931072 00	222	<	.59	32	10	33	.5	5.9	2.3	.5	<	5.2	4.5	13	<	<	110	7.7	54.0	0.12
105A 931073 00	1669	3	.69	24	13	60	1.4	12.0	4.3	.7	.8	8.2	3.5	26	<	2	99	7.1	60.0	0.07
105A 931074 00	69	10	.71	11	9	17	1.2	3.9	1.3	<	<	2.6	5.9	16	<	<	109	7.5	36.0	0.14
105A 931075 00	1332	7	.28	14	9	13	1.6	3.5	1.3	<	<	2.6	5.3	16	2	<	138	7.8	42.0	0.18
105A 931076 00	343	2	.73	32	9	52	.9	8.6	3.0	.6	<	6.0	4.9	17	<	1	121	7.7	44.0	<
105A 931077 00	279	<	.57	27	8	24	.7	4.9	2.0	<	<	4.7	3.2	13	<	<	103	7.5	30.0	<
105A 931078 00	131	2	.90	23	7	40	.6	5.5	2.5	<	<	6.3	4.9	12	<	<	123	7.3	20.0	<
105A 931079 00	439	2	.87	33	14	90	1.3	12.0	5.5	1.1	.8	12.0	3.6	25	1	2	107	7.9	90.0	0.31
105A 931080 00	939	6	.39	26	13	38	1.6	7.9	2.5	<	<	5.7	5.7	24	<	1	173	7.9	40.0	0.19
105A 931082 00	194	6	.65	14	5	17	.3	1.6	.8	<	<	2.1	2.9	7	<	<	85	7.3	72.0	0.11
105A 931083 10	138	2	1.10	47	11	55	1.1	8.7	3.1	.8	<	8.9	4.2	18	<	1	198	7.2	28.0	<
105A 931084 20	86	3	1.50	29	8	56	1.0	6.8	2.6	<	<	7.1	3.5	11	<	<	158	7.1	<	<
105A 931085 00	53	3	1.40	9	4	32	.5	3.4	1.6	<	<	3.9	5.9	7	<	<	88	7.3	34.0	0.11
105A 931086 00	158	3	.36	22	7	23	.3	3.2	2.1	<	<	5.2	1.8	16	<	<	262	7.0	<	<
105A 931087 00	477	2	1.10	26	11	72	.7	8.5	3.8	.8	<	11.0	14.0	18	<	<	142	7.1	26.0	0.05
105A 931088 00	1040	3	.32	23	13	18	.5	4.3	3.0	<	<	10.0	6.0	15	<	<	116	7.2	26.0	<
105A 931089 00	921	5	1.00	32	16	130	.8	12.0	5.2	1.2	.6	15.0	12.0	23	<	1	112	7.4	40.0	0.12

Map Sample ID	Rep Stat Zone	UTM Easting	UTM Northing	Rock Unit Age	Lake Area	Lake Depth	Terrain Relief	Sample Cont	Sample Colour	Suspend Mat'l
105A 931090	00	09	449915	6709500	UPWC 04	.25-1	1	Low	-	Brown
105A 931091	00	09	453597	6710484	PCGC 08	1-5	11	Low	-	BlackGrey
105A 931092	00	09	462082	6712230	CDRC 09	.25-1	5	Low	-	Grey
105A 931093	00	09	465550	6716183	PTNK 97	.25-1	2	Low	-	Brown
105A 931094	00	09	466972	6718563	DMGS 09	.25-1	3	Low	-	Brown
105A 931095	00	09	469962	6721761	DMGS 09	.25-1	1	Low	-	Brown
105A 931096	00	09	472386	6725370	PTNK 97	>5	14	Med	-	Grey
105A 931097	00	09	477053	6739844	DTRS 40	.25-1	7	Hi	-	Black
105A 931099	00	09	471206	6735545	PCH 08	1-5	2	Hi	-	GreyBlack
105A 931100	00	09	472569	6733497	PCH 08	1-5	30	Hi	Ca	BrownGreen
105A 931102	10	09	470118	6730156	PCH 08	.25-1	2	Hi	-	Brown
105A 931103	20	09	470118	6730156	PCH 08	.25-1	2	Hi	-	Brown
105A 931104	00	09	465960	6728493	DMGS 09	1-5	2	Hi	-	Brown
105A 931106	00	09	454054	6734716	DMGS 09	1-5	3	Hi	-	BrownGreen
105A 931107	00	09	455219	6739747	DMGS 09	.25-1	9	Hi	-	Black
105A 931108	00	09	453659	6746105	DMGS 09	.25-1	7	Hi	-	BlackGrey
105A 931109	00	09	449200	6735413	DMGS 09	.25-1	3	Hi	-	Brown
105A 931110	00	09	449947	6733758	DMGS 09	Pond	3	Med	-	Brown
105A 931111	00	09	447804	6733427	CDRC 09	Pond	3	Med	-	Brown
105A 931112	00	09	446740	6730475	CDRC 09	Pond	2	Med	-	Brown
105A 931113	00	09	454114	6726972	DMGS 09	.25-1	4	Low	-	Brown
105A 931114	00	09	462038	6723307	DMGS 09	.25-1	1	Low	-	BrownGreen
105A 931115	00	09	463290	6722872	DMGS 09	1-5	1	Low	-	BrownGreen
105A 931116	00	09	465551	6721584	DMGS 09	Pond	2	Low	-	Brown
105A 931117	00	09	469987	6724572	DMGS 09	1-5	2	Low	-	GreenBrown
105A 931118	00	09	475992	6730313	DTRS 40	Pond	12	Hi	-	BrownGreen
105A 931119	00	09	478063	6734049	PTNK 97	Pond	12	Hi	-	Black
105A 931120	00	09	479773	6732600	PTNK 97	1-5	9	Hi	-	Black
105A 931122	00	09	477451	6728652	DTRS 40	1-5	15	Hi	-	BlackGrey
105A 931123	10	09	475701	6725419	PTNK 97	.25-1	6	Hi	-	Grey
105A 931124	20	09	475701	6725419	PTNK 97	.25-1	6	Hi	-	Grey
105A 931125	00	09	472357	6720147	DMGS 09	.25-1	6	Hi	-	BrownGreen
105A 931126	00	09	470003	6718000	DMGS 09	.25-1	2	Med	-	Brown
105A 931127	00	09	467788	6713993	PTNK 97	.25-1	2	Low	-	Brown
105A 931128	00	09	472106	6713204	PTNK 97	.25-1	5	Med	-	BlackBrown
105A 931130	00	09	479244	6709311	PTNK 97	Pond	2	Med	-	Brown
105A 931131	00	09	483252	6709698	PTNK 97	Pond	3	Med	-	GreenBrown
105A 931132	00	09	489155	6713258	PTNK 97	Pond	3	Hi	-	GreenBrown
105A 931133	00	09	491333	6706234	DTRS 40	Pond	3	Med	-	Brown
105A 931134	00	09	492474	6699260	PTNK 97	Pond	2	Low	-	Tan

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Analytical Data

Variable:	Ag	As	Au	AuWt	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F	Fe	Fe	Hf	Hg	La	La	LOI	Lu
Units:	ppm	ppm	ppb	gram	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	pct	ppm	ppb	ppm	ppm	pct	ppm
Detection Limit:	0.2	0.5	2	50	5	0.2	0.2	5	2	5	20	0.5	2	1	40	0.02	0.2	1	5	2	2	1.0	0.2
Analytical Method:	AAS	INAA	INAA	INAA	INAA	AAS	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV_AAS	INAA	INAA	GRAV	INAA
105A 931090	0.2	2.0	<	27.87	520	10.0	0.7	37	4	5	210	1.3	9	<	176	0.74	1.0	2	42	20	22.32	<	
105A 931091	0.3	8.6	<	22.40	780	9.2	0.4	53	10	12	55	9.2	28	<	383	2.01	3.1	1	18	26	8.19	<	
105A 931092	0.3	11.0	5	29.44	1600	3.0	0.8	90	11	17	130	4.9	20	1	430	2.29	3.6	6	70	51	7.20	0.2	
105A 931093	0.2	8.5	<	22.65	600	34.0	0.7	23	5	6	28	0.7	23	<	181	0.41	1.0	1	42	11	46.59	<	
105A 931094	0.2	18.0	<	20.14	900	48.0	1.0	29	6	9	58	1.4	27	<	234	1.22	1.7	1	70	16	43.28	<	
105A 931095	0.2	7.4	<	16.85	280	18.0	0.7	14	2	<	26	<	19	<	118	0.51	0.7	1	40	7	59.24	<	
105A 931096	0.5	29.0	7	24.97	1800	16.0	1.1	78	12	15	100	6.2	46	<	409	3.27	4.6	4	190	49	13.53	<	
105A 931097	0.4	81.7	<	23.21	1400	25.0	0.6	55	12	16	63	3.1	45	<	336	6.26	8.1	2	114	32	27.36	<	
105A 931099	0.7	28.0	<	21.26	1900	13.0	1.5	100	12	16	69	12.0	70	<	392	4.38	5.7	2	188	59	18.00	<	
105A 931100	0.5	332.0	7	21.54	2900	13.0	1.3	98	17	22	110	7.7	57	<	536	5.06	6.2	3	247	60	4.99	0.4	
105A 931102	0.2	31.0	<	10.35	530	25.0	0.8	21	4	6	27	0.8	26	<	160	1.21	1.7	2	48	13	50.19	<	
105A 931103	0.2	22.0	<	17.03	650	21.0	0.7	25	4	<	<	0.8	22	<	146	0.86	1.3	1	40	14	36.84	<	
105A 931104	0.2	23.0	<	16.91	480	17.0	1.0	36	4	<	27	1.7	38	<	179	1.31	1.4	1	76	30	37.60	<	
105A 931106	<	5.2	<	17.35	720	9.3	1.0	31	4	<	57	1.7	13	<	221	0.78	1.2	2	34	20	22.09	<	
105A 931107	0.6	57.8	<	17.23	1800	38.0	1.3	120	14	19	210	3.4	47	<	315	4.33	4.9	2	142	74	29.51	<	
105A 931108	0.6	20.0	6	22.26	1500	30.0	1.6	69	25	31	180	3.8	70	1	280	4.02	4.7	2	140	43	26.49	<	
105A 931109	<	4.6	<	15.02	240	34.0	0.9	17	3	<	<	0.7	26	<	111	0.66	0.8	<	62	6	46.12	<	
105A 931110	0.3	2.7	<	24.46	730	15.0	1.7	35	3	7	<	0.8	28	<	207	0.21	1.3	2	43	19	33.58	<	
105A 931111	<	11.0	<	18.33	540	20.0	0.6	24	2	<	22	0.6	23	<	189	0.25	1.0	2	27	14	33.53	<	
105A 931112	<	7.4	<	18.40	410	22.0	0.6	14	2	<	<	0.5	17	<	123	0.25	0.6	1	33	7	46.27	<	
105A 931113	0.7	2.7	<	21.95	510	26.0	2.0	38	5	7	43	0.8	38	<	144	0.45	1.0	1	104	20	46.07	<	
105A 931114	<	16.0	<	19.31	470	22.0	0.5	21	3	<	24	<	23	<	117	0.58	0.8	1	49	12	45.94	<	
105A 931115	0.2	15.0	<	20.98	770	20.0	1.0	65	7	10	47	3.7	61	<	258	1.04	1.8	1	86	40	34.25	<	
105A 931116	0.2	3.3	<	19.40	370	31.0	2.1	26	6	7	60	0.7	39	<	123	0.42	0.8	1	92	11	69.96	<	
105A 931117	0.2	15.0	5	21.76	620	18.0	1.1	27	4	5	45	1.7	48	<	179	1.32	2.0	1	92	20	50.00	<	
105A 931118	0.3	18.0	<	16.47	730	84.2	1.3	35	17	19	160	2.5	68	<	218	2.50	2.9	1	274	19	35.77	0.2	
105A 931119	<	50.0	<	19.94	1100	28.0	1.4	44	9	12	52	3.1	64	<	358	3.59	4.3	2	508	28	28.99	0.3	
105A 931120	0.3	22.0	9	25.82	1400	34.0	1.5	75	18	24	120	4.2	66	1	426	5.18	6.4	3	288	47	20.32	0.3	
105A 931122	0.4	22.0	7	24.18	2000	29.0	1.5	62	18	25	80	6.3	90	<	337	4.53	5.5	2	301	35	17.49	0.3	
105A 931123	<	21.0	<	22.28	1300	6.8	0.6	71	11	16	71	8.4	39	<	485	3.97	5.3	3	172	39	9.56	0.3	
105A 931124	0.2	24.0	<	20.46	1200	8.5	0.6	61	11	14	64	7.3	40	<	432	4.31	5.5	3	143	39	11.56	<	
105A 931125	<	26.0	<	25.63	720	47.0	0.9	40	6	9	56	3.6	35	<	301	2.49	3.4	1	293	19	51.61	<	
105A 931126	<	5.8	<	21.33	410	22.0	0.8	24	2	<	33	0.9	18	<	147	0.38	0.8	1	45	12	64.99	<	
105A 931127	<	4.4	<	17.45	390	21.0	0.6	17	<	<	<	0.6	21	<	175	0.14	0.6	1	53	9	57.64	<	
105A 931128	0.2	54.0	<	22.34	1100	54.1	0.7	42	8	12	44	2.9	39	2	241	7.65	10.0	1	156	21	42.26	<	
105A 931130	<	7.4	<	18.88	550	16.0	0.7	29	2	<	26	0.8	18	1	171	0.32	0.9	3	41	15	44.13	<	
105A 931131	0.2	10.0	<	24.73	700	30.0	1.1	36	6	8	49	1.6	43	<	200	1.02	1.9	2	88	17	32.23	<	
105A 931132	<	7.3	<	23.34	690	67.1	1.3	24	2	<	22	1.2	31	<	164	1.61	2.6	2	74	15	48.52	<	
105A 931133	<	6.8	<	19.11	730	37.0	1.4	34	5	7	49	1.2	33	1	217	1.23	1.7	2	82	17	49.31	<	
105A 931134	<	5.0	<	21.31	790	10.0	<	7	<	<	<	<	11	<	185	0.66	1.1	<	20	4	19.70	<	

Analytical Data

Variable:	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc	Sm	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F _W	U _W
Units:	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
Detection Limit:	5	2	.02	2	2	5	.1	.2	.1	.5	.5	.2	.2	5	1	1	2		20	.05
Analytical Method:	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAAS	INAA	AAAS	AAAS	GCM	ISE	LIF
105A 931090 00	245	<	.80	9	5	68	.3	4.5	2.7	.7	<	7.1	6.1	7	<	<	76	7.4	32.0	0.05
105A 931091 00	422	5	.42	22	28	140	.7	9.3	3.7	1.8	.5	14.0	8.9	29	<	<	101	8.1	72.0	0.95
105A 931092 00	392	2	.87	30	17	130	1.5	14.0	6.8	1.5	.7	16.0	5.8	21	<	2	112	7.8	40.0	0.08
105A 931093 00	89	2	1.20	28	3	24	.5	2.7	1.3	<	<	3.6	3.2	6	<	<	82	7.6	54.0	<
105A 931094 00	214	2	1.10	40	9	43	.6	4.6	2.0	<	<	5.5	6.5	12	<	<	122	7.5	64.0	<
105A 931095 00	58	3	.55	31	<	20	.3	1.9	.9	<	<	2.5	3.0	<	<	<	129	7.4	106.0	<
105A 931096 00	455	2	1.20	48	27	140	2.9	14.0	8.0	1.4	1.3	18.0	7.9	29	2	1	138	7.9	74.0	0.49
105A 931097 00	1683	4	.75	36	20	97	1.6	10.0	4.5	.7	.8	11.0	5.5	24	<	1	114	7.9	40.0	0.52
105A 931099 00	346	2	.74	27	58	200	2.6	15.0	9.1	1.3	1.5	21.6	18.0	24	<	3	182	7.9	170.0	0.62
105A 931100 00	19879	6	.92	53	43	170	3.4	17.0	8.2	1.5	1.3	20.9	6.2	35	<	3	176	8.1	80.0	0.4
105A 931102 10	171	3	1.10	21	6	24	.5	2.8	1.6	<	<	4.3	3.8	12	<	<	126	7.9	60.0	0.12
105A 931103 20	198	2	1.40	17	5	29	.5	2.2	1.6	<	<	4.6	3.8	8	<	<	102	7.7	60.0	0.1
105A 931104 00	85	3	.32	15	14	33	.7	4.7	4.0	<	.7	9.0	20.3	8	<	1	131	7.6	76.0	0.56
105A 931106 00	75	2	.68	22	10	50	.6	4.7	2.7	<	.5	6.1	5.3	9	1	<	85	7.7	58.0	0.2
105A 931107 00	1437	7	.66	38	34	81	3.1	12.0	7.9	.7	.9	23.2	31.5	34	<	<	149	7.7	80.0	0.99
105A 931108 00	688	8	.78	99	19	88	2.4	15.0	5.7	.9	1.0	14.0	12.0	46	<	2	178	7.7	102.0	0.18
105A 931109 00	50	3	.26	34	6	13	.6	2.6	1.1	<	<	2.6	7.1	8	<	<	111	8.0	40.0	0.24
105A 931110 00	38	<	1.90	23	<	35	.5	4.2	2.2	<	<	4.9	1.8	6	<	1	87	7.7	28.0	<
105A 931111 00	35	2	1.70	10	4	30	.6	2.8	1.5	<	<	3.9	4.5	6	<	<	76	7.6	52.0	0.16
105A 931112 00	28	4	.76	18	3	20	.4	1.7	.9	<	<	2.3	5.1	6	<	<	97	7.8	54.0	0.18
105A 931113 00	98	<	.95	44	7	30	.5	4.5	2.7	<	<	6.1	1.8	15	<	<	123	7.0	28.0	<
105A 931114 00	81	3	.71	21	5	20	.6	3.2	1.5	<	<	4.4	3.5	10	<	<	77	7.3	52.0	0.07
105A 931115 00	107	3	.87	26	18	50	1.4	8.4	4.8	<	.7	14.0	10.0	15	<	2	147	7.4	80.0	0.24
105A 931116 00	74	<	.65	52	7	19	.5	3.3	1.4	<	<	4.3	2.3	9	<	<	157	6.6	36.0	<
105A 931117 00	67	3	.93	48	9	46	1.0	4.7	2.7	<	<	6.7	5.0	9	<	<	114	7.7	76.0	0.49
105A 931118 00	589	4	.53	400	15	57	3.5	7.3	2.7	.5	.7	7.0	3.8	13	<	<	145	8.3	52.0	0.23
105A 931119 00	1688	2	.43	27	16	75	6.2	9.2	4.1	.7	.6	8.6	3.8	24	<	1	117	8.3	54.0	0.23
105A 931120 00	1607	4	.89	124	28	130	6.0	16.0	6.5	1.0	.9	16.0	7.3	29	<	2	163	8.3	54.0	0.58
105A 931122 00	8832	2	.88	59	20	110	3.6	16.0	5.8	1.1	.9	11.0	5.3	43	<	2	160	8.2	44.0	0.48
105A 931123 10	569	<	.83	34	16	140	2.2	14.0	5.7	1.3	.7	13.0	4.1	33	<	2	111	8.2	46.0	0.56
105A 931124 20	638	3	.56	33	16	120	2.0	14.0	5.2	1.2	.8	12.0	4.3	33	<	1	112	8.2	46.0	0.59
105A 931125 00	201	5	.64	31	16	54	2.3	9.3	2.8	.6	<	6.6	9.5	23	<	1	146	8.1	48.0	0.32
105A 931126 00	101	2	1.10	22	4	28	.5	2.9	1.3	<	<	3.2	2.7	7	<	<	116	7.9	44.0	<
105A 931127 00	41	3	1.00	35	<	18	.4	1.9	1.0	<	<	2.6	2.3	7	<	<	105	7.2	48.0	<
105A 931128 00	605	<	.68	33	14	60	2.2	8.1	2.7	<	<	6.9	5.5	26	<	<	115	8.0	54.0	0.45
105A 931130 00	45	<	1.60	14	3	21	.5	2.8	1.4	<	<	3.6	3.1	<	<	<	106	7.9	60.0	0.06
105A 931131 00	237	6	1.00	26	12	40	1.9	7.1	2.2	<	<	4.4	5.5	32	<	<	104	8.0	44.0	0.16
105A 931132 00	122	5	1.60	15	5	25	1.5	3.4	1.5	.5	<	4.0	5.6	11	<	<	122	8.0	46.0	0.18
105A 931133 00	208	<	.87	28	8	39	.9	6.0	1.9	<	<	4.5	3.9	14	<	<	115	7.9	44.0	0.07
105A 931134 00	885	5	.41	7	11	9	.2	1.4	.6	<	<	1.4	5.0	13	<	<	39	8.3	76.0	0.08

Map Sample ID	Rep Stat Zone	UTM Easting	UTM Northing	Rock Unit	Age	Lake Area	Depth	Terrain Relief	Sample Cont	Sample Colour	Suspend Matrl
105A 931135	00 09	491718	6695717	PTrNK 97		Pond	2	Low	-	BrownGreen	-
105A 931136	00 09	492528	6692273	PTrNK 97		.25-1	5	Low	-	BrownGreen	-
105A 931137	00 09	500363	6691441	DTs 40		1-5	6	Med	-	BrownGreen	-
105A 931138	00 09	492696	6667820	CDRC 09		.25-1	4	Low	-	BrownBlack	-
105A 931139	00 09	490756	6668860	CDRC 09		1-5	16	Med	-	Black	-
105A 931140	00 09	480425	6678510	CDRC 09		1-5	4	Low	-	GreenTan	-
105A 931142	00 09	474964	6680471	CDRC 09		>5	30	Med	-	Black	-
105A 931143	10 09	472112	6685719	CDRC 09		.25-1	8	Med	-	Black	-
105A 931144	20 09	472112	6685719	CDRC 09		.25-1	8	Med	-	Black	-
105A 931145	00 09	478464	6706971	PTrNK 97		1-5	8	Low	-	Black	-
105A 931146	00 09	476904	6706171	PTrNK 97		.25-1	8	Low	-	Black	-
105A 931147	00 09	473702	6705694	PTrNK 97		.25-1	3	Low	-	Black	-
105A 931148	00 09	448886	6696730	PCGC 08		.25-1	2	Low	-	GreenBrown	-
105A 931149	00 09	445216	6698882	PCGC 08		.25-1	5	Low	-	Brown	-
105A 931150	00 09	445043	6686670	CDRC 09		.25-1	4	Med	-	GreenBrown	-
105A 931152	00 09	447156	6688891	CDRC 09		.25-1	1	Low	-	Brown	-
105A 931153	00 09	450882	6688767	CDRC 09		.25-1	5	Med	-	GreenBrown	-
105A 931154	00 09	452754	6686024	CDRC 09		.25-1	1	Low	-	Brown	-
105A 931155	00 09	455145	6683494	CDRC 09		1-5	6	Med	-	GreenBrown	-
105A 931156	00 09	463310	6682242	CDRC 09		1-5	7	Med	-	Brown	-
105A 931157	00 09	463545	6686889	CDRC 09		.25-1	9	Med	-	Brown	-
105A 931158	00 09	468058	6681687	CDRC 09		1-5	17	Low	-	GreenBlack	-
105A 931159	00 09	470749	6683122	CDRC 09		1-5	8	Low	Ca	Tan	-
105A 931160	00 09	479434	6673221	CDRC 09		.25-1	12	Med	-	Black	-
105A 931162	10 09	480370	6670762	CDRC 09		1-5	6	Med	-	GreenBrown	-
105A 931163	20 09	480370	6670762	CDRC 09		1-5	6	Med	-	GreenBrown	-
105A 931164	00 09	488509	6667347	CDRC 09		.25-1	5	Med	-	GreenBlack	-
105A 931165	00 09	496970	6663813	CDRC 09		Pond	1	Low	-	TanBrown	-
105A 931166	00 09	491670	6664110	CDRC 09		Pond	4	Low	-	GreenGrey	-
105A 931167	00 09	485206	6666903	CDRC 09		1-5	15	Low	-	BlackGrey	-
105A 931168	00 09	482858	6667975	CDRC 09		.25-1	8	Low	-	BlackGrey	-
105A 931170	00 09	474587	6672149	CDRC 09		Pond	2	Low	-	Brown	-
105A 931171	00 09	473041	6675377	CDRC 09		Pond	8	Low	-	TanBrown	-
105A 931172	00 09	467950	6679901	CDRC 09		Pond	4	Low	-	Tan	-
105A 931173	00 09	465183	6679181	CDRC 09		Pond	6	Low	-	Tan	-
105A 931174	00 09	454569	6680756	CDRC 09		1-5	14	Med	Ca	GreyGreen	-
105A 931175	00 09	456209	6673550	CDRC 09		1-5	10	Med	-	BrownGreen	-
105A 931177	00 09	463776	6671985	TQE 63		.25-1	7	Med	-	BrownGreen	-
105A 931178	00 09	469170	6675515	CDRC 09		Pond	5	Med	-	GreenBrown	-
105A 931179	00 09	472438	6669712	CDRC 09		Pond	5	Low	-	Grey	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A
Analytical Data

Variable:	Ag	As	Au	AuWt	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F	Fe	Fe	Hf	Hg	La	La	Lu
Units:	ppm	ppm	ppb	gram	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	pct	ppm	ppb	ppm	pct	ppm
Detection Limit:	0.2	.5	2		50	.5	0.2	5	2	5	20	.5	2	1	40	0.02	.2	1	5	2	1.0	.2
Analytical Method:	AAS	INAA	INAA		INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV_AAS	INAA	GRAV	INAA
105A 931135 00	0.3	3.4	<	18.53	480	20.0	3.3	34	6	11	62	.6	39	<	151	0.33	.8	3	51	19	57.37	<
105A 931136 00	0.2	3.6	<	19.03	610	35.0	1.5	29	6	6	46	1.3	37	<	175	0.74	1.3	1	84	19	43.24	<
105A 931137 00	<	16.0	<	23.19	950	47.0	1.0	49	8	12	75	1.7	35	1	264	2.14	3.3	3	96	27	31.69	<
105A 931138 00	<	170.0	<	23.17	710	49.0	<	<	4	<	<	<	9	<	54	16.80	20.8	<	36	3	55.06	<
105A 931139 00	<	127.0	<	22.74	1900	42.0	0.3	<	4	5	<	<	15	<	110	7.44	13.0	<	42	3	33.86	<
105A 931140 00	<	19.0	<	12.19	620	44.0	0.4	35	6	7	47	1.3	20	<	220	1.34	1.9	2	16	18	50.10	<
105A 931142 00	<	639.0	<	18.11	710	13.0	<	<	<	<	<	<	4	<	135	6.03	12.0	<	6	<	13.50	<
105A 931143 10	<	128.0	<	10.02	870	21.0	<	10	<	<	<	.6	7	<	225	2.20	3.4	<	12	3	23.27	<
105A 931144 20	<	92.1	<	21.80	970	24.0	<	10	<	<	<	.5	8	<	246	1.87	2.9	<	18	4	23.71	<
105A 931145 00	0.2	34.0	<	20.22	1100	46.0	1.3	49	12	17	77	3.0	48	1	312	5.43	6.8	3	158	28	34.48	<
105A 931146 00	0.3	26.0	2	18.02	750	50.0	1.7	31	8	9	43	1.2	42	<	149	3.90	4.1	2	158	17	53.05	<
105A 931147 00	<	127.0	<	22.24	780	31.0	0.3	15	2	<	<	<	18	<	148	14.97	17.0	1	48	12	33.53	<
105A 931148 00	<	6.0	<	15.14	390	17.0	0.7	37	5	7	32	1.6	26	<	193	0.67	1.1	2	44	18	45.70	<
105A 931149 00	0.2	17.0	<	17.07	730	41.0	0.8	74	9	12	70	3.1	28	<	297	2.73	3.3	4	64	38	36.20	<
105A 931150 00	<	6.8	<	17.61	260	50.8	0.5	22	7	7	<	.7	30	1	151	1.71	2.2	2	66	13	61.74	<
105A 931152 00	0.2	7.8	<	19.76	360	20.0	0.5	24	3	<	<	.8	18	<	145	0.30	1.0	2	24	12	59.73	<
105A 931153 00	0.4	18.0	<	19.90	720	33.0	0.8	91	13	17	69	6.7	38	1	346	4.25	5.1	2	42	46	34.61	<
105A 931154 00	0.3	4.2	<	17.47	200	23.0	0.8	28	2	<	40	.7	29	<	78	0.33	.3	1	45	13	75.54	<
105A 931155 00	0.2	6.3	<	18.03	480	37.0	0.6	41	4	<	35	.7	20	<	182	1.00	1.8	3	38	22	41.76	<
105A 931156 00	0.2	25.0	<	14.44	320	40.0	0.7	19	4	5	46	.8	23	<	102	2.45	2.6	2	82	13	50.30	<
105A 931157 00	0.4	4.1	<	20.73	490	52.9	1.8	38	6	8	50	.9	44	1	153	0.58	.9	2	150	19	57.40	<
105A 931158 00	0.2	40.0	<	28.52	270	32.0	0.3	<	2	<	<	<	19	<	71	5.54	12.0	<	34	<	24.38	<
105A 931159 00	0.2	3.0	<	22.00	240	10.0	<	<	<	<	<	<	8	<	99	0.13	<	<	8	<	14.65	<
105A 931160 00	0.2	100.0	<	19.19	670	67.8	0.4	12	7	7	28	1.4	21	<	148	7.63	9.5	1	42	11	52.12	<
105A 931162 10	0.3	21.0	3	9.95	350	63.0	0.5	31	8	12	59	1.1	24	<	148	1.50	1.8	1	52	14	67.63	<
105A 931163 20	<	25.0	<	9.35	460	55.2	0.5	23	7	6	35	1.0	23	<	147	1.65	2.1	2	54	13	61.18	<
105A 931164 00	<	14.0	<	22.23	750	51.9	0.4	35	6	8	60	1.1	12	<	165	3.17	5.1	2	58	16	44.36	<
105A 931165 00	0.2	23.0	<	20.97	2100	23.0	<	5	<	<	<	<	8	<	77	1.76	2.4	<	17	<	37.64	<
105A 931166 00	<	38.0	<	29.56	740	36.0	<	4	4	7	<	.5	8	<	86	6.59	15.0	<	17	4	27.89	<
105A 931167 00	0.2	27.0	<	20.69	1200	26.0	0.3	5	5	6	<	<	15	<	149	4.17	7.4	<	39	4	21.88	<
105A 931168 00	<	90.6	<	21.69	1000	24.0	<	<	3	<	<	<	9	<	86	15.96	20.2	1	28	4	28.22	<
105A 931170 00	<	15.0	2	18.07	360	38.0	0.4	11	6	7	26	<	17	<	78	1.43	2.2	1	41	4	56.75	<
105A 931171 00	<	5.6	<	17.55	500	17.0	0.4	12	<	<	<	<	10	<	115	0.29	.5	<	17	3	27.89	<
105A 931172 00	0.2	3.1	2	19.37	210	35.0	<	<	<	<	25	<	10	<	86	0.34	.6	<	19	3	43.60	<
105A 931173 00	0.2	3.4	<	21.14	320	28.0	<	<	<	<	<	<	7	<	95	0.12	.2	<	9	<	17.52	<
105A 931174 00	0.2	3.4	<	24.90	360	29.0	<	5	<	<	<	<	9	<	104	0.16	.3	<	6	<	16.79	<
105A 931175 00	0.3	18.0	3	13.49	660	61.7	0.7	45	6	9	50	1.8	27	<	230	1.33	1.8	4	60	20	50.00	<
105A 931177 00	<	2.7	6	11.70	350	41.0	1.1	42	5	6	67	1.1	28	<	132	0.51	.6	1	54	17	58.58	<
105A 931178 00	<	20.0	<	10.89	370	64.0	0.9	22	4	5	33	.8	15	<	105	3.45	4.2	1	30	13	62.19	<
105A 931179 00	<	16.0	<	21.51	640	54.4	0.4	<	6	7	24	<	24	<	113	4.42	8.2	1	56	6	40.34	<

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A
Analytical Data

Variable:	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc	Sm	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F.W	U.W
Units:	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
Detection Limit:	5	2	.02	2	2	5	.1	.2	.1	.5	.5	.2	.2	5	1	1	2		20	.05
Analytical Method:	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
105A 931135 00	104	3	1.10	24	9	36	.5	4.1	1.9	.6	<	4.5	1.5	18	1	1	298	7.2	26.0	<
105A 931136 00	138	2	1.10	28	8	34	.6	5.3	2.1	.7	<	4.6	3.8	15	<	1	145	7.3	38.0	<
105A 931137 00	653	<	1.50	30	11	60	.7	8.5	3.2	.6	.5	7.1	6.4	19	<	2	137	7.6	52.0	<
105A 931138 00	1154	<	.08	10	10	<	.3	1.4	.4	<	<	1.0	2.4	12	<	<	62	7.6	62.0	0.05
105A 931139 00	41785	5	.08	13	9	<	.9	1.6	.5	<	<	1.4	1.9	20	1	1	63	8.0	64.0	0.16
105A 931140 00	253	<	1.30	27	9	28	.8	4.6	2.0	.5	<	4.8	4.6	15	<	<	91	7.8	48.0	0.05
105A 931142 00	3923	9	.02	3	10	<	<	<	<	<	<	.3	.9	11	3	2	21	8.2	98.0	0.4
105A 931143 10	1606	11	.09	5	10	<	<	1.1	.5	<	<	.9	3.9	15	1	<	34	8.1	104.0	0.4
105A 931144 20	1435	10	.11	5	12	6	.1	1.1	.5	<	<	1.2	5.4	12	1	<	37	8.0	110.0	0.4
105A 931145 00	1765	5	.69	36	17	66	2.1	11.0	3.4	.8	<	8.3	10.0	32	1	2	149	7.8	64.0	0.38
105A 931146 00	1440	4	.36	26	12	19	1.5	5.8	2.1	<	<	5.1	7.0	20	<	1	154	8.0	60.0	0.32
105A 931147 00	266	<	1.10	12	9	26	.6	3.7	1.3	<	<	3.7	3.6	11	<	<	86	8.0	58.0	0.12
105A 931148 00	82	<	.62	31	7	38	.5	5.2	2.2	.7	<	5.7	5.6	8	<	<	115	7.8	36.0	<
105A 931149 00	326	<	1.00	34	17	72	.6	8.5	4.8	.7	.7	12.0	8.4	18	1	<	129	7.8	44.0	0.05
105A 931150 00	111	<	.47	22	6	19	.6	3.9	1.5	<	<	4.1	8.2	9	<	<	120	7.9	42.0	0.42
105A 931152 00	72	2	1.10	15	3	23	.3	2.4	1.0	<	<	3.1	3.2	5	<	<	130	7.7	44.0	0.07
105A 931153 00	350	2	1.00	28	28	130	.9	12.0	5.1	.7	<	15.0	8.8	23	3	1	298	7.6	42.0	<
105A 931154 00	46	<	.26	29	4	11	.4	4.0	1.7	<	<	5.0	7.4	10	<	<	128	7.5	38.0	<
105A 931155 00	249	<	1.40	15	6	35	.5	4.2	2.2	.5	<	5.8	4.6	6	1	<	108	7.5	40.0	0.05
105A 931156 00	179	<	.30	21	8	13	.5	3.7	1.7	<	<	4.7	12.0	13	<	<	113	7.7	54.0	0.2
105A 931157 00	106	<	.55	62	7	29	.7	5.6	2.4	<	<	7.3	4.5	14	1	<	162	7.5	40.0	<
105A 931158 00	15120	8	.04	5	10	<	1.7	.6	.1	<	<	.6	10.0	20	<	<	52	8.0	44.0	0.33
105A 931159 00	74	5	.12	3	9	<	.2	.3	.2	<	<	.6	4.2	15	<	<	26	8.3	40.0	0.42
105A 931160 00	1567	8	.29	20	12	22	.7	3.8	1.4	<	<	3.2	2.4	22	1	<	127	7.7	70.0	<
105A 931162 10	224	4	.36	25	7	19	.7	4.4	1.5	<	<	3.9	6.1	16	1	<	119	7.7	70.0	0.05
105A 931163 20	229	3	.62	23	8	32	.7	3.8	1.5	<	<	3.3	6.4	14	<	<	116	7.8	78.0	0.05
105A 931164 00	1156	3	.38	19	12	24	.5	4.5	1.9	<	<	4.6	1.9	17	1	1	81	8.1	72.0	0.19
105A 931165 00	286	8	.06	6	8	<	.2	.4	.2	<	<	.5	1.3	12	2	<	33	8.0	70.0	0.06
105A 931166 00	12758	3	.38	6	9	<	.3	1.1	.4	<	<	.8	1.1	13	<	<	68	7.9	56.0	0.05
105A 931167 00	5205	4	.12	12	11	8	.4	2.3	.7	<	<	1.5	2.1	21	<	<	51	8.2	68.0	0.2
105A 931168 00	14320	4	.12	8	8	8	.3	1.8	.6	<	<	1.3	.9	14	<	<	30	8.3	88.0	0.12
105A 931170 00	200	3	.16	25	5	<	.4	1.8	.9	<	<	1.4	3.6	14	<	<	89	8.0	102.0	<
105A 931171 00	52	5	.35	6	8	7	.6	.7	.4	<	<	1.0	12.0	13	<	<	47	7.9	70.0	0.58
105A 931172 00	62	5	.15	6	8	7	.6	1.3	.4	<	<	1.0	19.0	13	<	<	71	7.9	56.0	0.96
105A 931173 00	65	5	.09	4	8	<	.5	.5	.1	<	<	.3	8.3	14	<	<	28	8.1	44.0	0.52
105A 931174 00	77	8	.09	5	10	<	.5	.5	.2	<	<	.7	8.2	16	<	<	32	8.2	70.0	0.6
105A 931175 00	530	2	1.00	28	7	32	.6	5.1	2.3	.6	<	6.1	7.2	14	1	<	116	8.0	58.0	0.32
105A 931177 00	77	<	.48	30	8	29	.5	5.5	2.1	<	<	5.3	2.6	17	1	<	142	7.6	26.0	<
105A 931178 00	756	2	.78	11	8	24	.7	3.4	1.4	.7	<	3.8	7.0	16	<	<	131	7.9	62.0	0.17
105A 931179 00	602	5	.48	18	9	<	1.0	2.3	.8	<	<	1.5	6.3	18	<	<	85	8.2	68.0	0.14

Map Sample ID	Rep Stat Zone	UTM Easting	UTM Northing	Rock Unit Age	Lake Area	Lake Depth	Terrain Relief	Sample Cont	Sample Colour	Suspend Mat'l
105A 931180	00 09	475798	6668705	CDRC 09	Pond	3	Low	-	GreyGreen	-
105A 931183	00 09	483797	6664962	CDRC 09	Pond	17	Med	-	Black	-
105A 931184	10 09	488275	6661727	CDRC 09	.25-1	10	Med	-	BlackGrey	-
105A 931185	20 09	488275	6661727	CDRC 09	.25-1	10	Med	-	BlackGrey	-
105A 931186	00 09	495503	6661453	CDRC 09	.25-1	7	Low	-	BlackGrey	-
105A 931187	00 09	499485	6661478	CDRC 09	Pond	5	Low	Ca	BlackGrey	-
105A 931188	00 09	502888	6660011	PgTS 57	Pond	1	Low	-	Grey	-
105A 931189	00 09	491710	6659611	CDRC 09	1-5	28	Med	-	Black	-
105A 931190	00 09	483650	6660651	CDRC 09	.25-1	10	Low	-	Brown	-
105A 931191	00 09	483067	6662169	CDRC 09	Pond	7	Low	-	Black	-
105A 931192	00 09	477179	6662356	CDRC 09	.25-1	11	Med	-	Black	-
105A 931193	00 09	477778	6665260	CDRC 09	1-5	4	Med	-	BrownGreen	-
105A 931194	00 09	475640	6664490	CDRC 09	1-5	10	Med	-	BrownGreen	-
105A 931195	00 09	475470	6662444	CDRC 09	.25-1	6	Med	-	GreyBlack	-
105A 931196	00 09	472666	6665019	CDRC 09	1-5	4	Med	-	BrownGreen	-
105A 931197	00 09	473109	6667022	CDRC 09	Pond	4	Low	-	BrownGreen	-
105A 931198	00 09	468921	6663705	CDRC 09	.25-1	4	Med	-	Black	-
105A 931199	00 09	464852	6662772	CDRC 09	Pond	5	Med	-	Brown	-
105A 931200	00 09	453525	6671829	CDRC 09	.25-1	2	Med	-	Tan	-
105A 931202	10 09	450882	6671297	PCGC 08	Pond	1	Med	-	Brown	-
105A 931203	20 09	450882	6671297	PCGC 08	Pond	1	Med	-	Brown	-
105A 931204	00 09	446110	6672298	PCGC 08	.25-1	8	Hi	Ca	GreyBlack	-
105A 931205	00 09	453733	6664210	PCGC 08	Pond	11	Hi	-	BrownGreen	-
105A 931206	00 09	456574	6663383	TQE 63	Pond	9	Med	-	GreenBrown	-
105A 931207	00 09	459545	6662656	TQE 63	.25-1	4	Med	-	Brown	-
105A 931208	00 09	470349	6662458	CDRC 09	Pond	7	Med	-	BrownGreen	-
105A 931209	00 09	473047	6661399	CDRC 09	Pond	6	Low	-	Brown	-
105A 931210	00 09	482575	6657763	CDRC 09	.25-1	6	Med	-	BrownGreen	-
105A 931211	00 09	496159	6657592	CDRC 09	1-5	20	Med	-	BrownGreen	-
105A 931212	00 09	492295	6656375	CDRC 09	.25-1	15	Med	-	BrownGreen	-
105A 931214	00 09	485536	6655814	CDRC 09	.25-1	8	Low	-	GreenBrown	-
105A 931215	00 09	479053	6657189	CDRC 09	.25-1	9	Med	-	BrownGreen	-
105A 931216	00 09	475767	6658424	CDRC 09	.25-1	15	Low	-	Black	-
105A 931217	00 09	468440	6660965	CDRC 09	.25-1	6	Med	-	GreenBrown	-
105A 931218	00 09	464824	6659426	CDRC 09	Pond	1	Med	-	BlackTan	-
105A 931219	00 09	461923	6659039	TQE 63	.25-1	14	Med	-	GreenBlack	-
105A 931220	00 09	459605	6658195	TQE 63	Pond	11	Med	-	Black	-
105A 931222	00 09	455600	6656179	TQE 63	Pond	8	Low	-	BlackGreen	-
105A 931223	10 09	453129	6659239	TQE 63	.25-1	3	Low	-	GreenBrown	-
105A 931225	20 09	453129	6659239	TQE 63	.25-1	3	Low	-	GreenBrown	-

Analytical Data

Variable:	Ag	As	Au	Auwt	Ba	Br	Cd	Ce	Co	Co	Cr	Cr	Cs	Cu	Eu	F	Fe	Fe	Hf	Hg	La	La	Lu
Units:	ppm	ppm	ppb	gram	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	pct	ppm	ppb	ppm	ppm	ppm
Detection Limit:	0.2	0.5	2		50	0.5	0.2	5	2	5	20	20	0.5	2	1	40	0.02	0.2	1	5	2	2	1.0
Analytical Method:	AAS	INAA	INAA		INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV_AAS	INAA	GRAV	INAA
105A 931180 00	0.2	34.0	<	26.95	660	56.1	0.3	8	7	9	33	7	18	<	116	7.25	14.0	1	47	8	40.07	<	
105A 931183 00	<	249.0	<	19.27	1800	46.0	0.4	<	6	8	25	8	23	<	184	6.90	10.0	<	52	9	33.27	<	
105A 931184 10	0.2	57.7	<	18.36	1000	31.0	<	<	<	<	<	<	10	<	63	11.91	16.0	<	43	<	33.46	<	
105A 931185 20	0.2	72.0	<	25.46	1100	32.0	<	<	<	<	<	<	10	<	82	12.30	18.0	<	37	2	34.48	<	
105A 931186 00	<	35.0	<	23.16	980	45.0	<	12	4	6	20	<	13	<	95	4.07	7.3	<	49	6	56.21	<	
105A 931187 00	<	99.0	<	20.77	1700	35.0	0.5	7	4	6	<	7	14	<	77	10.15	13.0	<	52	7	44.70	<	
105A 931188 00	0.2	5.6	<	25.79	1400	5.9	<	<	<	<	<	<	7	<	165	0.44	4	<	9	<	5.19	<	
105A 931189 00	0.3	103.0	<	21.68	1700	54.3	0.3	<	5	7	21	<	16	<	105	7.66	12.0	<	41	2	30.84	<	
105A 931190 00	0.2	6.2	<	20.28	840	28.0	0.3	6	2	<	34	<	17	<	215	0.76	1.0	<	43	3	26.00	<	
105A 931191 00	0.2	38.0	<	23.96	1200	20.0	0.6	<	6	10	<	<	11	<	172	7.08	12.0	1	31	8	22.84	<	
105A 931192 00	0.2	51.2	<	22.35	1500	35.0	0.4	22	8	13	45	7	18	<	96	7.69	12.0	1	47	9	39.54	<	
105A 931193 00	0.2	4.1	<	12.78	450	47.0	0.6	33	6	9	47	8	20	<	150	0.90	1.3	2	39	14	51.82	<	
105A 931194 00	0.2	5.8	<	18.47	350	53.4	1.5	25	7	8	65	5	22	<	111	0.58	9	1	49	11	67.33	<	
105A 931195 00	<	30.0	<	28.79	820	51.7	0.3	6	7	10	<	6	17	<	131	9.60	15.0	<	50	8	42.00	<	
105A 931196 00	0.2	8.2	<	22.29	540	57.6	0.4	14	5	7	65	5	14	<	106	1.33	2.5	1	45	6	54.68	<	
105A 931197 00	<	18.0	2	27.90	580	73.9	1.6	7	4	6	35	<	18	<	85	1.41	3.1	<	45	6	54.02	<	
105A 931198 00	0.2	3.3	<	23.08	400	41.0	1.2	30	5	7	68	8	27	<	136	0.59	1.0	2	54	15	56.34	<	
105A 931199 00	0.2	5.5	<	21.81	670	27.0	1.6	48	7	15	98	1.0	20	1	146	0.95	1.4	3	54	23	44.40	<	
105A 931200 00	<	2.6	<	17.78	370	36.0	0.5	14	2	<	<	<	15	<	101	0.34	0.7	<	33	5	53.97	<	
105A 931202 10	0.2	17.0	<	22.77	520	23.0	0.3	40	8	13	67	1.9	19	<	228	1.25	2.2	2	82	18	34.73	<	
105A 931203 20	0.2	17.0	<	24.44	490	22.0	0.3	37	8	12	65	1.6	19	<	215	1.21	2.2	2	68	20	36.02	<	
105A 931204 00	<	11.0	<	21.88	860	7.4	<	100	31	41	87	6.8	25	1	436	6.60	8.4	4	49	53	11.52	<	
105A 931205 00	0.3	7.5	4	12.47	660	58.1	0.8	40	9	13	66	1.5	37	<	246	2.06	2.4	1	194	22	59.65	<	
105A 931206 00	0.2	13.0	9	7.66	520	73.3	2.1	28	8	14	54	1.2	66	<	152	2.01	2.1	1	93	12	69.58	<	
105A 931207 00	0.2	3.3	3	12.20	460	37.0	0.8	17	2	<	20	<	27	<	101	0.40	0.5	1	62	7	63.75	<	
105A 931208 00	0.4	2.7	2	22.56	460	40.0	1.5	38	5	6	77	1.2	38	<	130	0.51	1.0	2	132	20	57.14	<	
105A 931209 00	<	11.0	<	19.83	650	57.8	0.6	28	9	14	74	1.1	23	<	172	1.52	2.1	1	70	18	59.06	<	
105A 931210 00	<	5.6	<	17.01	440	48.0	0.8	32	6	10	62	1.1	22	<	154	0.67	1.1	2	41	17	56.55	<	
105A 931211 00	0.2	24.0	<	27.00	790	69.5	0.7	46	9	14	83	0.8	24	1	216	2.59	4.0	3	29	24	42.80	<	
105A 931212 00	<	5.5	<	8.67	300	68.4	0.9	12	6	8	73	0.9	17	<	84	0.88	1.1	<	58	7	73.20	<	
105A 931214 00	0.2	7.0	<	14.17	730	69.0	0.6	41	10	14	130	2.4	22	1	205	1.21	1.8	3	50	24	55.07	<	
105A 931215 00	<	4.5	<	12.00	450	53.7	1.1	18	5	7	30	0.7	19	<	142	0.63	1.0	1	39	9	65.81	<	
105A 931216 00	0.3	8.1	<	26.86	1400	59.9	0.8	<	2	<	<	<	28	<	134	3.96	6.4	<	78	2	32.59	<	
105A 931217 00	0.2	3.8	<	10.50	430	44.0	0.9	29	8	10	80	0.9	22	<	166	0.85	1.0	2	33	15	59.09	<	
105A 931218 00	0.2	1.7	<	19.02	840	19.0	0.2	6	2	<	<	<	14	<	134	0.52	0.7	<	47	2	43.20	<	
105A 931219 00	<	4.9	<	19.59	1400	48.0	0.6	19	5	7	170	1.0	30	<	273	1.01	1.4	1	68	8	34.61	<	
105A 931220 00	<	10.0	<	20.02	1700	48.0	0.4	<	6	7	<	<	35	<	147	7.73	11.0	<	80	3	37.78	<	
105A 931222 00	0.3	12.0	<	18.56	500	54.0	0.4	<	5	<	<	<	31	<	71	16.25	17.0	<	47	4	55.39	<	
105A 931223 10	<	5.3	3	17.39	410	54.3	0.6	18	5	5	53	1.1	28	<	143	0.85	1.3	2	56	12	64.38	<	
105A 931225 20	<	5.9	2	16.81	250	64.6	0.8	21	7	7	76	<	28	<	96	0.85	0.9	<	89	8	77.54	<	

Analytical Data

Variable:	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc	Sm	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F _W	U _W
Units:	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
Detection Limit:	5	2	.02	2	2	5	.1	.2	.1	.5	.5	.2	.2	5	1	1	2		20	.05
Analytical Method:	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
105A 931180 00	741	5	.27	24	10	19	.5	3.1	1.0	<	<	2.2	5.1	14	<	<	75	8.0	98.0	0.1
105A 931183 00	6699	14	.22	20	9	12	.6	3.4	1.2	<	<	2.4	2.4	24	2	<	81	7.9	76.0	0.12
105A 931184 10	2988	5	.06	5	8	<	.5	1.1	.3	<	<	.7	3.7	21	<	<	50	8.1	72.0	0.32
105A 931185 20	3085	6	.06	5	8	<	.5	1.2	.3	<	<	.6	3.7	21	<	<	44	8.1	72.0	0.3
105A 931186 00	1690	6	.17	9	7	6	.7	2.1	.8	<	<	1.7	3.4	18	1	<	55	7.9	70.0	0.22
105A 931187 00	3475	4	.18	8	9	8	.5	2.3	.9	<	<	2.0	1.4	21	<	<	52	8.2	74.0	0.2
105A 931188 00	112	11	.03	3	9	<	.2	.3	<	<	<	<	1.1	22	<	<	13	8.1	90.0	0.12
105A 931189 00	25820	10	.07	13	10	<	.4	1.4	.4	<	<	.6	1.8	21	1	<	69	8.1	56.0	0.1
105A 931190 00	454	18	.11	12	9	5	.8	1.6	.5	<	<	1.3	12.0	31	<	<	44	8.2	78.0	0.72
105A 931191 00	4438	6	.28	14	9	17	.6	2.7	1.1	<	<	2.5	10.0	23	<	<	41	8.3	84.0	0.66
105A 931192 00	6967	10	.26	17	10	19	.7	3.2	1.4	<	<	2.8	5.1	28	<	<	68	8.2	80.0	0.28
105A 931193 00	286	2	.92	21	7	30	.5	4.4	1.6	<	<	3.6	2.7	11	<	<	110	8.0	38.0	0.12
105A 931194 00	111	<	.52	26	3	19	.5	4.0	1.2	<	<	2.6	6.1	13	<	<	112	7.9	26.0	<
105A 931195 00	2924	8	.33	14	9	10	.5	3.3	1.0	<	<	2.1	5.5	15	<	<	86	8.0	58.0	0.2
105A 931196 00	162	8	.22	19	7	7	.8	2.8	.7	<	<	1.7	17.0	22	<	<	95	8.1	66.0	0.72
105A 931197 00	145	10	.25	24	7	<	.9	2.7	.8	<	<	2.0	14.0	20	<	<	92	8.0	68.0	0.32
105A 931198 00	94	<	.83	25	5	16	.4	4.7	1.6	<	<	3.5	2.0	13	<	1	170	7.7	<	<
105A 931199 00	129	<	.94	31	11	42	.9	8.1	2.5	<	<	5.4	4.1	21	<	1	160	7.8	34.0	0.07
105A 931200 00	73	4	.36	8	7	9	.3	1.8	.7	<	<	1.6	6.2	8	<	<	77	7.9	32.0	0.52
105A 931202 10	644	6	.38	13	13	41	.4	4.9	2.6	.6	<	6.2	3.0	12	1	1	58	8.1	76.0	0.56
105A 931203 20	595	5	.43	13	13	34	.4	5.4	2.6	<	<	5.9	3.1	13	<	1	52	8.1	74.0	0.56
105A 931204 00	1478	<	.50	21	18	160	.7	20.0	6.8	1.4	.9	16.0	4.4	15	<	3	73	8.1	74.0	0.39
105A 931205 00	372	5	.33	33	12	34	1.4	8.3	2.8	<	<	5.3	4.8	23	<	<	137	8.1	70.0	0.2
105A 931206 00	374	9	.34	52	11	18	3.2	4.7	1.8	<	<	3.6	13.0	24	<	<	193	8.2	48.0	0.22
105A 931207 00	55	5	.49	24	6	12	.5	3.1	1.0	<	<	2.2	2.1	10	<	<	106	8.0	28.0	<
105A 931208 00	70	<	.73	36	8	32	.5	7.3	2.3	<	<	5.3	1.7	13	<	1	180	6.5	<	<
105A 931209 00	199	3	.75	33	9	32	.7	6.1	1.9	.6	<	4.2	4.8	16	<	1	132	7.8	38.0	0.1
105A 931210 00	129	<	.84	19	9	22	.5	5.0	1.7	<	<	4.1	2.9	12	<	1	110	7.6	<	<
105A 931211 00	3842	4	1.30	18	10	40	1.3	7.0	2.6	1.1	<	5.2	8.7	20	<	1	137	7.9	26.0	0.12
105A 931212 00	363	5	.25	16	8	9	.5	2.7	1.0	<	<	2.1	2.0	11	<	<	155	7.9	36.0	0.06
105A 931214 00	459	4	.74	39	12	45	.9	7.7	2.7	.8	<	6.5	6.4	14	<	2	140	8.2	38.0	0.12
105A 931215 00	184	2	.63	18	7	7	.7	3.1	1.1	<	<	2.3	3.1	14	<	<	131	8.0	46.0	0.1
105A 931216 00	1139	11	.13	11	11	7	1.7	1.5	.3	<	<	.8	4.6	23	<	<	84	8.3	48.0	0.32
105A 931217 00	106	<	.50	28	9	20	.5	5.4	1.9	<	<	3.8	2.2	16	1	<	139	7.6	<	<
105A 931218 00	138	7	.06	7	13	<	.3	1.2	.4	<	<	.8	4.7	12	<	<	62	8.3	68.0	0.55
105A 931219 00	1142	12	.31	14	13	25	1.7	2.9	1.0	<	<	2.6	13.0	32	<	<	88	8.4	76.0	0.49
105A 931220 00	5376	15	.08	10	10	<	.8	1.8	.6	<	<	.9	6.5	31	<	<	64	8.3	112.0	0.5
105A 931222 00	3434	5	.11	16	14	16	2.0	2.1	.6	<	<	1.0	2.7	19	<	<	144	8.0	44.0	0.19
105A 931223 10	182	5	.58	28	6	16	.7	3.9	1.6	<	<	3.1	4.7	11	1	<	123	8.1	44.0	0.1
105A 931225 20	65	6	.22	32	8	<	.6	4.0	1.1	<	<	1.9	3.1	9	<	<	153	8.2	44.0	0.12

Map Sample ID	Rep Stat Zone	UTM Easting	UTM Northing	Rock Unit Age	Lake Area	Lake Depth	Terrain Relief	Sample Cont	Sample Colour	Suspend Mat/l
105A 931226	00 09	450594	6653691	PCGC 08	.25-1	4	LOW	MoFu	GreenBrown	-
105A 931227	00 09	445238	6652298	PCGC 08	.25-1	5	Med	-	GreenBrown	-
105A 931228	00 09	454303	6653346	T0E 63	.25-1	7	LOW	-	GreenBlack	-
105A 931229	00 09	458288	6652467	PCGC 08	.25-1	3	LOW	-	Black	-
105A 931230	00 09	468262	6658869	CDRC 09	.25-1	18	LOW	-	Black	-
105A 931231	00 09	472334	6657823	CDRC 09	.25-1	14	Med	-	GreenBrown	-
105A 931232	00 09	474510	6655692	CDRC 09	.25-1	13	Med	-	BrownGreen	-
105A 931233	00 09	483700	6654880	CDRC 09	1-5	17	Med	CaFu	GreyGreen	-
105A 931234	00 09	491389	6653344	CDRC 09	.25-1	27	Med	-	BrownGrey	-
105A 931235	00 09	497995	6654232	CDRC 09	.25-1	11	Med	MoCa	BlackGreen	-
105A 931236	00 09	501803	6653058	CDRC 09	.25-1	12	Med	-	GreenBrown	-
105A 931237	00 09	506628	6652120	CDRC 09	.25-1	7	LOW	-	Tan	-
105A 931238	00 09	503605	6658141	PgTS 57	.25-1	4	LOW	Wo	BlackGreen	-
105A 931239	00 09	507414	6667349	DTrS 40	Pond	4	LOW	Ca	Brown	-
105A 931240	00 09	508958	6663664	DTrS 40	>5	10	Med	MoCaFu	BlackGreen	-
105A 931242	10 09	511773	6660261	DTrS 40	Pond	1	LOW	Wo	Brown	-
105A 931243	20 09	511773	6660261	DTrS 40	Pond	1	LOW	-	Brown	-

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A
Analytical Data

Variable:	Ag	As	Au	AuWt	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F	Fe	Fe	Hf	Hg	La	La	Lu
Units:	ppm	ppm	ppb	gram	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	pct	ppm	ppb	ppm	pct	ppm
Detection Limit:	0.2	.5	2		50	.5	0.2	5	2	5	20	.5	2	1	40	0.02	.2	1	5	2	1.0	.2
Analytical Method:	AAS	INAA	INAA		INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV_AAS	INAA	GRAV	INAA
105A 931226 00	<	5.9	<	21.48	440	103.0	0.7	29	10	13	75	.8	34	<	144	0.78	1.2	1	68	13	70.51	<
105A 931227 00	<	7.5	<	23.46	870	59.1	0.6	45	17	24	150	2.1	53	<	207	2.50	3.5	2	77	24	46.97	<
105A 931228 00	<	12.0	<	23.42	780	52.2	0.2	37	10	12	41	1.3	32	<	254	2.72	4.3	2	55	19	38.45	<
105A 931229 00	<	5.5	<	21.81	820	33.0	0.7	23	10	15	75	1.1	33	<	193	7.00	8.6	2	63	16	36.36	<
105A 931230 00	<	6.5	<	17.78	780	41.0	1.1	8	2	<	58	.8	54	<	116	1.30	1.6	<	152	5	40.12	<
105A 931231 00	<	4.2	2	15.58	430	41.0	1.2	25	6	6	50	.9	27	<	103	1.22	1.2	1	45	8	68.74	<
105A 931232 00	0.2	5.4	2	25.38	1500	58.7	0.8	<	4	<	47	.5	33	<	179	1.03	1.6	1	69	4	29.08	<
105A 931233 00	0.3	22.0	<	27.49	2000	18.0	0.8	74	16	21	94	6.1	30	1	327	5.97	8.1	4	109	37	15.99	<
105A 931234 00	0.2	15.0	4	22.76	2200	7.0	0.8	80	12	16	110	7.8	27	1	395	3.54	4.5	5	130	44	10.99	<
105A 931235 00	0.2	23.0	<	20.80	980	41.0	0.3	18	5	7	24	1.2	19	<	192	2.02	2.9	2	24	11	29.69	<
105A 931236 00	0.2	10.0	<	9.58	610	76.6	0.7	13	4	5	27	.6	24	<	117	0.79	1.1	1	34	6	55.94	<
105A 931237 00	<	3.2	<	26.86	1200	19.0	<	<	<	<	<	<	10	<	134	0.24	.3	<	8	<	15.49	<
105A 931238 00	0.2	71.1	<	25.08	910	12.0	0.2	39	11	13	41	3.1	19	1	305	15.86	17.0	1	32	23	13.07	<
105A 931239 00	0.2	15.0	<	12.30	650	41.0	0.5	27	5	<	33	.6	19	1	122	1.48	1.9	1	51	10	59.77	<
105A 931240 00	<	44.0	<	24.63	700	266.0	0.3	33	7	6	55	1.4	37	1	172	5.66	8.7	2	57	15	26.62	<
105A 931242 10	<	3.7	3	11.14	330	18.0	1.4	29	6	8	80	.6	32	<	121	0.49	.6	2	40	16	73.69	<
105A 931243 20	<	3.6	3	6.56	300	19.0	1.2	22	5	7	57	.9	26	<	127	0.40	.6	2	32	12	69.11	<

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A

Analytical Data

Variable:	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc	Sm	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F _W	U _W
Units:	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
Detection Limit:	5	2	.02	2	2	5	.1	.2	.1	.5	.5	.2	.2	5	1	1	2		20	.05
Analytical Method:	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
105A 931226 00	213	2	.71	37	8	18	.7	5.5	1.4	<	<	2.6	6.2	11	1	<	147	8.2	38.0	0.18
105A 931227 00	326	5	.93	64	15	37	2.1	10.0	2.8	.6	<	5.2	8.5	34	<	<	136	8.3	46.0	0.28
105A 931228 00	825	8	.39	22	15	27	.9	7.2	2.1	<	<	4.3	2.9	24	1	<	99	8.4	50.0	0.33
105A 931229 00	371	4	.65	36	13	29	.9	8.0	2.1	<	<	3.4	6.5	35	<	<	103	8.3	108.0	0.49
105A 931230 00	111	5	.12	22	13	12	1.2	2.8	.8	<	<	1.3	4.6	18	<	<	92	8.4	58.0	0.52
105A 931231 00	250	4	.25	27	11	11	.9	4.3	1.0	<	<	2.4	5.7	21	<	<	200	8.0	44.0	0.24
105A 931232 00	556	12	.23	16	13	8	1.7	1.9	.5	<	<	1.1	7.5	21	<	<	70	8.3	60.0	0.38
105A 931233 00	3904	3	.45	41	23	99	2.0	14.0	4.8	1.3	.7	11.0	4.8	39	2	1	131	8.4	68.0	0.51
105A 931234 00	2628	<	.43	37	21	120	2.0	14.0	5.8	1.4	.7	13.0	4.4	30	1	2	132	8.5	70.0	0.5
105A 931235 00	506	13	.59	19	15	21	.9	3.6	1.3	<	<	3.0	10.0	22	<	<	93	8.2	58.0	0.62
105A 931236 00	224	7	.33	20	11	15	1.6	2.4	.8	<	<	1.9	6.2	12	<	<	138	8.3	54.0	0.14
105A 931237 00	73	8	.04	3	12	<	.4	.4	.1	<	<	.2	2.5	17	<	<	31	8.3	62.0	0.2
105A 931238 00	573	<	.39	23	19	68	1.2	8.4	2.8	.9	<	8.0	3.8	21	1	1	78	8.2	76.0	0.26
105A 931239 00	140	3	.86	19	8	20	1.0	2.7	1.1	<	<	2.5	5.5	9	<	<	125	8.1	62.0	0.05
105A 931240 00	1265	7	.35	32	13	32	1.6	6.0	2.1	<	<	3.8	3.9	22	<	<	94	8.2	64.0	0.1
105A 931242 10	94	4	.39	32	9	17	.4	5.0	1.9	<	<	3.9	.9	14	<	1	267	8.0	26.0	<
105A 931243 20	86	<	.55	25	7	11	.4	3.6	1.6	<	<	3.4	1.0	10	<	<	243	7.1	22.0	<

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A
 Summary Statistics Over All Rock Units

Variable:	Ag	As	Au	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F
Units:	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit:	0.2	.5	2	50	.5	0.2	5	2	5	20	.5	2	1	40
Analytical Method:	AAS	INAA	INAA	INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE
Number of Sites	204	204	204	204	204	204	204	204	204	204	204	204	204	204
Number of Values >= D.L.	140	204	42	204	203	180	175	184	151	161	163	204	24	204
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.234	33	1.86	817	39	0.93	30.5	6.5	9.1	50	1.71	28.3	0.56	185
Standard Deviation	0.154	102	2.45	479	25.3	0.76	23.0	4.9	6.8	38	1.91	15.5	0.188	89
Skewness	2.01	8.7	4.6	1.36	3.9	2.29	1.02	2.76	2.56	1.46	2.32	1.07	3.6	1.27
Excess Kurtosis	5.2	89	26.8	1.77	30.7	8.1	1.16	13.9	12.7	3.04	6.1	1.19	17.0	1.62
Coef of Var (%)	66	305	131	59	65	82	75	75	76	75	112	55	33	48
Std Error of the Mean	0.0108	7.1	0.171	34	1.77	0.053	1.61	0.34	0.48	2.64	0.134	1.09	0.0132	6.2
Lower 95% Limit on Mean	0.213	19.3	1.53	751	35	0.82	27.3	5.9	8.1	45	1.44	26.2	0.54	173
Upper 95% Limit on Mean	0.255	47	2.20	883	42	1.03	34	7.2	10.0	56	1.97	30.5	0.59	197
Geometric Statistics														
Log10 Mean	-0.70	1.11	0.130	2.85	1.50	-0.177	1.31	0.70	0.85	1.57	0.0209	1.39	-0.264	2.22
Geometric Mean	0.198	12.9	1.35	701	31.8	0.67	20.3	5.1	7.0	37	1.05	24.3	0.54	167
Log10 Standard Deviation	0.245	0.50	0.281	0.241	0.309	0.39	0.46	0.33	0.316	0.36	0.43	0.249	0.103	0.198
Log10 Std Error of Mean	0.0172	0.035	0.0197	0.0169	0.0216	0.0275	0.0323	0.0234	0.0222	0.0251	0.0301	0.0174	0.0072	0.0138
Lower 95% Limit on Mean	0.183	11.1	1.23	649	28.8	0.59	17.5	4.6	6.4	33	0.92	22.5	0.53	156
Upper 95% Limit on Mean	0.214	15.2	1.47	757	35	0.75	23.5	5.6	7.8	42	1.20	26.4	0.56	177
Percentiles														
Minimum Value	0.100	1.70	1.00	180	0.25	0.100	2.5	1.00	2.5	10.0	0.25	4.00	0.50	50
5th Percentile	0.100	2.80	1.00	270	9.20	0.100	2.5	1.00	2.5	10.0	0.25	8.00	0.50	78
10th Percentile	0.100	3.40	1.00	360	14.00	0.100	2.5	1.00	2.5	10.0	0.25	10.00	0.50	95
15th Percentile	0.100	4.20	1.00	400	17.00	0.300	5.0	2.00	2.5	10.0	0.25	14.00	0.50	103
25th Percentile	0.100	5.50	1.00	480	22.00	0.400	12.0	4.00	2.5	24.0	0.60	18.00	0.50	122
35th Percentile	0.200	7.00	1.00	550	28.00	0.600	21.0	4.00	6.0	30.0	0.70	20.00	0.50	142
50th Percentile	0.200	11.00	1.00	710	36.00	0.800	28.0	6.00	8.0	46.0	1.00	26.00	0.50	162
65th Percentile	0.200	18.00	1.00	820	44.00	1.000	36.0	7.00	10.0	57.0	1.40	31.00	0.50	193
70th Percentile	0.300	21.00	1.00	900	47.00	1.100	38.0	8.00	12.0	62.0	1.70	33.00	0.50	207
75th Percentile	0.300	23.00	1.00	980	49.00	1.200	40.0	8.00	12.0	67.0	2.00	37.00	0.50	220
80th Percentile	0.300	29.00	2.00	1100	53.40	1.300	45.0	9.00	13.0	74.0	2.40	39.00	0.50	237
90th Percentile	0.400	57.70	4.00	1500	62.30	1.600	63.0	11.00	16.0	98.0	3.80	49.00	1.00	312
95th Percentile	0.500	108.00	6.00	1800	69.50	2.100	75.0	14.00	19.0	120.0	6.10	61.00	1.00	358
98th Percentile	0.700	249.00	9.00	2000	84.20	3.100	91.0	18.00	24.0	160.0	7.80	68.00	1.00	430
99th Percentile	0.800	332.00	10.00	2200	106.00	4.000	100.0	25.00	31.0	180.0	8.40	70.00	1.00	448
Maximum Value	1.000	1200.00	21.00	2900	266.00	5.300	120.0	41.00	57.0	210.0	12.00	90.00	2.00	536

National Geochemical Reconnaissance Lake Sediment and Water Geochemical Data, Yukon, 1994. GSC OF 2860. NTS 105A
 Summary Statistics Over All Rock Units

Variable:	Fe	Fe	Hf	Hg	La	LOI	Lu	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc	
Units:	pct	pct	ppm	ppb	ppm	pct	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	
Detection Limit:	0.02	.2	1	5	2	1.0	.2	5	2	.02	2	2	5	.1	.2	
Analytical Method:	AAS	INAA	INAA	CV_AAS	INAA	GRAV	INAA	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA	
Number of Sites	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	
Number of Values >= D.L.	204	203	154	204	192	204	11	204	150	203	203	200	178	202	201	
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mean	3.28	4.7	1.49	85	16.8	42	0.111	1523	4.1	0.55	26.2	10.9	37	1.09	5.8	
Standard Deviation	4.0	5.5	1.02	84	12.7	16.9	0.054	4163	4.1	0.37	30.4	6.5	36	0.97	4.2	
Skewness	2.32	2.36	1.43	3.5	1.34	-0.052	5.8	6.3	3.16	0.83	9.4	3.10	1.77	2.71	0.98	
Excess Kurtosis	6.2	7.3	2.28	18.8	2.44	-0.54	40	49	15.1	0.53	110	16.2	3.24	10.1	0.47	
Coef of Var (%)	122	118	69	98	75	41	48	273	100	67	116	59	98	89	72	
Std Error of the Mean	0.279	0.39	0.072	5.9	0.89	1.18	0.0038	291	0.285	0.0259	2.13	0.45	2.54	0.068	0.293	
Lower 95% Limit on Mean	2.73	3.9	1.34	74	15.1	39	0.104	949	3.5	0.50	22.0	10.0	31.9	0.96	5.2	
Upper 95% Limit on Mean	3.8	5.5	1.63	97	18.6	44	0.119	2098	4.6	0.60	30.4	11.8	42	1.22	6.4	
Geometric Statistics																
Log10 Mean	0.241	0.42	0.079	1.79	1.07	1.57	-0.97	2.62	0.46	-0.39	1.30	0.98	1.35	-0.087	0.61	
Geometric Mean	1.74	2.62	1.20	61	11.8	37	0.106	414	2.86	0.41	20.1	9.5	22.2	0.82	4.1	
Log10 Standard Deviation	0.51	0.48	0.284	0.36	0.42	0.227	0.110	0.54	0.36	0.39	0.324	0.243	0.49	0.329	0.42	
Log10 Std Error of Mean	0.036	0.034	0.0199	0.0251	0.0295	0.0159	0.0077	0.045	0.0251	0.0275	0.0227	0.0170	0.034	0.0231	0.0297	
Lower 95% Limit on Mean	1.48	2.25	1.10	55	10.3	35	0.102	337	2.55	0.36	18.1	8.8	19.1	0.74	3.6	
Upper 95% Limit on Mean	2.05	3.05	1.31	69	13.5	40	0.110	508	3.21	0.46	22.2	10.2	26.0	0.91	4.7	
Percentiles																
Minimum Value	0.1200	0.100	0.50	6.0	1.00	4.99	0.100	28.0	1.00	0.0100	1.00	1.00	2.5	0.050	0.100	
5th Percentile	0.2500	0.500	0.50	14.0	1.00	12.72	0.100	53.0	1.00	0.0600	5.00	4.00	2.5	0.300	0.500	
10th Percentile	0.3400	0.700	0.50	19.0	3.00	17.52	0.100	73.0	1.00	0.1100	6.00	5.00	2.5	0.300	1.200	
15th Percentile	0.4900	0.900	0.50	31.0	4.00	21.88	0.100	89.0	1.00	0.1800	9.00	6.00	7.0	0.400	1.700	
25th Percentile	0.7400	1.200	1.00	41.0	7.00	29.08	0.100	130.0	1.00	0.2700	14.00	8.00	13.0	0.500	2.700	
35th Percentile	1.0800	1.600	1.00	47.0	11.00	34.61	0.100	199.0	2.00	0.3400	19.00	8.00	18.0	0.600	3.400	
50th Percentile	1.7100	2.400	1.00	62.0	15.00	42.80	0.100	326.0	3.00	0.4800	24.00	10.00	24.0	0.700	4.700	
65th Percentile	2.7000	3.800	2.00	82.0	19.00	49.80	0.100	644.0	4.00	0.6800	28.00	11.00	36.0	1.000	6.600	
70th Percentile	3.4600	4.600	2.00	88.0	20.00	51.40	0.100	855.0	5.00	0.7400	30.00	12.00	40.0	1.200	7.400	
75th Percentile	4.2500	5.700	2.00	104.0	22.00	54.68	0.100	1142.0	5.00	0.7800	32.00	13.00	45.0	1.400	8.100	
80th Percentile	5.4300	8.100	2.00	114.0	24.00	56.75	0.100	1567.0	6.00	0.8700	33.00	13.00	57.0	1.600	8.700	
90th Percentile	7.9300	12.000	3.00	171.0	32.00	62.89	0.100	3475.0	8.00	1.0000	39.00	16.00	89.0	2.200	12.000	
95th Percentile	10.3900	15.000	4.00	206.0	42.00	68.74	0.200	5881.0	11.00	1.2000	49.00	21.00	120.0	2.800	14.000	
98th Percentile	16.2500	20.200	4.00	311.0	51.00	73.20	0.300	14320.0	14.00	1.5000	62.00	28.00	140.0	3.600	16.000	
99th Percentile	18.3900	23.600	5.00	362.0	59.00	75.54	0.300	19879.0	18.00	1.6000	99.00	34.00	160.0	6.000	17.000	
Maximum Value	23.5600	35.600	6.00	720.0	74.00	88.69	0.600	41785.0	31.00	1.9000	400.00	58.00	200.0	6.500	20.000	

Variable:
 Units:
 Detection Limit:
 Analytical Method:

	Sm	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F_W	U_W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
Number of Sites	204	204	204	204	204	204	204	204	204	204	204	204
Number of Values >= D.L.	201	60	42	201	204	202	33	62	204	204	198	151
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0
Mean	2.27	0.43	0.36	5.3	5.4	17.8	0.63	0.76	116	7.8	58	0.202
Standard Deviation	1.81	0.319	0.237	4.3	4.2	8.7	0.37	0.52	55	0.39	41	0.208
Skewness	1.49	1.91	2.45	1.51	2.45	1.06	4.1	2.45	1.21	-0.95	7.6	1.48
Excess Kurtosis	2.64	3.10	6.1	2.48	8.9	1.31	19.6	6.0	3.8	0.89	83	1.90
Coef of Var (%)	80	75	66	82	78	49	58	68	47	5.0	70	103
Std Error of the Mean	0.127	0.0223	0.0166	0.303	0.291	0.61	0.0256	0.037	3.9	0.0274	2.84	0.0146
Lower 95% Limit on Mean	2.02	0.38	0.323	4.7	4.8	16.6	0.57	0.69	109	7.7	53	0.174
Upper 95% Limit on Mean	2.52	0.47	0.39	5.9	5.9	19.0	0.68	0.84	124	7.9	64	0.231
Geometric Statistics												
Log10 Mean	0.197	-0.45	-0.51	0.56	0.63	1.20	-0.240	-0.178	2.01	0.89	1.71	-0.94
Geometric Mean	1.57	0.35	0.312	3.6	4.2	15.8	0.58	0.66	102	7.8	51	0.114
Log10 Standard Deviation	0.43	0.243	0.197	0.43	0.300	0.219	0.151	0.207	0.240	0.0224	0.217	0.49
Log10 Std Error of Mean	0.0301	0.0170	0.0138	0.0303	0.0210	0.0154	0.0106	0.0145	0.0168	0.0016	0.0152	0.035
Lower 95% Limit on Mean	1.37	0.325	0.293	3.15	3.9	14.7	0.55	0.62	95	7.7	48	0.098
Upper 95% Limit on Mean	1.80	0.38	0.33	4.2	4.7	17.0	0.60	0.71	111	7.8	55	0.134
Percentiles												
Minimum Value	0.050	0.25	0.25	0.100	0.400	2.5	0.50	0.50	10.00	6.50	10.0	0.025
5th Percentile	0.200	0.25	0.25	0.600	1.300	6.0	0.50	0.50	31.00	7.10	26.0	0.025
10th Percentile	0.400	0.25	0.25	0.900	1.800	8.0	0.50	0.50	48.00	7.30	28.0	0.025
15th Percentile	0.600	0.25	0.25	1.400	2.000	10.0	0.50	0.50	64.00	7.40	34.0	0.025
25th Percentile	1.000	0.25	0.25	2.300	2.700	12.0	0.50	0.50	84.00	7.60	40.0	0.025
35th Percentile	1.300	0.25	0.25	3.100	3.400	13.0	0.50	0.50	97.00	7.70	44.0	0.060
50th Percentile	1.900	0.25	0.25	4.300	4.400	16.0	0.50	0.50	115.00	7.90	54.0	0.120
65th Percentile	2.400	0.25	0.25	5.400	5.500	20.0	0.50	0.50	130.00	8.00	62.0	0.200
70th Percentile	2.700	0.25	0.25	5.900	5.900	21.0	0.50	1.00	136.00	8.00	66.0	0.230
75th Percentile	2.800	0.60	0.25	6.700	6.300	22.0	0.50	1.00	142.00	8.10	70.0	0.300
80th Percentile	3.400	0.70	0.50	7.500	7.100	24.0	0.50	1.00	146.00	8.10	72.0	0.330
90th Percentile	4.800	0.90	0.70	12.000	10.000	30.0	1.00	1.00	173.00	8.20	84.0	0.520
95th Percentile	5.700	1.10	0.80	14.000	13.000	34.0	1.00	2.00	196.00	8.30	98.0	0.600
98th Percentile	7.900	1.40	1.10	16.000	18.000	40.0	2.00	2.00	269.00	8.40	112.0	0.720
99th Percentile	8.200	1.50	1.30	20.900	20.300	46.0	2.00	3.00	298.00	8.40	156.0	0.950
Maximum Value	10.000	1.80	1.50	23.200	31.500	50.0	3.00	3.00	386.00	8.50	525.0	0.990

Variable: Silver (Ag)

Units: ppm
 Detection Limit: 0.2
 Analytical Method: AAS
 Number of Values: 204

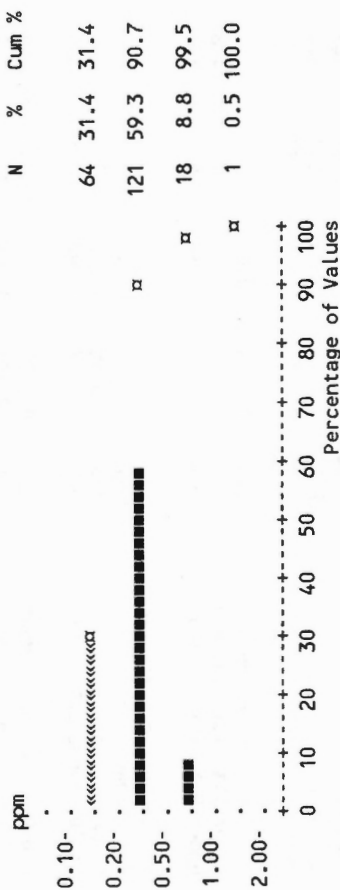
	Total	CDRC	DTrS	PCH	PTrNK	DMGs	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	140	49	19	21	13	10	7	9
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.234	0.191	0.258	0.37	0.205	0.260	0.200	0.255
Standard Deviation	0.154	0.119	0.121	0.197	0.107	0.203	0.121	0.144
Skewness	2.01	2.69	0.37	0.88	0.84	1.14	1.14	1.11
Excess Kurtosis	5.2	10.0	-0.83	0.268	0.274	-0.34	0.47	0.36
Coef of Var (%)	66	62	47	54	52	78	60	57
Std Error of the Mean	0.0108	0.0131	0.0248	0.041	0.0234	0.052	0.035	0.043
Lower 95% Limit on Mean	0.213	0.165	0.207	0.280	0.156	0.148	0.123	0.158
Upper 95% Limit on Mean	0.255	0.218	0.310	0.45	0.254	0.37	0.277	0.35

Geometric Statistics

Log10 Mean	-0.70	-0.78	-0.64	-0.50	-0.74	-0.69	-0.76	-0.65
Geometric Mean	0.198	0.168	0.229	0.317	0.180	0.205	0.173	0.223
Log10 Standard Deviation	0.245	0.214	0.226	0.244	0.227	0.297	0.239	0.232
Log10 Std Error of Mean	0.0172	0.0237	0.046	0.051	0.049	0.077	0.069	0.070
Lower 95% Limit on Mean	0.183	0.150	0.184	0.248	0.142	0.141	0.122	0.156
Upper 95% Limit on Mean	0.214	0.187	0.286	0.40	0.228	0.300	0.245	0.320

Percentiles

Minimum Value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15th Percentile	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
25th Percentile	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2
35th Percentile	0.2	0.1	0.2	0.3	0.1	0.1	0.1	0.2
50th Percentile	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
65th Percentile	0.2	0.2	0.3	0.4	0.2	0.2	0.2	0.2
70th Percentile	0.3	0.2	0.3	0.5	0.3	0.2	0.2	0.3
75th Percentile	0.3	0.2	0.3	0.5	0.3	0.2	0.2	0.3
80th Percentile	0.3	0.2	0.3	0.5	0.3	0.3	0.3	0.3
90th Percentile	0.4	0.3	0.4	0.6	0.3	0.6	0.3	0.4
95th Percentile	0.5	0.4	0.5	0.7	0.3	0.6	0.3	0.4
98th Percentile	0.7	0.4	0.5	0.9	0.5	0.7	0.5	0.6
99th Percentile	0.8	0.7	0.5	0.9	0.5	0.7	0.5	0.6
Maximum Value	1.0	0.8	0.5	0.9	0.5	0.7	0.5	0.6



Variable: Arsenic (As)
 Units: ppm
 Detection Limit: .5
 Analytical Method: INAA
 Number of Values: 204

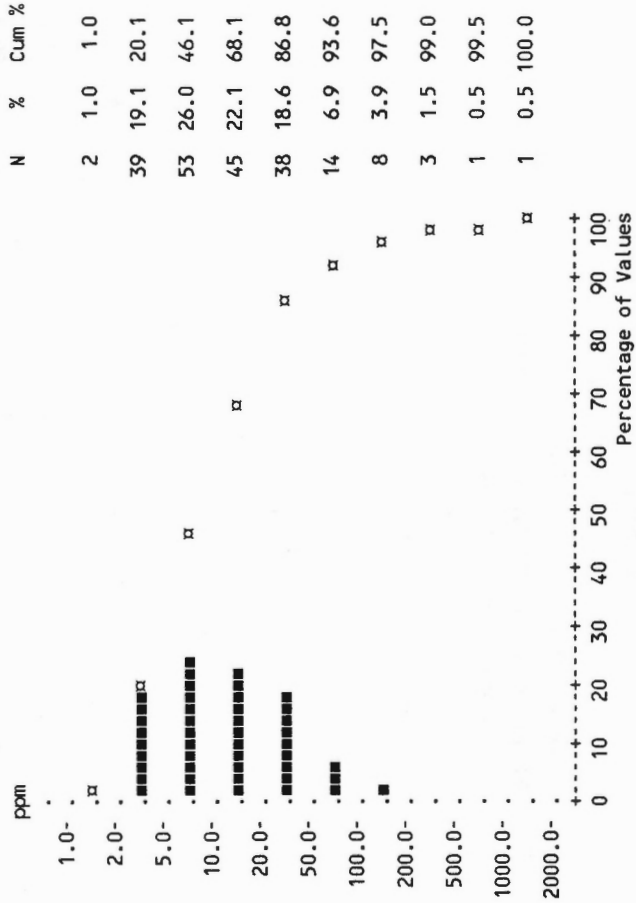
	Total	CDRC	DTrs	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	33	52	18.7	33	22.7	14.8	9.6	21.0
Standard Deviation	102	153	17.4	68	28.4	14.2	5.0	31.8
Skewness	8.7	5.9	2.07	3.7	2.35	1.69	0.66	1.87
Excess Kurtosis	89	38	4.7	13.6	5.8	2.71	-1.27	2.17
Coef of Var (%)	305	292	93	203	125	96	52	151
Std Error of the Mean	7.1	16.9	3.5	14.1	6.2	3.7	1.45	9.6
Lower 95% Limit on Mean	19.3	18.8	11.4	4.0	9.8	6.9	6.4	-0.37
Upper 95% Limit on Mean	47	86	26.0	62	36	22.7	12.8	42

Geometric Statistics

Log10 Mean	1.11	1.17	1.13	1.18	1.11	1.00	0.93	1.05
Geometric Mean	12.9	14.9	13.5	15.2	13.0	10.1	8.5	11.2
Log10 Standard Deviation	0.50	0.60	0.36	0.49	0.47	0.40	0.22	0.44
Log10 Std Error of Mean	0.035	0.066	0.073	0.102	0.103	0.104	0.064	0.133
Lower 95% Limit on Mean	11.1	11.0	9.5	9.3	7.9	6.0	6.1	5.7
Upper 95% Limit on Mean	15.2	20.1	19.1	24.7	21.3	16.9	11.7	22.2

Percentiles

Minimum Value	1.7	1.7	3.7	2.8	1.7	2.7	3.5	5.1
5th Percentile	2.8	2.7	3.7	2.8	1.7	2.7	3.5	5.1
10th Percentile	3.4	3.2	3.8	2.9	3.4	2.7	3.5	5.1
15th Percentile	4.2	3.7	4.8	5.3	3.6	2.7	5.5	5.1
25th Percentile	5.5	4.8	6.7	6.0	5.0	4.6	5.9	5.2
35th Percentile	7.0	6.3	8.1	8.3	7.4	5.2	6.0	6.2
50th Percentile	11.0	11.0	15.0	15.0	10.0	15.0	7.5	7.7
65th Percentile	18.0	20.0	19.0	21.0	22.0	16.0	8.6	8.7
70th Percentile	21.0	23.0	22.0	24.0	26.0	18.0	8.6	10.0
75th Percentile	23.0	32.0	22.0	28.0	29.0	18.0	11.0	10.0
80th Percentile	29.0	38.0	23.0	31.0	34.0	20.0	17.0	17.0
90th Percentile	57.7	103.0	43.0	63.3	50.0	26.0	17.0	51.4
95th Percentile	108.0	170.0	44.0	65.8	54.0	26.0	17.0	51.4
98th Percentile	249.0	253.0	81.7	332.0	127.0	57.8	18.0	108.0
99th Percentile	332.0	639.0	81.7	332.0	127.0	57.8	18.0	108.0
Maximum Value	1200.0	1200.0	81.7	332.0	127.0	57.8	18.0	108.0



Variable: Gold (Au)
 Units: ppb
 Detection Limit: 2
 Analytical Method: INAA
 Number of Values: 204

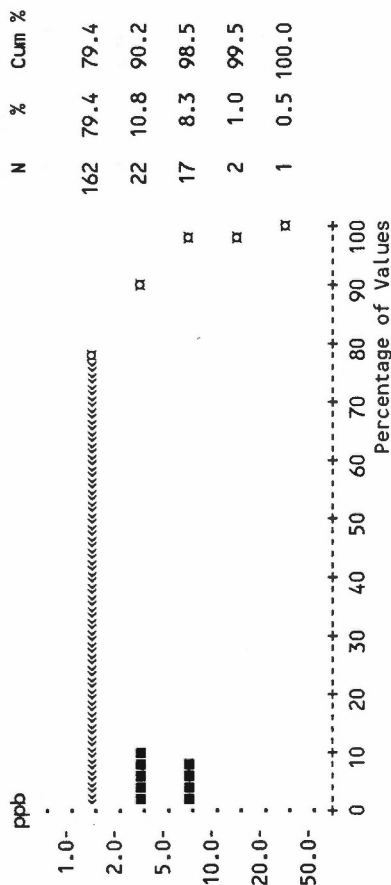
	Total	CDRC	DTrs	PCH	PTrNK	DMGs	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	42	10	9	8	4	2	1	2
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	1.86	1.21	2.50	3.09	1.81	1.60	1.25	1.55
Standard Deviation	2.45	0.66	2.23	4.1	2.14	1.59	0.87	1.51
Skewness	4.6	3.8	0.95	2.28	2.46	2.00	2.65	2.31
Excess Kurtosis	26.8	15.5	-0.83	5.0	4.8	2.26	5.5	3.9
Coef of Var (%)	131	55	89	133	118	100	69	98
Std Error of the Mean	0.171	0.073	0.45	0.86	0.47	0.41	0.250	0.45
Lower 95% Limit on Mean	1.53	1.06	1.56	1.31	0.84	0.72	0.70	0.53
Upper 95% Limit on Mean	2.20	1.35	3.4	4.9	2.78	2.48	1.80	2.56

Geometric Statistics

Log10 Mean	0.130	0.050	0.251	0.262	0.123	0.098	0.050	0.098
Geometric Mean	1.35	1.12	1.78	1.83	1.33	1.25	1.12	1.25
Log10 Standard Deviation	0.281	0.143	0.35	0.40	0.285	0.260	0.174	0.243
Log10 Std Error of Mean	0.0197	0.0158	0.071	0.084	0.062	0.067	0.050	0.073
Lower 95% Limit on Mean	1.23	1.04	1.27	1.22	0.98	0.90	0.87	0.86
Upper 95% Limit on Mean	1.47	1.20	2.50	2.73	1.79	1.75	1.45	1.83

Percentiles

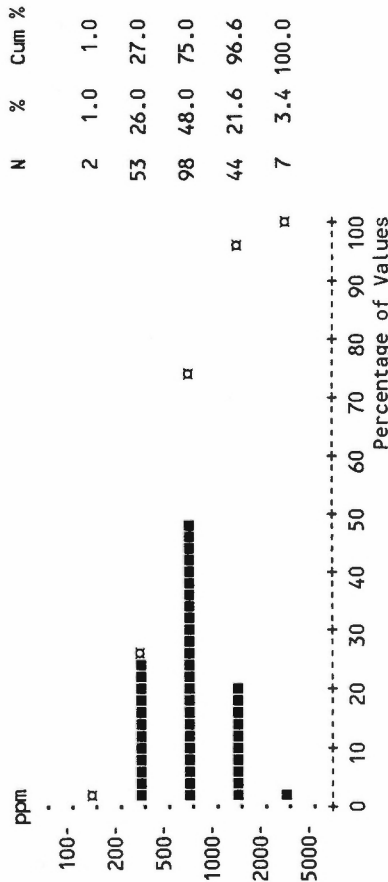
Minimum Value	1	1	1	1	1	1	1	1
5th Percentile	1	1	1	1	1	1	1	1
10th Percentile	1	1	1	1	1	1	1	1
15th Percentile	1	1	1	1	1	1	1	1
25th Percentile	1	1	1	1	1	1	1	1
35th Percentile	1	1	1	1	1	1	1	1
50th Percentile	1	1	1	1	1	1	1	1
65th Percentile	1	1	2	1	1	1	1	1
70th Percentile	1	1	3	2	1	1	1	1
75th Percentile	1	1	4	3	1	1	1	1
80th Percentile	2	1	5	4	1	1	1	1
90th Percentile	4	2	6	7	3	5	1	2
95th Percentile	6	2	7	10	7	5	1	2
98th Percentile	9	3	7	18	9	6	4	6
99th Percentile	10	4	7	18	9	6	4	6
Maximum Value	21	5	7	18	9	6	4	6



Variable: Barium (Ba)

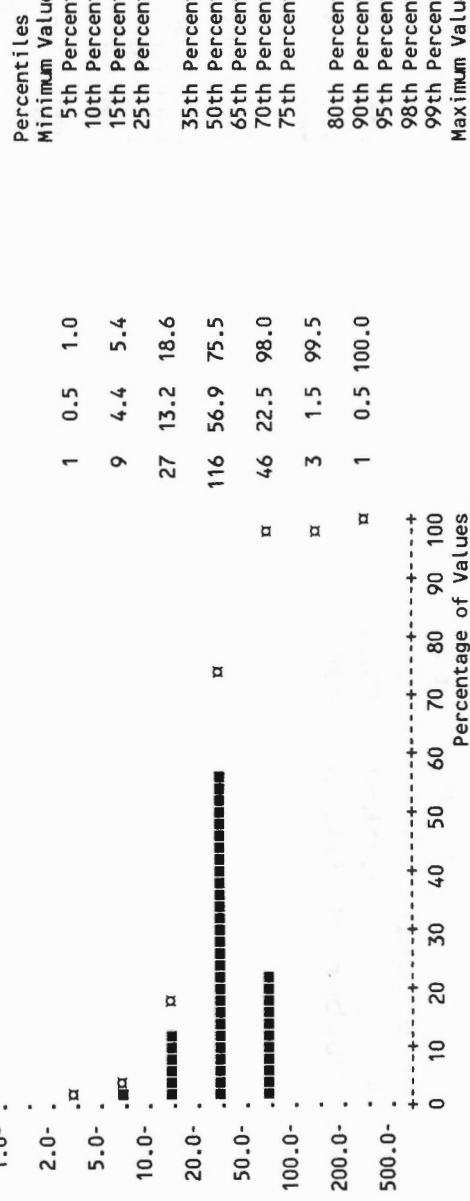
Units: ppm
 Detection Limit: 50
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTRS	PCH	PT-FNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	817	758	837	1090	826	701	630	909
Standard Deviation	479	475	431	680	371	433	187	412
Skewness	1.36	1.30	1.19	0.97	0.77	1.30	-0.091	0.60
Excess Kurtosis	1.77	1.05	0.68	0.080	0.301	0.74	-1.78	-0.98
Coef of Var (%)	59	63	51	62	45	62	29.7	45
Std Error of the Mean	34	52	88	142	81	112	54	124
Lower 95% Limit on Mean	751	654	655	796	657	462	511	632
Upper 95% Limit on Mean	883	862	1019	1385	995	941	749	1186
Geometric Statistics								
Log10 Mean	2.85	2.80	2.87	2.96	2.87	2.78	2.78	2.92
Geometric Mean	701	637	750	908	744	604	603	828
Log10 Standard Deviation	0.241	0.256	0.204	0.274	0.215	0.241	0.137	0.198
Log10 Std Error of Mean	0.0169	0.0283	0.042	0.057	0.047	0.062	0.040	0.060
Lower 95% Limit on Mean	649	560	615	691	594	444	493	610
Upper 95% Limit on Mean	757	726	914	1193	932	821	737	1126
Percentiles								
Minimum Value	180	190	330	210	180	240	380	370
5th Percentile	270	240	330	210	180	240	380	370
10th Percentile	360	280	430	400	390	280	380	370
15th Percentile	400	350	450	490	480	280	390	510
25th Percentile	480	410	510	560	580	410	440	600
35th Percentile	550	490	540	630	610	470	440	680
50th Percentile	710	650	730	900	750	620	660	820
65th Percentile	820	770	920	1100	790	720	730	870
70th Percentile	900	820	950	1200	930	730	730	1000
75th Percentile	980	870	980	1300	1100	730	780	1000
80th Percentile	1100	1000	1000	1400	1100	770	820	1200
90th Percentile	1500	1500	1400	2000	1300	1500	860	1500
95th Percentile	1800	1800	1800	2200	1400	1500	860	1500
98th Percentile	2000	2000	2000	2900	1800	1800	870	1700
99th Percentile	2200	2100	2000	2900	1800	1800	870	1700
Maximum Value	2900	2200	2000	2900	1800	1800	870	1700



Variable: Bromine (Br)
 Units: ppm
 Detection Limit: .5
 Analytical Method: INAA
 Number of Values: 204

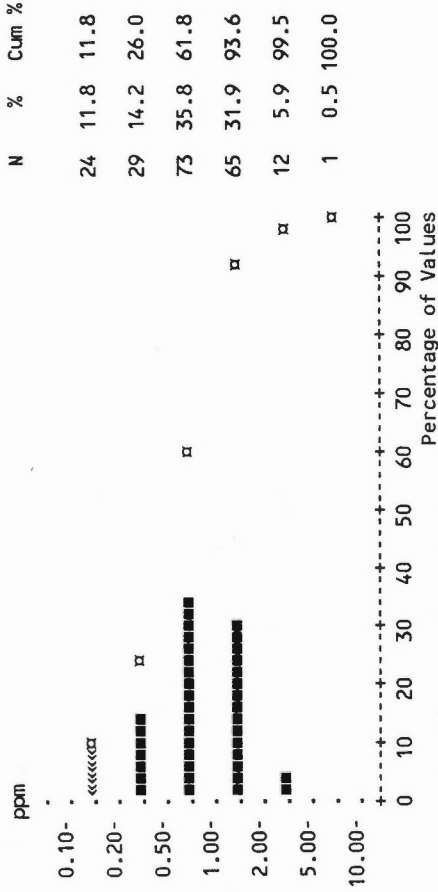
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	203	81	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	39	38	50	37	33	26.4	38	40
Standard Deviation	25.3	18.5	51	13.4	17.7	11.5	26.3	18.8
Skewness	3.9	0.084	3.21	-0.318	0.46	0.54	1.03	0.288
Excess Kurtosis	30.7	-0.83	10.8	-0.89	-0.91	-0.92	0.47	-1.24
Coef of Var (%)	65	48	101	36	53	44	69	47
Std Error of the Mean	1.77	2.04	10.3	2.78	3.9	2.97	7.6	5.7
Lower 95% Limit on Mean	35	34	28.9	31.3	25.0	20.0	21.3	27.0
Upper 95% Limit on Mean	42	42	72	43	41	32.7	55	52
Geometric Statistics								
Log10 Mean	1.50	1.50	1.59	1.53	1.45	1.38	1.48	1.55
Geometric Mean	31.8	31.5	39	34	28.3	24.1	30.0	35
Log10 Standard Deviation	0.309	0.35	0.281	0.194	0.265	0.196	0.33	0.225
Log10 Std Error of Mean	0.0216	0.039	0.057	0.040	0.058	0.050	0.096	0.068
Lower 95% Limit on Mean	28.8	26.3	29.9	28.2	21.4	18.7	18.5	25.0
Upper 95% Limit on Mean	35	38	52	42	37	30.9	49	50



Variable: Cadmium (Cd)

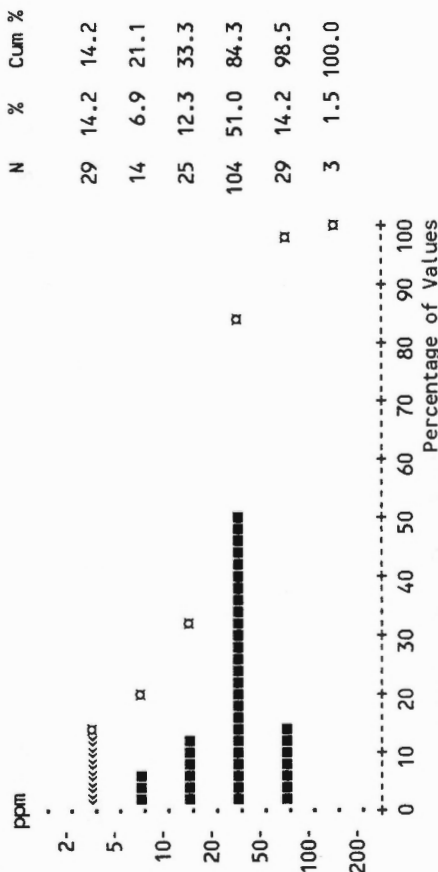
Units: ppm
 Detection Limit: 0.2
 Analytical Method: AAS
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	180	61	24	23	20	15	11	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.93	0.62	1.02	1.53	1.12	1.17	0.73	1.45
Standard Deviation	0.76	0.72	0.40	0.91	0.65	0.47	0.49	1.00
Skewness	2.29	3.9	-0.228	1.78	1.51	0.68	1.56	1.42
Excess Kurtosis	8.1	20.9	-1.15	2.82	3.7	-0.83	2.40	1.11
Coef of Var (%)	82	116	39	59	58	40	67	68
Std Error of the Mean	0.053	0.079	0.081	0.190	0.141	0.122	0.141	0.300
Lower 95% Limit on Mean	0.82	0.46	0.85	1.14	0.82	0.91	0.42	0.79
Upper 95% Limit on Mean	1.03	0.78	1.18	1.93	1.41	1.43	1.04	2.12
Geometric Statistics								
Log10 Mean	-0.177	-0.40	-0.034	0.131	-0.0304	0.038	-0.223	0.089
Geometric Mean	0.67	0.40	0.93	1.35	0.93	1.09	0.60	1.23
Log10 Standard Deviation	0.39	0.42	0.207	0.214	0.307	0.171	0.317	0.257
Log10 Std Error of Mean	0.0275	0.046	0.042	0.045	0.067	0.044	0.091	0.077
Lower 95% Limit on Mean	0.59	0.320	0.76	1.09	0.68	0.88	0.38	0.83
Upper 95% Limit on Mean	0.75	0.49	1.13	1.67	1.29	1.36	0.95	1.83
Percentiles								
Minimum Value	0.1	0.1	0.3	0.5	0.1	0.5	0.1	0.5
5th Percentile	0.1	0.1	0.3	0.5	0.1	0.5	0.1	0.5
10th Percentile	0.1	0.1	0.4	0.8	0.3	0.7	0.1	0.5
15th Percentile	0.3	0.1	0.5	0.8	0.6	0.7	0.3	0.7
25th Percentile	0.4	0.1	0.6	1.0	0.7	0.9	0.4	0.7
35th Percentile	0.6	0.3	0.9	1.1	0.7	0.9	0.6	0.9
50th Percentile	0.8	0.5	1.0	1.3	1.1	1.0	0.7	1.2
65th Percentile	1.0	0.6	1.2	1.5	1.3	1.1	0.7	1.3
70th Percentile	1.1	0.7	1.3	1.6	1.3	1.3	0.7	1.5
75th Percentile	1.2	0.8	1.3	1.6	1.3	1.3	0.8	1.5
80th Percentile	1.3	0.8	1.4	1.7	1.4	1.6	0.8	1.6
90th Percentile	1.6	1.2	1.5	3.1	1.5	2.0	0.9	2.4
95th Percentile	2.1	1.6	1.6	3.1	1.7	2.0	0.9	2.4
98th Percentile	3.1	1.8	1.6	4.5	3.3	2.1	2.1	4.0
99th Percentile	4.0	3.1	1.6	4.5	3.3	2.1	2.1	4.0
Maximum Value	5.3	5.3	1.6	4.5	3.3	2.1	2.1	4.0



Variable: Cerium (Ce)
 Units: ppm
 Detection Limit: 5
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	175	59	23	22	21	15	12	10
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	30.5	20.6	36	39	36	39	47	28.9
Standard Deviation	23.0	21.0	15.9	25.9	20.9	27.1	22.6	12.4
Skewness	1.02	1.46	0.266	0.81	0.60	1.74	1.00	-0.79
Excess Kurtosis	1.16	1.90	-0.43	-0.0328	-0.66	2.45	-0.149	-0.77
Coef of Var (%)	75	102	44	66	58	69	48	43
Std Error of the Mean	1.61	2.32	3.25	5.4	4.6	7.0	6.5	3.7
Lower 95% Limit on Mean	27.3	16.0	29.5	28.2	26.7	24.4	33	20.5
Upper 95% Limit on Mean	34	25.2	43	51	46	54	62	37
Geometric Statistics								
Log10 Mean	1.31	1.06	1.50	1.48	1.47	1.53	1.64	1.38
Geometric Mean	20.3	11.5	31.4	30.1	29.8	34	43	23.9
Log10 Standard Deviation	0.46	0.51	0.288	0.37	0.306	0.242	0.189	0.36
Log10 Std Error of Mean	0.0323	0.056	0.059	0.078	0.067	0.062	0.055	0.107
Lower 95% Limit on Mean	17.5	8.9	23.7	20.8	21.6	24.7	32.8	13.8
Upper 95% Limit on Mean	23.5	14.8	42	44	41	46	57	41
Percentiles								
Minimum Value	3	3	3	3	5	14	23	3
5th Percentile	3	3	3	3	5	14	23	3
10th Percentile	3	3	13	7	7	17	23	3
15th Percentile	5	3	25	8	15	17	28	15
25th Percentile	12	3	25	23	23	24	29	20
35th Percentile	21	6	27	24	24	26	33	22
50th Percentile	28	12	33	34	31	31	40	35
65th Percentile	36	24	38	46	36	36	45	36
70th Percentile	38	28	39	46	42	38	45	37
75th Percentile	40	31	41	51	44	38	53	37
80th Percentile	45	35	49	58	49	40	67	39
90th Percentile	63	46	62	69	71	69	74	40
95th Percentile	75	61	64	98	75	69	74	40
98th Percentile	91	80	68	100	78	120	100	41
99th Percentile	100	90	68	100	78	120	100	41
Maximum Value	120	91	68	100	78	120	100	41



Variable: Cobalt (Co)

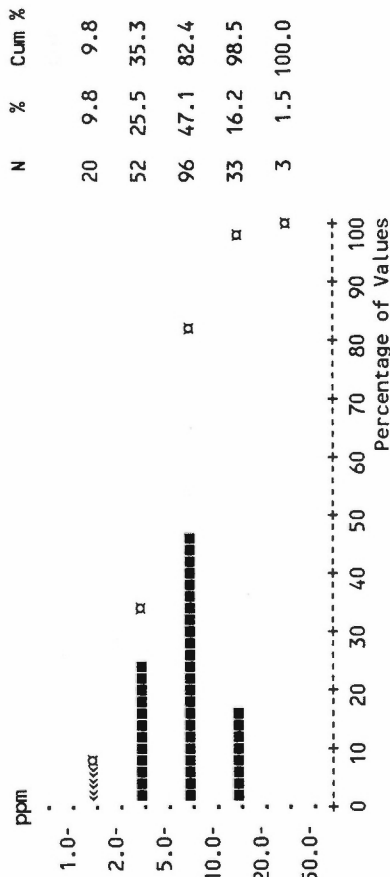
Units: ppm
 Detection Limit: 2
 Analytical Method: AAS
 Number of Values: 204

	Total	CDRC	DTrs	PCH	PTrNK	DMgS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	184	66	23	23	19	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	6.5	4.7	7.9	9.7	6.7	6.3	10.8	5.8
Standard Deviation	4.9	3.21	3.9	7.7	4.5	6.0	7.2	2.14
Skewness	2.76	0.91	0.92	2.90	0.63	2.12	1.70	-0.0097
Excess Kurtosis	13.9	0.79	0.76	9.1	-0.34	3.8	2.31	-1.69

Coef of Var (%)	75	68	49	79	68	95	67	37
Std Error of the Mean	0.34	0.35	0.80	1.60	0.99	1.54	2.08	0.64
Lower 95% Limit on Mean	5.9	4.0	6.3	6.4	4.6	2.97	6.3	4.4
Upper 95% Limit on Mean	7.2	5.4	9.6	13.1	8.7	9.6	15.4	7.3

Geometric Statistics								
Log10 Mean	0.70	0.56	0.84	0.91	0.70	0.68	0.97	0.74
Geometric Mean	5.1	3.6	6.9	8.2	5.0	4.8	9.3	5.4
Log10 Standard Deviation	0.33	0.35	0.253	0.241	0.37	0.295	0.249	0.173
Log10 Std Error of Mean	0.0234	0.038	0.052	0.050	0.080	0.076	0.072	0.052
Lower 95% Limit on Mean	4.6	3.03	5.4	6.4	3.4	3.3	6.4	4.2
Upper 95% Limit on Mean	5.6	4.3	8.9	10.4	7.4	7.0	13.3	7.1

Percentiles								
Minimum Value	1	1	1	3	1	2	3	3
5th Percentile	1	1	1	3	1	2	3	3
10th Percentile	1	1	3	4	1	2	3	3
15th Percentile	2	1	5	4	2	2	5	3
25th Percentile	4	2	6	6	2	3	7	4
35th Percentile	4	3	6	7	4	3	8	4
50th Percentile	6	4	7	8	6	4	9	6
65th Percentile	7	6	8	9	8	6	10	7
70th Percentile	8	6	9	9	8	6	10	7
75th Percentile	8	6	10	9	9	6	10	7
80th Percentile	9	7	10	10	11	6	11	8
90th Percentile	11	9	12	15	12	14	17	8
95th Percentile	14	11	17	17	12	14	17	8
98th Percentile	18	12	18	41	18	25	31	9
99th Percentile	25	13	18	41	18	25	31	9
Maximum Value	41	16	18	41	18	25	31	9



Variable: Cobalt (Co)
 Units: ppm
 Detection Limit: 5
 Analytical Method: INAA
 Number of Values: 204

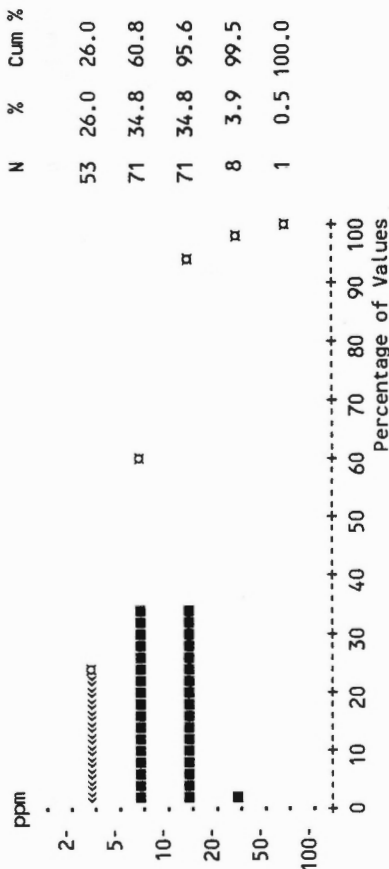
	Total	CDRC	DTFS	PCH	PTFVK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	151	50	21	21	15	9	11	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	9.1	6.6	10.6	14.1	9.4	7.9	14.7	9.4
Standard Deviation	6.8	4.5	5.7	10.8	6.1	7.8	9.8	2.87
Skewness	2.56	1.07	0.54	2.63	0.52	1.78	1.45	-0.102
Excess Kurtosis	12.7	0.48	-0.36	8.1	-0.65	2.49	1.64	-1.71
Coef of Var (%)	76	68	54	77	65	98	67	30.7
Std Error of the Mean	0.48	0.50	1.17	2.25	1.34	2.01	2.83	0.87
Lower 95% Limit on Mean	8.1	5.6	8.2	9.4	6.6	3.6	8.5	7.4
Upper 95% Limit on Mean	10.0	7.6	13.0	18.7	12.2	12.2	20.9	11.3

Geometric Statistics

Log10 Mean	0.85	0.72	0.95	1.06	0.86	0.75	1.08	0.95
Geometric Mean	7.0	5.3	9.0	11.4	7.3	5.7	12.2	8.9
Log10 Standard Deviation	0.316	0.292	0.277	0.291	0.34	0.35	0.294	0.144
Log10 Std Error of Mean	0.0222	0.0323	0.057	0.061	0.074	0.091	0.085	0.043
Lower 95% Limit on Mean	6.4	4.6	6.8	8.6	5.1	3.6	7.9	7.2
Upper 95% Limit on Mean	7.8	6.1	11.7	15.3	10.4	8.9	18.7	11.2

Percentiles

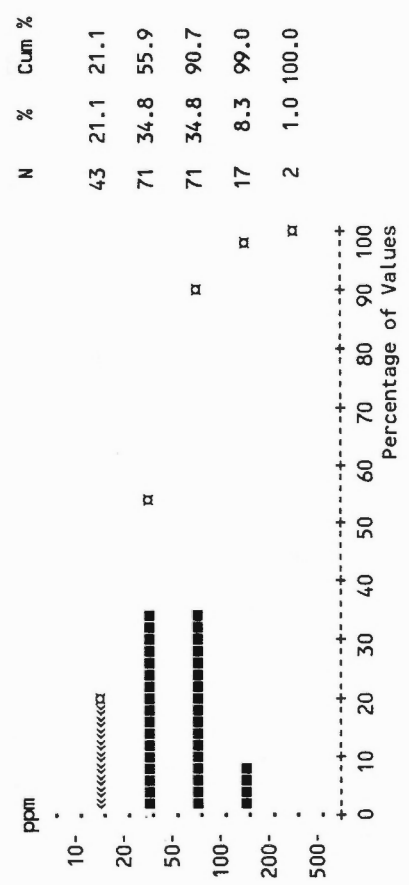
Minimum Value	3	3	3	3	3	3	3	5
5th Percentile	3	3	3	3	3	3	3	5
10th Percentile	3	3	3	3	3	3	3	5
15th Percentile	3	3	5	6	3	3	7	6
25th Percentile	3	3	6	8	3	3	8	7
35th Percentile	6	3	8	10	6	3	12	7
50th Percentile	8	6	9	12	9	7	13	10
65th Percentile	10	7	12	14	12	7	13	11
70th Percentile	12	8	12	14	12	9	13	11
75th Percentile	12	8	15	15	13	9	15	11
80th Percentile	13	10	16	16	15	9	16	12
90th Percentile	16	14	18	22	17	19	24	13
95th Percentile	19	16	19	23	17	19	24	13
98th Percentile	24	17	25	57	24	31	41	13
99th Percentile	31	17	25	57	24	31	41	13
Maximum Value	57	21	25	57	24	31	41	13



Variable: Chromium (Cr)

Units: ppm
 Detection Limit: 20
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	161	50	23	22	18	13	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	50	37	64	56	52	59	66	61
Standard Deviation	38	30.5	32.5	31.7	30.1	58	32.3	37
Skewness	1.46	1.09	0.99	0.65	0.50	1.66	1.23	0.72
Excess Kurtosis	3.04	0.56	1.08	-0.60	-0.48	1.45	1.14	-0.65
Coef of Var (%)	75	82	51	56	58	98	49	61
Std Error of the Mean	2.64	3.4	6.6	6.6	6.6	14.9	9.3	11.2
Lower 95% Limit on Mean	45	30.3	50	43	38	27.0	45	36
Upper 95% Limit on Mean	56	44	77	70	66	91	86	86
Geometric Statistics								
Log10 Mean	1.57	1.42	1.74	1.68	1.62	1.62	1.78	1.71
Geometric Mean	37	26.1	56	48	42	42	60	51
Log10 Standard Deviation	0.36	0.38	0.247	0.270	0.319	0.37	0.196	0.272
Log10 Std Error of Mean	0.0251	0.041	0.051	0.056	0.070	0.095	0.057	0.082
Lower 95% Limit on Mean	33	21.6	44	36	30.1	26.2	45	34
Upper 95% Limit on Mean	42	31.5	71	62	59	67	79	78
Percentiles								
Minimum Value	10	10	10	10	10	10	32	21
5th Percentile	10	10	10	10	10	10	32	21
10th Percentile	10	10	25	20	10	10	32	21
15th Percentile	10	10	33	25	10	10	35	24
25th Percentile	24	10	41	29	26	26	35	24
35th Percentile	30	10	49	34	43	27	41	41
50th Percentile	46	27	55	53	49	45	66	50
65th Percentile	57	46	75	62	53	56	70	57
70th Percentile	62	47	78	62	62	57	70	78
75th Percentile	67	58	80	69	66	57	75	78
80th Percentile	74	65	80	73	71	58	75	86
90th Percentile	98	77	110	100	100	180	87	100
95th Percentile	120	98	110	110	100	180	87	100
98th Percentile	160	110	160	130	120	210	150	140
99th Percentile	180	130	160	130	120	210	150	140
Maximum Value	210	130	160	130	120	210	150	140



Variable: Cesium (Cs)
 Units: ppm
 Detection Limit: .5
 Analytical Method: INAA
 Number of Values: 204

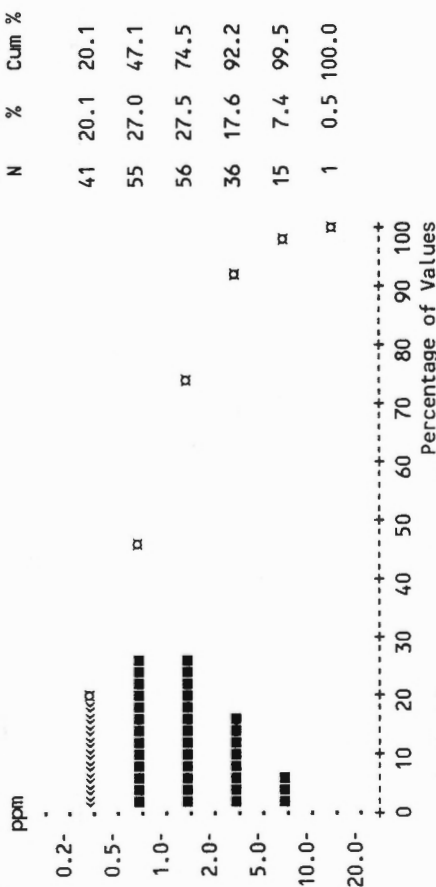
	Total	CDRC	DIRS	PCH	PTNPK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	163	52	23	22	18	13	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	1.71	1.06	1.92	2.70	2.15	1.69	2.80	1.88
Standard Deviation	1.91	1.47	1.53	3.06	2.08	1.29	2.57	1.02
Skewness	2.32	2.92	1.50	1.60	1.51	0.60	1.47	0.46
Excess Kurtosis	6.1	8.4	1.41	1.60	1.77	-1.34	0.76	-1.37
Coef of Var (%)	112	139	80	114	97	76	92	54
Std Error of the Mean	0.134	0.163	0.311	0.64	0.45	0.33	0.74	0.307
Lower 95% Limit on Mean	1.44	0.74	1.27	1.37	1.21	0.98	1.17	1.20
Upper 95% Limit on Mean	1.97	1.39	2.56	4.0	3.10	2.41	4.4	2.57

Geometric Statistics

Log10 Mean	0.0209	-0.196	0.170	0.210	0.143	0.088	0.323	0.215
Geometric Mean	1.05	0.64	1.48	1.62	1.39	1.22	2.10	1.64
Log10 Standard Deviation	0.43	0.40	0.322	0.44	0.44	0.39	0.322	0.243
Log10 Std Error of Mean	0.0301	0.044	0.066	0.091	0.096	0.100	0.093	0.073
Lower 95% Limit on Mean	0.92	0.52	1.08	1.05	0.87	0.75	1.31	1.13
Upper 95% Limit on Mean	1.20	0.78	2.02	2.51	2.20	2.01	3.4	2.39

Percentiles

Minimum Value	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.7
5th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.8	0.7
10th Percentile	0.3	0.3	0.6	0.5	0.3	0.3	0.8	0.7
15th Percentile	0.3	0.3	0.7	0.6	0.3	0.3	0.9	0.9
25th Percentile	0.6	0.3	0.9	0.7	0.6	0.7	1.1	1.0
35th Percentile	0.7	0.3	1.1	1.0	0.8	0.8	1.5	1.1
50th Percentile	1.0	0.7	1.4	1.5	1.5	1.4	1.9	1.4
65th Percentile	1.4	0.8	1.9	1.8	2.4	1.7	2.1	2.3
70th Percentile	1.7	0.8	2.2	1.9	2.9	1.7	2.1	2.4
75th Percentile	2.0	1.0	2.2	2.1	3.0	1.7	2.7	2.4
80th Percentile	2.4	1.1	2.3	3.4	3.1	3.4	3.1	2.5
90th Percentile	3.8	2.2	4.6	7.7	4.2	3.7	6.8	3.3
95th Percentile	6.1	4.9	5.3	8.1	6.2	3.7	6.8	3.3
98th Percentile	7.8	6.1	6.3	12.0	8.4	3.8	9.2	3.7
99th Percentile	8.4	6.7	6.3	12.0	8.4	3.8	9.2	3.7
Maximum Value	12.0	7.8	6.3	12.0	8.4	3.8	9.2	3.7



Variable: Copper (Cu)

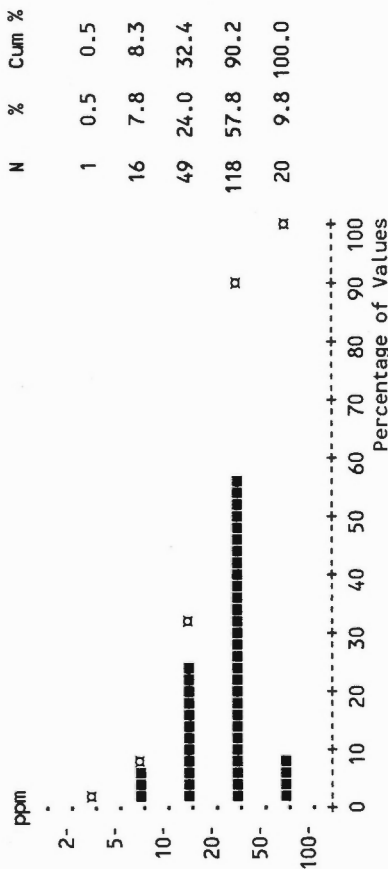
Units: ppm

Detection Limit: 2

Analytical Method: AAS

Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	28.3	19.7	37	37	34	35	32.7	25.7
Standard Deviation	15.5	10.9	16.1	16.9	15.5	16.1	9.5	12.4
Skewness	1.07	1.42	1.55	0.54	0.34	0.61	0.71	1.33
Excess Kurtosis	1.19	2.58	2.89	-1.14	-0.78	-0.63	-0.47	0.98
Coef of Var (%)	55	55	44	45	46	45	29.0	48
Std Error of the Mean	1.09	1.20	3.29	3.5	3.4	4.1	2.74	3.7
Lower 95% Limit on Mean	26.2	17.3	30.1	29.8	26.9	26.4	26.6	17.4
Upper 95% Limit on Mean	30.5	22.1	44	44	41	44	39	34
Geometric Statistics								
Log10 Mean	1.39	1.23	1.53	1.53	1.48	1.51	1.50	1.37
Geometric Mean	24.3	17.1	34	34	30.4	32.0	31.5	23.6
Log10 Standard Deviation	0.249	0.235	0.175	0.199	0.219	0.203	0.122	0.185
Log10 Std Error of Mean	0.0174	0.0259	0.036	0.042	0.048	0.052	0.035	0.056
Lower 95% Limit on Mean	22.5	15.2	28.8	27.5	24.1	24.7	26.4	17.7
Upper 95% Limit on Mean	26.4	19.2	40	41	38	41	38	31.4
Percentiles								
Minimum Value	4	4	13	15	11	13	19	11
5th Percentile	8	7	13	15	11	13	19	11
10th Percentile	10	8	19	16	14	18	19	11
15th Percentile	14	8	23	20	16	18	25	19
25th Percentile	18	11	28	24	18	23	26	19
35th Percentile	20	15	30	26	21	26	27	19
50th Percentile	26	18	33	31	37	35	28	21
65th Percentile	31	22	39	40	39	38	34	22
70th Percentile	33	23	39	42	41	39	34	28
75th Percentile	37	24	42	49	42	39	36	28
80th Percentile	39	27	42	50	43	47	37	29
90th Percentile	49	30	50	63	48	61	46	37
95th Percentile	61	38	68	65	64	61	46	37
98th Percentile	68	54	90	70	66	70	53	57
99th Percentile	70	55	90	70	66	70	53	57
Maximum Value	90	59	90	70	66	70	53	57



Variable: Europium (Eu)

Units: ppm

Detection Limit: 1

Analytical Method: INAA

Number of Values: 204

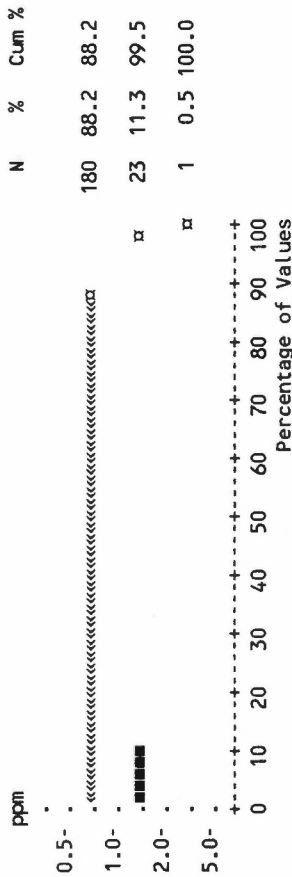
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	24	9	4	2	5	1	1	0
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.56	0.55	0.58	0.54	0.67	0.53	0.54	0.50
Standard Deviation	0.188	0.157	0.190	0.144	0.37	0.129	0.144	0.0000
Skewness	3.6	2.45	1.68	2.74	2.39	3.13	2.65	0.0000
Excess Kurtosis	17.0	4.1	0.86	5.8	5.6	8.4	5.5	0.0000
Coef of Var (%)	33	28.3	32.6	26.5	55	24.2	26.6	0.0000
Std Error of the Mean	0.0132	0.0174	0.039	0.0300	0.080	0.033	0.042	0.0000
Lower 95% Limit on Mean	0.54	0.52	0.50	0.48	0.50	0.46	0.45	0.50
Upper 95% Limit on Mean	0.59	0.59	0.66	0.61	0.83	0.60	0.63	0.50

Geometric Statistics

Log10 Mean	-0.264	-0.268	-0.251	-0.275	-0.215	-0.281	-0.276	-0.301
Geometric Mean	0.54	0.54	0.56	0.53	0.61	0.52	0.53	0.50
Log10 Standard Deviation	0.103	0.095	0.115	0.087	0.169	0.078	0.087	0.0000
Log10 Std Error of Mean	0.0072	0.0105	0.0234	0.0181	0.037	0.0201	0.0251	0.0000
Lower 95% Limit on Mean	0.53	0.51	0.50	0.49	0.51	0.47	0.47	0.50
Upper 95% Limit on Mean	0.56	0.57	0.63	0.58	0.73	0.58	0.60	0.50

Percentiles

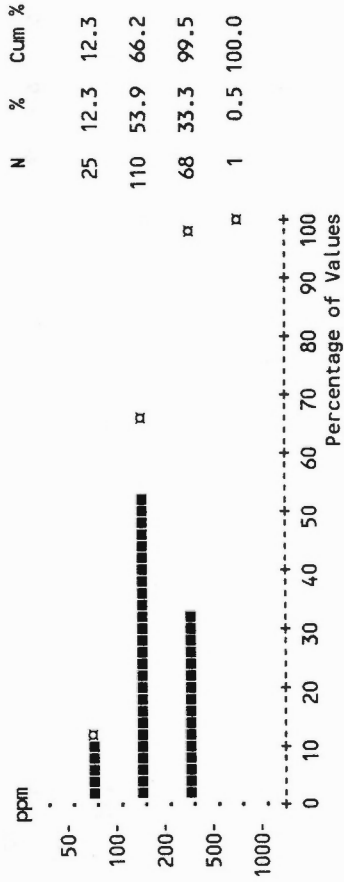
Minimum Value	1	1	1	1	1	1	1	1
5th Percentile	1	1	1	1	1	1	1	1
10th Percentile	1	1	1	1	1	1	1	1
15th Percentile	1	1	1	1	1	1	1	1
25th Percentile	1	1	1	1	1	1	1	1
35th Percentile	1	1	1	1	1	1	1	1
50th Percentile	1	1	1	1	1	1	1	1
65th Percentile	1	1	1	1	1	1	1	1
70th Percentile	1	1	1	1	1	1	1	1
75th Percentile	1	1	1	1	1	1	1	1
80th Percentile	1	1	1	1	1	1	1	1
90th Percentile	1	1	1	1	1	1	1	1
95th Percentile	1	1	1	1	1	1	1	1
98th Percentile	1	1	1	1	2	1	1	1
99th Percentile	1	1	1	1	2	1	1	1
Maximum Value	2	1	1	1	2	1	1	1



Variable: Fluorine (F)

Units: ppm
 Detection Limit: 40
 Analytical Method: ISE
 Number of Values: 204

	Total	CDRC	DTs	PCH	PTFK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	185	147	199	219	233	196	237	178
Standard Deviation	89	70	74	115	108	70	98	61
Skewness	1.27	1.75	0.66	1.24	0.86	0.307	0.57	0.309
Excess Kurtosis	1.62	3.9	-0.89	0.73	-0.284	-1.45	-0.65	-0.63
Coef of Var (%)	48	48	37	52	46	36	42	34
Std Error of the Mean	6.2	7.8	15.1	23.9	23.5	18.1	28.4	18.4
Lower 95% Limit on Mean	173	132	167	169	184	157	174	137
Upper 95% Limit on Mean	197	163	230	269	283	234	299	219
Geometric Statistics								
Log10 Mean	2.22	2.13	2.27	2.29	2.33	2.26	2.34	2.22
Geometric Mean	167	134	186	196	211	184	218	168
Log10 Standard Deviation	0.198	0.183	0.156	0.205	0.201	0.158	0.188	0.162
Log10 Std Error of Mean	0.0138	0.0202	0.0319	0.043	0.044	0.041	0.054	0.049
Lower 95% Limit on Mean	156	123	160	159	171	150	166	131
Upper 95% Limit on Mean	177	147	217	240	261	225	287	215
Percentiles								
Minimum Value	50	50	106	91	62	111	88	74
5th Percentile	78	71	106	91	62	111	88	74
10th Percentile	95	78	107	101	148	117	88	74
15th Percentile	103	86	122	102	149	117	144	128
25th Percentile	122	101	152	136	164	123	162	137
35th Percentile	142	111	158	155	175	144	193	144
50th Percentile	162	134	169	201	185	179	207	174
65th Percentile	193	150	217	213	241	221	246	182
70th Percentile	207	160	217	229	248	234	246	198
75th Percentile	220	172	218	230	287	234	264	198
80th Percentile	237	189	264	241	312	258	297	229
90th Percentile	312	220	336	392	409	301	383	232
95th Percentile	358	272	336	448	426	301	383	232
98th Percentile	430	346	337	536	485	315	436	300
99th Percentile	448	395	337	536	485	315	436	300
Maximum Value	536	430	337	536	485	315	436	300



Variable: Iron (Fe)
 Units: pct
 Detection Limit: 0.02
 Analytical Method: AAS
 Number of Values: 204

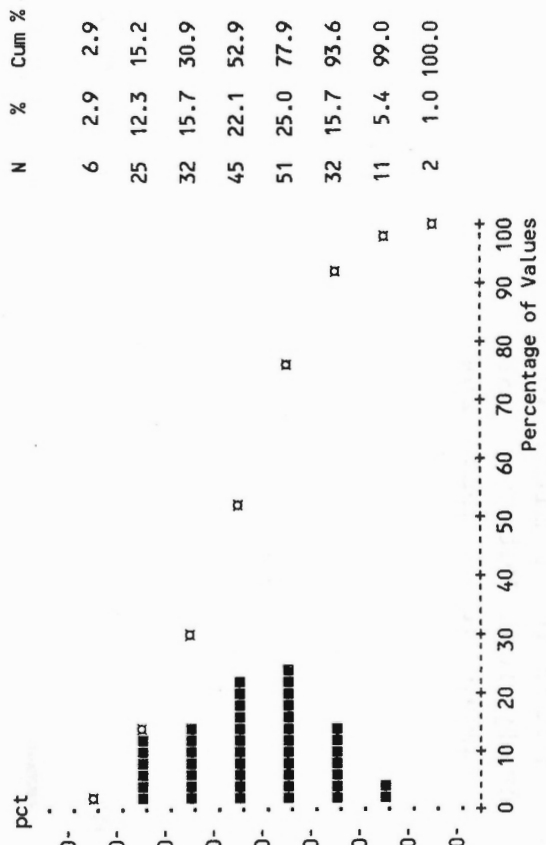
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	3.28	3.4	2.86	4.5	3.02	1.31	2.58	3.3
Standard Deviation	4.0	4.5	2.46	4.6	3.5	1.29	2.22	3.24
Skewness	2.32	2.27	1.07	1.89	1.93	1.35	0.94	1.08
Excess Kurtosis	6.2	5.6	0.0161	3.8	4.0	0.40	-0.60	-0.44

Coef of Var (%)	122	133	86	102	115	98	86	97
Std Error of the Mean	0.279	0.50	0.50	0.95	0.76	0.33	0.64	0.98
Lower 95% Limit on Mean	2.73	2.39	1.82	2.50	1.45	0.60	1.16	1.16
Upper 95% Limit on Mean	3.8	4.4	3.9	6.4	4.6	2.03	4.0	5.5

Geometric Statistics								
Log10 Mean	0.241	0.190	0.301	0.47	0.189	-0.044	0.258	0.36
Geometric Mean	1.74	1.55	2.00	2.95	1.54	0.90	1.81	2.31
Log10 Standard Deviation	0.51	0.57	0.39	0.41	0.58	0.38	0.39	0.37
Log10 Std Error of Mean	0.036	0.063	0.079	0.085	0.126	0.098	0.114	0.113
Lower 95% Limit on Mean	1.48	1.16	1.37	1.96	0.84	0.56	1.02	1.29
Upper 95% Limit on Mean	2.05	2.07	2.91	4.4	2.83	1.47	3.22	4.1

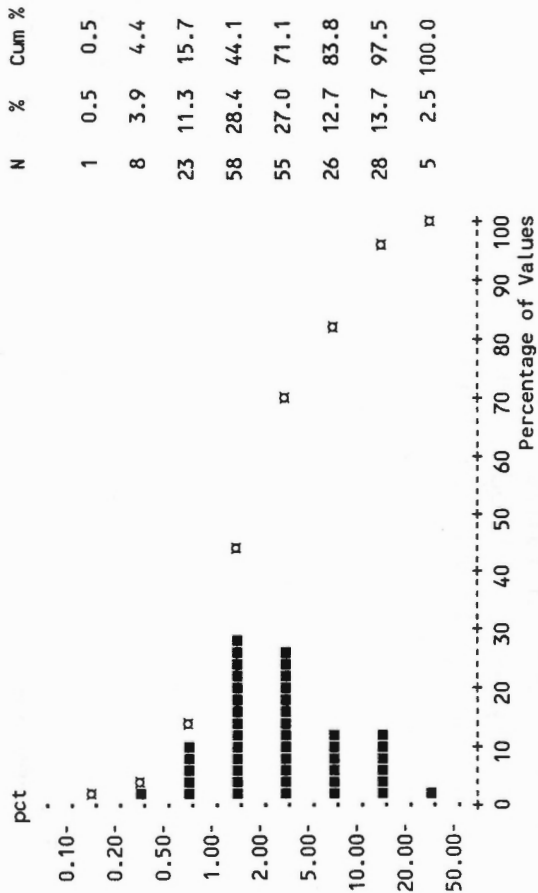
Percentiles								
Minimum Value	0.12	0.12	0.47	0.39	0.13	0.21	0.39	0.87
5th Percentile	0.25	0.16	0.47	0.39	0.13	0.21	0.39	0.87
10th Percentile	0.34	0.25	0.49	1.08	0.14	0.38	0.39	0.87
15th Percentile	0.49	0.32	0.62	1.13	0.32	0.38	0.67	1.10
25th Percentile	0.74	0.59	1.03	1.42	0.41	0.45	0.78	1.13
35th Percentile	1.08	0.85	1.33	1.71	0.74	0.51	0.94	1.37
50th Percentile	1.71	1.34	1.95	2.43	1.85	0.78	2.01	1.47
65th Percentile	2.70	2.70	2.50	4.38	3.59	1.22	2.50	2.18
70th Percentile	3.46	3.46	3.22	5.06	3.90	1.31	2.50	3.09
75th Percentile	4.25	4.25	4.53	5.59	3.97	1.31	2.73	3.09

80th Percentile	5.43	6.03	4.77	7.18	4.79	1.32	3.98	5.65
90th Percentile	7.93	7.69	6.26	9.13	5.43	4.02	6.60	7.99
95th Percentile	10.39	11.91	7.93	10.23	7.65	4.02	6.60	7.99
98th Percentile	16.25	16.80	9.16	20.42	14.97	4.33	7.00	10.39
99th Percentile	18.39	18.39	9.16	20.42	14.97	4.33	7.00	10.39
Maximum Value	23.56	23.56	9.16	20.42	14.97	4.33	7.00	10.39



Variable: Iron (Fe)
 Units: pct
 Detection Limit: .2
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	203	81	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	4.7	5.2	4.0	6.4	3.9	1.82	3.4	5.4
Standard Deviation	5.5	6.5	3.4	6.9	3.9	1.39	2.69	5.5
Skewness	2.36	2.04	1.07	2.31	1.79	1.24	0.92	1.08
Excess Kurtosis	7.3	5.0	-0.111	6.0	3.3	0.0215	-0.60	-0.52
Coef of Var (%)	118	126	86	109	100	77	79	103
Std Error of the Mean	0.39	0.72	0.70	1.44	0.86	0.36	0.78	1.66
Lower 95% Limit on Mean	3.9	3.7	2.57	3.4	2.15	1.05	1.68	1.66
Upper 95% Limit on Mean	5.5	6.6	5.5	9.4	5.7	2.59	5.1	9.1
Geometric Statistics								
Log10 Mean	0.42	0.39	0.46	0.62	0.40	0.165	0.40	0.55
Geometric Mean	2.62	2.44	2.85	4.1	2.52	1.46	2.53	3.5
Log10 Standard Deviation	0.48	0.56	0.38	0.41	0.44	0.282	0.36	0.40
Log10 Std Error of Mean	0.034	0.062	0.077	0.086	0.097	0.073	0.103	0.122
Lower 95% Limit on Mean	2.25	1.84	1.98	2.75	1.59	1.02	1.50	1.88
Upper 95% Limit on Mean	3.05	3.24	4.1	6.2	4.0	2.10	4.3	6.6
Percentiles								
Minimum Value	0.1	0.1	0.6	0.5	0.3	0.7	0.6	1.2
5th Percentile	0.5	0.3	0.6	0.5	0.3	0.7	0.6	1.2
10th Percentile	0.7	0.5	0.7	1.4	0.6	0.8	0.6	1.2
15th Percentile	0.9	0.7	1.2	1.7	0.8	0.8	1.1	1.4
25th Percentile	1.2	1.0	1.4	1.9	1.0	0.8	1.2	1.7
35th Percentile	1.6	1.2	1.8	2.9	1.3	0.8	1.3	1.7
50th Percentile	2.4	1.9	2.7	3.4	2.6	1.3	2.4	2.8
65th Percentile	3.8	4.1	3.3	5.7	4.3	1.7	3.3	3.8
70th Percentile	4.6	5.1	4.4	6.2	4.6	1.8	3.3	4.2
75th Percentile	5.7	7.4	5.5	9.3	5.3	1.8	3.5	4.2
80th Percentile	8.1	10.0	7.4	11.0	5.9	2.0	5.0	9.0
90th Percentile	12.0	14.0	8.7	12.0	6.8	4.7	8.4	14.0
95th Percentile	15.0	16.0	12.0	12.0	10.0	4.7	8.4	14.0
98th Percentile	20.2	20.8	12.0	32.5	17.0	4.9	8.6	17.0
99th Percentile	23.6	23.6	12.0	32.5	17.0	4.9	8.6	17.0
Maximum Value	35.6	35.6	12.0	32.5	17.0	4.9	8.6	17.0



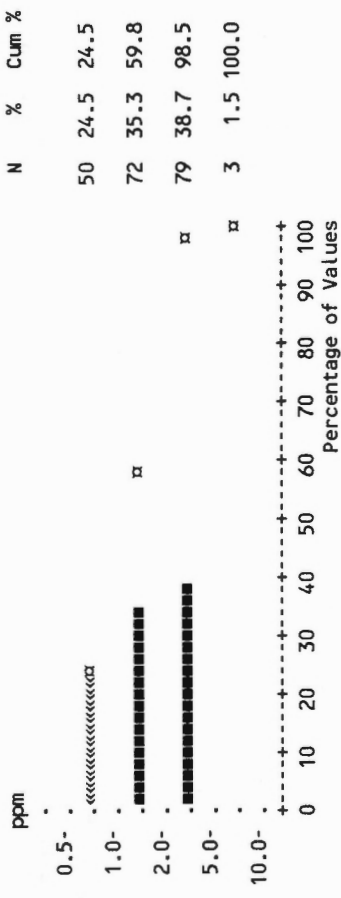
Variable: Hafnium (Hf)
 Units: ppm
 Detection Limit: 1
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGs	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	154	45	23	20	19	14	12	9
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	1.49	1.26	1.73	1.67	1.81	1.23	1.92	1.55
Standard Deviation	1.02	1.09	0.87	1.03	1.02	0.50	1.08	0.91
Skewness	1.43	2.00	0.77	0.90	0.46	0.70	0.93	0.43
Excess Kurtosis	2.28	4.6	-0.148	-0.196	-1.12	-1.11	-0.51	-1.41

Coef of Var (%)	69	86	50	61	56	40	57	59
Std Error of the Mean	0.072	0.120	0.178	0.215	0.222	0.128	0.313	0.273
Lower 95% Limit on Mean	1.34	1.02	1.36	1.23	1.35	0.96	1.23	0.94
Upper 95% Limit on Mean	1.63	1.50	2.10	2.12	2.27	1.51	2.61	2.15

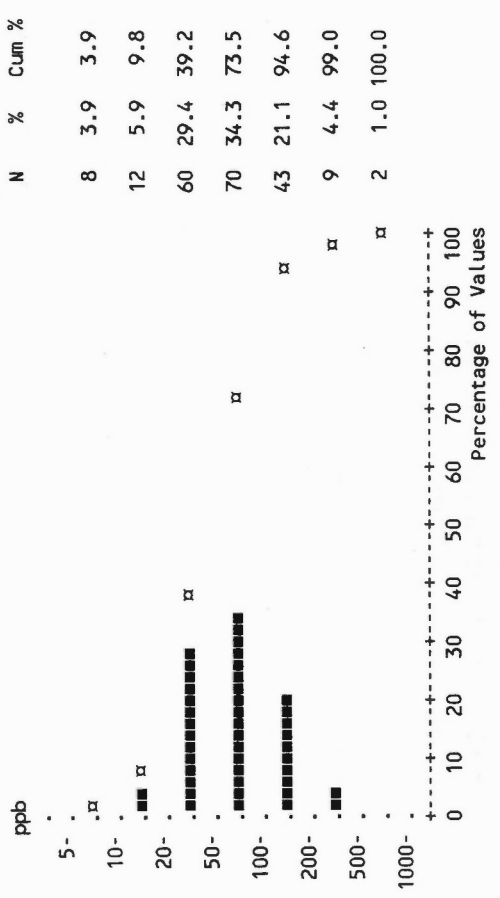
Geometric Statistics								
Log10 Mean	0.079	-0.0175	0.185	0.146	0.185	0.060	0.226	0.114
Geometric Mean	1.20	0.96	1.53	1.40	1.53	1.15	1.68	1.30
Log10 Standard Deviation	0.284	0.306	0.222	0.269	0.266	0.169	0.227	0.277
Log10 Std Error of Mean	0.0199	0.034	0.045	0.056	0.058	0.044	0.066	0.083
Lower 95% Limit on Mean	1.10	0.82	1.23	1.07	1.16	0.93	1.21	0.85
Upper 95% Limit on Mean	1.31	1.12	1.90	1.83	2.02	1.42	2.34	1.99

Percentiles								
Minimum Value	1	1	1	1	1	1	1	1
5th Percentile	1	1	1	1	1	1	1	1
10th Percentile	1	1	1	1	1	1	1	1
15th Percentile	1	1	1	1	1	1	1	1
25th Percentile	1	1	1	1	1	1	1	1
35th Percentile	1	1	1	1	1	1	1	1
50th Percentile	1	1	2	1	2	1	2	1
65th Percentile	2	1	2	2	2	1	2	2
70th Percentile	2	1	2	2	2	1	2	2
75th Percentile	2	2	2	2	3	1	2	2
80th Percentile	2	2	2	2	3	2	2	2
90th Percentile	3	2	3	3	3	2	4	3
95th Percentile	4	3	3	4	3	2	4	3
98th Percentile	4	4	4	4	4	2	4	3
99th Percentile	5	5	4	4	4	2	4	3
Maximum Value	6	6	4	4	4	2	4	3



Variable: Mercury (Hg)
 Units: ppb
 Detection Limit: 5
 Analytical Method: CV_AAS
 Number of Values: 204

	Total	CDRC	DTrs	PCH	PTrNK	DMGS	PGGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	85	50	115	143	123	91	77	106
Standard Deviation	84	48	72	143	109	65	44	45
Skewness	3.5	3.8	1.05	2.83	2.12	1.88	1.38	0.43
Excess Kurtosis	18.8	20.1	0.39	8.5	4.7	3.27	1.66	-1.18
Coef of Var (%)	98	97	62	100	89	72	57	43
Std Error of the Mean	5.9	5.3	14.6	29.9	23.8	16.8	12.6	13.6
Lower 95% Limit on Mean	74	39	85	81	73	55	49	75
Upper 95% Limit on Mean	97	60	146	205	173	127	105	136
Geometric Statistics								
Log10 Mean	1.79	1.57	1.98	2.04	1.97	1.88	1.83	1.99
Geometric Mean	61	37	96	110	93	77	67	97
Log10 Standard Deviation	0.36	0.34	0.277	0.296	0.324	0.251	0.246	0.191
Log10 Std Error of Mean	0.0251	0.037	0.057	0.062	0.071	0.065	0.071	0.057
Lower 95% Limit on Mean	55	31.0	73	82	66	56	47	72
Upper 95% Limit on Mean	69	44	126	147	131	106	96	130
Percentiles								
Minimum Value	6	6	23	45	20	34	18	48
5th Percentile	14	8	23	45	20	34	18	48
10th Percentile	19	12	37	48	41	40	18	48
15th Percentile	31	16	49	49	42	40	44	56
25th Percentile	41	24	57	63	51	45	49	69
35th Percentile	47	33	82	67	61	49	63	75
50th Percentile	62	41	96	100	88	76	64	104
65th Percentile	82	47	114	116	120	92	77	115
70th Percentile	88	50	121	155	156	92	77	122
75th Percentile	104	54	132	155	158	92	82	122
80th Percentile	114	58	153	187	158	104	87	133
90th Percentile	171	82	206	247	190	142	112	167
95th Percentile	206	132	274	311	288	142	112	167
98th Percentile	311	152	301	720	508	293	194	189
99th Percentile	362	172	301	720	508	293	194	189
Maximum Value	720	362	301	720	508	293	194	189



Variable: Lanthanum (La)

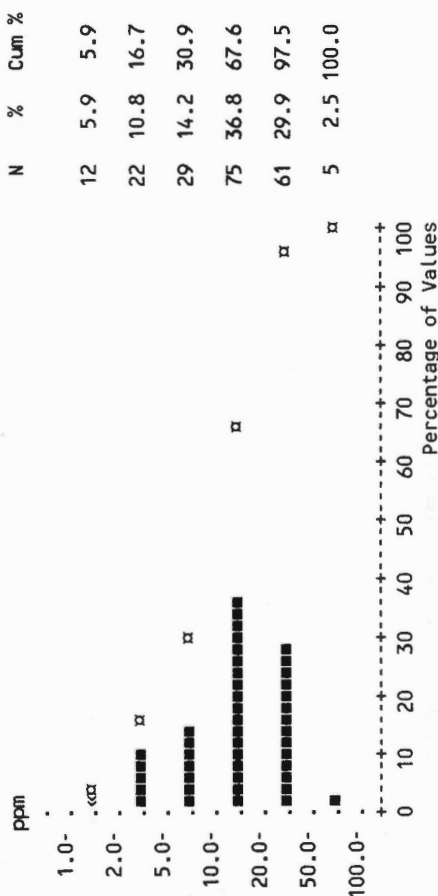
Units: ppm

Detection Limit: 2

Analytical Method: INAA

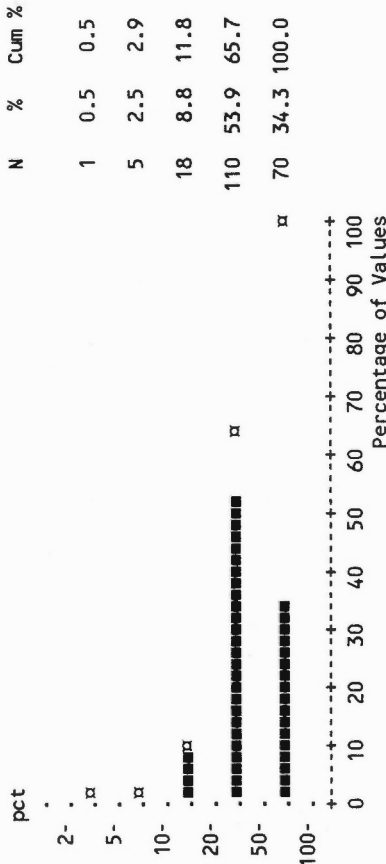
Number of Values: 204

	Total	CDRC	DTrs	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	192	71	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	16.8	11.2	18.8	21.7	21.0	23.3	24.5	17.9
Standard Deviation	12.7	10.8	8.5	14.5	12.5	17.7	11.7	7.7
Skewness	1.34	1.59	0.305	1.36	0.84	1.55	1.18	0.221
Excess Kurtosis	2.44	2.56	-0.71	1.27	-0.228	1.83	0.305	-1.24
Coef of Var (%)	75	96	45	67	60	76	48	43
Std Error of the Mean	0.89	1.19	1.73	3.02	2.73	4.6	3.4	2.33
Lower 95% Limit on Mean	15.1	8.9	15.2	15.5	15.3	13.5	17.1	12.7
Upper 95% Limit on Mean	18.6	13.6	22.4	28.0	26.6	33	31.9	23.1
Geometric Statistics								
Log10 Mean	1.07	0.84	1.22	1.26	1.24	1.27	1.35	1.21
Geometric Mean	11.8	6.9	16.5	18.0	17.4	18.7	22.5	16.3
Log10 Standard Deviation	0.42	0.47	0.260	0.274	0.290	0.293	0.181	0.205
Log10 Std Error of Mean	0.0295	0.052	0.053	0.057	0.063	0.076	0.052	0.062
Lower 95% Limit on Mean	10.3	5.4	12.8	13.7	12.8	12.9	17.2	11.9
Upper 95% Limit on Mean	13.5	8.7	21.2	23.6	23.6	27.1	29.3	22.4
Percentiles								
Minimum Value	1	1	2	5	4	6	13	7
5th Percentile	1	1	2	5	4	6	13	7
10th Percentile	3	1	8	6	4	7	13	7
15th Percentile	4	2	10	10	9	7	15	9
25th Percentile	7	3	14	11	12	12	16	11
35th Percentile	11	5	14	13	15	12	18	13
50th Percentile	15	8	17	17	17	19	18	19
65th Percentile	19	13	20	23	21	20	24	20
70th Percentile	20	14	20	24	21	20	24	21
75th Percentile	22	15	21	28	28	20	26	21
80th Percentile	24	18	27	28	28	30	33	24
90th Percentile	32	24	32	35	39	43	38	26
95th Percentile	42	31	32	59	47	43	38	26
98th Percentile	51	44	35	60	49	74	53	32
99th Percentile	59	46	35	60	49	74	53	32
Maximum Value	74	51	35	60	49	74	53	32



Variable: Loss-On-Ignition (LOI)
 Units: pct
 Detection Limit: 1.0
 Analytical Method: GRAV
 Number of Values: 204

	Total	CDRC	DTRS	PCH	PTRnk	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	42	40	43	45	41	44	42	43
Standard Deviation	16.9	16.8	17.3	17.6	17.9	13.9	19.1	12.6
Skewness	-0.052	-0.086	0.179	-0.292	0.38	0.233	-0.242	-0.102
Excess Kurtosis	-0.54	-0.92	-1.24	-0.37	0.43	-1.03	-0.95	-1.21
Coef of Var (%)	41	42	41	39	43	31.5	46	29.1
Std Error of the Mean	1.18	1.86	3.5	3.7	3.9	3.6	5.5	3.8
Lower 95% Limit on Mean	39	37	35	38	33	36	29.6	35
Upper 95% Limit on Mean	44	44	50	53	49	52	54	52
Geometric Statistics								
Log10 Mean	1.57	1.56	1.59	1.60	1.57	1.62	1.55	1.62
Geometric Mean	37	36	39	40	37	42	36	41
Log10 Standard Deviation	0.227	0.227	0.192	0.255	0.228	0.143	0.286	0.138
Log10 Std Error of Mean	0.0159	0.0251	0.039	0.053	0.050	0.037	0.083	0.042
Lower 95% Limit on Mean	35	32.2	32.4	31.2	29.1	35	23.6	33
Upper 95% Limit on Mean	40	40	47	52	47	50	54	51
Percentiles								
Minimum Value	5	7	17	5	10	22	8	23
5th Percentile	13	13	17	5	10	22	8	23
10th Percentile	18	16	19	18	14	26	8	23
15th Percentile	22	19	21	21	20	26	12	25
25th Percentile	29	28	27	33	29	34	35	37
35th Percentile	35	33	32	37	34	34	36	38
50th Percentile	43	42	41	50	43	46	37	43
65th Percentile	50	50	49	52	49	46	47	43
70th Percentile	51	50	51	56	49	50	47	51
75th Percentile	55	55	55	57	50	50	47	51
80th Percentile	57	56	60	57	53	52	60	52
90th Percentile	63	60	69	65	57	65	67	58
95th Percentile	69	67	71	65	58	65	67	58
98th Percentile	73	69	74	81	89	70	71	63
99th Percentile	76	73	74	81	89	70	71	63
Maximum Value	89	76	74	81	89	70	71	63



Variable: Lutetium (Lu)

Units: ppm

Detection Limit: .2

Analytical Method: INAA

Number of Values: 204

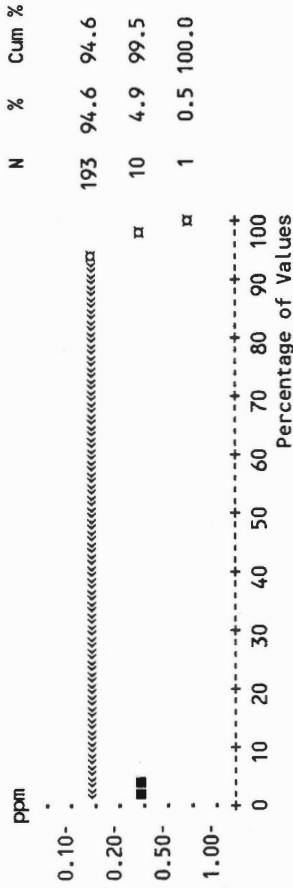
	Total	CDRC	DTrS	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	11	1	3	2	3	0	0	1
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.111	0.101	0.117	0.135	0.129	0.100	0.100	0.118
Standard Deviation	0.054	0.0110	0.048	0.119	0.072	0.0000	0.0000	0.060
Skewness	5.8	0.0000	2.69	3.05	1.90	0.0000	0.0000	2.47
Excess Kurtosis	40	0.0000	6.5	8.2	1.69	0.0000	0.0000	4.5
Coef of Var (%)	48	10.9	41	88	56	0.0000	0.0000	51
Std Error of the Mean	0.0038	0.0012	0.0098	0.0248	0.0157	0.0000	0.0000	0.0182
Lower 95% Limit on Mean	0.104	0.099	0.096	0.083	0.096	0.100	0.100	0.078
Upper 95% Limit on Mean	0.119	0.104	0.137	0.186	0.161	0.100	0.100	0.159

Geometric Statistics

Log10 Mean	-0.97	-1.00	-0.96	-0.94	-0.93	-1.00	-1.00	-0.96
Geometric Mean	0.106	0.101	0.111	0.115	0.117	0.100	0.100	0.111
Log10 Standard Deviation	0.110	0.033	0.125	0.201	0.171	0.0000	0.0000	0.144
Log10 Std Error of Mean	0.0077	0.0037	0.0256	0.042	0.037	0.0000	0.0000	0.043
Lower 95% Limit on Mean	0.102	0.099	0.098	0.094	0.098	0.100	0.100	0.088
Upper 95% Limit on Mean	0.110	0.103	0.125	0.140	0.140	0.100	0.100	0.138

Percentiles

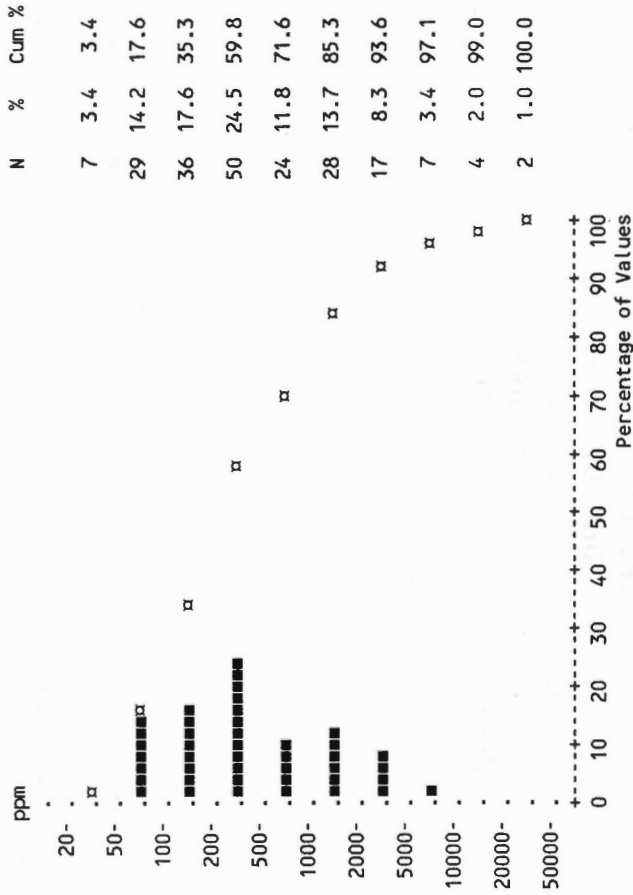
Minimum Value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
35th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
50th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
65th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
90th Percentile	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.1
95th Percentile	0.2	0.1	0.2	0.4	0.3	0.1	0.1	0.1
98th Percentile	0.3	0.1	0.3	0.6	0.3	0.1	0.1	0.3
99th Percentile	0.3	0.1	0.3	0.6	0.3	0.1	0.1	0.3
Maximum Value	0.6	0.2	0.3	0.6	0.3	0.1	0.1	0.3



Variable: Manganese (Mn)

Units: ppm
 Detection Limit: 5
 Analytical Method: AAS
 Number of Values: 204

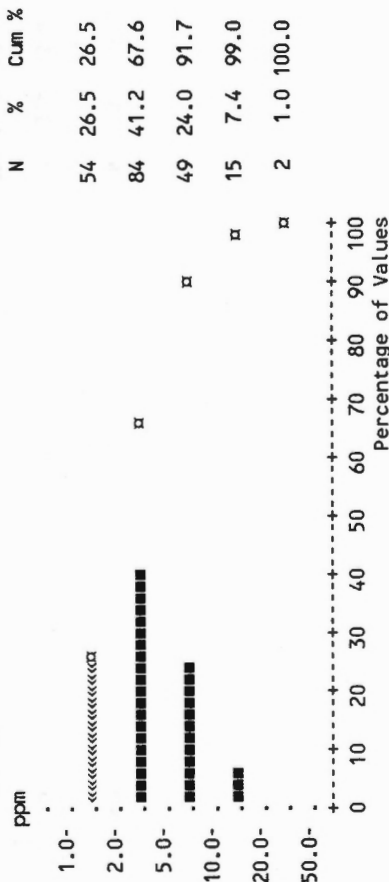
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	1523	2390	1039	1847	571	225	437	858
Standard Deviation	4163	5936	1778	4293	584	372	377	887
Skewness	6.3	4.6	3.5	3.3	0.96	2.39	1.64	1.06
Excess Kurtosis	49	24.2	12.4	10.7	-0.63	4.7	2.03	-0.138
Coef of Var (%)	273	248	171	233	102	165	86	103
Std Error of the Mean	291	656	363	895	127	96	109	267
Lower 95% Limit on Mean	949	1085	288	-10.1	306	19.1	197	262
Upper 95% Limit on Mean	2098	3694	1790	3703	837	431	676	1453
Geometric Statistics								
Log10 Mean	2.62	2.67	2.69	2.73	2.50	2.07	2.52	2.72
Geometric Mean	414	469	491	541	319	118	331	524
Log10 Standard Deviation	0.64	0.77	0.52	0.61	0.51	0.43	0.34	0.46
Log10 Std Error of Mean	0.045	0.085	0.106	0.127	0.112	0.110	0.097	0.138
Lower 95% Limit on Mean	337	318	296	295	186	69	202	259
Upper 95% Limit on Mean	508	693	815	992	547	204	541	1062
Percentiles								
Minimum Value	28	28	69	87	41	38	82	143
5th Percentile	53	46	69	87	41	38	82	143
10th Percentile	73	62	94	113	45	50	82	143
15th Percentile	89	73	131	126	89	50	154	199
25th Percentile	130	111	208	171	104	67	158	200
35th Percentile	199	162	222	224	138	74	213	220
50th Percentile	326	286	443	388	275	85	326	435
65th Percentile	644	756	653	734	569	101	372	700
70th Percentile	855	1154	1265	769	605	107	372	1075
75th Percentile	1142	1690	1332	855	885	107	422	1075
80th Percentile	1567	2988	1553	1063	939	201	644	1597
90th Percentile	3475	5205	1683	4036	1607	688	693	1702
95th Percentile	5881	12758	2131	7823	1688	688	693	1702
98th Percentile	14320	15120	8832	19879	1765	1437	1478	2909
99th Percentile	19879	25820	8832	19879	1765	1437	1478	2909
Maximum Value	41785	41785	8832	19879	1765	1437	1478	2909



Variable: Molybdenum (Mo)

Units: ppm
 Detection Limit: 2
 Analytical Method: AAS
 Number of Values: 204

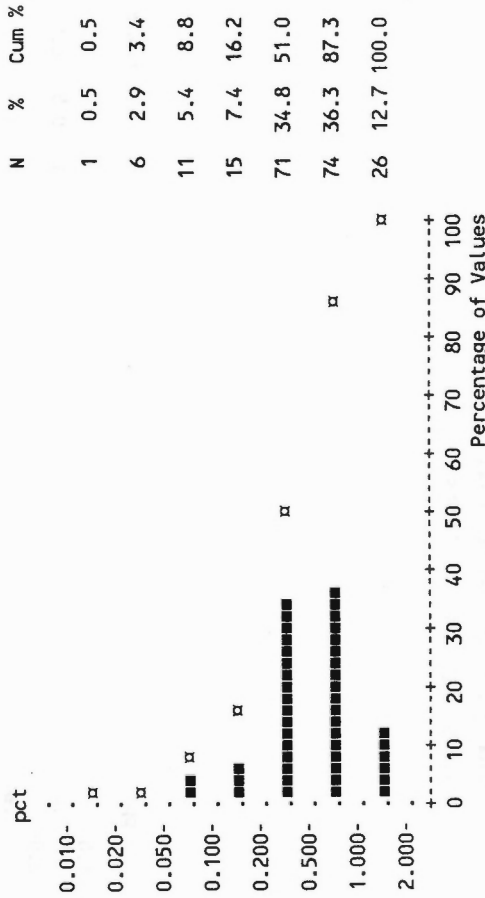
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	150	65	16	15	13	12	8	8
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	4.1	4.6	4.1	3.7	2.71	3.13	3.00	3.8
Standard Deviation	4.1	3.5	5.8	6.2	1.82	2.07	1.91	4.0
Skewness	3.16	1.26	3.27	3.8	0.55	1.10	0.216	1.20
Excess Kurtosis	15.1	1.55	11.1	13.7	-1.31	0.163	-1.76	-0.301
Coef of Var (%)	100	77	142	169	67	66	64	104
Std Error of the Mean	0.285	0.39	1.19	1.29	0.40	0.53	0.55	1.20
Lower 95% Limit on Mean	3.5	3.8	1.63	0.98	1.89	1.99	1.79	1.15
Upper 95% Limit on Mean	4.6	5.4	6.5	6.3	3.5	4.3	4.2	6.5
Geometric Statistics								
Log10 Mean	0.46	0.53	0.40	0.35	0.33	0.41	0.38	0.41
Geometric Mean	2.86	3.4	2.53	2.24	2.16	2.60	2.40	2.57
Log10 Standard Deviation	0.36	0.35	0.39	0.36	0.306	0.278	0.318	0.39
Log10 Std Error of Mean	0.0251	0.039	0.080	0.076	0.067	0.072	0.092	0.116
Lower 95% Limit on Mean	2.55	2.85	1.73	1.56	1.57	1.82	1.51	1.41
Upper 95% Limit on Mean	3.21	4.1	3.7	3.21	2.97	3.7	3.8	4.7
Percentiles								
Minimum Value	1	1	1	1	1	1	1	1
5th Percentile	1	1	1	1	1	1	1	1
10th Percentile	1	1	1	1	1	1	1	1
15th Percentile	1	1	1	1	1	1	1	1
25th Percentile	1	2	1	1	1	2	1	1
35th Percentile	2	2	1	1	1	2	1	2
50th Percentile	3	4	2	2	2	3	2	2
65th Percentile	4	5	3	3	3	3	4	2
70th Percentile	5	5	4	3	4	3	4	3
75th Percentile	5	6	4	3	4	3	5	3
80th Percentile	6	8	4	3	5	3	5	5
90th Percentile	11	10	7	6	5	7	5	11
95th Percentile	14	13	29	31	6	8	6	12
98th Percentile	18	14	29	31	6	8	6	12
99th Percentile	31	18	29	31	6	8	6	12
Maximum Value								



Variable: Sodium (Na)

Units: pct
 Detection Limit: .02
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	203	81	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.55	0.44	0.62	0.50	0.85	0.81	0.61	0.47
Standard Deviation	0.37	0.39	0.287	0.279	0.40	0.39	0.222	0.220
Skewness	0.83	1.12	0.91	0.58	0.186	1.20	0.264	0.36
Excess Kurtosis	0.53	0.58	1.39	-1.08	-0.93	1.69	-1.33	-0.76
Coef of Var (%)	67	87	46	56	47	48	36	47
Std Error of the Mean	0.0259	0.043	0.058	0.058	0.086	0.100	0.064	0.066
Lower 95% Limit on Mean	0.50	0.36	0.50	0.38	0.67	0.59	0.47	0.318
Upper 95% Limit on Mean	0.60	0.53	0.74	0.62	1.03	1.02	0.75	0.61
Geometric Statistics								
Log10 Mean	-0.39	-0.56	-0.255	-0.37	-0.125	-0.139	-0.239	-0.38
Geometric Mean	0.41	0.278	0.56	0.43	0.75	0.73	0.58	0.41
Log10 Standard Deviation	0.39	0.47	0.214	0.248	0.236	0.210	0.162	0.235
Log10 Std Error of Mean	0.0275	0.052	0.044	0.052	0.051	0.054	0.047	0.071
Lower 95% Limit on Mean	0.36	0.219	0.45	0.34	0.59	0.56	0.45	0.288
Upper 95% Limit on Mean	0.46	0.35	0.69	0.55	0.96	0.95	0.75	0.60
Percentiles								
Minimum Value	0.01	0.01	0.16	0.18	0.24	0.26	0.33	0.14
5th Percentile	0.06	0.04	0.16	0.18	0.24	0.26	0.33	0.14
10th Percentile	0.11	0.06	0.28	0.19	0.33	0.32	0.33	0.14
15th Percentile	0.18	0.08	0.33	0.21	0.36	0.32	0.36	0.20
25th Percentile	0.27	0.12	0.35	0.27	0.41	0.64	0.38	0.34
35th Percentile	0.34	0.22	0.47	0.33	0.68	0.65	0.42	0.35
50th Percentile	0.48	0.30	0.59	0.40	0.87	0.71	0.62	0.48
65th Percentile	0.68	0.47	0.73	0.54	1.00	0.87	0.69	0.52
70th Percentile	0.74	0.55	0.75	0.59	1.10	0.93	0.69	0.54
75th Percentile	0.78	0.68	0.77	0.74	1.10	0.93	0.71	0.54
80th Percentile	0.87	0.76	0.78	0.78	1.10	0.95	0.77	0.60
90th Percentile	1.00	1.00	0.88	0.92	1.20	1.10	0.93	0.68
95th Percentile	1.20	1.30	0.90	0.92	1.60	1.10	1.00	0.68
98th Percentile	1.50	1.40	1.50	1.10	1.60	1.90	1.00	0.91
99th Percentile	1.60	1.40	1.50	1.10	1.60	1.90	1.00	0.91
Maximum Value	1.90	1.70	1.50	1.10	1.60	1.90	1.00	0.91



Variable: Nickel (Ni)

Units: ppm

Detection Limit: 2

Analytical Method: AAS

Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGs	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	203	81	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	26.2	17.4	44	29.8	29.7	36	31.3	22.7
Standard Deviation	30.4	11.6	77	11.8	23.9	20.4	12.6	8.1
Skewness	9.4	0.97	4.2	0.81	2.82	1.79	1.09	-0.249
Excess Kurtosis	110	1.34	16.5	-0.164	8.6	3.08	1.20	-0.96

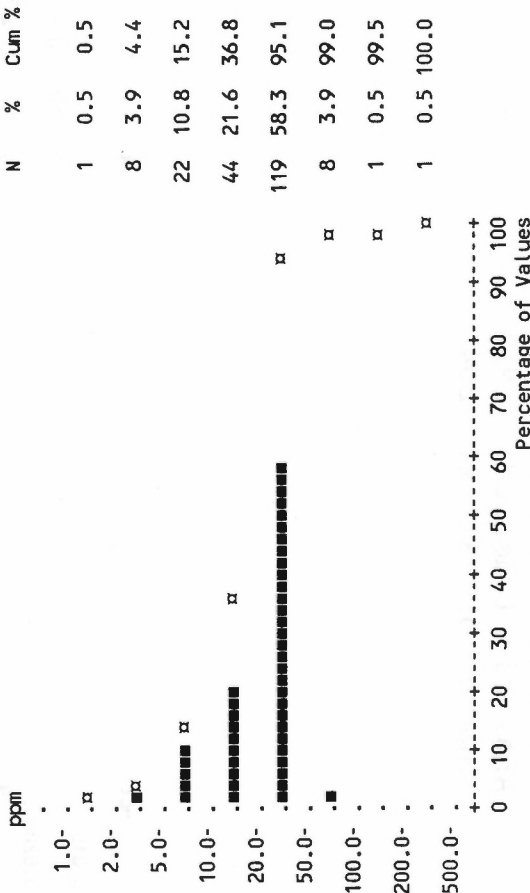
Coef of Var (%)	116	67	175	39	81	56	40	36
Std Error of the Mean	2.13	1.28	15.6	2.45	5.2	5.3	3.6	2.45
Lower 95% Limit on Mean	22.0	14.9	11.5	24.7	18.8	25.1	23.3	17.3
Upper 95% Limit on Mean	30.4	19.9	76	35	41	48	39	28.2

Geometric Statistics

Log10 Mean	1.30	1.13	1.47	1.44	1.39	1.51	1.47	1.32
Geometric Mean	20.1	13.4	29.2	27.8	24.5	32.6	29.2	21.1
Log10 Standard Deviation	0.324	0.35	0.309	0.167	0.263	0.202	0.171	0.195
Log10 Std Error of Mean	0.0227	0.038	0.063	0.035	0.057	0.052	0.049	0.059
Lower 95% Limit on Mean	18.1	11.2	21.6	23.5	18.6	25.2	22.8	15.6
Upper 95% Limit on Mean	22.2	16.0	40	32.8	32.2	42	38	28.4

Percentiles

Minimum Value	1	1	7	13	7	15	13	7
5th Percentile	5	3	7	13	7	15	13	7
10th Percentile	6	4	11	15	12	21	13	7
15th Percentile	9	5	19	18	12	21	21	16
25th Percentile	14	7	22	21	14	22	22	16
35th Percentile	19	11	24	24	18	23	22	19
50th Percentile	24	16	29	27	26	31	31	24
65th Percentile	28	20	32	33	28	38	33	24
70th Percentile	30	22	32	35	33	40	33	24
75th Percentile	32	25	32	36	34	40	34	24
80th Percentile	33	27	36	36	35	44	36	31
90th Percentile	39	30	40	49	36	52	37	33
95th Percentile	49	37	59	53	48	52	37	33
98th Percentile	62	41	400	58	124	99	64	34
99th Percentile	99	47	400	58	124	99	64	34
Maximum Value	400	62	400	58	124	99	64	34



Variable: Lead (Pb)
 Units: ppm
 Detection Limit: 2
 Analytical Method: AAS
 Number of Values: 204

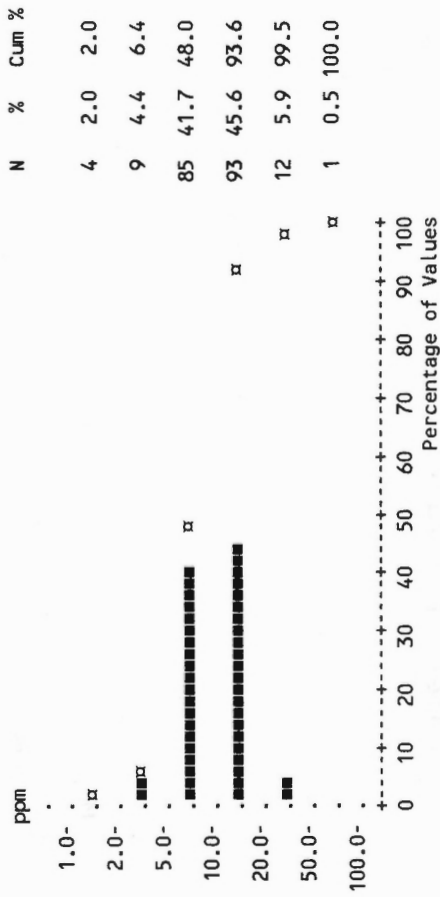
	Total	CDRC	DTrs	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	200	82	24	23	19	13	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	10.9	9.7	11.0	13.8	11.2	10.7	13.3	10.3
Standard Deviation	6.5	4.4	4.0	12.4	7.3	8.6	6.2	2.15
Skewness	3.10	2.01	0.83	2.46	0.68	1.21	0.83	0.284
Excess Kurtosis	16.2	5.9	-0.082	5.3	-0.033	1.06	0.119	-1.45
Coef of Var (%)	59	45	36	90	65	80	47	20.9
Std Error of the Mean	0.45	0.48	0.81	2.59	1.59	2.21	1.78	0.65
Lower 95% Limit on Mean	10.0	8.7	9.3	8.4	7.9	5.9	9.3	8.8
Upper 95% Limit on Mean	11.8	10.7	12.6	19.2	14.5	15.4	17.2	11.7

Geometric Statistics

Log10 Mean	0.98	0.95	1.01	1.04	0.92	0.87	1.08	1.00
Geometric Mean	9.5	8.9	10.3	11.1	8.4	7.5	12.0	10.1
Log10 Standard Deviation	0.243	0.180	0.151	0.260	0.40	0.43	0.200	0.090
Log10 Std Error of Mean	0.0170	0.0199	0.0309	0.054	0.087	0.111	0.058	0.0272
Lower 95% Limit on Mean	8.8	8.1	8.9	8.5	5.5	4.3	9.0	8.8
Upper 95% Limit on Mean	10.2	9.8	12.0	14.4	12.7	12.9	16.1	11.6

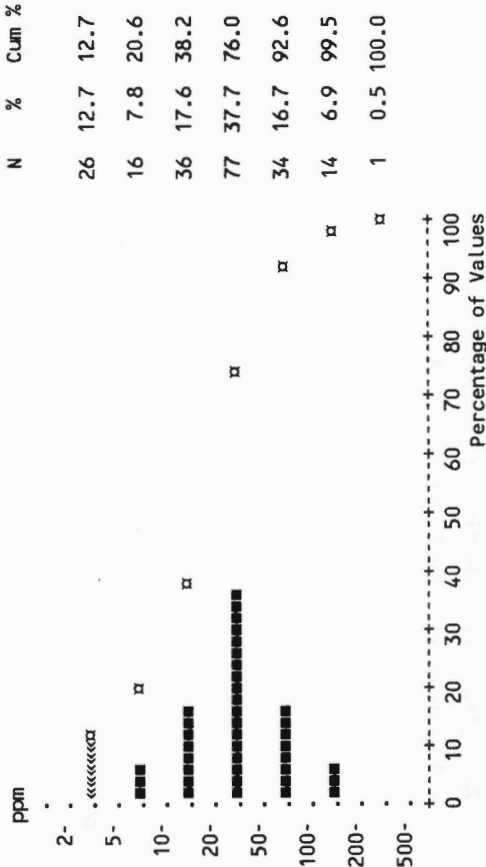
Percentiles

Minimum Value	1	3	5	5	1	1	6	8
5th Percentile	4	4	5	5	1	1	6	8
10th Percentile	5	5	6	5	1	1	6	8
15th Percentile	6	7	8	6	3	1	7	8
25th Percentile	8	8	8	8	5	5	7	8
35th Percentile	8	8	9	9	8	6	8	8
50th Percentile	10	9	10	10	11	9	13	10
65th Percentile	11	10	11	12	13	10	15	11
70th Percentile	12	10	12	12	14	14	15	11
75th Percentile	13	11	13	13	15	14	15	11
80th Percentile	13	11	13	13	16	16	17	12
90th Percentile	16	13	16	23	17	19	18	13
95th Percentile	21	17	20	43	27	19	18	13
98th Percentile	28	23	20	58	28	34	28	14
99th Percentile	34	27	20	58	28	34	28	14
Maximum Value	58	28	20	58	28	34	28	14



Variable: Rubidium (Rb)
 Units: ppm
 Detection Limit: 5
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrs	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	178	61	23	22	20	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	37	22.3	45	51	50	41	60	40
Standard Deviation	36	27.9	32.2	52	41	21.9	47	18.9
Skewness	1.77	2.35	0.96	1.53	1.15	0.78	1.08	0.252
Excess Kurtosis	3.24	5.5	-0.308	1.49	0.080	-0.41	-0.39	-1.53
Coef of Var (%)	98	125	72	101	82	54	77	48
Std Error of the Mean	2.54	3.08	6.6	10.8	9.0	5.7	13.5	5.7
Lower 95% Limit on Mean	31.9	16.2	31.1	28.6	31.4	28.5	30.6	27.1
Upper 95% Limit on Mean	42	28.4	58	73	69	53	90	53
Geometric Statistics								
Log10 Mean	1.35	1.07	1.53	1.51	1.55	1.55	1.68	1.55
Geometric Mean	22.2	11.9	34	32.1	36	36	48	35
Log10 Standard Deviation	0.49	0.50	0.37	0.45	0.41	0.237	0.298	0.228
Log10 Std Error of Mean	0.034	0.056	0.075	0.094	0.089	0.061	0.086	0.069
Lower 95% Limit on Mean	19.1	9.2	23.7	20.5	23.2	26.3	30.8	24.9
Upper 95% Limit on Mean	26.0	15.3	48	50	54	48	74	50
Percentiles								
Minimum Value	3	3	3	3	3	3	13	13
5th Percentile	3	3	3	3	3	3	13	13
10th Percentile	3	3	13	8	9	19	18	13
15th Percentile	7	3	17	10	18	19	23	20
25th Percentile	13	3	20	18	21	20	29	27
35th Percentile	18	7	24	22	25	28	34	27
50th Percentile	24	13	33	33	36	35	38	36
65th Percentile	36	20	46	42	40	46	41	37
70th Percentile	40	22	52	43	60	50	41	57
75th Percentile	45	28	57	51	66	50	72	57
80th Percentile	57	32	60	88	73	50	89	58
90th Percentile	89	52	110	100	130	81	140	61
95th Percentile	120	81	110	170	140	81	140	61
98th Percentile	140	120	110	200	140	88	160	71
99th Percentile	160	130	110	200	140	88	160	71
Maximum Value	200	130	110	200	140	88	160	71



Variable: Antimony (Sb)

Units: ppm
 Detection Limit: .1
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrs	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	202	80	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	1.09	0.67	1.38	1.56	1.65	1.04	0.85	1.49
Standard Deviation	0.97	0.41	0.88	0.92	1.68	0.86	0.51	0.64
Skewness	2.71	1.49	1.14	0.85	1.63	1.24	1.16	0.89
Excess Kurtosis	10.1	2.09	0.57	-0.42	1.88	-0.0168	0.297	-0.88

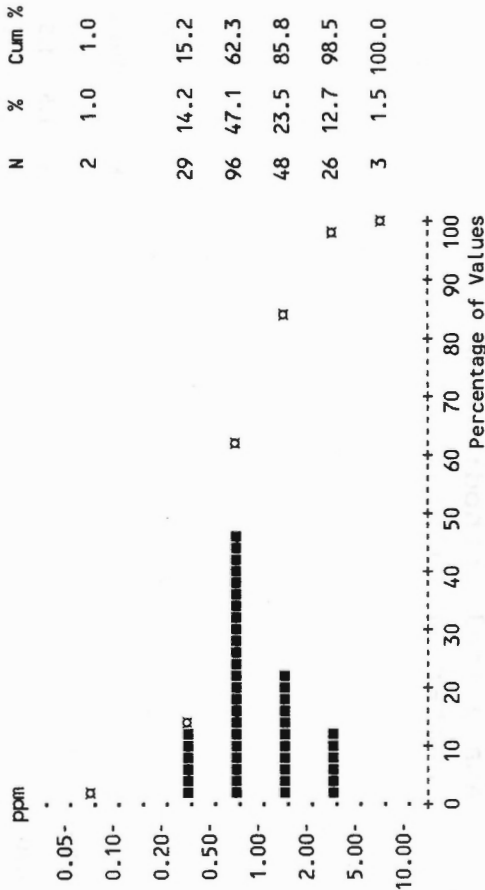
Coef of Var (%)	89	61	64	59	102	83	60	43
Std Error of the Mean	0.068	0.045	0.180	0.191	0.37	0.223	0.148	0.193
Lower 95% Limit on Mean	0.96	0.58	1.00	1.16	0.88	0.56	0.52	1.06
Upper 95% Limit on Mean	1.22	0.76	1.75	1.95	2.41	1.52	1.18	1.92

Geometric Statistics

Log10 Mean	-0.087	-0.250	0.058	0.122	0.0253	-0.093	-0.133	0.142
Geometric Mean	0.82	0.56	1.14	1.33	1.06	0.81	0.74	1.39
Log10 Standard Deviation	0.329	0.280	0.270	0.253	0.43	0.301	0.238	0.167
Log10 Std Error of Mean	0.0231	0.0309	0.055	0.053	0.093	0.078	0.069	0.050
Lower 95% Limit on Mean	0.74	0.49	0.88	1.03	0.68	0.55	0.52	1.07
Upper 95% Limit on Mean	0.91	0.65	1.49	1.71	1.66	1.19	1.04	1.80

Percentiles

Minimum Value	0.1	0.1	0.4	0.5	0.2	0.3	0.3	0.9
5th Percentile	0.3	0.2	0.4	0.5	0.2	0.3	0.3	0.9
10th Percentile	0.3	0.3	0.5	0.6	0.2	0.5	0.3	0.9
15th Percentile	0.4	0.3	0.5	0.6	0.4	0.5	0.4	1.0
25th Percentile	0.5	0.4	0.7	0.8	0.5	0.5	0.5	1.0
35th Percentile	0.6	0.5	0.7	1.0	0.5	0.5	0.6	1.1
50th Percentile	0.7	0.6	1.2	1.2	1.5	0.6	0.7	1.3
65th Percentile	1.0	0.7	1.6	1.5	1.8	0.7	0.7	1.3
70th Percentile	1.2	0.7	1.6	1.8	1.9	1.0	0.7	1.4
75th Percentile	1.4	0.8	1.6	2.1	2.1	1.0	0.9	1.4
80th Percentile	1.6	0.9	1.7	2.1	2.2	1.4	1.3	2.2
90th Percentile	2.2	1.2	2.7	2.7	2.9	2.4	1.4	2.3
95th Percentile	2.8	1.7	3.5	3.4	6.0	2.4	1.4	2.3
98th Percentile	3.6	1.7	3.6	3.7	6.2	3.1	2.1	2.8
99th Percentile	6.0	2.0	3.6	3.7	6.2	3.1	2.1	2.8
Maximum Value	6.5	2.0	3.6	3.7	6.2	3.1	2.1	2.8



Variable: Scandium (Sc)

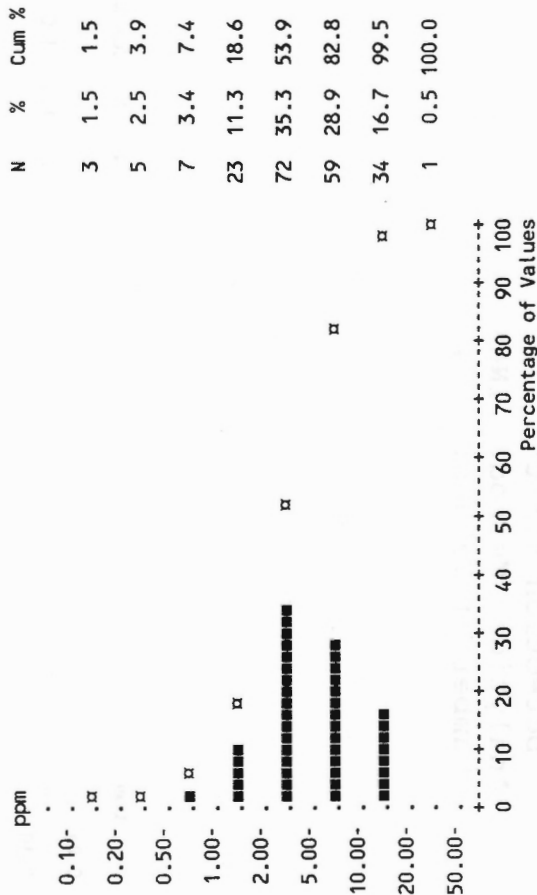
Units: ppm

Detection Limit: .2

Analytical Method: INAA

Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGs	PGCC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	201	79	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	5.8	3.6	7.5	8.9	6.9	5.7	8.1	7.0
Standard Deviation	4.2	3.26	3.9	4.8	4.4	3.8	4.3	2.63
Skewness	0.98	1.56	0.54	0.60	0.58	1.20	1.50	0.059
Excess Kurtosis	0.47	2.17	-0.58	-0.97	-0.93	0.191	1.94	-1.43
Coef of Var (%)	72	89	52	54	64	66	53	38
Std Error of the Mean	0.293	0.36	0.80	1.00	0.96	0.97	1.25	0.79
Lower 95% Limit on Mean	5.2	2.92	5.8	6.8	4.9	3.6	5.4	5.2
Upper 95% Limit on Mean	6.4	4.4	9.1	10.9	8.9	7.8	10.9	8.7
Geometric Statistics								
Log10 Mean	0.61	0.37	0.80	0.88	0.74	0.69	0.86	0.81
Geometric Mean	4.1	2.33	6.3	7.7	5.5	4.8	7.3	6.5
Log10 Standard Deviation	0.42	0.47	0.289	0.244	0.314	0.252	0.204	0.182
Log10 Std Error of Mean	0.0297	0.052	0.059	0.051	0.068	0.065	0.059	0.055
Lower 95% Limit on Mean	3.6	1.84	4.8	6.0	4.0	3.5	5.4	4.9
Upper 95% Limit on Mean	4.7	2.96	8.4	9.8	7.6	6.7	9.9	8.6
Percentiles								
Minimum Value	0.1	0.1	0.7	2.8	1.4	1.9	3.2	2.8
5th Percentile	0.5	0.3	0.7	2.8	1.4	1.9	3.2	2.8
10th Percentile	1.2	0.5	2.7	3.2	1.7	2.6	3.2	2.8
15th Percentile	1.7	0.7	3.9	3.6	1.9	2.6	4.9	4.4
25th Percentile	2.7	1.4	4.7	5.0	2.8	3.2	5.2	4.7
35th Percentile	3.4	1.8	5.0	5.5	3.7	3.3	5.3	4.8
50th Percentile	4.7	2.8	6.0	7.5	6.0	4.6	8.0	7.0
65th Percentile	6.6	3.7	8.5	10.0	7.9	4.7	8.5	7.1
70th Percentile	7.4	4.0	8.6	11.0	8.1	4.7	8.5	7.9
75th Percentile	8.1	4.5	8.9	11.0	9.2	4.7	9.3	7.9
80th Percentile	8.7	5.1	10.0	12.0	11.0	8.4	9.4	10.0
90th Percentile	12.0	8.1	13.0	16.0	14.0	12.0	10.0	10.0
95th Percentile	14.0	11.0	15.0	17.0	14.0	12.0	10.0	10.0
98th Percentile	16.0	14.0	16.0	19.0	16.0	15.0	20.0	11.0
99th Percentile	17.0	14.0	16.0	19.0	16.0	15.0	20.0	11.0
Maximum Value	20.0	14.0	16.0	19.0	16.0	15.0	20.0	11.0



Variable: Samarium (Sm)

Units: ppm
 Detection Limit: .1
 Analytical Method: INAA
 Number of Values: 204

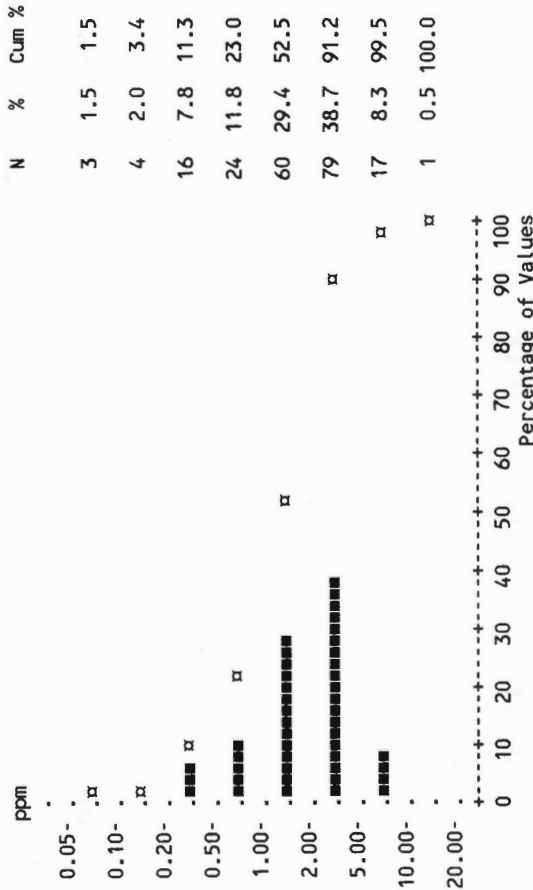
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	201	80	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	2.27	1.39	2.70	3.6	2.70	2.91	3.14	2.51
Standard Deviation	1.81	1.34	1.41	2.53	1.97	1.95	1.52	1.10
Skewness	1.49	1.86	0.70	1.25	1.25	1.15	1.07	0.190
Excess Kurtosis	2.64	3.7	-0.44	0.53	0.62	0.42	0.138	-1.62
Coef of Var (%)	80	96	52	71	73	67	48	44
Std Error of the Mean	0.127	0.148	0.288	0.53	0.43	0.50	0.44	0.33
Lower 95% Limit on Mean	2.02	1.10	2.11	2.46	1.81	1.83	2.17	1.77
Upper 95% Limit on Mean	2.52	1.69	3.3	4.6	3.6	4.0	4.1	3.25

Geometric Statistics

Log10 Mean	0.197	-0.056	0.37	0.46	0.33	0.38	0.46	0.36
Geometric Mean	1.57	0.88	2.34	2.87	2.15	2.42	2.86	2.28
Log10 Standard Deviation	0.43	0.46	0.257	0.288	0.303	0.272	0.191	0.204
Log10 Std Error of Mean	0.0301	0.051	0.052	0.060	0.066	0.070	0.055	0.062
Lower 95% Limit on Mean	1.37	0.70	1.82	2.15	1.57	1.71	2.16	1.66
Upper 95% Limit on Mean	1.80	1.11	3.00	3.8	2.96	3.4	3.8	3.13

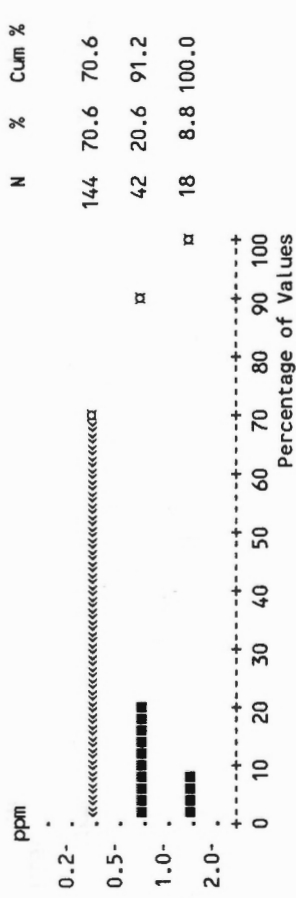
Percentiles

Minimum Value	0.1	0.1	0.4	0.9	0.6	0.9	1.4	1.1
5th Percentile	0.2	0.1	0.4	0.9	0.6	0.9	1.4	1.1
10th Percentile	0.4	0.2	1.1	0.9	0.6	1.1	1.4	1.1
15th Percentile	0.6	0.3	1.3	1.6	1.0	1.1	2.1	1.3
25th Percentile	1.0	0.4	1.6	1.7	1.3	1.4	2.1	1.5
35th Percentile	1.3	0.7	1.9	2.0	1.5	1.5	2.1	1.5
50th Percentile	1.9	1.0	2.3	2.6	2.1	2.7	2.6	2.4
65th Percentile	2.4	1.4	3.0	3.7	2.5	2.7	2.8	2.6
70th Percentile	2.7	1.6	3.0	4.1	2.7	2.8	2.8	3.1
75th Percentile	2.8	1.7	3.1	4.3	3.4	2.8	3.7	3.1
80th Percentile	3.4	2.0	3.2	4.6	4.1	4.0	4.3	3.7
90th Percentile	4.8	2.7	5.0	8.2	5.7	5.7	4.8	3.9
95th Percentile	5.7	4.2	5.5	9.1	6.5	5.7	4.8	3.9
98th Percentile	7.9	5.1	5.8	10.0	8.0	7.9	6.8	4.2
99th Percentile	8.2	5.8	5.8	10.0	8.0	7.9	6.8	4.2
Maximum Value	10.0	6.8	5.8	10.0	8.0	7.9	6.8	4.2



Variable: Tantalum (Ta)
 Units: ppm
 Detection Limit: .5
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DIRS	PCH	PTNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	60	15	10	7	9	3	7	4
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.43	0.36	0.45	0.47	0.53	0.35	0.63	0.40
Standard Deviation	0.319	0.272	0.279	0.37	0.39	0.208	0.50	0.223
Skewness	1.91	2.64	1.03	1.46	0.98	1.62	1.22	0.93
Excess Kurtosis	3.10	6.5	-0.279	0.97	-0.49	1.06	0.202	-0.91
Coef of Var (%)	75	75	62	80	73	60	79	56
Std Error of the Mean	0.0223	0.0300	0.057	0.077	0.084	0.054	0.143	0.067
Lower 95% Limit on Mean	0.38	0.301	0.33	0.305	0.35	0.231	0.314	0.246
Upper 95% Limit on Mean	0.47	0.42	0.57	0.63	0.70	0.46	0.94	0.55
Geometric Statistics								
Log10 Mean	-0.45	-0.51	-0.42	-0.43	-0.37	-0.51	-0.305	-0.46
Geometric Mean	0.35	0.309	0.38	0.37	0.42	0.309	0.50	0.35
Log10 Standard Deviation	0.243	0.207	0.239	0.275	0.287	0.194	0.304	0.213
Log10 Std Error of Mean	0.0170	0.0229	0.049	0.057	0.063	0.050	0.088	0.064
Lower 95% Limit on Mean	0.325	0.279	0.305	0.283	0.313	0.241	0.317	0.252
Upper 95% Limit on Mean	0.38	0.34	0.49	0.49	0.57	0.40	0.77	0.49
Percentiles								
Minimum Value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
15th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
50th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3
65th Percentile	0.3	0.3	0.5	0.3	0.6	0.3	0.6	0.3
70th Percentile	0.3	0.3	0.6	0.3	0.7	0.3	0.6	0.5
75th Percentile	0.6	0.3	0.6	0.7	0.7	0.3	0.7	0.5
80th Percentile	0.7	0.3	0.6	0.7	0.8	0.3	0.7	0.5
90th Percentile	0.9	0.7	1.0	0.9	1.1	0.7	1.4	0.8
95th Percentile	1.1	1.0	1.0	1.3	1.3	0.7	1.4	0.8
98th Percentile	1.4	1.3	1.1	1.5	1.4	0.9	1.8	0.8
99th Percentile	1.5	1.4	1.1	1.5	1.4	0.9	1.8	0.8
Maximum Value	1.8	1.5	1.1	1.5	1.4	0.9	1.8	0.8



Variable: Terbium (Tb)

Units: ppm
 Detection Limit: .5
 Analytical Method: INAA
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTRK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	42	7	8	8	5	5	3	4
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.36	0.284	0.41	0.51	0.38	0.42	0.36	0.39
Standard Deviation	0.237	0.114	0.239	0.42	0.279	0.270	0.221	0.201
Skewness	2.45	3.15	0.89	1.24	2.04	1.02	1.42	0.82
Excess Kurtosis	6.1	8.3	-1.03	-0.045	3.4	-0.65	0.45	-1.01
Coef of Var (%)	66	40	59	83	73	64	61	52
Std Error of the Mean	0.0166	0.0125	0.049	0.088	0.061	0.070	0.064	0.061
Lower 95% Limit on Mean	0.323	0.259	0.307	0.328	0.254	0.271	0.222	0.251
Upper 95% Limit on Mean	0.39	0.309	0.51	0.69	0.51	0.57	0.50	0.52

Geometric Statistics

Log10 Mean	-0.51	-0.57	-0.45	-0.40	-0.49	-0.45	-0.49	-0.46
Geometric Mean	0.312	0.271	0.35	0.40	0.325	0.36	0.321	0.35
Log10 Standard Deviation	0.197	0.116	0.224	0.296	0.222	0.238	0.204	0.203
Log10 Std Error of Mean	0.0138	0.0128	0.046	0.062	0.048	0.061	0.059	0.061
Lower 95% Limit on Mean	0.293	0.255	0.285	0.294	0.258	0.265	0.238	0.254
Upper 95% Limit on Mean	0.33	0.287	0.44	0.53	0.41	0.49	0.43	0.47

Percentiles

Minimum Value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
15th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
35th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
50th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
65th Percentile	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70th Percentile	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.5
75th Percentile	0.3	0.3	0.6	0.6	0.3	0.5	0.3	0.5
80th Percentile	0.5	0.3	0.7	0.8	0.5	0.7	0.5	0.6
90th Percentile	0.7	0.3	0.8	1.3	0.7	0.9	0.7	0.6
95th Percentile	0.8	0.7	0.8	1.4	0.9	0.9	0.7	0.6
98th Percentile	1.1	0.7	0.9	1.5	1.3	1.0	0.9	0.8
99th Percentile	1.3	0.7	0.9	1.5	1.3	1.0	0.9	0.8
Maximum Value	1.5	0.7	0.9	1.5	1.3	1.0	0.9	0.8



Variable: Thorium (Th)

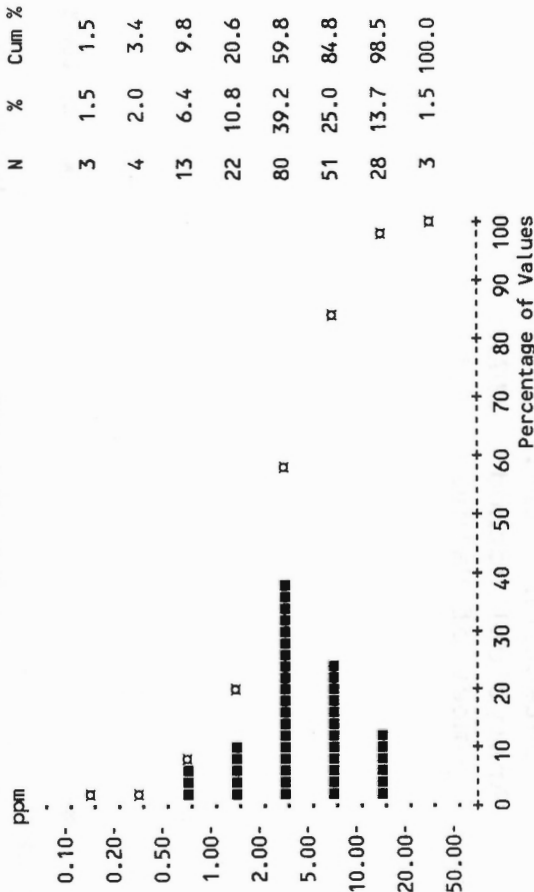
Units: ppm

Detection Limit: .2

Analytical Method: INAA

Number of Values: 204

	Total	CDRC	DTrS	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	201	80	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	5.3	3.4	5.8	7.3	6.4	7.5	7.7	5.0
Standard Deviation	4.3	3.5	3.09	5.4	4.5	5.6	4.4	2.15
Skewness	1.51	1.79	0.73	1.45	1.21	1.51	0.66	0.181
Excess Kurtosis	2.48	2.90	-0.47	1.19	0.38	1.49	-1.19	-1.46
Coef of Var (%)	82	101	53	74	71	74	57	43
Std Error of the Mean	0.303	0.38	0.63	1.13	0.99	1.44	1.26	0.65
Lower 95% Limit on Mean	4.7	2.68	4.5	5.0	4.4	4.4	4.9	3.6
Upper 95% Limit on Mean	5.9	4.2	7.1	9.6	8.5	10.6	10.5	6.5
Geometric Statistics								
Log10 Mean	0.56	0.324	0.70	0.77	0.72	0.79	0.82	0.66
Geometric Mean	3.6	2.11	5.0	5.9	5.2	6.2	6.7	4.6
Log10 Standard Deviation	0.43	0.47	0.263	0.286	0.290	0.274	0.244	0.201
Log10 Std Error of Mean	0.0303	0.052	0.054	0.060	0.063	0.071	0.070	0.061
Lower 95% Limit on Mean	3.15	1.66	3.8	4.4	3.8	4.4	4.7	3.4
Upper 95% Limit on Mean	4.2	2.68	6.4	7.8	7.1	8.7	9.5	6.3
Percentiles								
Minimum Value	0.1	0.1	0.8	1.9	1.4	2.5	2.6	2.1
5th Percentile	0.6	0.3	0.8	1.9	1.4	2.5	2.6	2.1
10th Percentile	0.9	0.6	2.5	1.9	1.6	2.6	2.6	2.1
15th Percentile	1.4	0.7	2.6	3.2	2.6	2.6	3.4	2.7
25th Percentile	2.3	1.1	3.8	3.8	3.6	4.3	5.2	3.0
35th Percentile	3.1	1.5	3.9	3.9	4.0	4.4	5.2	3.2
50th Percentile	4.3	2.3	4.8	5.5	4.5	6.1	5.7	4.8
65th Percentile	5.4	3.6	6.0	6.9	5.7	6.6	6.2	5.8
70th Percentile	5.9	3.9	6.3	7.3	6.9	6.7	6.2	6.1
75th Percentile	6.7	4.2	7.0	8.6	8.3	6.7	11.0	6.1
80th Percentile	7.5	5.0	7.1	9.5	8.6	9.0	12.0	6.8
90th Percentile	12.0	7.8	11.0	15.0	13.0	14.0	14.0	7.5
95th Percentile	14.0	12.0	12.0	20.9	16.0	14.0	14.0	7.5
98th Percentile	16.0	13.0	12.0	21.6	18.0	23.2	16.0	8.7
99th Percentile	20.9	15.0	12.0	21.6	18.0	23.2	16.0	8.7
Maximum Value	23.2	16.0	12.0	21.6	18.0	23.2	16.0	8.7



Variable: Uranium (U)

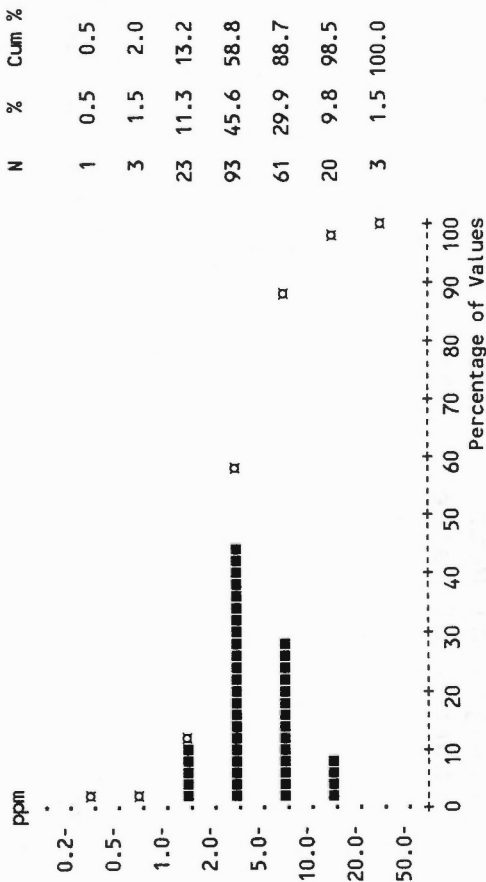
Units: ppm

Detection Limit: .2

Analytical Method: INAA

Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMgS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	5.4	5.4	4.9	4.5	4.6	8.2	6.3	3.07
Standard Deviation	4.2	3.9	3.9	3.5	2.32	8.1	3.3	0.96
Skewness	2.45	1.50	2.95	2.34	0.306	1.66	0.77	0.41
Excess Kurtosis	8.9	2.28	9.9	6.3	-0.305	1.95	-0.070	-1.35
Coef of Var (%)	78	71	80	78	51	100	52	31.4
Std Error of the Mean	0.291	0.43	0.79	0.74	0.51	2.10	0.95	0.291
Lower 95% Limit on Mean	4.8	4.6	3.22	3.02	3.5	3.6	4.2	2.42
Upper 95% Limit on Mean	5.9	6.3	6.5	6.1	5.6	12.7	8.4	3.7
Geometric Statistics								
Log10 Mean	0.63	0.63	0.60	0.57	0.58	0.75	0.74	0.47
Geometric Mean	4.2	4.3	4.0	3.7	3.8	5.6	5.5	2.94
Log10 Standard Deviation	0.300	0.303	0.279	0.282	0.314	0.38	0.241	0.134
Log10 Std Error of Mean	0.0210	0.033	0.057	0.059	0.068	0.097	0.069	0.041
Lower 95% Limit on Mean	3.9	3.7	3.03	2.79	2.75	3.5	3.9	2.39
Upper 95% Limit on Mean	4.7	5.0	5.2	4.9	5.3	9.1	7.9	3.6
Percentiles								
Minimum Value	0.4	0.9	0.9	1.0	0.4	1.8	1.8	2.0
5th Percentile	1.3	1.3	0.9	1.0	0.4	1.8	1.8	2.0
10th Percentile	1.8	1.7	1.3	1.2	1.3	1.8	1.8	2.0
15th Percentile	2.0	1.9	1.7	1.8	1.5	1.8	3.0	2.1
25th Percentile	2.7	2.4	3.2	2.8	3.1	2.7	3.6	2.1
35th Percentile	3.4	3.3	3.4	3.0	3.6	3.0	4.4	2.5
50th Percentile	4.4	4.6	3.9	3.6	4.6	5.3	5.6	2.6
65th Percentile	5.5	5.7	5.3	4.1	5.5	7.1	6.5	3.6
70th Percentile	5.9	6.1	5.3	4.3	5.5	9.5	6.5	3.7
75th Percentile	6.3	6.9	5.3	5.4	5.6	9.5	8.4	3.7
80th Percentile	7.1	7.5	5.5	5.8	5.7	10.0	8.5	3.9
90th Percentile	10.0	10.0	6.4	7.9	7.3	20.3	8.9	3.9
95th Percentile	13.0	12.0	8.5	8.6	7.9	20.3	8.9	3.9
98th Percentile	18.0	17.0	21.1	18.0	10.0	31.5	14.0	4.9
99th Percentile	20.3	18.0	21.1	18.0	10.0	31.5	14.0	4.9
Maximum Value	31.5	19.0	21.1	18.0	10.0	31.5	14.0	4.9



Variable: Vanadium (V)

Units: ppm
 Detection Limit: 5
 Analytical Method: AAS
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGs	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	202	82	24	23	20	14	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	17.8	15.8	18.0	21.9	18.3	14.2	18.3	21.5
Standard Deviation	8.7	6.0	8.0	10.4	9.8	11.7	9.9	8.7
Skewness	1.06	0.88	1.37	0.83	0.045	1.53	0.48	0.77
Excess Kurtosis	1.31	1.67	1.61	0.219	-1.51	1.29	-1.26	-0.62

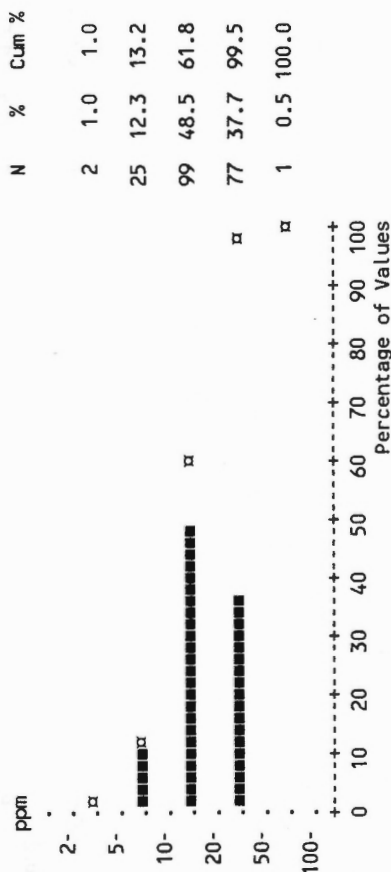
Coef of Var (%)	49	38	44	48	53	82	54	40
Std Error of the Mean	0.61	0.67	1.64	2.18	2.13	3.02	2.85	2.61
Lower 95% Limit on Mean	16.6	14.4	14.7	17.4	13.9	7.8	12.1	15.7
Upper 95% Limit on Mean	19.0	17.1	21.4	26.4	22.8	20.7	24.6	27.4

Geometric Statistics

Log10 Mean	1.20	1.17	1.22	1.29	1.18	1.05	1.20	1.30
Geometric Mean	15.8	14.6	16.7	19.7	15.2	11.1	15.9	20.1
Log10 Standard Deviation	0.219	0.173	0.171	0.208	0.301	0.311	0.254	0.168
Log10 Std Error of Mean	0.0154	0.0191	0.035	0.043	0.066	0.080	0.073	0.051
Lower 95% Limit on Mean	14.7	13.4	14.1	16.0	11.1	7.5	10.9	15.5
Upper 95% Limit on Mean	17.0	16.0	19.7	24.2	20.8	16.5	23.0	26.1

Percentiles

Minimum Value	3	5	9	8	3	3	5	11
5th Percentile	6	6	9	8	3	3	5	11
10th Percentile	8	8	9	10	6	6	5	11
15th Percentile	10	10	12	11	6	6	8	12
25th Percentile	12	12	13	12	11	8	11	16
35th Percentile	13	13	13	15	11	8	12	18
50th Percentile	16	14	14	22	18	9	15	20
65th Percentile	20	17	19	24	24	12	18	20
70th Percentile	21	18	21	25	24	15	18	21
75th Percentile	22	20	21	26	26	15	23	21
80th Percentile	24	21	22	26	29	15	29	25
90th Percentile	30	22	30	35	32	34	34	35
95th Percentile	34	24	30	40	32	34	34	35
98th Percentile	40	30	43	50	33	46	35	39
99th Percentile	46	31	43	50	33	46	35	39
Maximum Value	50	39	43	50	33	46	35	39



Variable: Tungsten (W)

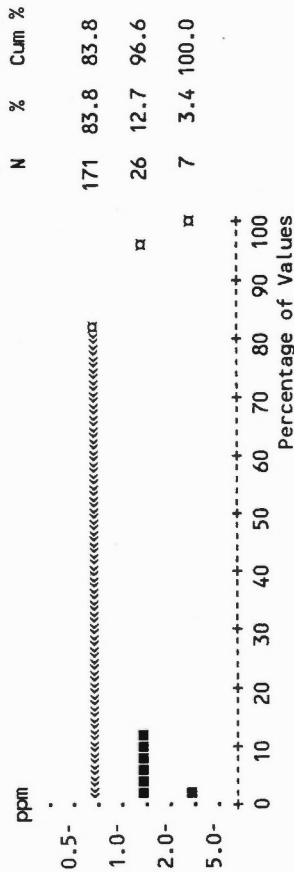
Units: ppm

Detection Limit: 1

Analytical Method: INAA

Number of Values: 204

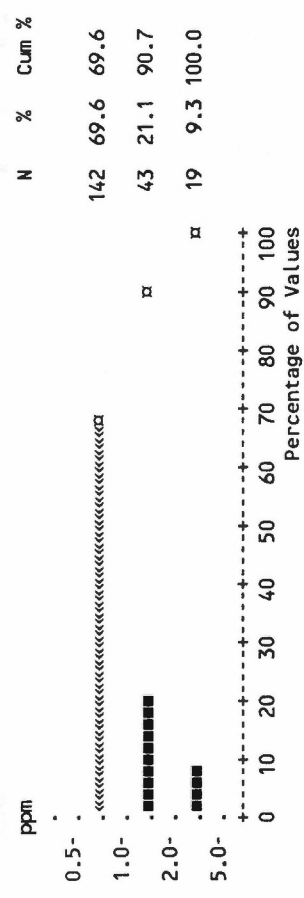
	Total	CDRC	DITS	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	33	18	2	1	3	1	3	0
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.63	0.70	0.58	0.52	0.62	0.53	0.63	0.50
Standard Deviation	0.37	0.49	0.319	0.104	0.35	0.129	0.226	0.0000
Skewness	4.1	3.24	3.7	4.2	3.01	3.13	1.01	0.0000
Excess Kurtosis	19.6	10.9	13.4	16.3	8.7	8.4	-1.04	0.0000
Coef of Var (%)	58	70	55	20.0	57	24.2	36	0.0000
Std Error of the Mean	0.0256	0.054	0.065	0.0217	0.076	0.033	0.065	0.0000
Lower 95% Limit on Mean	0.57	0.59	0.45	0.48	0.46	0.46	0.48	0.50
Upper 95% Limit on Mean	0.68	0.80	0.72	0.57	0.78	0.60	0.77	0.50
Geometric Statistics								
Log10 Mean	-0.240	-0.212	-0.263	-0.288	-0.244	-0.281	-0.226	-0.301
Geometric Mean	0.58	0.61	0.55	0.52	0.57	0.52	0.59	0.50
Log10 Standard Deviation	0.151	0.187	0.135	0.063	0.154	0.078	0.136	0.0000
Log10 Std Error of Mean	0.0106	0.0207	0.0276	0.0131	0.034	0.0201	0.039	0.0000
Lower 95% Limit on Mean	0.55	0.56	0.48	0.48	0.49	0.47	0.49	0.50
Upper 95% Limit on Mean	0.60	0.67	0.62	0.55	0.67	0.58	0.73	0.50
Percentiles								
Minimum Value	1	1	1	1	1	1	1	1
5th Percentile	1	1	1	1	1	1	1	1
10th Percentile	1	1	1	1	1	1	1	1
15th Percentile	1	1	1	1	1	1	1	1
25th Percentile	1	1	1	1	1	1	1	1
35th Percentile	1	1	1	1	1	1	1	1
50th Percentile	1	1	1	1	1	1	1	1
65th Percentile	1	1	1	1	1	1	1	1
70th Percentile	1	1	1	1	1	1	1	1
75th Percentile	1	1	1	1	1	1	1	1
80th Percentile	1	1	1	1	1	1	1	1
90th Percentile	1	1	1	1	1	1	1	1
95th Percentile	1	2	2	1	1	1	1	1
98th Percentile	2	2	2	1	2	1	1	1
99th Percentile	2	3	2	1	2	1	1	1
Maximum Value	3	3	2	1	2	1	1	1



Variable: Ytterbium (Yb)
 Units: ppm
 Detection Limit: 1
 Analytical Method: INAA
 Number of Values: 204

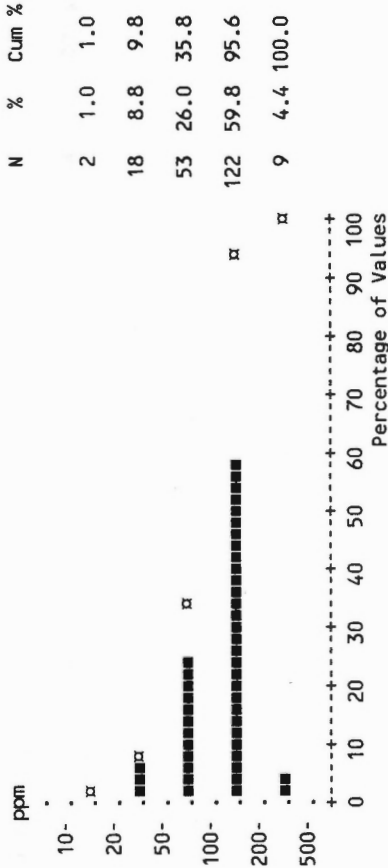
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	62	18	9	10	12	5	4	1
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.76	0.66	0.81	0.98	0.93	0.80	0.83	0.73
Standard Deviation	0.52	0.36	0.51	0.78	0.51	0.53	0.72	0.75
Skewness	2.45	2.62	1.47	1.61	1.09	1.46	2.23	2.47
Excess Kurtosis	6.0	6.7	0.86	1.36	0.066	0.64	4.0	4.5
Coef of Var (%)	68	55	62	79	55	66	86	104
Std Error of the Mean	0.037	0.040	0.103	0.162	0.111	0.136	0.207	0.227
Lower 95% Limit on Mean	0.69	0.58	0.60	0.64	0.70	0.51	0.38	0.221
Upper 95% Limit on Mean	0.84	0.74	1.03	1.31	1.16	1.09	1.29	1.23

Geometric Statistics
 Log10 Mean -0.178 -0.220 -0.151 -0.102 -0.086 -0.161 -0.161 -0.230
 Geometric Mean 0.66 0.60 0.71 0.79 0.82 0.69 0.69 0.59
 Log10 Standard Deviation 0.207 0.164 0.217 0.267 0.216 0.224 0.242 0.235
 Log10 Std Error of Mean 0.0145 0.0181 0.044 0.056 0.047 0.058 0.070 0.071
 Lower 95% Limit on Mean 0.62 0.55 0.57 0.61 0.65 0.52 0.48 0.41
 Upper 95% Limit on Mean 0.71 0.65 0.87 1.03 1.03 0.92 0.98 0.85



Variable: Zinc (Zn)
 Units: ppm
 Detection Limit: 2
 Analytical Method: AAS
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTRNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	116	94	131	148	128	125	124	153
Standard Deviation	55	56	38	46	50	28.2	51	88
Skewness	1.21	1.44	1.44	0.49	1.61	-0.036	1.40	1.52
Excess Kurtosis	3.8	3.6	4.8	0.131	4.2	-0.93	1.92	1.66
Coef of Var (%)	47	60	29.3	31.1	39	22.6	41	58
Std Error of the Mean	3.9	6.2	7.8	9.6	10.8	7.3	14.6	26.5
Lower 95% Limit on Mean	109	82	114	128	105	109	92	94
Upper 95% Limit on Mean	124	106	147	168	150	140	156	212
Geometric Statistics								
Log10 Mean	2.01	1.89	2.10	2.15	2.08	2.09	2.07	2.13
Geometric Mean	102	78	125	141	120	122	116	136
Log10 Standard Deviation	0.240	0.279	0.128	0.140	0.165	0.103	0.161	0.213
Log10 Std Error of Mean	0.0168	0.0308	0.0261	0.0293	0.036	0.0267	0.047	0.064
Lower 95% Limit on Mean	95	68	111	123	101	107	92	98
Upper 95% Limit on Mean	111	90	142	162	142	139	147	189
Percentiles								
Minimum Value	10	10	48	65	39	77	58	67
5th Percentile	31	24	48	65	39	77	58	67
10th Percentile	48	30	94	85	82	85	58	67
15th Percentile	64	34	103	94	86	85	73	77
25th Percentile	84	52	110	124	104	111	101	86
35th Percentile	97	69	115	126	106	114	103	119
50th Percentile	115	86	124	145	117	123	115	130
65th Percentile	130	110	138	157	138	131	129	152
70th Percentile	136	113	139	166	145	146	129	156
75th Percentile	142	127	144	176	145	146	136	156
80th Percentile	146	131	145	182	149	147	137	190
90th Percentile	173	155	160	196	163	157	147	193
95th Percentile	196	180	163	209	173	157	147	193
98th Percentile	269	200	267	269	298	178	262	386
99th Percentile	298	298	267	269	298	178	262	386
Maximum Value	386	326	267	269	298	178	262	386



Variable: pH in Water (pH)

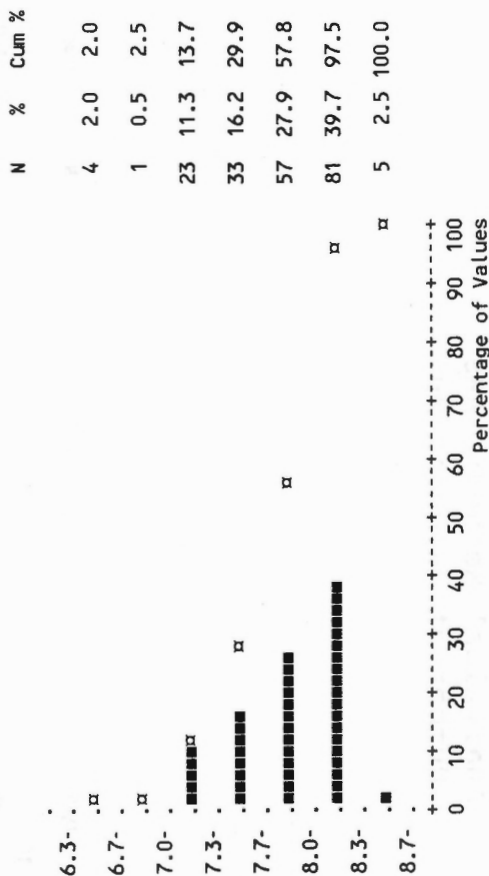
Units:

Detection Limit:

Analytical Method: GCM

Number of Values: 204

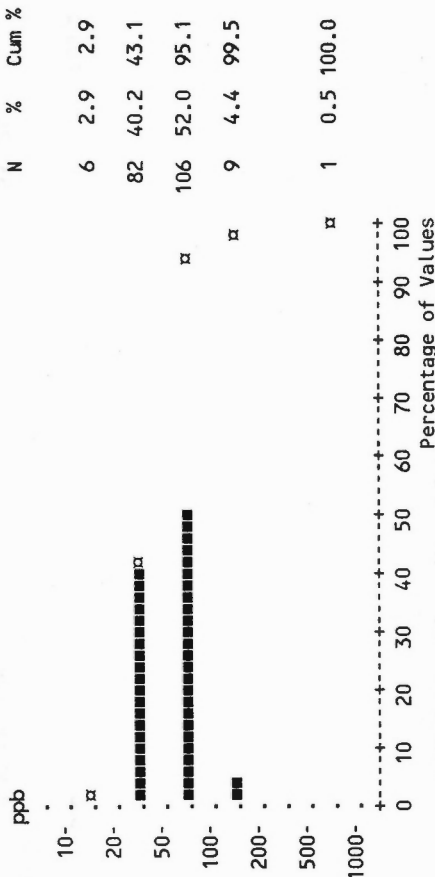
	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	204	82	24	23	21	15	12	11
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	7.8	7.9	7.7	7.6	7.8	7.6	7.9	7.9
Standard Deviation	0.39	0.36	0.34	0.42	0.46	0.38	0.40	0.251
Skewness	-0.95	-1.26	-0.105	-0.79	-1.07	-0.89	-0.91	-1.77
Excess Kurtosis	0.89	2.49	-1.09	0.072	0.51	0.306	-0.36	2.34
Coef of Var (%)	5.0	4.5	4.5	5.5	5.9	5.1	5.0	3.18
Std Error of the Mean	0.0274	0.039	0.070	0.087	0.100	0.099	0.114	0.076
Lower 95% Limit on Mean	7.7	7.8	7.6	7.4	7.6	7.3	7.6	7.7
Upper 95% Limit on Mean	7.9	8.0	7.9	7.8	8.0	7.8	8.2	8.1
Geometric Statistics								
Log10 Mean	0.89	0.90	0.89	0.88	0.89	0.88	0.90	0.90
Geometric Mean	7.8	7.9	7.7	7.6	7.8	7.5	7.9	7.9
Log10 Standard Deviation	0.0224	0.0203	0.0195	0.0245	0.0267	0.0227	0.0223	0.0143
Log10 Std Error of Mean	0.0016	0.0022	0.0040	0.0051	0.0058	0.0059	0.0065	0.0043
Lower 95% Limit on Mean	7.7	7.8	7.6	7.4	7.5	7.3	7.6	7.7
Upper 95% Limit on Mean	7.8	8.0	7.9	7.8	8.0	7.8	8.2	8.1
Percentiles								
Minimum Value	6.5	6.5	7.1	6.5	6.5	6.6	7.0	7.2
5th Percentile	7.1	7.2	7.1	6.5	6.5	6.6	7.0	7.2
10th Percentile	7.3	7.5	7.1	7.0	7.2	7.0	7.0	7.2
15th Percentile	7.4	7.6	7.3	7.0	7.2	7.0	7.5	7.8
25th Percentile	7.6	7.7	7.5	7.4	7.3	7.4	7.5	7.8
35th Percentile	7.7	7.8	7.5	7.4	7.7	7.4	7.8	7.9
50th Percentile	7.9	7.9	7.7	7.8	7.9	7.7	8.1	8.0
65th Percentile	8.0	8.0	7.9	7.8	8.0	7.7	8.1	8.0
70th Percentile	8.0	8.1	7.9	7.9	8.0	7.7	8.1	8.0
75th Percentile	8.1	8.1	7.9	7.9	8.0	7.7	8.1	8.0
80th Percentile	8.1	8.2	8.0	7.9	8.0	7.7	8.2	8.0
90th Percentile	8.2	8.3	8.2	8.1	8.3	8.0	8.3	8.1
95th Percentile	8.3	8.3	8.2	8.1	8.3	8.0	8.3	8.1
98th Percentile	8.4	8.4	8.3	8.2	8.3	8.1	8.3	8.1
99th Percentile	8.4	8.4	8.3	8.2	8.3	8.1	8.3	8.1
Maximum Value	8.5	8.5	8.3	8.2	8.3	8.1	8.3	8.1



Variable: Fluoride (F_W)

Units: ppb
 Detection Limit: 20
 Analytical Method: ISE
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PTrNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	198	78	24	23	21	15	11	10
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	58	61	47	65	48	61	57	65
Standard Deviation	41	56	13.7	28.5	14.8	24.9	25.3	33
Skewness	7.6	6.9	0.0185	1.95	-0.0306	0.305	0.188	0.234
Excess Kurtosis	83	55	-0.69	5.3	-0.80	-1.21	-0.47	-0.94
Coef of Var (%)	70	92	29.3	44	30.5	41	45	51
Std Error of the Mean	2.84	6.2	2.79	5.9	3.22	6.4	7.3	10.1
Lower 95% Limit on Mean	53	49	41	53	42	47	40	43
Upper 95% Limit on Mean	64	73	53	78	55	75	73	88
Geometric Statistics								
Log10 Mean	1.71	1.71	1.65	1.78	1.66	1.75	1.70	1.74
Geometric Mean	51	51	45	61	46	56	50	55
Log10 Standard Deviation	0.217	0.242	0.139	0.168	0.147	0.187	0.261	0.300
Log10 Std Error of Mean	0.0152	0.0268	0.0284	0.035	0.0320	0.048	0.075	0.090
Lower 95% Limit on Mean	48	46	39	51	40	44	34	35
Upper 95% Limit on Mean	55	58	51	72	54	71	73	88
Percentiles								
Minimum Value	10	10	20	26	22	28	10	10
5th Percentile	26	10	20	26	22	28	10	10
10th Percentile	28	28	26	34	26	28	10	10
15th Percentile	34	34	30	40	26	28	36	34
25th Percentile	40	40	36	44	38	40	38	40
35th Percentile	44	46	42	54	42	44	44	52
50th Percentile	54	56	44	64	48	58	48	59
65th Percentile	62	64	52	68	54	76	70	62
70th Percentile	66	68	54	68	54	76	70	84
75th Percentile	70	70	54	72	58	76	72	84
80th Percentile	72	70	58	78	60	80	74	94
90th Percentile	84	82	64	88	64	102	76	98
95th Percentile	98	98	64	88	74	102	76	98
98th Percentile	112	102	76	170	76	106	108	128
99th Percentile	156	104	76	170	76	106	108	128
Maximum Value	525	525	76	170	76	106	108	128



Variable: Uranium in Water (U_W)

Units: ppb
 Detection Limit: .05
 Analytical Method: LIF
 Number of Values: 204

	Total	CDRC	DTrS	PCH	PT-FNK	DMGS	PCGC	DME
Number of Sites	204	82	24	23	21	15	12	11
Number of Values >= D.L.	151	68	17	13	15	9	9	7
Number of Missing Values	0	0	0	0	0	0	0	0
Mean	0.202	0.234	0.151	0.124	0.200	0.229	0.271	0.144
Standard Deviation	0.208	0.217	0.207	0.150	0.188	0.273	0.284	0.103
Skewness	1.48	1.09	2.28	1.83	0.80	1.44	1.04	0.0000
Excess Kurtosis	1.90	0.35	4.8	2.96	-0.86	1.35	0.0319	-1.73
Coef of Var (%)	103	93	137	120	94	119	105	72
Std Error of the Mean	0.0146	0.0240	0.042	0.0312	0.041	0.070	0.082	0.0311
Lower 95% Limit on Mean	0.174	0.186	0.064	0.060	0.114	0.078	0.091	0.074
Upper 95% Limit on Mean	0.231	0.281	0.239	0.189	0.285	0.38	0.45	0.213

Geometric Statistics

Log10 Mean	-0.94	-0.85	-1.08	-1.15	-0.94	-0.97	-0.85	-1.02
Geometric Mean	0.114	0.141	0.083	0.070	0.116	0.108	0.141	0.095
Log10 Standard Deviation	0.49	0.47	0.46	0.47	0.51	0.59	0.57	0.47
Log10 Std Error of Mean	0.035	0.052	0.095	0.097	0.111	0.153	0.165	0.142
Lower 95% Limit on Mean	0.098	0.111	0.053	0.044	0.068	0.051	0.061	0.046
Upper 95% Limit on Mean	0.134	0.179	0.130	0.111	0.197	0.229	0.327	0.197

Percentiles

Minimum Value	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5th Percentile	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10th Percentile	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15th Percentile	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25th Percentile	0.03	0.06	0.03	0.03	0.03	0.03	0.03	0.03
35th Percentile	0.06	0.10	0.05	0.03	0.06	0.03	0.05	0.03
50th Percentile	0.12	0.15	0.07	0.06	0.14	0.18	0.18	0.17
65th Percentile	0.20	0.21	0.12	0.10	0.19	0.24	0.28	0.20
70th Percentile	0.23	0.32	0.12	0.12	0.23	0.24	0.28	0.20
75th Percentile	0.30	0.38	0.14	0.14	0.32	0.24	0.39	0.20
80th Percentile	0.33	0.42	0.18	0.16	0.38	0.32	0.49	0.24
90th Percentile	0.52	0.58	0.48	0.30	0.49	0.56	0.56	0.24
95th Percentile	0.60	0.64	0.52	0.40	0.56	0.56	0.56	0.24
98th Percentile	0.72	0.72	0.90	0.62	0.58	0.99	0.95	0.30
99th Percentile	0.95	0.72	0.90	0.62	0.58	0.99	0.95	0.30
Maximum Value	0.99	0.96	0.90	0.62	0.58	0.99	0.95	0.30

