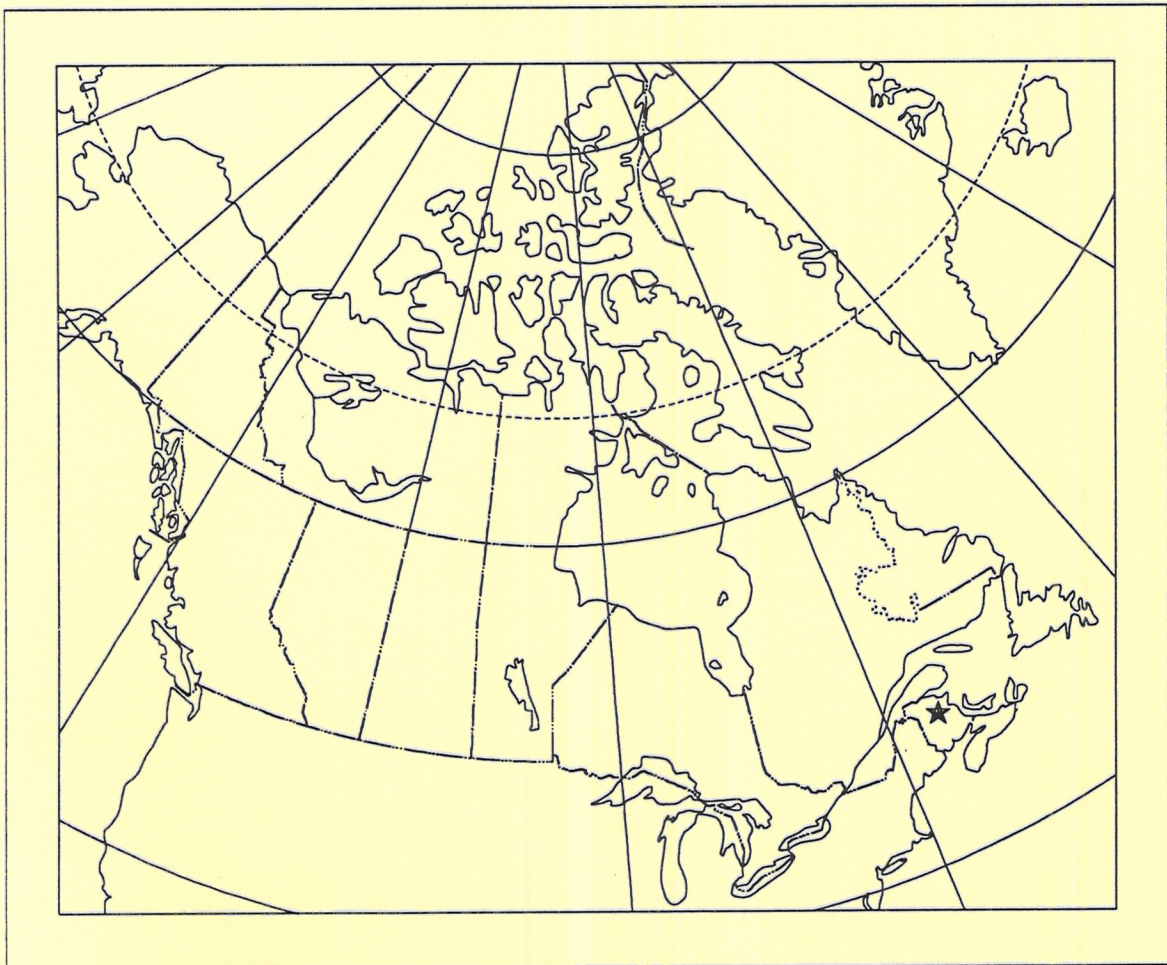




**GEOLOGICAL SURVEY OF CANADA OPEN FILE 2651
(NTS 21J/15 EAST, 21J/16)**

**CANADA - NEW BRUNSWICK COOPERATION AGREEMENT
ON MINERAL DEVELOPMENT (1990-1995)**

**REGIONAL STREAM SEDIMENT AND WATER
GEOCHEMICAL SURVEY
CENTRAL NEW BRUNSWICK**



Friske, P.W.B., McCurdy, M.W., Gross, H., Day, S.J., Lynch, J.J., Durham, C.C. (1993): Regional Stream Sediment and Water Geochemical Survey, Central New Brunswick (NTS 21J/15 East, 21J/16); Geological Survey of Canada Open File 2651

26 August 1993



Energy, Mines and
Resources, Canada

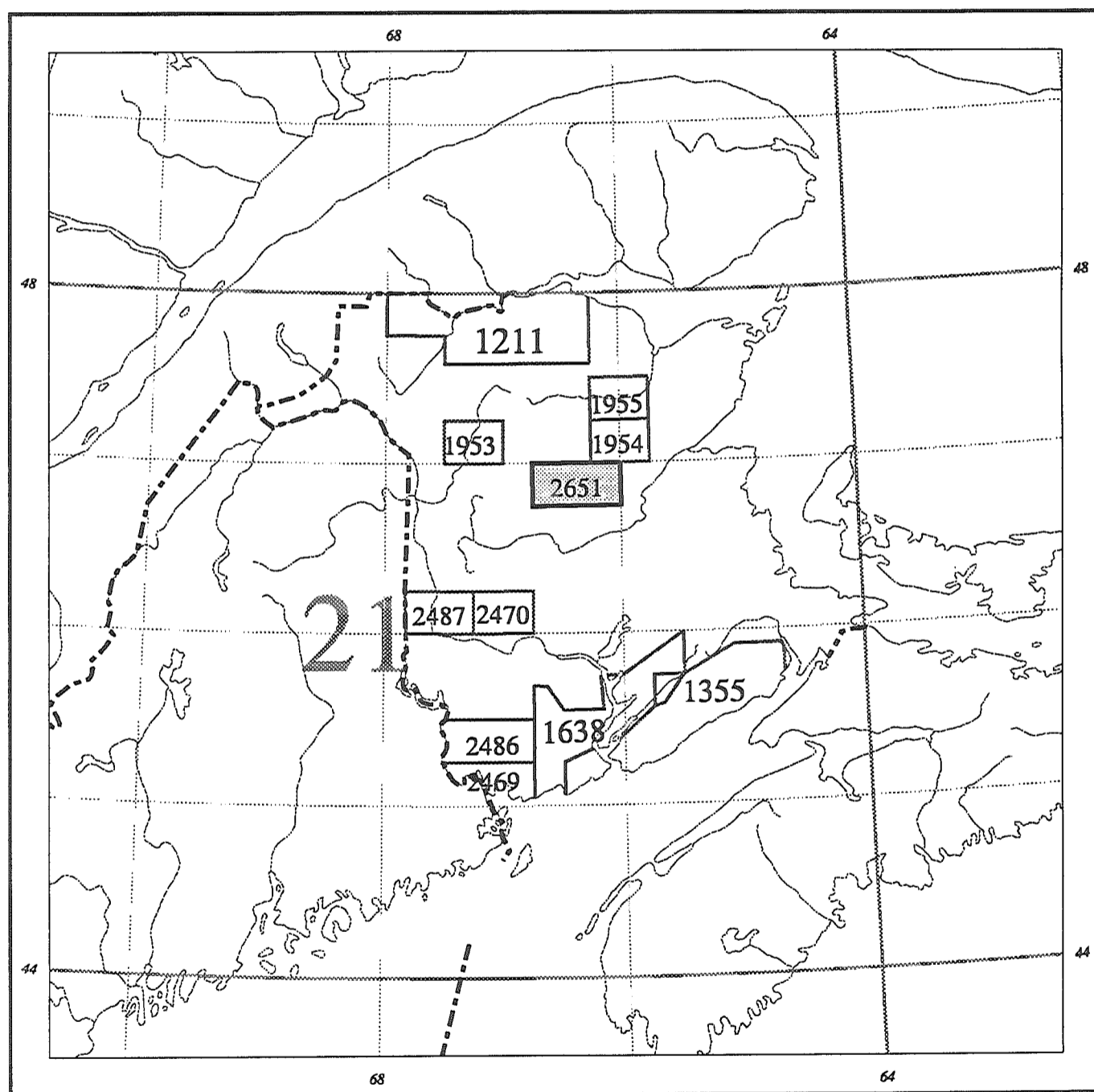
Energie, Mines et
Ressources, Canada

This document was produced
by scanning the original publication.

Ce document est le produit d'une
numérisation par balayage
de la publication originale.

Canada

NATIONAL GEOCHEMICAL RECONNAISSANCE
STREAM SEDIMENT AND WATER GEOCHEMICAL DATA
NEW BRUNSWICK 1993
GEOLOGICAL SURVEY OF CANADA OPEN FILE 2651
NTS 21J/15 EAST, 21J/16



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

Open File 2651 represents a contribution to the Canada - New Brunswick Cooperation Agreement on Mineral Development (1990-1995), a subsidiary agreement under the Economic and Regional Development Agreement. This project was managed by the Geological Survey of Canada.

TABLE OF CONTENTS

	pages
INTRODUCTION	I-1
CREDITS	I-1
DESCRIPTION OF SURVEY AND SAMPLE MANAGEMENT	I-1
ANALYTICAL PROCEDURES	I-1
PRESENTATION AND INTERPRETATION OF GOLD DATA	I-3
SUMMMARY OF ANALYTICAL DATA AND METHODS	I-4
REFERENCES	I-5
FIELD OBSERVATIONS LEGEND	I-7
DATA LISTINGS	II-1 to II-39
SUMMARY STATISTICS	III-1 to III-47
ELEMENT SYMBOL-TREND PLOTS	in pocket
SAMPLE LOCATION OVERLAY	in pocket
GEOLOGY OVERLAY	in pocket
SAMPLE LOCATION MAP (1:50 000 SCALE)	in pocket

GSC OPEN FILE 2651
REGIONAL STREAM SEDIMENT AND WATER DATA, NEW BRUNSWICK
NTS 21J/15 EAST, 21J/16

INTRODUCTION

Open File 2651 presents analytical and statistical data for 36 elements in sediments from 458 stream sites in central New Brunswick. Uranium, fluoride, and pH values in waters from these sites are included in this report. Open File 2651 contains geochemical data from an area in the central part of the province sampled in 1992 under the Canada - New Brunswick Cooperation Agreement on Mineral Development 1990-1995.

The reconnaissance surveys were managed by the Geological Survey of Canada in conjunction with the New Brunswick Department of Natural Resources and Energy (Mineral Resources Division).

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.

Regional geochemical surveys have been carried out by the GSC in New Brunswick since 1985. A total of 11 open files have been published or are in publication, covering approximately 19 900 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.

CREDITS

P.W.B. Friske directed the survey, coordinating the activities of contract and Geological Survey of Canada staff.

Contracts were let to the following companies for sample collection, preparation, and analysis, and were managed by Geological Survey of Canada staff as follows:

Collection: Three-D GeoConsultants Ltd.
Fredericton, New Brunswick

P.W.B. Friske (GSC)

Preparation: Bondar-Clegg & Company
Ottawa, Ontario

J.J. Lynch (GSC)

Analysis: Barringer Laboratories (Alberta), Ltd.
Calgary, Alberta

Becquerel Laboratories, Ltd.
Mississauga, Ontario

Chemex Laboratories, Ltd.
North Vancouver, British Columbia

J.J. Lynch (GSC)

M. McCurdy edited open files and coordinated production.

S.W. Adcock and H. Gross provided software support for map production and data listings.

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

DESCRIPTION OF SURVEY AND SAMPLE MANAGEMENT

Sediments and waters were collected during the summer of 1992. Sample sites were distributed over the 1590 km² survey area at an average of one sample per 3.5 km².

Sample site duplicate samples were routinely collected in each analytical block of twenty samples. 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 in Ottawa to obtain Universal Transverse Mercator (UTM) coordinates. The dominant rock types in the stream 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 sieved through a minus 80 mesh (177 micron) screen before milling in ceramic-lined puck mills. At this time, control reference and blind 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.

Analytical data from labs were monitored for reliability with standard methods used by the Applied Geochemistry Subdivision at the Geological Survey of Canada.

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, Se, Sn, Te, Zn, and Zr are not published because of inadequate detection limits and/or precision.

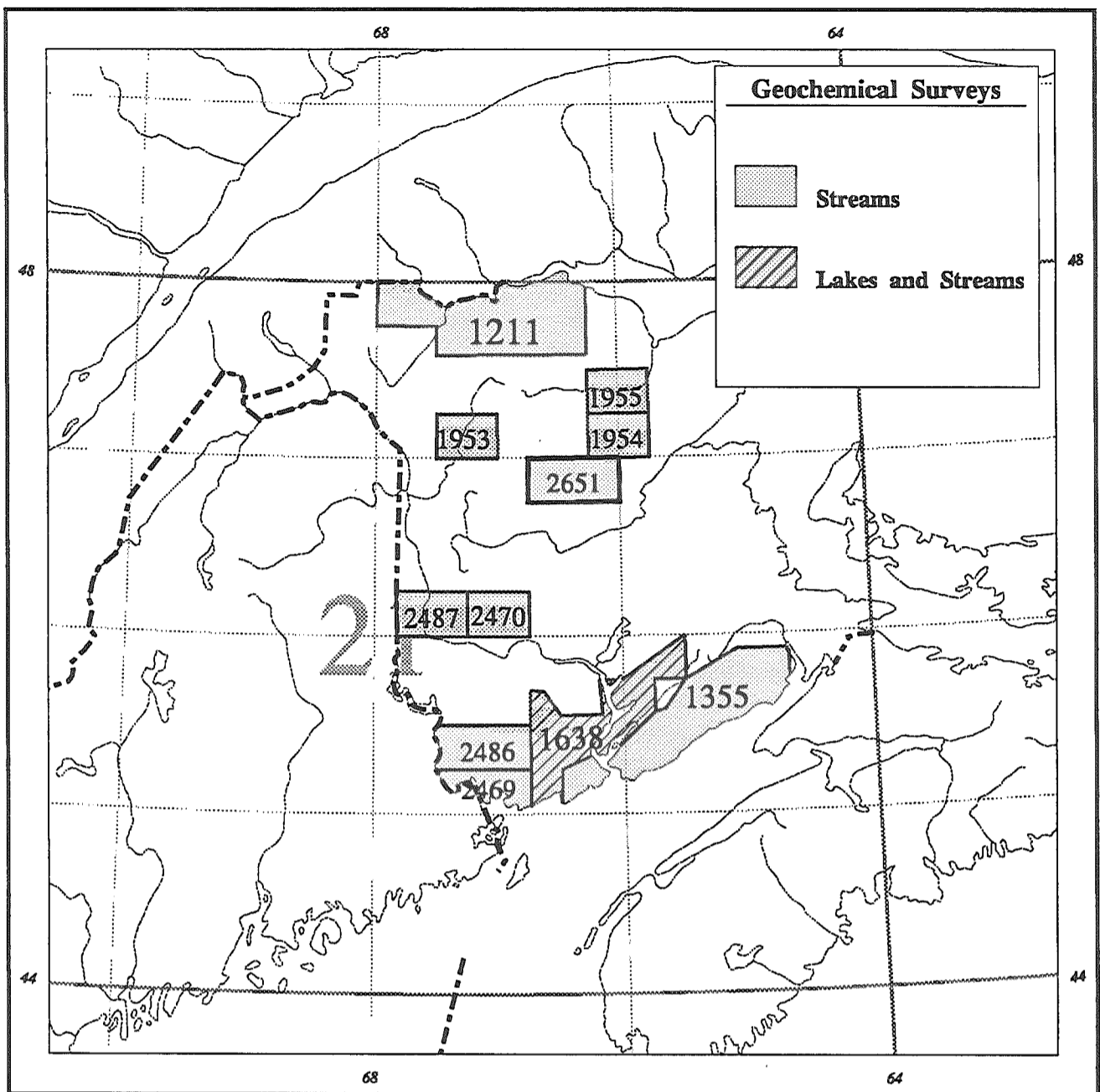


Fig. 1. Areas of New Brunswick covered by geochemical surveys, showing current GSC open file numbers.

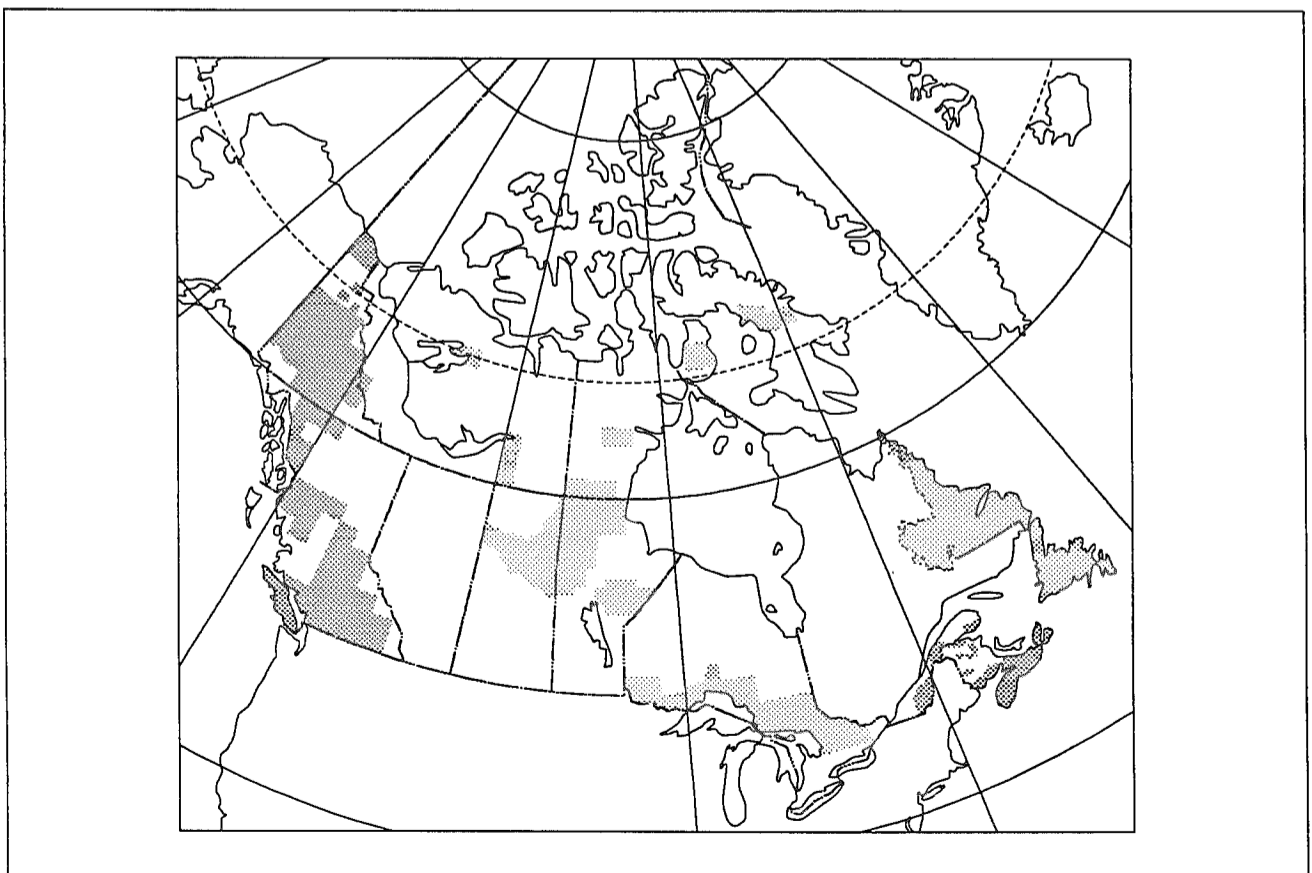


Fig. 2. Drainage surveys to National Geochemical Reconnaissance standards.

Atomic Absorption Spectroscopy (AAS) and Other Analyses

For the determination of Zn, Cu, Pb, Ni, Co, Ag, Mn, Fe, and Cd, a 1 gram sample is reacted with 3 ml concentrated HNO_3 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°C and held at this temperature for 30 minutes with periodic shaking. One ml of concentrated HCl is added and heating continues for another 90 minutes. 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 gram sample is reacted with 1.5 ml concentrated HNO_3 at 90°C for 30 minutes. 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 gram sample is reacted with 20 ml concentrated HNO_3 and 1 ml concentrated HCl in a test tube for 10 minutes at room temperature prior to two 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 SnSO_4 in $\text{M H}_2\text{SO}_4$. 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 a 30 ml beaker, is placed in a cold muffle furnace and brought up to 500°C over a period of two to three hours. The sample is held at this temperature for four hours, then allowed to cool to room temperature for weighing.

Fluorine is determined as described by Ficklin (1970). A 250 mg sample is sintered with 1 gram 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 pH of the solution should range from 5.5 to 6.5. The fluoride content of the test solution is measured using a fluoride ion electrode. Standard solutions contain sodium carbonate and citric acid in the same quantities as the sample solution.

Tin in stream sediments is determined by heating a 200 mg sample with NH_4I : the sublimed SnI_4 is dissolved in acid and the tin determined by atomic absorption spectrometry after solvent extraction of the tin into methyl isobutyl ketone containing trioctylphosphine oxide (TOPO). The method is described by E.P. Welsch and T.T. Chao (1976).

Water Analyses

Fluoride in 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 liter in a volumetric flask. Detection limit = 20 ppb.

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 μL 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 μL aliquot of either 55 or 550 ppb U are used). All readings are taken against a sample blank.

A summary of analytical methods and detection limits is provided in Table 1.

PRESENTATION AND INTERPRETATION OF GOLD DATA

The following 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.

The correct interpretation of geochemical gold 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. Gold distribution appears to be more homogeneous in organic-rich fluvial and lake sediments.

TABLE 1. Summary of Analytical Data and Methods

ELEMENT		DETECTION LEVEL		METHOD
<u>SEDIMENTS:</u>				
Zn	Zinc	2	ppm	AAS
Cu	Copper	2	ppm	AAS
Pb	Lead	2	ppm	AAS
Ni	Nickel	2	ppm	AAS
Co	Cobalt	2	ppm	AAS
Ag	Silver	0.2	ppm	AAS
Mn	Manganese	5	ppm	AAS
Mo	Molybdenum	2	ppm	AAS
Fe	Iron	0.02	pct	AAS
Hg	Mercury	10	ppb	CV-AAS
F	Fluorine	40	ppm	ISE
V	Vanadium	5	ppm	AAS
Cd	Cadmium	0.2	ppm	AAS
LOI	Loss-on-ignition	1	pct	GRAV
Sn	Tin	1	ppm	SX-AAS
As	Arsenic	0.5	ppm	INAA
Au	Gold	2	ppb	INAA
Ba	Barium	50	ppm	INAA
Br	Bromine	0.5	ppm	INAA
Ce	Cerium	5	ppm	INAA
Co	Cobalt	5	ppm	INAA
Cr	Chromium	20	ppm	INAA
Cs	Cesium	0.5	ppm	INAA
Eu	Europium	1	ppm	INAA
Fe	Iron	0.2	pct	INAA
Hf	Hafnium	1	ppm	INAA
La	Lanthanum	2	ppm	INAA
Lu	Lutetium	0.2	ppm	INAA
Mo	Molybdenum	1	ppm	INAA
Na	Sodium	0.02	pct	INAA
Ni	Nickel	10	ppm	INAA
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
W	Tungsten	1	ppm	INAA
Yb	Ytterbium	1	ppm	INAA
Wt	Weight	0.01	gm	
<u>WATERS:</u>				
F	Fluoride	20	ppb	ISE
pH	Hydrogen ion activity	-	-	GCM
U	Uranium	0.05	ppb	LIF

AAS - atomic absorption spectrometry
 CV-AAS - cold vapour (flameless) 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
 SX-AAS - solvent extraction; atomic absorption spectrometry

- 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, areas where concentrations of gold in sediments are low, and/or grain sizes of the gold present relatively high require proportionally larger samples 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 ball 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.
- (2) For both stream and lake sediments, routine repeat analyses on a second subsample are performed for all samples having values that are statistically above approximately the 90th percentile of the total data set. **However, for this open file, repeat analyses for gold are not present because most of the sample material was used during the initial analysis.**
- (3) For lake sediments only, a routine repeat analysis on a second subsample is performed on those samples with LOI values below 10%, indicating a large clastic component. Ongoing studies suggest that the gold distribution in these samples is more likely to be variable than in samples with a higher LOI content.

The presentation of gold data, statistical treatment and the value map format are different than for other elements. Gold data listed in the open file may include initial analytical results, values determined from repeat analyses, together with sample weights and corresponding detection limits for all analyzed samples. The gold, statistical parameters and regional symbol-trend

plots are determined using only the first analytical value. Gold values less than the detection limit are set to half that limit. Sample weights used can be found in the text.

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

- Boulanger, A., Evans, D.J.R. and Raby, B.F. (1975) Uranium analysis by neutron activation delayed neutron counting; Proceedings of the 7th Annual Symposium of Canadian Mineral Analysts, Thunder Bay, Ontario, September 22-23, 1975.
- 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. C186-188.
- Garrett, R.G. (1974) Field data acquisition methods for applied geochemical surveys at the Geological Survey of Canada; Geol. Surv. Can. Paper 74-52.
- 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, Geol. Surv. Can. 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.
- Friske, P.W.B. and Hornbrook, E.H.W. (1991) Canada's National Geochemical Reconnaissance programme; *in* Transactions of the Institution of Mining and Metallurgy, Section B; Volume 100, p. 47-56

Jonasson, I.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.

Welsch, E.P. and Chao, T.T. (1976) Determination of trace amounts of tin in geological materials by atomic absorption spectrometry; Anal. Chim. Acta., Vol. 82, pp. 337-342.

TABLE 2. Field Observations Legend

FIELD RECORD	DEFINITION	TEXT CODE
MAPSHEET	National Topographic System (NTS); lettered quadrangle (1:250 000 or 1:50 000 scale)	021J
SAMPLE ID	Remainder of sample number: Year of collection Field crew Sample sequence number	92 1,2,3,4, or 5 001-999
REP STAT	Replicate status; relationship of the sample to others within the survey: Routine sample site First of a site duplicate pair Second of a site duplicate pair	00 10 20
UTM	Universal Transverse Mercator UTM co-ordinate system; digitized sample location co-ordinates	
ZN	Zone (7 to 22)	19
EASTING	UTM Easting in metres	
NORTHING	UTM Northing in metres	
ROCK UNIT	Major rock type of stream catchment area: PENNSYLVANIAN grey to olive-green sandstone and conglomerate; minor green and red siltstone, shale and sandstone red conglomerate and sandstone UPPER DEVONIAN or LOWER MISSISSIPPIAN pink to red, coarse- to medium-grained, equigranular to subporphyritic biotite granite varying to quartz-feldspar porphyry; minor quartz-feldspar porphyry dykes, pegmatite, aplite, and greisen LOWER to MIDDLE DEVONIAN pink to grey, medium-grained, equigranular muscovite-biotite granite; minor garnet-, tourmaline-, and beryl-bearing granite and pegmatite pink to grey, medium-grained, equigranular to megacrystic biotite granite locally varying to hornblende-biotite granite and granodiorite grey to pink, medium-grained, equigranular to subporphyritic, foliated, biotite and hornblende-biotite granodiorite and tonalite; minor pegmatite green to grey, medium-grained, subophitic to ophitic gabbro SILURIAN (Kingsclear Gp.) grey quartzose greywacke, grey lithic greywacke, grey slate, black pyritiferous slate, and minor grey calcareous slate ORDOVICIAN (may in part be older) pink, fine- to medium grained, foliated, equigranular to megacrystic granite green, medium-grained, schistose gabbro LOWER to MIDDLE ORDOVICIAN (Tetagouche Gp.) lithic greywacke, grey siltstone, and slate; minor grey calcareous siltstone and maroon slate green, amygdaloidal, porphyritic, and locally pillowed mafic volcanic rocks buff to grey aphanitic rhyolite, porphyritic rhyolite, and crystal tuff CAMBRIAN to ORDOVICIAN (Tetagouche Gp.) olive green to grey quartzose greywacke interbedded with green, grey and maroon slate and siltstone; minor grey calcareous siltstone and green quartzite-pebble conglomerate (Migmatite Complex - may in part be older) interlayered grey cordierite-bearing quartzofeldspathic paragneiss and sillimanite-bearing schist grading to grey medium grained, nebulitic granitoid; minor green- and grey-banded, fine-grained amphibolite	Ps5 Ps2 DMf Df4 Df3 Df2 Dm Ss2 Of Om Os3 Omv Ofv COs COp

FIELD RECORD	DEFINITION	TEXT CODE
ROCK AGE	Stratigraphic age of dominant rock type in catchment basin: Pennsylvanian Upper Devonian or Lower Mississippian Lower to Middle Devonian Silurian Ordovician Lower to Middle Ordovician Cambrian to Ordovician	33 29 25 20 15 15 14
SAMPLE TYPE	Sample material collected: Stream bed sediment only Spring or sediment seep Heavy mineral concentrate Stream water only Natural groundwater, spring seep Simultaneous stream sediment and water Simultaneous spring or seep water and sediment	SedOnly SpgSedOnly HvMnCn Strm GrWat Sed/Water SpgSep/Sed
STREAM WIDTH	Stream width in decimetres	
STREAM DEPTH	Stream depth in decimetres	
SAMPLE CONT.	Contamination, human or natural: None Possible Probable Definite Mining activity Industrial sources Agricultural Domestic or household Forestry activities Burned areas	- Possible Probable Definite Mining Industry Agricult Domestic Forestry Burn
BANK TYPE	Bank type; the general nature of the bank material adjacent to the sample site: Alluvial Colluvial (bare rock, residual or mountain soils) Glacial till Glacial outwash sediments Bare rock Talus scree Organic predominant (debris, peat, muskeg, swamp) ...	Alluv Colluv Till Outwash Bare Rk Tal/Scr Organic
WATER COLOUR	Water colour; the general colour and suspended load of the sampled water: Clear Brown transparent White cloudy Brown cloudy	Clear BnTrans WhCl'dy BnCl'dy
STREAM FLOW	Water flow rate: Stagnant Slow Moderate Fast Torrential	Stagnt Slow Modert Fast Torrrnt
SAMPLE COLOUR	Predominant sediment colour: Red-brown White-buff Black Yellow Green Grey, blue grey Pink Buff to brown Brown	Rd-Bn Wh-Bf Black Yellow Green Gy-Blu Pink Bf-Bn Brown

FIELD RECORD	DEFINITION	TEXT CODE																				
SAMPLE COMP.	<p>Sediment composition; description of the bulk mechanical composition of the collected sample on a scale of 1 to 3, the total of the column must add up to 3 or 4 or 5: Size fractions are divided as follows:</p> <p>Column 1 >0.125 mm (sand) Column 2 <0.125 mm (fines - organic silt, clay) Column 3 organic material</p> <p>Amount of size fraction: sum of amounts = 3 4 5</p> <table><tr><td>Absent</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Minor</td><td><33%</td><td>25%</td><td>20%</td><td>1</td></tr><tr><td>Medium</td><td>33-67%</td><td>50%</td><td>40%</td><td>2</td></tr><tr><td>Major</td><td>>67%</td><td>75%</td><td>60%</td><td>3</td></tr></table>	Absent	0	0	0	0	Minor	<33%	25%	20%	1	Medium	33-67%	50%	40%	2	Major	>67%	75%	60%	3	
Absent	0	0	0	0																		
Minor	<33%	25%	20%	1																		
Medium	33-67%	50%	40%	2																		
Major	>67%	75%	60%	3																		
BOTTOM PCPT	<p>Precipitate or stain; the presence of any coatings on pebbles, boulders or stream bottoms:</p> <table><tr><td>None</td><td>-</td></tr><tr><td>Red-brown</td><td>Rd-Bn</td></tr><tr><td>White or buff</td><td>Wh-Bf</td></tr><tr><td>Black</td><td>Black</td></tr><tr><td>Yellow</td><td>Yellow</td></tr><tr><td>Green</td><td>Green</td></tr><tr><td>Grey</td><td>Grey</td></tr><tr><td>Pink</td><td>Pink</td></tr><tr><td>Buff to brown</td><td>Bf-Bn</td></tr></table>	None	-	Red-brown	Rd-Bn	White or buff	Wh-Bf	Black	Black	Yellow	Yellow	Green	Green	Grey	Grey	Pink	Pink	Buff to brown	Bf-Bn			
None	-																					
Red-brown	Rd-Bn																					
White or buff	Wh-Bf																					
Black	Black																					
Yellow	Yellow																					
Green	Green																					
Grey	Grey																					
Pink	Pink																					
Buff to brown	Bf-Bn																					
BANK PCPT	<p>Distinctive precipitate, stains or weathering on rocks in immediate area of catchment basin or stream bank:</p> <table><tr><td>None</td><td>-</td></tr><tr><td>Red, brown (eg. Fe)</td><td>Rd-Bn</td></tr><tr><td>White, buff (eg. CO₃, Zn)</td><td>Wh-Bf</td></tr><tr><td>Black (e.g. Fe, Mn, sulphides)</td><td>Black</td></tr><tr><td>Yellow (e.g. Pb, U, Fe, Mo, REE)</td><td>Yellow</td></tr><tr><td>Green (Cu, Ni, U, Mo, As, Fe)</td><td>Green</td></tr><tr><td>Bluish (Zn, P)</td><td>Blue</td></tr><tr><td>Pink (Co, As)</td><td>Pink</td></tr></table>	None	-	Red, brown (eg. Fe)	Rd-Bn	White, buff (eg. CO ₃ , Zn)	Wh-Bf	Black (e.g. Fe, Mn, sulphides)	Black	Yellow (e.g. Pb, U, Fe, Mo, REE)	Yellow	Green (Cu, Ni, U, Mo, As, Fe)	Green	Bluish (Zn, P)	Blue	Pink (Co, As)	Pink					
None	-																					
Red, brown (eg. Fe)	Rd-Bn																					
White, buff (eg. CO ₃ , Zn)	Wh-Bf																					
Black (e.g. Fe, Mn, sulphides)	Black																					
Yellow (e.g. Pb, U, Fe, Mo, REE)	Yellow																					
Green (Cu, Ni, U, Mo, As, Fe)	Green																					
Bluish (Zn, P)	Blue																					
Pink (Co, As)	Pink																					
STREAM PHYSIOG	<p>General physiography of the drainage basin:</p> <table><tr><td>Plain</td><td>Plain</td></tr><tr><td>Muskeg, swampland</td><td>Swamp</td></tr><tr><td>Penplain, plateau</td><td>Penpln</td></tr><tr><td>Hilly, undulating</td><td>Hill</td></tr><tr><td>Mountainous, mature</td><td>Moun/M</td></tr><tr><td>Mountainous, youthful (precipitous)</td><td>Moun/Y</td></tr></table>	Plain	Plain	Muskeg, swampland	Swamp	Penplain, plateau	Penpln	Hilly, undulating	Hill	Mountainous, mature	Moun/M	Mountainous, youthful (precipitous)	Moun/Y									
Plain	Plain																					
Muskeg, swampland	Swamp																					
Penplain, plateau	Penpln																					
Hilly, undulating	Hill																					
Mountainous, mature	Moun/M																					
Mountainous, youthful (precipitous)	Moun/Y																					
STREAM DRAINAGE	<p>Drainage pattern:</p> <table><tr><td>Poorly defined, haphazard</td><td>Poor</td></tr><tr><td>Dendritic</td><td>Dendrc</td></tr><tr><td>Herringbone</td><td>Herrbn</td></tr><tr><td>Rectangular</td><td>Rectln</td></tr><tr><td>Trellis</td><td>Trellis</td></tr><tr><td>Discontinuous shield type (chains of lakes)</td><td>Discnt</td></tr><tr><td>Basinal</td><td>Closed</td></tr><tr><td>Others</td><td>Other</td></tr></table>	Poorly defined, haphazard	Poor	Dendritic	Dendrc	Herringbone	Herrbn	Rectangular	Rectln	Trellis	Trellis	Discontinuous shield type (chains of lakes)	Discnt	Basinal	Closed	Others	Other					
Poorly defined, haphazard	Poor																					
Dendritic	Dendrc																					
Herringbone	Herrbn																					
Rectangular	Rectln																					
Trellis	Trellis																					
Discontinuous shield type (chains of lakes)	Discnt																					
Basinal	Closed																					
Others	Other																					
STREAM TYPE	<p>Stream type:</p> <table><tr><td>Undefined</td><td>Undfnd</td></tr><tr><td>Permanent, continuous</td><td>Permnt</td></tr><tr><td>Intermittent, seasonal</td><td>Intermit</td></tr><tr><td>Re-emergent, discontinuous</td><td>Re-emerg</td></tr></table>	Undefined	Undfnd	Permanent, continuous	Permnt	Intermittent, seasonal	Intermit	Re-emergent, discontinuous	Re-emerg													
Undefined	Undfnd																					
Permanent, continuous	Permnt																					
Intermittent, seasonal	Intermit																					
Re-emergent, discontinuous	Re-emerg																					
STREAM CLASS	<p>Classification based on proximity to source:</p> <table><tr><td>Undefined</td><td>Undfnd</td></tr><tr><td>Primary</td><td>Pri'ary</td></tr><tr><td>Secondary</td><td>Sec'ary</td></tr><tr><td>Tertiary</td><td>Ter'ary</td></tr><tr><td>Quaternary</td><td>Qua'ary</td></tr></table>	Undefined	Undfnd	Primary	Pri'ary	Secondary	Sec'ary	Tertiary	Ter'ary	Quaternary	Qua'ary											
Undefined	Undfnd																					
Primary	Pri'ary																					
Secondary	Sec'ary																					
Tertiary	Ter'ary																					
Quaternary	Qua'ary																					
STREAM SOURCE	<p>Source of water:</p> <table><tr><td>Unknown</td><td>Unknown</td></tr><tr><td>Groundwater</td><td>Ground</td></tr><tr><td>Snow melt or spring run-off</td><td>Sp'gMelt</td></tr><tr><td>Recent precipitation</td><td>RecRain</td></tr><tr><td>Ice-cap or glacier meltwater</td><td>Glacier</td></tr></table>	Unknown	Unknown	Groundwater	Ground	Snow melt or spring run-off	Sp'gMelt	Recent precipitation	RecRain	Ice-cap or glacier meltwater	Glacier											
Unknown	Unknown																					
Groundwater	Ground																					
Snow melt or spring run-off	Sp'gMelt																					
Recent precipitation	RecRain																					
Ice-cap or glacier meltwater	Glacier																					

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

Map	Sample ID	Rep Stat	Zone	Easting	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Sample Comp	Bottom	Bank	Stream Type	Drainage Pattern	Stream Class	Water Source
021J	921002	00	19	679479	5188076	Of 15		Sed/Water	24	3	-	Till	Clear	Fast	Brown	121	-	-	Permmt	Dendrc	Ter'ary	Ground
021J	921003	00	19	678073	5191740	Dm 25		Sed/Water	15	4	-	Bare Rk	Clear	Modert	Brown	130	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921004	00	19	679146	5192293	Df2 25		Sed/Water	10	2	-	Till	Clear	Slow	Brown	121	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921005	10	19	679617	5191900	Df2 25		Sed/Water	10	2	-	Till	Clear	Slow	Brown	221	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921007	20	19	679617	5191900	Df2 25		Sed/Water	10	2	-	Till	Clear	Slow	Brown	221	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921008	00	19	683550	5203321	Of 15		Sed/Water	34	3	-	Alluv	Clear	Modert	Bf-Bn	112	-	-	Permmt	Poor	Pri'ary	Ground
021J	921009	00	19	680564	5203845	Cos 14		Sed/Water	30	4	-	Till	Clear	Modert	Gy-Blu	112	-	-	Permmt	Poor	Pri'ary	Ground
021J	921010	00	19	677675	5206427	Cop 14		Sed/Water	62	4	-	Till	Clear	Fast	Brown	021	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921011	00	19	676534	5206144	Df4 25		Sed/Water	12	1	Possible	Till	Clear	Modert	Gy-Blu	220	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921012	00	19	676367	5206346	Df4 25		Sed/Water	6	1	-	Till	Clear	Modert	Gy-Blu	220	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921013	00	19	672999	5207109	Cop 14		Sed/Water	14	1	Forestry	Till	Clear	Modert	Gy-Blu	220	-	-	Re'emerg	Dendrc	Pri'ary	Ground
021J	921014	00	19	672670	5204645	Of 15		Sed/Water	5	1	Forestry	Till	Clear	Slow	Bf-Bn	220	-	-	Re'emerg	Dendrc	Pri'ary	Ground
021J	921015	00	19	671383	5205404	Df4 25		Sed/Water	14	2	-	Till	Clear	Fast	Brown	031	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921016	00	19	673438	5205468	Df4 25		Sed/Water	41	3	-	Till	Clear	Modert	Gy-Blu	121	-	-	Permmt	Dendrc	Sec'ary	Ground
021J	921017	00	19	680085	5206799	Df3 25		Sed/Water	11	1	-	Till	Clear	Slow	Gy-Blu	211	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921018	00	19	679748	5205824	Df3 25		Sed/Water	99	4	-	Till	Clear	Fast	Gy-Blu	211	-	-	Permmt	Dendrc	Sec'ary	Ground
021J	921019	00	19	678404	5206185	Cop 14		Sed/Water	52	1	-	Till	Clear	Fast	Bf-Bn	220	-	-	Permmt	Dendrc	Ter'ary	Ground
021J	921020	00	19	687936	5203711	Df3 25		Sed/Water	12	2	-	Till	Clear	Modert	Gy-Blu	211	-	-	Permmt	Dendrc	Ter'ary	Ground
021J	921022	10	19	680274	5207083	Cop 14		Sed/Water	11	1	-	Till	Clear	Modert	Gy-Blu	210	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921023	20	19	680274	5207083	Cop 14		Sed/Water	11	1	-	Till	Clear	Modert	Gy-Blu	210	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921024	00	19	688635	5206271	Df3 25		Sed/Water	31	3	-	Till	Clear	Fast	Gy-Blu	210	-	-	Permmt	Dendrc	Sec'ary	Ground
021J	921025	00	19	689615	5205785	Df3 25		Sed/Water	6	1	-	Till	Clear	Modert	Gy-Blu	211	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921026	00	19	686722	5205258	Df3 25		Sed/Water	21	2	Forestry	Till	Clear	Modert	Gy-Blu	211	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921027	00	19	687125	5206561	Df3 25		Sed/Water	12	1	Forestry	Till	Clear	Slow	Gy-Blu	121	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921028	00	19	685848	5207050	Df3 25		Sed/Water	85	1	-	Till	Clear	Modert	Bf-Bn	121	-	-	Permmt	Dendrc	Sec'ary	Ground
021J	921029	00	19	683922	5207294	Df3 25		Sed/Water	11	1	-	Till	Clear	Modert	Gy-Blu	121	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921030	00	19	683609	5207429	Df3 25		Sed/Water	21	3	-	Till	Clear	Modert	Gy-Blu	121	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921032	00	19	683885	5205836	Df3 25		Sed/Water	7	1	Forestry	Till	Clear	Slow	Gy-Blu	120	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921033	00	19	685481	5203944	Df3 25		Sed/Water	3	1	-	Till	Clear	Modert	Gy-Blu	121	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921034	00	19	688606	5204764	Df3 25		Sed/Water	6	1	-	Till	Clear	Modert	Gy-Blu	121	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	921035	00	19	689755	5202356	Cos 14		Sed/Water	10	1	Forestry	Till	Clear	Modert	Gy-Blu	120	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	922002	00	19	683889	5198714	Cos 14		Sed/Water	2	2	-	Till	Clear	Slow	Brown	031	Yellow	-	Permmt	Dendrc	Pri'ary	Ground
021J	922003	00	19	683389	5199121	Cos 14		Sed/Water	20	3	-	Till	Clear	Fast	Brown	121	-	-	Permmt	Dendrc	Sec'ary	Ground
021J	922004	00	19	687123	5202883	Cos 14		Sed/Water	20	5	Possible	Till	Clear	Slow	Brown	211	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	922005	00	19	682886	5195006	Cos 14		Sed/Water	10	2	Possible	Till	Clear	Slow	Brown	031	Black	-	Permmt	Dendrc	Pri'ary	Ground
021J	922006	00	19	676527	5201572	Df3 25		Sed/Water	150	7	Possible	Till	Clear	Fast	Brown	031	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	922008	00	19	679065	5201123	Df3 25		Sed/Water	10	3	-	Till	Clear	Slow	Brown	220	-	-	Permmt	Poor	Pri'ary	Ground
021J	922009	00	19	677822	5199003	Cop 14		Sed/Water	10	4	Possible	Till	Clear	Modert	Brown	121	-	-	Permmt	Dendrc	Pri'ary	Ground
021J	922010	00	19	679936	5199117	Cos 14		Sed/Water	10	2	-	Till	Clear	Slow	Brown	031	Green	-	Permmt	Dendrc	Pri'ary	Ground
021J	922011	10	19	688295	5198958	Cos 14		Sed/Water	100	4	-	Till	Clear	Fast	Brown	121	-	-	Permmt	Dendrc	Ter'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	Auwt g - -	As ppm 0.5 INAA	Ba ppm 50 INAA	Br ppm 0.5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Co ppm 5 INAA	Cr ppm 20 INAA	Cs ppm 0.5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct 0.2 INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm 0.2 INAA	Mn ppm 5 AAS
021J 921002 00	0.2	<	22.49	1.0	190	18.0	0.5	60	7.0	20	47	4.2	9.0	4	310.0	2.1	7.0	26	120.0	26	17.3	1.4	850.0
021J 921003 00	0.2	<	13.02	5.3	<120	71.6	1.7	51	15.0	27	42	3.1	11.0	1	150.0	2.6	2.6	<	350.0	23	44.7	<	6610.0
021J 921004 00	0.2	3	25.64	6.3	220	63.0	0.8	88	11.0	21	75	9.5	11.0	<	310.0	3.9	5.2	7	120.0	39	27.5	.8	2620.0
021J 921005 10	0.2	3	13.16	1.0	240	17.0	0.4	47	12.0	16	45	6.9	8.0	<	210.0	1.1	1.7	4	110.0	22	22.4	.4	1040.0
021J 921007 20	0.2	3	14.40	1.3	210	21.0	0.5	52	9.0	13	41	6.6	8.0	<	270.0	1.2	1.9	4	130.0	23	25.9	.4	1010.0
021J 921008 00	<	2	10.07	2.3	170	23.0	0.7	40	3.0	<	21	2.5	12.0	<	200.0	0.5	1.0	3	130.0	19	45.9	.2	115.0
021J 921009 00	0.2	2	5.73	1.7	50	20.0	0.7	41	4.0	<	<	1.8	10.0	<	220.0	0.5	1.1	2	110.0	31	47.4	.4	138.0
021J 921010 00	0.5	<	13.09	7.3	<100	51.8	5.9	50	12.0	15	<	4.1	13.0	1	210.0	2.1	2.3	<	490.0	36	46.6	<	5280.0
021J 921011 00	<	<	24.80	3.4	250	13.0	0.5	100	8.0	14	59	11.0	12.0	1	370.0	1.6	2.9	10	70.0	53	18.3	.7	970.0
021J 921012 00	0.3	3	10.98	1.3	<130	31.0	1.2	52	2.0	<	<	5.6	14.0	<	320.0	0.65	1.3	6	130.0	39	54.3	.8	255.0
021J 921013 00	<	<	31.85	2.9	510	7.9	0.3	110	6.0	5	32	7.8	8.0	2	300.0	1.4	2.5	13	50.0	42	9.8	.9	317.0
021J 921014 00	0.3	<	25.12	16.0	320	35.0	0.5	80	11.0	12	50	26.0	10.0	1	410.0	3.8	5.3	5	130.0	42	22.4	.9	1740.0
021J 921015 00	0.2	8	14.57	6.0	<100	45.0	2.0	55	32.0	49	<	15.0	11.0	<	240.0	3.9	3.7	1	540.0	21	53.1	<	17000.0
021J 921016 00	0.2	4	11.57	4.2	<160	22.0	1.7	70	7.0	10	30	11.0	8.0	1	290.0	1.6	1.9	4	160.0	37	37.0	.2	1410.0
021J 921017 00	<	<	24.92	1.1	450	5.2	0.3	120	5.0	11	43	6.5	9.0	3	360.0	0.9	1.9	24	20.0	65	13.0	1.0	157.0
021J 921018 00	0.2	<	22.22	4.7	250	16.0	1.6	90	6.0	12	28	4.0	8.0	1	250.0	1.5	2.3	17	80.0	45	20.0	.8	990.0
021J 921019 00	0.3	<	19.48	9.3	65	18.0	1.1	90	8.0	12	45	5.2	9.0	2	290.0	2.2	3.2	8	70.0	49	11.5	.7	444.0
021J 921020 00	<	<	28.95	1.9	480	4.5	0.3	59	3.0	<	<	5.0	3.0	<	130.0	0.25	.7	13	10.0	29	6.4	.8	53.0
021J 921022 10	<	<	29.43	.8	680	7.1	0.2	89	4.0	6	24	3.8	5.0	2	260.0	0.65	1.7	44	10.0	39	6.3	1.1	149.0
021J 921023 20	<	<	30.38	.9	730	3.6	0.2	96	5.0	6	33	4.0	5.0	2	250.0	0.6	1.7	43	20.0	42	4.6	1.3	118.0
021J 921024 00	0.2	<	18.63	1.9	250	19.0	0.9	63	4.0	6	35	2.6	6.0	1	250.0	0.8	1.2	10	70.0	32	23.7	.6	311.0
021J 921025 00	<	2	27.09	1.7	290	14.0	0.3	74	7.0	18	39	3.3	6.0	<	200.0	1.6	3.8	26	50.0	34	12.2	1.0	471.0
021J 921026 00	0.2	<	29.22	2.6	340	12.0	0.5	82	8.0	12	43	3.5	7.0	<	300.0	1.1	2.7	24	60.0	38	14.7	.9	268.0
021J 921027 00	0.2	<	19.84	3.2	190	14.0	0.6	55	6.0	7	26	2.7	9.0	1	200.0	1.4	2.2	10	90.0	26	32.8	.6	375.0
021J 921028 00	0.2	<	24.68	3.8	320	11.0	0.6	69	3.0	8	33	2.4	4.0	2	220.0	0.65	1.9	17	50.0	38	14.4	1.0	201.0
021J 921029 00	0.2	<	13.92	3.8	200	33.0	1.1	160	18.0	28	36	3.7	9.0	1	270.0	3.6	3.8	18	120.0	78	30.2	1.7	4960.0
021J 921030 00	0.2	<	13.72	.8	240	26.0	0.7	120	5.0	8	27	2.7	7.0	1	190.0	0.7	1.8	18	70.0	59	22.4	.9	387.0
021J 921032 00	0.2	<	26.60	5.8	480	14.0	0.4	85	12.0	21	58	15.0	8.0	2	330.0	2.6	4.1	10	90.0	38	16.3	.8	1630.0
021J 921033 00	<	<	24.32	12.0	400	14.0	0.3	68	4.0	5	22	2.5	5.0	1	170.0	3.0	3.3	8	80.0	25	25.8	.6	2410.0
021J 921034 00	0.2	<	20.13	5.6	220	32.0	0.3	41	6.0	18	26	3.4	8.0	<	210.0	1.3	2.9	8	110.0	18	32.5	.7	1170.0
021J 921035 00	<	<	20.17	1.4	340	13.0	0.4	41	5.0	8	26	4.3	7.0	1	180.0	0.55	1.0	4	80.0	20	50.9	.5	259.0
021J 922002 00	0.2	<	17.62	1.4	260	28.0	0.8	59	4.0	8	38	3.6	13.0	1	250.0	0.6	1.4	4	230.0	30	52.0	.6	860.0
021J 922003 00	<	<	23.67	4.2	330	18.0	0.6	59	16.0	30	56	4.3	9.0	1	210.0	2.6	3.7	7	130.0	28	22.0	.7	1740.0
021J 922004 00	<	<	26.75	1.8	430	4.4	0.2	59	3.0	<	31	4.4	7.0	1	220.0	0.65	1.3	10	50.0	30	14.8	.8	118.0
021J 922005 00	<	<	28.05	3.0	460	17.0	0.3	69	10.0	18	63	5.4	7.0	2	250.0	1.4	3.4	17	70.0	32	13.3	.9	110.0
021J 922006 00	<	<	13.23	4.2	94	25.0	1.1	49	4.0	11	21	3.3	13.0	1	200.0	1.5	1.9	2	150.0	29	40.2	.5	622.0
021J 922008 00	<	2	27.41	4.4	390	10.0	0.5	99	5.0	11	62	4.0	13.0	<	320.0	1.3	2.8	11	110.0	57	23.0	.9	546.0
021J 922009 00	0.7	<	21.05	7.3	120	33.0	1.1	220	11.0	24	57	4.1	15.0	3	340.0	2.2	3.3	2	310.0	84	57.1	1.0	3960.0
021J 922010 00	0.2	<	15.19	2.8	190	27.0	1.1	70	10.0	12	44	4.6	21.0	3	300.0	0.8	1.7	2	320.0	39	62.5	.7	940.0
021J 922011 10	<	<	16.90	3.8	220	18.0	0.6	51	11.0	17	27	4.1	10.0	1	190.0	2.4	3.4	5	180.0	22	26.5	.5	1280.0

Variable: Units: Detection Limit: Analytical Method:	Mo		Na		Ni		Pb		Rb		Sb		Sc		Sm		Sn		Ta		Tb		Th		U		V		W		Yb		Zn		pH		F.W		U.W		
	ppm		pct		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppb		ppb		ppb		
	2		.02		10		2		5		.1		.2		.1		1.0		.5		.5		.2		.2		5		1		1		2		GCM		ISE		LIF		
	AAS	INAA	INAA	AAS	AAS	INAA	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	SX-AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	AAS								
021J 921002 00	3.0	<	2.19	9.0	<	11.0	<	57	1.4	27.2	8.0	<	2.3	1.6	6.5	7.8	42.0	7	7	119.0	6.5	60	0.07																		
021J 921003 00	3.0	2	.24	7.0	<	45.0	19	3.7	3.7	4.9	3.4	<	.5	.7	3.9	38.6	44.0	<	2	195.0	6.5	60	0.38																		
021J 921004 00	5.0	4	1.40	16.0	24	22.0	71	.7	14.0	6.5	2.0	1.3	.9	13.0	15.0	55.0	4	3	153.0	6.4	50	0.07																			
021J 921005 10	4.0	2	.83	10.0	<	16.0	48	.6	9.0	3.5	<	1.1	.6	7.2	5.0	45.0	8	2	68.0	6.5	50	<																			
021J 921007 20	3.0	3	.81	11.0	<	18.0	42	.4	8.7	3.5	<	.9	.7	6.9	5.8	47.0	8	2	87.0	6.7	50	<																			
021J 921008 00	2.0	<	1.00	7.0	12	26.0	50	1.4	6.9	3.2	<	.8	<	5.2	3.0	18.0	1	1	73.0	5.5	50	<																			
021J 921009 00	2.0	<	.60	6.0	<	55.0	26	1.1	5.9	5.9	<	.5	1.0	6.8	12.0	25.0	<	3	78.0	6.2	80	0.08																			
021J 921010 00	4.0	1	.20	8.0	<	68.0	23	.5	4.8	6.3	<	<	1.2	5.1	31.2	33.0	2	2	410.0	6.5	100	0.35																			
021J 921011 00	3.0	<	2.21	13.0	<	14.0	160	.6	14.0	9.2	2.0	2.5	1.8	15.0	42.3	29.0	<	5	99.0	6.7	130	0.5																			
021J 921012 00	3.0	<	.79	9.0	23	17.0	52	.7	7.6	8.5	<	1.2	1.5	8.6	40.3	17.0	<	4	88.0	6.6	110	0.29																			
021J 921013 00	2.0	<	2.65	7.0	<	16.0	180	.5	8.9	7.1	1.0	1.9	1.5	17.0	8.9	33.0	2	4	53.0	6.3	110	0.21																			
021J 921014 00	10.0	10	1.60	15.0	31	19.0	160	.7	16.0	7.3	<	2.5	1.4	16.0	19.0	78.0	4	5	115.0	6.4	90	0.55																			
021J 921015 00	7.0	5	.37	8.0	14	87.0	50	.6	5.3	3.4	1.0	.7	.6	5.2	32.2	43.0	2	2	189.0	6.5	110	0.08																			
021J 921016 00	4.0	2	1.10	7.0	25	28.0	100	.8	7.3	6.2	<	1.3	1.0	11.0	48.8	23.0	4	3	140.0	6.1	70	0.5																			
021J 921017 00	2.0	<	2.44	9.0	<	16.0	140	.4	15.0	9.4	1.0	2.2	1.5	20.0	17.0	27.0	3	5	45.0	6.4	90	0.15																			
021J 921018 00	3.0	<	1.80	8.0	<	32.0	89	.5	11.0	8.3	1.0	2.0	1.4	12.0	22.1	27.0	3	4	124.0	6.4	90	<																			
021J 921019 00	6.0	<	1.60	8.0	<	36.0	82	.4	12.0	11.4	<	1.6	1.7	14.0	37.3	42.0	3	5	338.0	6.6	110	0.38																			
021J 921020 00	<	<	2.75	2.0	<	8.0	160	.4	6.0	5.2	1.0	2.2	.9	11.0	3.4	9.0	2	3	13.0	6.5	70	<																			
021J 921022 10	<	<	2.62	3.0	<	12.0	110	.5	10.0	10.6	<	2.6	1.9	14.0	5.7	21.0	3	5	33.0	6.3	70	<																			
021J 921023 20	<	<	2.90	3.0	<	10.0	120	.4	11.0	10.5	<	2.6	1.9	15.0	5.2	20.0	2	6	32.0	6.3	70	<																			
021J 921024 00	2.0	<	1.60	5.0	<	17.0	69	.6	8.3	5.2	1.0	1.0	.9	11.0	6.9	20.0	4	3	59.0	6.4	80	<																			
021J 921025 00	3.0	<	2.35	6.0	15	21.0	54	.4	20.0	6.9	<	1.8	1.1	11.0	4.7	43.0	2	4	36.0	6.5	55	<																			
021J 921026 00	3.0	<	2.48	6.0	18	16.0	90	.6	18.0	7.6	<	1.3	1.4	13.0	15.0	30.0	7	5	64.0	6.6	70	<																			
021J 921027 00	4.0	2	1.70	3.0	<	27.0	59	.6	9.4	4.3	<	.9	.8	10.0	10.0	27.0	4	3	55.0	6.5	85	0.1																			
021J 921028 00	2.0	<	2.62	5.0	<	15.0	84	.5	12.0	7.2	1.0	1.9	1.4	15.0	11.0	19.0	5	5	52.0	6.6	65	<																			
021J 921029 00	12.0	10	2.10	7.0	<	35.0	69	.6	13.0	12.9	2.0	2.3	2.2	35.9	23.6	44.0	14	7	79.0	6.6	60	<																			
021J 921030 00	3.0	<	2.43	3.0	<	22.0	59	.7	11.0	9.4	1.0	1.5	1.7	26.6	15.0	24.0	6	4	44.0	6.5	60	<																			
021J 921032 00	6.0	5	1.70	14.0	<	33.0	160	.8	14.0	6.6	1.0	2.1	1.2	16.0	9.3	45.0	11	3	100.0	6.5	55	<																			
021J 921033 00	3.0	1	2.17	2.0	<	16.0	95	.8	5.9	5.7	1.0	1.3	.9	13.0	3.5	30.0	3	2	24.0	6.1	25	<																			
021J 921034 00	4.0	2	1.60	4.0	14	23.0	48	1.1	15.0	4.3	<	1.1	.8	5.5	5.1	23.0	4	3	31.0	6.1	30	<																			
021J 921035 00	2.0	<	1.60	4.0	<	12.0	130	.6	6.3	3.9	<	.9	.7	5.7	2.0	14.0	<	2	48.0	6.5	45	<																			
021J 922002 00	2.0	<	1.20	7.0	<	11.0	48	.6	9.1	4.9	1.0	.6	.9	5.1	1.8	18.0	1	2	60.0	6.6	40	<																			
021J 922003 00	<	<	1.70	11.0	20	24.0	50	.4	12.0	4.7	1.0	1.0	.8	7.3	2.7	47.0	<	3	108.0	6.5	35	<																			
021J 922004 00	<	<	2.35	4.0	<	9.0	140	.5	8.0	5.0	2.0	1.7	.8	11.0	2.9	18.0	1	2	42.0	5.8	45	<																			
021J 922005 00	<	<	1.90	8.0	20	13.0	71	.5	17.0	5.7	1.0	1.7	.9	10.0	4.4	33.0	2	4	52.0	6.3	35	<																			
021J 922006 00	2.0	<	.48	8.0	17	29.0	25	.4	7.3	5.1	2.0	<	.9	5.3	10.0	30.0	1	2	112.0	6.5	70	0.12																			
021J 922008 00	2.0	<	2.09	9.0	31	10.0	100	.4	14.0	7.7	<	1.4	1.1	11.0	3.5	26.0	3	4	61.0	6.8	80	<																			
021J 922009 00	13.0	12	.32	10.0	<	21.0	18	.5	14.0	13.7	<	.6	2.0	10.0	18.0	82.0	2	3	109.0	6.8	60	<																			
021J 922010 00	2.0	<	1.00	13.0	22	16.0	29	.6	12.0	6.8	<	.6	1.2	5.1	4.7	29.0	<	3	128.0	6.7	50	<																			
021J 922011 10	3.0	1	1.10	9.0	<	24.0	45	.5																																	

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Field Data

Map	Sample ID	Rep Stat	Zone	East	North	UTM	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Comp	Bottom Prcpt	Bank Prcpt	Stream Physlog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	922012	00	19	688295	5198958		Cos 14		Sed/Water	100	4	-	Till	Clear	Fast	Brown	121	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922013	00	19	687358	5200264		Cos 14		Sed/Water	20	2	-	Till	BnTrans	Slow	Brown	121	Black	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922014	00	19	686354	5199828		Cos 14		Sed/Water	70	4	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922015	00	19	686464	5200015		Of 15		Sed/Water	40	3	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922016	00	19	685220	5199086		Cos 14		Sed/Water	40	3	-	Till	Clear	Modert	Brown	031	-	-	Swamp	Dendrc	Permnt	Sec'ary	Ground
021J	922017	00	19	685844	5197850		Cos 14		Sed/Water	70	5	-	Till	Clear	Modert	Brown	031	Black	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922018	00	19	683601	5199032		Cos 14		Sed/Water	10	2	Possible	Till	Clear	Slow	Brown	031	-	-	Swamp	Dendrc	Permnt	Pri'ary	Ground
021J	922019	00	19	685542	5197603		Cos 14		Sed/Water	80	5	-	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922020	00	19	686186	5196600		Cos 14		Sed/Water	10	2	-	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922022	00	19	686360	5196023		Cos 14		Sed/Water	10	2	-	Till	Clear	Slow	Brown	130	Green	-	Swamp	Dendrc	Permnt	Pri'ary	Ground
021J	922023	00	19	686557	5194427		Cos 14		Sed/Water	20	3	Possible	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922024	00	19	688440	5194980		Cos 14		Sed/Water	20	3	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922025	00	19	688359	5194880		Of 15		Sed/Water	15	3	-	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922026	00	19	680974	5202052		Cos 14		Sed/Water	10	3	-	Till	Clear	Slow	Brown	031	-	-	Swamp	Poor	Permnt	Pri'ary	Ground
021J	922028	00	19	683426	5202608		Of 15		Sed/Water	10	2	-	Till	Clear	Slow	Brown	121	Green	-	Swamp	Poor	Permnt	Pri'ary	Ground
021J	922029	00	19	696139	5196139		Cos 14		Sed/Water	10	2	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922030	00	19	694226	5196051		Cos 14		Sed/Water	20	4	Possible	Till	Clear	Fast	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922031	10	19	694514	5195990		Cos 14		Sed/Water	20	4	Possible	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922032	20	19	694514	5195990		Cos 14		Sed/Water	20	4	Possible	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922033	00	19	694918	5194297		Cos 14		Sed/Water	30	5	-	Till	Clear	Fast	Brown	221	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922034	00	19	693443	5201188		Cos 14		Sed/Water	20	3	Possible	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922035	00	19	693426	5201940		Cos 14		Sed/Water	20	3	Possible	Till	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922036	00	19	691086	5196778		Cos 14		Sed/Water	10	2	-	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922037	00	19	693435	5197555		Cos 14		Sed/Water	20	2	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922038	00	19	693333	5198138		Cos 14		Sed/Water	20	2	-	Till	Clear	Slow	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922039	00	19	693121	5200008		Cos 14		Sed/Water	10	2	Possible	Till	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922040	00	19	691683	5200888		Cos 14		Sed/Water	25	4	Possible	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922042	00	19	690056	5200692		Cos 14		Sed/Water	20	4	-	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922043	00	19	695028	5194528		Cos 14		Sed/Water	30	4	Possible	Till	Clear	Modert	Brown	220	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922044	00	19	695802	5194178		Cos 14		Sed/Water	10	2	Possible	Till	Clear	Modert	Brown	130	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922045	00	19	695623	5191514		Cos 14		Sed/Water	20	3	Possible	Till	Clear	Modert	Brown	031	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922046	00	19	695854	5191055		Cos 14		Sed/Water	30	5	Burn	Till	Clear	Modert	Brown	221	Black	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922047	00	19	693551	5191127		Of 15		Sed/Water	20	3	Burn	Till	Clear	Slow	Brown	031	Black	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922048	00	19	691625	5192867		Of 15		Sed/Water	20	3	-	Till	Clear	Slow	Brown	130	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922049	00	19	691625	5192700		Of 15		Sed/Water	50	5	-	Till	Clear	Fast	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922051	00	19	691186	5193952		Of 15		Sed/Water	20	3	-	Till	Clear	Slow	Brown	031	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922052	00	19	698327	5193879		Cos 14		Sed/Water	10	2	Possible	Till	Clear	Slow	Brown	022	-	-	Swamp	Dendrc	Permnt	Pri'ary	Ground
021J	922053	00	19	698367	5196373		Cos 14		Sed/Water	20	2	Possible	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922054	00	19	697706	5197564		Cos 14		Sed/Water	30	3	Possible	Till	Clear	Modert	Bf-Bn	130	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922055	10	19	695621	5198270		Cos 14		Sed/Water	30	3	Possible	Till	Clear	Modert	Brown	221	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	Auwt g - -	As ppm .5 INAA	Ba ppm 50 INAA	Br ppm .5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Co ppm 5 INAA	Cr ppm 20 INAA	Cs ppm .5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct .2 INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm .2 INAA	Mn ppm 5 AAS
021J 922012 20	0.2	<	16.36	4.8	250	19.0	0.5	44	13.0	16	43	4.3	10.0	1	220.0	2.2	2.8	3	180.0	22	28.4	.4	1240.0
021J 922013 00	<	<	15.02	2.1	180	19.0	0.5	43	5.0	<	26	3.7	12.0	1	200.0	0.55	1.1	2	90.0	24	40.4	.5	145.0
021J 922014 00	<	<	17.55	2.5	220	19.0	0.7	46	7.0	10	42	3.0	10.0	<	200.0	1.4	2.2	5	100.0	23	30.0	.6	1010.0
021J 922015 00	<	<	15.34	2.7	190	18.0	0.5	39	10.0	17	31	3.9	10.0	<	170.0	2.2	2.5	4	90.0	20	26.7	.4	1270.0
021J 922016 00	0.2	<	13.98	1.8	190	19.0	0.8	40	6.0	7	35	3.0	10.0	<	200.0	0.65	1.1	3	80.0	21	37.0	.3	153.0
021J 922017 00	<	<	12.24	1.4	230	18.0	0.6	45	7.0	9	36	4.0	13.0	1	190.0	0.55	1.0	4	120.0	28	46.2	.5	272.0
021J 922018 00	<	<	24.98	2.1	410	13.0	0.3	57	6.0	12	52	10.0	11.0	1	290.0	1.6	3.2	8	100.0	28	22.0	.8	930.0
021J 922019 00	<	3	16.27	1.9	220	17.0	0.3	44	5.0	8	27	3.5	9.0	<	250.0	1.4	2.2	5	110.0	25	21.8	.5	257.0
021J 922020 00	<	<	19.13	1.1	300	7.4	0.3	49	5.0	<	26	3.4	7.0	1	110.0	0.35	1.3	7	90.0	22	29.1	.5	336.0
021J 922022 00	<	<	15.31	1.4	210	27.0	0.6	45	6.0	10	36	7.0	13.0	1	230.0	1.2	2.0	3	110.0	24	36.0	.5	224.0
021J 922023 00	0.2	5	15.43	3.4	260	15.0	0.7	120	26.0	46	33	3.0	16.0	2	210.0	1.3	2.0	4	230.0	53	57.1	.6	6860.0
021J 922024 00	<	4	17.88	2.4	150	29.0	1.2	80	13.0	24	31	4.4	13.0	1	290.0	1.6	2.2	2	190.0	33	47.4	.4	3030.0
021J 922025 00	0.3	<	13.88	1.8	<170	24.0	1.1	110	8.0	10	28	10.0	14.0	1	200.0	1.1	1.5	2	290.0	48	61.6	.8	1360.0
021J 922026 00	0.2	<	13.70	2.2	88	17.0	0.7	28	10.0	17	38	1.7	11.0	1	210.0	0.45	1.3	1	150.0	16	69.5	.2	83.0
021J 922028 00	0.2	<	16.53	1.9	130	44.0	0.8	33	4.0	<	27	1.4	17.0	<	220.0	0.45	.9	1	180.0	21	57.0	.4	155.0
021J 922029 00	0.3	<	14.63	12.0	220	31.0	0.7	62	24.0	40	37	7.5	14.0	2	260.0	1.5	2.2	2	150.0	35	39.0	.6	2300.0
021J 922030 00	0.2	<	12.67	4.0	110	40.0	0.7	41	13.0	20	23	2.8	12.0	1	250.0	0.85	1.2	2	160.0	21	39.9	.4	1490.0
021J 922031 10	<	<	14.67	11.0	110	34.0	1.3	73	11.0	15	31	2.8	16.0	2	250.0	0.65	1.2	1	210.0	48	51.6	.7	825.0
021J 922032 20	0.2	<	15.04	12.0	120	34.0	1.6	76	14.0	18	33	2.9	14.0	1	250.0	0.85	1.4	1	210.0	45	49.6	.7	1160.0
021J 922033 00	<	<	16.34	10.0	280	35.0	0.6	48	13.0	22	50	4.3	13.0	<	230.0	1.5	2.4	5	130.0	28	32.9	.6	1660.0
021J 922034 00	0.2	<	25.80	11.0	360	23.0	0.5	74	30.0	64	76	7.0	16.0	2	290.0	1.8	2.6	6	80.0	49	24.9	1.1	1140.0
021J 922035 00	0.2	<	29.33	5.2	410	14.0	0.4	72	11.0	21	39	6.1	7.0	2	240.0	0.8	2.0	14	70.0	36	11.4	.9	860.0
021J 922036 00	0.2	<	18.52	2.7	110	57.4	0.6	110	6.0	6	39	3.2	22.0	3	320.0	0.7	1.5	3	120.0	59	54.7	1.1	233.0
021J 922037 00	0.2	<	14.28	1.6	96	23.0	0.5	29	4.0	<	25	2.9	12.0	<	380.0	0.45	.7	1	150.0	20	62.0	.3	58.0
021J 922038 00	0.3	<	26.94	3.0	380	11.0	0.2	78	11.0	19	60	8.6	11.0	1	230.0	1.3	2.6	10	80.0	42	18.5	.9	220.0
021J 922039 00	0.2	<	19.91	5.1	290	39.0	0.5	83	18.0	40	44	5.9	16.0	2	320.0	1.6	2.4	6	80.0	55	35.3	1.1	603.0
021J 922040 00	0.2	<	15.07	8.8	110	27.0	0.7	49	7.0	10	<	3.1	12.0	3	210.0	0.6	1.0	2	160.0	43	46.1	.8	950.0
021J 922042 00	<	<	12.17	2.3	67	22.0	0.7	33	6.0	<	20	.7	10.0	2	160.0	0.45	.6	<	180.0	41	63.0	.5	156.0
021J 922043 00	<	<	25.18	7.9	380	14.0	0.3	59	9.0	12	37	4.4	8.0	1	200.0	0.85	2.2	8	40.0	28	13.1	.6	508.0
021J 922044 00	<	<	24.92	33.0	420	13.0	0.3	59	10.0	14	52	7.7	8.0	1	250.0	1.9	3.3	9	50.0	36	13.6	.7	362.0
021J 922045 00	0.2	<	22.04	7.2	360	17.0	0.6	62	16.0	27	47	5.1	10.0	2	230.0	1.5	2.6	8	70.0	29	24.0	.8	1730.0
021J 922046 00	0.2	<	14.89	1.3	78	20.0	0.7	51	4.0	7	35	4.6	11.0	1	250.0	0.9	1.2	3	120.0	30	30.4	.7	431.0
021J 922047 00	<	<	14.69	1.9	<	22.0	1.2	49	4.0	5	32	4.2	13.0	1	220.0	0.6	1.2	2	170.0	30	44.8	.7	397.0
021J 922048 00	<	<	18.60	2.0	250	10.0	0.7	58	7.0	11	46	6.8	8.0	1	250.0	1.0	2.2	6	90.0	32	25.9	.7	314.0
021J 922049 00	0.2	<	18.90	5.1	230	21.0	1.3	55	10.0	18	49	8.7	11.0	1	270.0	1.3	2.1	4	150.0	30	42.7	.7	1610.0
021J 922051 00	0.2	2	20.06	4.1	260	22.0	1.1	48	8.0	12	33	9.4	11.0	<	300.0	1.0	1.9	6	150.0	31	39.6	.7	1290.0
021J 922052 00	0.2	<	24.72	6.9	390	11.0	0.5	54	7.0	11	44	5.7	12.0	1	270.0	0.8	1.8	6	140.0	37	32.8	.8	441.0
021J 922053 00	0.2	<	22.11	41.0	420	12.0	0.5	64	19.0	27	60	8.0	12.0	1	310.0	1.7	3.1	7	80.0	32	18.2	.7	568.0
021J 922054 00	0.2	<	18.13	4.8	460	4.4	0.2	44	10.0	10	24	4.8	10.0	<	280.0	1.1	2.0	5	10.0	22	4.0	.5	205.0
021J 922055 10	<	<	27.05	11.0	420	17.0	0.6	60	30.0	48	59	7.5	17.0	2	280.0	3.5	4.0	7	40.0	35	18.3	.7	418.0

Map	Sample ID	Rep Stat	Zone	East	North	UTM	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Comp	Bottom	Bank	Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	922056	20	19	695621	5198270		Cos 14		Sed/Water	30	3	Possible	Till	Clear	Modert	Brown	221	Green	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922057	00	19	690349	5197302		Cos 14		Sed/Water	100	5	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922058	00	19	693059	5195229		Cos 14		Sed/Water	15	2	-	Till	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922059	00	19	699716	5191886		Cos 14		Sed/Water	10	2	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922060	00	19	699771	5191839		Cos 14		Sed/Water	20	2	Possible	Till	Clear	Modert	Brown	310	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922062	00	19	690295	5194840		Cos 14		Sed/Water	20	2	Possible	Till	Clear	Slow	Bf-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922063	00	19	697322	5190763		Of 15		Sed/Water	8	1	-	Bare Rk	Clear	Modert	Brown	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922064	00	19	697345	5191096		Of 15		Sed/Water	150	3	Possible	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922065	00	19	697454	5193190		Cos 14		Sed/Water	10	1	Possible	Till	Clear	Slow	Brown	013	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922066	00	19	702010	5191731		Cos 14		Sed/Water	40	5	Possible	Till	Clear	Slow	Brown	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922067	10	19	698196	5192706		Cos 14		Sed/Water	7	1	Possible	Till	Clear	Slow	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922068	20	19	698196	5192706		Cos 14		Sed/Water	7	1	Possible	Till	Clear	Slow	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922069	00	19	697466	5192280		Cos 14		Sed/Water	32	2	Possible	Till	Clear	Slow	Brown	131	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922070	00	19	702804	5190565		Cos 14		Sed/Water	50	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922071	00	19	703430	5191697		Cos 14		Sed/Water	45	10	Possible	Till	Clear	Stagnt	Brown	031	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922073	00	19	704115	5190332		Cos 14		Sed/Water	7	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922074	00	19	704102	5189391		Cos 14		Sed/Water	12	1	Possible	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922075	00	19	703793	5196493		Cos 14		Sed/Water	8	1	Probable	Till	Clear	Modert	Brown	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922076	00	19	703058	5197379		Ofv 15		Sed/Water	40	1	Possible	Bare Rk	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922077	00	19	702260	5197274		Ofv 15		Sed/Water	40	3	Probable	Bare Rk	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922078	00	19	705022	5197208		Ofv 15		Sed/Water	2	1	Possible	Organic	BnTrans	Stagnt	Brown	031	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922079	00	19	704009	5197014		Ofv 15		Sed/Water	12	1	Possible	Till	Clear	Slow	Brown	031	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922080	00	19	703411	5194273		Cos 14		Sed/Water	21	2	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922082	00	19	700877	5195761		Cos 14		Sed/Water	8	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922083	00	19	701160	5195547		Cos 14		Sed/Water	15	1	Possible	Till	Clear	Slow	Brown	220	-	-	Swamp	Dendrc	Permnt	Pri'ary	Ground
021J	922084	00	19	701952	5195746		Cos 14		Sed/Water	40	3	Probable	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922085	00	19	700821	5196169		Cos 14		Sed/Water	6	1	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922086	00	19	699573	5198560		Cos 14		Sed/Water	12	1	-	Bare Rk	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922087	00	19	699492	5198676		Om 15		Sed/Water	10	1	Possible	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922088	00	19	696137	5199453		Cos 14		Sed/Water	23	1	-	Till	Clear	Modert	Brown	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922089	00	19	702115	5194115		Cos 14		Sed/Water	30	1	-	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922091	00	19	697142	5201810		Ofv 15		Sed/Water	50	2	Possible	Till	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922092	10	19	696619	5201321		Cos 14		Sed/Water	20	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922093	20	19	696619	5201321		Cos 14		Sed/Water	20	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922094	00	19	696545	5201490		Cos 14		Sed/Water	50	4	Possible	Bare Rk	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922095	00	19	695186	5204765		Cos 14		Sed/Water	12	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922096	00	19	698744	5205588		Cos 14		Sed/Water	25	2	Probable	Till	Clear	Fast	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922097	00	19	698376	5206834		Cos 14		Sed/Water	40	2	Possible	Till	Clear	Fast	Brown	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922098	00	19	698502	5207028		Cos 14		Sed/Water	180	4	Possible	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Qua'ary	Ground
021J	922099	00	19	696679	5208123		Cos 14		Sed/Water	70	2	Possible	Till	Clear	Slow	Brown	131	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J

Analytical Data

Variables: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	Au g - -	As ppm 5 INAA	Ba ppm 50 INAA	Br ppm 0.5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Co ppm 5 INAA	Cr ppm 20 INAA	Cs ppm 0.5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct 0.2 INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm 0.2 INAA	Mn ppm 5 AAS
021J 922056 20	<	<	19.13	1.7	220	29.0	1.4	51	21.0	28	<	3.2	16.0	1	230.0	0.55	1.2	2	120.0	36	47.6	.8	533.0
021J 922057 00	<	<	18.48	5.7	260	19.0	0.4	55	7.0	12	51	5.0	9.0	2	240.0	1.9	3.1	6	80.0	29	21.5	.6	472.0
021J 922058 00	0.2	3	28.87	4.8	470	32.0	0.5	82	9.0	17	49	5.7	9.0	<	240.0	1.3	3.2	13	50.0	38	14.4	1.0	727.0
021J 922059 00	<	<	16.32	7.5	170	32.0	1.6	48	10.0	12	21	1.8	12.0	1	210.0	0.75	1.5	2	80.0	29	51.8	.6	360.0
021J 922060 00	<	<	21.12	4.7	500	23.0	0.2	81	10.0	16	59	5.4	10.0	1	240.0	1.5	3.0	12	50.0	41	14.3	.9	820.0
021J 922062 00	0.2	<	26.29	3.6	520	14.0	<	57	24.0	39	90	21.0	13.0	1	440.0	3.8	6.6	7	60.0	32	16.2	.7	734.0
021J 922063 00	0.2	<	18.81	3.3	<130	49.0	1.8	100	9.0	10	41	6.2	11.0	3	260.0	1.2	2.0	4	150.0	57	46.3	1.4	679.0
021J 922064 00	<	<	17.44	18.0	180	31.0	0.6	100	23.0	27	56	7.5	10.0	2	370.0	5.6	6.5	7	70.0	36	18.1	.7	4510.0
021J 922065 00	0.2	<	17.07	136.0	<	41.0	0.6	220	7.0	12	61	4.1	36.0	7	240.0	1.0	1.9	2	180.0	170	68.9	1.7	114.0
021J 922066 00	0.2	<	18.31	2.9	260	10.0	0.6	44	6.0	5	35	1.7	10.0	2	140.0	0.4	1.1	5	60.0	25	33.3	.5	158.0
021J 922067 10	<	<	37.43	5.5	580	7.9	0.2	84	9.0	13	66	5.6	11.0	1	240.0	1.1	2.7	8	20.0	39	6.3	.8	180.0
021J 922068 20	<	<	28.12	6.0	510	18.0	0.3	92	10.0	12	50	5.8	13.0	2	280.0	1.7	3.1	9	40.0	47	11.5	.9	571.0
021J 922069 00	<	<	21.61	11.0	360	15.0	0.9	75	10.0	16	45	4.3	14.0	1	240.0	1.5	2.1	7	80.0	40	30.2	.7	583.0
021J 922070 00	<	<	14.98	10.0	180	42.0	1.1	41	9.0	14	34	3.6	12.0	<	180.0	1.1	1.6	3	180.0	21	45.4	.4	643.0
021J 922071 00	<	<	11.46	2.1	80	46.0	0.5	37	3.0	<	22	.8	16.0	4	190.0	0.35	.5	<	130.0	59	67.4	1.1	56.0
021J 922073 00	0.2	<	18.53	19.0	340	113.0	1.0	66	13.0	19	32	6.8	19.0	2	390.0	2.1	3.1	3	140.0	32	45.7	.8	1280.0
021J 922074 00	0.2	<	25.52	21.0	330	17.0	0.3	65	25.0	38	33	5.3	7.0	1	170.0	2.7	3.7	8	160.0	30	22.4	.4	1700.0
021J 922075 00	0.3	<	27.33	18.0	470	21.0	0.9	65	16.0	21	55	8.3	11.0	1	220.0	1.8	3.0	8	50.0	47	14.4	.6	677.0
021J 922076 00	0.2	<	29.81	107.0	470	40.0	0.5	130	18.0	28	70	6.5	9.0	2	240.0	2.2	3.7	10	60.0	54	12.9	.9	1450.0
021J 922077 00	<	<	30.01	33.0	460	19.0	0.3	82	13.0	14	52	6.1	9.0	2	210.0	1.6	3.0	13	40.0	38	10.1	.8	591.0
021J 922078 00	<	2	25.06	5.0	540	4.2	<	42	2.0	<	48	4.5	5.0	<	260.0	0.65	1.5	10	40.0	19	15.3	.7	74.0
021J 922079 00	<	<	22.06	8.1	360	19.0	0.8	60	14.0	25	26	4.7	9.0	1	180.0	1.1	1.5	5	130.0	44	26.2	.7	417.0
021J 922080 00	<	<	29.08	10.0	460	26.0	0.2	83	15.0	20	50	6.2	11.0	2	210.0	1.6	3.4	11	60.0	40	10.6	.9	900.0
021J 922082 00	<	<	27.67	16.0	430	12.0	0.2	60	10.0	15	57	5.9	7.0	1	210.0	1.2	2.6	10	70.0	32	13.6	.7	638.0
021J 922083 00	<	<	28.36	12.0	430	5.9	0.3	66	11.0	14	56	4.6	7.0	<	220.0	1.1	2.1	13	50.0	32	9.7	.8	315.0
021J 922084 00	0.2	<	29.55	7.3	470	5.9	0.2	69	8.0	10	49	5.9	10.0	<	320.0	1.6	3.0	8	60.0	33	10.5	.6	214.0
021J 922085 00	0.2	<	26.57	16.0	460	19.0	0.6	66	11.0	14	46	7.5	8.0	1	290.0	1.4	2.5	7	70.0	34	14.8	.7	1020.0
021J 922086 00	0.2	<	28.68	106.0	430	67.7	1.1	170	51.0	75	82	11.0	24.0	3	310.0	5.3	7.6	9	80.0	100	17.8	1.4	5000.0
021J 922087 00	0.4	<	22.20	76.3	370	69.3	1.1	180	21.0	34	66	8.8	25.0	5	350.0	2.3	3.2	5	100.0	84	27.4	1.6	2620.0
021J 922088 00	0.2	<	22.78	18.0	320	32.0	1.1	73	23.0	39	39	6.6	21.0	2	300.0	2.4	3.0	5	90.0	46	28.7	.8	820.0
021J 922089 00	<	<	26.58	24.0	460	15.0	0.4	78	14.0	21	42	7.3	8.0	1	310.0	1.8	3.3	8	50.0	37	13.2	.7	1300.0
021J 922091 00	<	<	26.98	15.0	350	17.0	0.4	72	14.0	21	42	3.9	8.0	2	300.0	2.0	3.0	8	50.0	36	15.8	.8	585.0
021J 922092 10	0.8	<	26.33	129.0	380	55.0	0.4	76	27.0	58	72	14.0	17.0	1	400.0	2.0	3.7	5	140.0	44	27.7	.9	780.0
021J 922093 20	0.7	<	25.95	186.0	340	57.9	0.4	76	31.0	61	57	12.0	17.0	2	380.0	2.4	4.0	6	120.0	49	28.0	1.0	1250.0
021J 922094 00	<	<	21.28	12.0	210	35.0	0.6	77	9.0	15	35	4.0	13.0	1	210.0	1.3	2.0	6	120.0	48	25.8	.9	672.0
021J 922095 00	0.3	<	23.22	23.0	<280	55.1	0.7	120	5.0	7	39	19.0	10.0	2	520.0	1.4	2.9	2	140.0	41	36.5	.6	685.0
021J 922096 00	0.2	<	30.76	17.0	380	28.0	0.4	85	46.0	69	67	5.1	10.0	1	240.0	2.1	3.6	12	50.0	38	12.7	.8	1640.0
021J 922097 00	<	<	24.41	18.0	330	21.0	0.3	81	38.0	57	27	3.8	7.0	<	180.0	1.6	2.6	12	60.0	36	14.9	.9	1130.0
021J 922098 00	<	<	27.16	3.3	380	12.0	0.2	72	3.0	5	29	3.3	6.0	2	210.0	0.75	1.7	22	30.0	46	13.3	1.2	122.0
021J 922099 00	0.2	<	21.96	4.4	320	10.0	0.3	60	13.0	22	<	2.4	8.0	1	180.0	0.85	1.7	15	50.0	35	20.9	.9	271.0

Variable:		Analytical Data																pH		F.W		U.W		
Units:																		ppm		ppb		ppb		
Detection Limit:																		1		20		0.05		
Analytical Method:																		INAA		ISE		LIF		
Mo	Na	Ni	Ni	Pb	Rb	Sb	Sc	Sm	Sn	Ta	Tb	Th	U	V	W	Yb	Zn	pH						
ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm							
AAS	INAA	AAS	AAS	AAS	INAA	INAA	INAA	INAA	SX-AAS	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM						
021J	922056	20	<	.93	17.0	21	52.0	67	.7	6.7	7.6	<	.6	1.1	5.2	1.7	15.0	1	3	69.0	6.2	30	<	
021J	922057	00	2.0	<	1.20	13.0	<	17.0	55	.5	12.0	5.5	<	1.0	.8	8.0	4.3	39.0	4	2	70.0	6.7	40	<
021J	922058	00	<	<	2.00	10.0	12	13.0	78	.5	15.0	6.7	1.0	1.4	1.1	8.5	2.8	24.0	10	4	62.0	6.8	40	<
021J	922059	00	2.0	<	.62	11.0	<	73.0	31	.8	6.0	5.1	2.0	.9	3.3	1.7	23.0	<	2	2	126.0	6.5	30	<
021J	922060	00	2.0	<	1.60	12.0	<	21.0	97	.6	14.0	6.5	<	1.5	1.0	11.0	3.0	27.0	2	3	59.0	6.2	35	<
021J	922062	00	2.0	<	1.30	25.0	36	22.0	150	.9	22.4	4.7	<	1.5	.6	12.0	5.8	100.0	4	2	90.0	6.7	40	<
021J	922063	00	4.0	<	.87	6.0	<	37.0	39	.6	10.0	16.3	1.0	.9	2.5	8.2	38.8	17.0	3	7	99.0	6.9	60	0.07
021J	922064	00	20.0	16	1.20	14.0	<	18.0	81	.8	12.0	8.7	<	1.5	1.4	15.0	25.0	65.0	10	4	109.0	6.8	110	0.16
021J	922065	00	5.0	<	.44	24.0	<	25.0	34	1.0	10.0	29.7	<	<	3.5	8.2	17.0	31.0	3	7	54.0	6.6	50	<
021J	922066	00	2.0	<	1.10	7.0	<	21.0	47	.6	7.4	4.6	<	.8	.7	5.1	2.0	11.0	1	2	62.0	6.5	50	<
021J	922067	10	2.0	<	2.43	12.0	20	7.0	120	.5	13.0	7.4	1.0	1.2	1.2	11.0	3.1	26.0	2	3	41.0	6.9	50	<
021J	922068	20	2.0	<	2.16	14.0	<	11.0	120	.5	14.0	8.4	1.0	1.2	1.4	11.0	3.8	30.0	3	4	62.0	7.0	50	<
021J	922069	00	2.0	<	1.40	13.0	17	28.0	79	.6	12.0	6.6	<	1.1	1.0	8.6	2.9	25.0	3	3	113.0	6.7	50	<
021J	922070	00	2.0	<	.60	9.0	<	43.0	37	.7	7.5	3.4	1.0	<	.5	4.6	2.0	19.0	<	1	89.0	6.7	50	<
021J	922071	00	<	<	.16	10.0	19	15.0	12	.5	5.5	13.7	<	<	2.1	2.1	3.8	5.0	<	4	34.0	6.6	45	<
021J	922073	00	2.0	<	.53	27.0	37	25.0	68	.7	12.0	6.4	<	.9	1.2	7.0	3.4	24.0	<	4	192.0	6.7	50	<
021J	922074	00	2.0	<	1.30	9.0	23	27.0	75	.5	11.0	5.5	<	1.2	.8	10.0	3.7	22.0	2	3	73.0	6.7	50	<
021J	922075	00	<	<	1.70	17.0	21	81.0	140	.6	11.0	10.7	<	1.7	1.5	10.0	2.8	24.0	3	3	124.0	6.6	40	<
021J	922076	00	2.0	<	1.90	12.0	<	28.0	140	.6	13.0	10.5	1.0	1.7	1.9	15.0	6.6	24.0	1	4	104.0	6.7	50	0.08
021J	922077	00	<	<	2.04	14.0	<	15.0	140	.6	13.0	7.2	<	1.9	1.2	13.0	3.8	22.0	3	4	62.0	6.6	50	<
021J	922078	00	<	1	2.23	3.0	<	8.0	120	.4	14.0	3.5	1.0	1.6	1.0	10.0	3.4	6.0	1	2	18.0	4.4	30	<
021J	922079	00	2.0	<	1.40	11.0	<	35.0	77	.4	9.2	7.6	1.0	1.0	1.0	6.6	3.0	8.0	1	3	81.0	6.6	35	<
021J	922080	00	<	<	2.12	15.0	19	15.0	130	.6	13.0	6.9	1.0	2.0	1.0	12.0	3.4	25.0	2	4	56.0	6.8	35	0.08
021J	922082	00	<	<	2.00	12.0	26	14.0	140	.6	12.0	5.5	1.0	1.7	1.1	11.0	3.1	15.0	3	3	49.0	6.5	40	<
021J	922083	00	2.0	<	2.21	10.0	27	12.0	120	.6	11.0	5.6	1.0	1.7	1.0	11.0	2.9	16.0	3	3	52.0	6.5	40	<
021J	922084	00	2.0	<	1.80	14.0	24	16.0	140	.6	12.0	6.2	<	1.6	1.0	13.0	3.5	27.0	3	2	47.0	6.6	40	<
021J	922085	00	2.0	<	1.70	16.0	24	21.0	160	.6	11.0	6.9	1.0	1.7	1.1	11.0	3.3	20.0	1	3	86.0	6.8	40	<
021J	922086	00	<	<	1.60	59.0	78	24.0	150	.8	14.0	22.3	2.0	1.8	2.6	15.0	6.4	38.0	1	7	210.0	7.0	50	<
021J	922087	00	<	<	1.10	41.0	67	29.0	130	1.2	14.0	22.6	<	1.1	3.0	10.0	5.5	26.0	<	7	149.0	6.8	40	<
021J	922088	00	<	<	1.10	33.0	44	37.0	110	.9	13.0	10.0	1.0	1.2	1.5	9.3	4.6	27.0	1	3	116.0	6.5	45	<
021J	922089	00	<	<	1.90	15.0	<	18.0	130	.6	14.0	6.1	<	1.7	.9	12.0	3.2	28.0	2	3	64.0	6.7	40	<
021J	922091	00	<	<	1.90	14.0	<	21.0	81	.7	13.0	7.1	<	1.2	1.2	10.0	5.1	29.0	2	3	84.0	6.7	45	<
021J	922092	10	3.0	<	.93	37.0	57	43.0	150	1.0	18.0	9.3	<	2.1	1.4	15.0	7.0	29.0	3	4	183.0	6.7	40	<
021J	922093	20	2.0	<	1.00	33.0	41	48.0	140	1.0	18.0	10.5	1.0	1.7	1.5	14.0	6.8	30.0	<	4	163.0	6.8	40	<
021J	922094	00	2.0	<	1.20	13.0	29	29.0	75	.5	10.0	10.0	1.0	.8	1.8	7.8	8.5	20.0	<	4	78.0	6.6	45	<
021J	922095	00	5.0	<3	1.00	9.0	<	40.0	96	.5	11.0	10.6	<	1.3	2.3	8.6	86.6	20.0	<	5	93.0	6.5	90	0.08
021J	922096	00	2.0	<	2.20	19.0	22	19.0	96	.5	14.0	8.1	2.0	1.6	1.3	11.0	4.2	35.0	2	3	100.0	6.9	40	<
021J	922097	00	3.0	<	1.90	13.0	<	20.0	99	.4	10.0	6.7	<	1.6	1.1	10.0	3.5	28.0	3	4	63.0	6.8	40	<
021J	922098	00	2.0	<	2.36	6.0	<	10.0	97	.3	11.0	7.8	<	2.6	1.1	12.0	11.0	18.0	2	5	40.0	6.9	80	0.12
021J	922099	00	<	<	1.80	10.0	<	15.0	76	.3	10.0	6.4	<	1.4	1.2	9.0	3.3	19.0	<	4	57.0	6.7	55	<

Map	Sample ID	Rep Stat	Zone	East	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Stream Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Comp	Bottom	Bank	Precpt	Stream Type	Stream Class	Water Source
021J	922100	00	19	696612	5206221	Cos	14	Sed/Water	22	1	Possible	Till	Clear	Modert	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922102	00	19	696814	5202359	Cos	14	Sed/Water	9	1	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922103	00	19	696383	5202574	Cos	14	Sed/Water	5	1	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922104	00	19	695933	5203875	Cos	14	Sed/Water	10	1	Possible	Till	Clear	Modert	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922105	00	19	694698	5207063	Cos	14	Sed/Water	25	1	Possible	Till	Clear	Slow	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922106	00	19	692082	5205469	Df3	25	Sed/Water	12	1	Possible	Till	Clear	Slow	Brown	130	-	-	-	Permnt	Sec'ary	Ground
021J	922107	00	19	692085	5205182	Df3	25	Sed/Water	200	10	-	Till	Clear	Fast	Bf-Bn	310	-	-	-	Permnt	Ter'ary	Ground
021J	922108	00	19	691856	5205069	Df3	25	Sed/Water	10	1	-	Till	Clear	Modert	Brown	220	-	-	-	Permnt	Pri'ary	Ground
021J	922109	00	19	690899	5204408	Df3	25	Sed/Water	25	1	-	Till	Clear	Slow	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922110	00	19	691523	5205951	Df3	25	Sed/Water	12	1	-	Till	Clear	Modert	Brown	130	-	-	-	Permnt	Pri'ary	Ground
021J	922112	10	19	692015	5206482	Df3	25	Sed/Water	8	1	-	Till	Clear	Slow	Brown	131	-	-	-	Permnt	Pri'ary	Ground
021J	922113	20	19	692015	5206482	Df3	25	Sed/Water	8	1	-	Till	Clear	Slow	Brown	131	-	-	-	Permnt	Pri'ary	Ground
021J	922114	00	19	690665	5184514	Of	15	Sed/Water	30	1	Possible	Till	Clear	Modert	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922115	00	19	692197	5184881	Of	15	Sed/Water	20	1	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922116	00	19	692332	5184966	Of	15	Sed/Water	100	2	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Sec'ary	Ground
021J	922117	00	19	694150	5185003	Omv	15	Sed/Water	9	1	-	Till	Clear	Slow	Brown	221	-	-	-	Permnt	Pri'ary	Ground
021J	922118	00	19	694607	5184690	Omv	15	Sed/Water	120	3	-	Till	Clear	Modert	Bf-Bn	220	-	-	-	Permnt	Sec'ary	Ground
021J	922119	00	19	698407	5185696	Ss2	20	Sed/Water	13	3	Possible	Till	BnTrans	Stagnt	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922120	00	19	697858	5185507	Omv	15	Sed/Water	8	1	Possible	Till	Clear	Slow	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922122	10	19	701928	5184035	Ss2	20	Sed/Water	11	1	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922123	20	19	701928	5184035	Ss2	20	Sed/Water	11	1	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922124	00	19	701909	5184300	Ss2	20	Sed/Water	16	1	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922125	00	19	707251	5184635	Ss2	20	Sed/Water	9	1	-	Till	Clear	Stagnt	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922126	00	19	706595	5184182	Ss2	20	Sed/Water	38	2	Probable	Till	Clear	Modert	Bf-Bn	130	-	-	-	Permnt	Sec'ary	Ground
021J	922128	00	19	692369	5207632	Df3	25	Sed/Water	21	1	-	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922129	00	19	690353	5206568	Df3	25	Sed/Water	12	1	-	Till	Clear	Slow	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922130	00	19	690929	5206990	Df3	25	Sed/Water	10	1	Possible	Till	Clear	Slow	Brown	130	-	-	-	Permnt	Pri'ary	Ground
021J	922131	00	19	689147	5203850	Df3	25	Sed/Water	6	1	Possible	Till	Clear	Slow	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922132	00	19	705392	5193494	Cos	14	Sed/Water	16	1	Possible	Till	Clear	Slow	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922133	00	19	685418	5188522	Of	15	Sed/Water	31	1	Possible	Till	Clear	Modert	Brown	031	-	-	-	Permnt	Pri'ary	Ground
021J	922134	00	19	685990	5188628	Of	15	Sed/Water	80	3	Possible	Till	Clear	Slow	Brown	032	-	-	-	Permnt	Sec'ary	Ground
021J	922135	00	19	687459	5188057	Of	15	Sed/Water	5	1	-	Till	Clear	Slow	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922136	00	19	688672	5187524	Of	15	Sed/Water	40	2	-	Till	Clear	Modert	Brown	031	-	-	-	Permnt	Sec'ary	Ground
021J	922137	00	19	688626	5187362	Of	15	Sed/Water	80	3	Possible	Till	Clear	Modert	Brown	131	-	-	-	Permnt	Sec'ary	Ground
021J	922138	00	19	687270	5187680	Of	15	Sed/Water	92	2	Possible	Till	Clear	Modert	Brown	130	-	-	-	Permnt	Sec'ary	Ground
021J	922139	00	19	685843	5187008	Cos	14	Sed/Water	30	1	-	Till	Clear	Modert	Brown	131	-	-	-	Permnt	Pri'ary	Ground
021J	922140	00	19	685386	5187366	Cos	14	Sed/Water	40	1	-	Till	Clear	Modert	Brown	130	-	-	-	Permnt	Sec'ary	Ground
021J	922142	00	19	685477	5187666	Cos	14	Sed/Water	40	2	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Sec'ary	Ground
021J	922143	00	19	701873	5186369	Ss2	20	Sed/Water	33	2	Possible	Till	Clear	Modert	Brown	030	-	-	-	Permnt	Pri'ary	Ground
021J	922144	00	19	702823	5186606	Ss2	20	Sed/Water	13	1	-	Bare Rk	Clear	Modert	Brown	031	-	-	-	Permnt	Pri'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	AuWt g -	As ppm .5 INAA	Ba ppm 50 INAA	Br ppm .5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Co ppm 5 INAA	Cr ppm 20 INAA	Cs ppm .5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm .2 INAA	Mn ppm 5 AAS
021J 922100 00	0.3	<	23.99	21.0	350	29.0	0.2	86	29.0	46	63	6.1	10.0	1	310.0	2.7	4.0	5	60.0	39	19.8	.8	791.0
021J 922102 00	0.2	<	30.52	1.6	300	38.0	0.2	72	4.0	9	43	2.4	9.0	2	260.0	1.3	2.5	7	30.0	36	15.4	.7	256.0
021J 922103 00	0.4	<	22.89	2.0	150	115.0	0.4	89	2.0	5	63	2.3	16.0	2	260.0	1.3	2.0	4	120.0	60	49.6	1.1	594.0
021J 922104 00	0.3	<	23.93	8.5	330	43.0	0.4	380	13.0	33	75	8.5	16.0	4	300.0	3.2	4.4	6	180.0	64	36.6	1.2	2340.0
021J 922105 00	0.4	3	19.32	3.4	260	8.0	0.7	69	<	<	43	5.7	7.0	<	250.0	0.55	.9	5	210.0	41	32.4	.7	319.0
021J 922106 00	<	<	22.33	1.0	290	9.0	0.3	64	2.0	<	<	3.7	7.0	<	220.0	0.7	1.2	18	40.0	36	27.7	.7	178.0
021J 922107 00	0.2	<	22.24	3.4	190	22.0	0.6	100	4.0	9	55	4.9	14.0	1	350.0	2.2	2.9	13	80.0	53	28.7	.9	333.0
021J 922108 00	<	<	24.82	27.0	530	31.0	0.4	63	11.0	18	29	6.3	9.0	2	340.0	3.5	4.3	40	50.0	29	19.5	1.2	1070.0
021J 922109 00	<	<	18.19	2.5	280	12.0	0.6	54	2.0	<	<	1.9	6.0	2	220.0	0.55	1.3	19	40.0	31	42.8	.9	85.0
021J 922110 00	<	<	21.42	7.8	310	11.0	0.5	64	27.0	44	46	4.7	5.0	1	220.0	2.3	3.5	14	80.0	27	18.3	.6	4710.0
021J 922112 10	<	<	20.08	4.8	330	10.0	0.5	88	3.0	10	41	4.5	8.0	2	350.0	1.5	2.3	17	100.0	47	25.3	.8	263.0
021J 922113 20	<	<	17.98	5.6	290	9.4	0.5	99	4.0	6	32	3.5	9.0	2	300.0	1.2	1.9	16	90.0	56	30.0	.9	177.0
021J 922114 00	<	<	20.49	6.8	270	11.0	0.4	60	6.0	12	48	8.3	9.0	1	320.0	1.4	2.8	8	60.0	34	21.1	.8	380.0
021J 922115 00	<	<	26.92	38.0	400	11.0	0.4	79	40.0	72	99	8.3	13.0	2	380.0	2.6	5.9	12	60.0	35	12.5	1.1	860.0
021J 922116 00	0.2	<	16.20	4.0	160	11.0	0.4	53	7.0	13	34	6.2	9.0	1	320.0	1.3	2.7	7	60.0	29	17.5	.9	422.0
021J 922117 00	<	<	26.77	1.9	300	6.1	0.6	38	3.0	7	23	3.0	6.0	<	180.0	0.35	1.6	7	50.0	18	20.3	.6	102.0
021J 922118 00	0.2	<	26.94	10.0	500	5.5	0.2	92	9.0	15	67	7.2	11.0	2	470.0	1.9	5.3	18	20.0	44	6.0	1.2	226.0
021J 922119 00	<	<	23.56	.8	270	5.2	0.4	40	3.0	7	48	2.3	7.0	1	200.0	0.4	1.6	6	80.0	21	26.8	.6	92.0
021J 922120 00	0.2	<	28.66	5.8	260	46.0	0.5	120	12.0	24	87	4.4	12.0	2	270.0	4.1	6.1	9	140.0	38	26.0	1.2	3020.0
021J 922122 10	0.2	<	28.58	5.9	380	18.0	0.2	130	16.0	28	110	6.1	12.0	2	360.0	2.8	5.4	10	90.0	44	11.6	1.3	745.0
021J 922123 20	0.2	<	30.33	5.3	410	19.0	0.3	120	17.0	27	120	5.8	12.0	3	360.0	2.9	5.2	9	80.0	42	10.8	1.1	1020.0
021J 922124 00	0.2	<	26.22	11.0	330	24.0	1.5	120	24.0	42	99	6.5	18.0	2	400.0	4.2	6.2	8	120.0	54	17.8	1.3	5770.0
021J 922125 00	1.3	<	21.31	5.9	160	81.9	0.9	170	18.0	41	83	3.7	22.0	7	260.0	2.1	3.7	3	310.0	86	51.3	1.7	673.0
021J 922126 00	<	<	35.04	12.0	450	6.0	0.4	110	15.0	29	120	6.4	28.0	2	340.0	2.6	5.9	10	50.0	45	5.6	1.3	244.0
021J 922128 00	<	<	27.31	30.0	430	19.0	0.4	81	17.0	25	33	4.7	8.0	1	390.0	2.2	3.6	14	70.0	39	13.7	.9	2400.0
021J 922129 00	0.2	<	24.68	1.4	250	16.0	0.4	52	4.0	8	37	10.0	7.0	<	320.0	0.75	1.6	7	120.0	26	29.1	.7	484.0
021J 922130 00	0.2	<	31.10	1.8	400	6.2	0.2	67	4.0	11	58	3.1	8.0	1	250.0	1.2	3.3	15	30.0	32	9.0	1.0	112.0
021J 922131 00	0.2	<	27.11	4.2	390	12.0	0.2	67	7.0	10	41	6.7	6.0	2	310.0	1.2	2.3	11	40.0	32	14.1	1.0	309.0
021J 922132 00	<	<	20.63	24.0	300	10.0	0.2	56	9.0	20	47	5.1	9.0	1	330.0	1.2	2.1	7	100.0	29	23.8	.7	237.0
021J 922133 00	0.2	<	17.35	1.8	110	80.4	1.2	73	10.0	14	46	5.2	12.0	2	380.0	1.5	2.2	2	310.0	56	49.3	1.0	2060.0
021J 922134 00	0.2	<	13.47	3.2	91	24.0	0.6	66	5.0	13	24	5.2	10.0	1	310.0	1.4	2.0	2	140.0	51	36.8	.9	295.0
021J 922135 00	0.3	<	24.79	2.3	170	40.0	0.5	130	15.0	30	40	6.3	13.0	1	550.0	5.1	7.3	5	170.0	50	35.9	1.0	1920.0
021J 922136 00	<	<	16.34	2.1	110	19.0	0.8	50	6.0	10	<	2.9	11.0	1	220.0	1.3	2.5	4	110.0	33	32.8	.9	709.0
021J 922137 00	<	<	14.27	.8	140	11.0	0.4	43	5.0	12	41	3.0	7.0	<	230.0	1.1	2.4	4	60.0	24	18.8	.5	230.0
021J 922138 00	0.2	<	23.80	1.1	280	26.0	0.3	67	7.0	14	77	5.8	17.0	1	300.0	2.0	3.9	8	70.0	41	20.6	1.0	403.0
021J 922139 00	<	<	32.29	1.2	330	9.5	0.3	66	4.0	15	72	3.8	9.0	1	220.0	0.85	4.1	16	30.0	28	3.1	1.2	289.0
021J 922140 00	<	<	24.33	1.4	250	15.0	0.4	51	8.0	17	50	4.8	7.0	1	200.0	1.2	3.1	10	70.0	23	16.4	.8	406.0
021J 922142 00	<	<	19.35	2.0	150	28.0	0.6	48	5.0	10	41	3.4	10.0	1	280.0	1.4	2.5	5	80.0	36	23.9	.7	613.0
021J 922143 00	0.3	<	28.27	4.7	370	17.0	0.6	87	10.0	21	90	5.0	13.0	2	300.0	2.2	4.1	10	80.0	41	17.8	1.3	767.0
021J 922144 00	0.2	<	23.57	5.3	360	40.0	0.7	69	7.0	13	82	4.7	11.0	1	270.0	2.2	3.4	8	90.0	34	19.6	.9	1280.0

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J

Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Mo ppm AAS	Mo ppm INAA	Na pct INAA	Ni ppm AAS	Ni ppm INAA	Pb ppm AAS	Pb ppm INAA	Rb ppm INAA	Sb ppm INAA	Sc ppm INAA	Sm ppm INAA	Sn ppm INAA	Ta ppm INAA	Tb ppm INAA	Th ppm INAA	U ppm INAA	V ppm AAS	W ppm INAA	Yb ppm INAA	Zn ppm AAS	pH	F_W ppb ISE	U_W ppb LTF
021J 922100 00	4.0	1	1.90	17.0	<	21.0	58	4	18.0	8.1	<	1.1	1.1	1.2	10.0	5.7	48.0	3	4	109.0	7.0	60	<
021J 922102 00	2.0	<	2.49	9.0	<	8.0	69	4	18.0	6.4	1.0	1.1	1.1	1.2	8.3	11.0	29.0	<	3	49.0	7.3	65	<
021J 922103 00	<	<	1.20	8.0	<	16.0	58	1.7	12.0	11.5	1.0	1.0	1.0	1.8	6.4	22.5	21.0	<	6	64.0	7.2	60	<
021J 922104 00	3.0	<	1.10	23.0	24	31.0	99	8	16.0	13.0	<	1.1	1.1	1.9	11.0	4.7	31.0	<	5	128.0	6.9	55	<
021J 922105 00	2.0	<	1.00	7.0	<	17.0	65	6	10.0	7.2	1.0	1.1	1.1	1.0	10.0	7.6	17.0	2	2	49.0	7.2	90	0.1
021J 922106 00	2.0	<	1.60	4.0	<	13.0	72	4	9.1	5.8	<	1.4	1.4	9	11.0	5.1	23.0	3	3	35.0	6.6	95	<
021J 922107 00	2.0	<	1.40	9.0	<	20.0	72	7	14.0	8.5	2.0	1.1	1.1	1.3	16.0	24.0	43.0	5	3	128.0	6.9	100	0.15
021J 922108 00	3.0	1	2.20	8.0	<	26.0	73	7	18.0	6.4	2.0	2.0	2.0	1.0	10.0	4.3	67.0	4	4	75.0	6.8	80	<
021J 922109 00	2.0	<	1.40	4.0	<	7.0	29	4	13.0	5.9	1.0	1.1	1.1	1.1	6.4	6.3	22.0	1	4	37.0	6.5	85	<
021J 922110 00	5.0	3	1.70	5.0	17	21.0	71	1.2	12.0	4.6	<	1.3	1.3	1.1	10.0	4.9	41.0	6	3	40.0	6.5	90	<
021J 922112 10	<	<	1.60	9.0	<	21.0	78	1.7	12.0	7.3	<	1.3	1.3	1.0	12.0	4.6	37.0	<	3	81.0	6.7	75	<
021J 922113 20	2.0	1	1.30	7.0	<	20.0	57	2.1	11.0	7.9	1.0	1.0	1.0	1.2	10.0	4.9	44.0	4	3	60.0	6.6	75	<
021J 922114 00	<	<	1.30	10.0	<	12.0	84	1.2	16.0	6.3	<	1.4	1.4	1.1	8.9	5.7	29.0	3	4	59.0	6.8	120	<
021J 922115 00	2.0	1	1.80	20.0	33	24.0	110	9	23.1	6.8	1.0	1.7	1.7	1.3	11.0	3.2	42.0	5	4	109.0	6.8	75	<
021J 922116 00	2.0	<	1.00	9.0	<	12.0	63	4	12.0	6.2	<	1.0	1.0	1.1	7.8	11.0	28.0	3	3	69.0	6.9	100	<
021J 922117 00	<	<	2.09	3.0	<	9.0	76	4	10.0	3.9	<	1.2	1.2	7	5.4	2.3	13.0	1	1	42.0	6.4	70	0.1
021J 922118 00	<	<	1.90	15.0	<	16.0	140	1.0	23.3	8.5	1.0	2.7	2.7	1.4	13.0	4.9	38.0	4	5	83.0	6.9	120	<
021J 922119 00	<	<	1.80	5.0	<	7.0	76	8	12.0	4.0	<	1.0	1.0	8	5.8	1.8	13.0	2	3	27.0	6.5	50	<
021J 922120 00	2.0	<	1.80	16.0	<	14.0	78	4	20.6	7.8	1.0	1.7	1.7	1.5	12.0	3.5	66.0	2	5	124.0	7.2	50	<
021J 922122 10	2.0	<	2.00	33.0	46	9.0	110	5	22.3	9.4	1.0	1.6	1.6	1.6	15.0	5.2	44.0	<	5	99.0	7.2	50	<
021J 922123 20	2.0	<	1.90	32.0	39	12.0	97	5	22.0	8.8	1.0	1.9	1.9	1.4	13.0	4.9	49.0	2	5	102.0	7.2	60	<
021J 922124 00	2.0	<	1.70	44.0	60	19.0	97	7	25.3	12.4	2.0	1.3	1.3	2.0	13.0	5.2	56.0	<	6	139.0	7.2	60	<
021J 922125 00	2.0	<	52	19.0	38	28.0	43	6	26.5	22.2	1.0	6	6	3.0	13.0	8.8	49.0	<	8	80.0	6.7	40	<
021J 922126 00	<	<	1.90	30.0	32	14.0	170	1.4	22.7	8.2	<	2.4	2.4	1.4	19.0	5.3	62.0	2	4	68.0	7.2	80	<
021J 922128 00	4.0	2	2.15	12.0	19	15.0	100	5	11.0	7.8	1.0	1.3	1.3	1.3	14.0	5.0	40.0	3	4	100.0	6.8	70	<
021J 922129 00	3.0	2	1.50	6.0	15	20.0	86	5	12.0	4.4	2.0	1.2	1.2	8	10.0	8.7	17.0	3	2	49.0	6.4	80	<
021J 922130 00	<	<	2.59	7.0	24	8.0	110	4	16.0	6.1	1.0	1.6	1.6	1.0	12.0	3.3	31.0	1	4	26.0	6.6	80	<
021J 922131 00	3.0	<	2.65	7.0	24	12.0	100	1.7	12.0	5.6	<	1.7	1.7	8	11.0	3.9	34.0	3	4	27.0	6.6	80	<
021J 922132 00	2.0	1	1.40	8.0	19	21.0	88	8	11.0	4.7	1.0	1.1	1.1	7	7.7	3.0	23.0	1	2	33.0	6.3	100	<
021J 922133 00	5.0	<	45	9.0	19	30.0	24	4	8.7	9.4	<	7	7	1.6	5.0	7.9	30.0	3	5	106.0	6.6	110	<
021J 922134 00	7.0	3	46	8.0	<	27.0	38	1.1	9.0	9.4	1.0	7	7	1.4	5.6	13.0	48.0	1	4	74.0	6.6	80	<
021J 922135 00	7.0	3	1.10	8.0	24	35.0	46	4	16.0	10.1	1.0	1.4	1.4	1.4	17.0	13.0	90.0	6	4	101.0	6.8	70	0.11
021J 922136 00	2.0	<	1.20	6.0	<	31.0	44	7	10.0	6.3	<	9	9	1.0	5.1	11.0	29.0	1	3	82.0	6.8	100	0.11
021J 922137 00	2.0	<	1.10	9.0	15	10.0	38	8	11.0	5.4	1.0	9	9	1.1	6.2	6.6	30.0	2	2	61.0	6.8	110	<
021J 922138 00	2.0	<	1.50	16.0	24	14.0	78	1.0	16.0	8.6	<	1.5	1.5	1.4	11.0	6.1	50.0	5	4	69.0	6.8	100	0.05
021J 922139 00	<	1	2.37	6.0	<	6.0	83	5	22.0	6.7	<	1.7	1.7	1.3	9.2	4.1	26.0	5	4	34.0	6.9	90	<
021J 922140 00	2.0	1	2.00	7.0	<	18.0	58	5	15.0	5.0	2.0	1.3	1.3	7	7.8	3.5	33.0	3	3	55.0	6.9	90	<
021J 922142 00	2.0	1	1.40	10.0	<	18.0	44	6	12.0	6.6	<	9	9	1.2	6.2	11.0	37.0	<	3	83.0	6.6	80	0.05
021J 922143 00	2.0	<	1.70	18.0	29	14.0	98	9	20.0	8.0	<	1.8	1.8	1.4	11.0	3.6	37.0	3	5	95.0	7.1	50	<
021J 922144 00	<	<	1.50	16.0	33	16.0	99	1.0	14.0	5.9	<	1.3	1.3	9	10.0	3.2	30.0	1	3	92.0	7.1	60	<

Map	Sample ID	Rep Stat	Zone	Easting	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Sample Comp	Bottom	Bank	Stream Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	922145	00	19	702339	5188528	CoS	14	Sed/Water	22	1	Possible	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922146	00	19	700623	5187955	CoS	14	Sed/Water	170	6	Possible	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922147	00	19	700793	5187800	CoS	14	Sed/Water	60	2	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922148	00	19	700866	5187260	Ss2	20	Sed/Water	43	1	Possible	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922149	00	19	699970	5187670	CoS	14	Sed/Water	27	2	Possible	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922150	00	19	694137	5187095	Of	15	Sed/Water	9	1	Possible	Organic	Clear	Slow	Brown	013	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922151	00	19	706911	5190176	Omv	15	Sed/Water	30	1	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922152	00	19	708043	5190255	Omv	15	Sed/Water	17	1	Possible	Till	Clear	Slow	Brown	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922153	10	19	707529	5190639	Omv	15	Sed/Water	30	1	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922154	20	19	707529	5190639	Omv	15	Sed/Water	30	1	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922156	00	19	711865	5191585	Ss2	20	Sed/Water	45	2	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922157	00	19	709328	5190725	Omv	15	Sed/Water	40	2	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	922158	00	19	697571	5183879	Ss2	20	Sed/Water	9	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922159	00	19	697701	5183357	Ss2	20	Sed/Water	16	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922160	00	19	698792	5182268	Ss2	20	Sed/Water	6	1	-	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922162	00	19	699446	5180607	Ss2	20	Sed/Water	120	2	Possible	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922163	00	19	699638	5180639	Ss2	20	Sed/Water	10	1	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922164	00	19	696925	5186324	CoS	14	Sed/Water	13	1	-	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922165	00	19	697891	5188014	Of	15	Sed/Water	30	1	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922166	00	19	697130	5186953	CoS	14	Sed/Water	9	1	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922167	00	19	691429	5186499	Of	15	Sed/Water	80	2	-	Organic	Clear	Slow	Brown	031	-	-	Swamp	Dendrc	Permnt	Sec'ary	Ground
021J	922168	10	19	690938	5187138	Of	15	Sed/Water	12	2	-	Organic	Clear	Slow	Brown	031	-	-	Swamp	Poor	Permnt	Pri'ary	Ground
021J	922169	20	19	690938	5187138	Of	15	Sed/Water	12	2	-	Organic	Clear	Slow	Brown	031	-	-	Swamp	Poor	Permnt	Pri'ary	Ground
021J	922170	00	19	689601	5187888	Of	15	Sed/Water	8	1	-	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922171	00	19	690210	5186413	Of	15	Sed/Water	62	2	-	Organic	Clear	Slow	Brown	130	-	-	Swamp	Dendrc	Permnt	Sec'ary	Ground
021J	922172	00	19	691235	5186267	Of	15	Sed/Water	12	1	-	Organic	Clear	Slow	Brown	013	-	-	Swamp	Poor	Permnt	Pri'ary	Ground
021J	922173	00	19	687928	5189731	Of	15	Sed/Water	43	2	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922174	00	19	690122	5189900	Of	15	Sed/Water	11	1	-	Organic	Clear	Slow	Brown	220	-	-	Swamp	Dendrc	Permnt	Pri'ary	Ground
021J	922175	00	19	688271	5191521	Of	15	Sed/Water	9	1	-	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922177	00	19	687986	5191566	Of	15	Sed/Water	10	1	-	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922178	00	19	694648	5190120	Of	15	Sed/Water	80	2	-	Till	Clear	Modert	Brown	130	-	-	Hill	Poor	Permnt	Sec'ary	Ground
021J	922179	00	19	694775	5189993	Of	15	Sed/Water	6	1	-	Till	Clear	Slow	Brown	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	922180	00	19	691573	5189882	Of	15	Sed/Water	48	2	-	Till	Clear	Modert	Brown	220	-	-	Hill	Discnt	Permnt	Pri'ary	Ground
021J	922182	00	19	691759	5191710	Of	15	Sed/Water	15	1	-	Till	Clear	Slow	Brown	220	-	-	Hill	Discnt	Permnt	Pri'ary	Ground
021J	922183	00	19	691118	5190338	Of	15	Sed/Water	6	1	-	Till	Clear	Slow	Brown	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922184	00	19	699510	5201375	CoS	14	Sed/Water	10	1	-	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922185	00	19	692103	5205318	Df3	25	Sed/Water	160	12	-	Till	Clear	Fast	Brown	030	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	922187	10	19	702609	5200312	Ofv	15	Sed/Water	28	1	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922188	20	19	702609	5200312	Ofv	15	Sed/Water	28	1	-	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	922189	00	19	706121	5199695	Ofv	15	Sed/Water	180	15	Possible	Bare Rk	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	Auwt g - -	As ppm .5 INAA	Ba ppm 50 INAA	Br ppm .5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Co ppm 5 INAA	Cr ppm 20 INAA	Cs ppm .5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct AAS	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm .2 INAA	Mn ppm 5 AAS
021J 922145 00	<	3	24.90	15.0	310	26.0	0.7	77	9.0	14	47	4.8	12.0	<	240.0	1.9	3.1	8	80.0	33	19.1	.7	1090.0
021J 922146 00	0.2	<	30.88	23.0	450	6.6	0.3	49	4.0	8	59	6.6	7.0	<	270.0	1.1	2.9	11	50.0	30	5.8	.8	167.0
021J 922147 00	<	<	34.62	8.7	430	8.4	0.2	73	7.0	12	52	4.1	6.0	1	230.0	1.2	2.7	14	60.0	30	5.7	.8	531.0
021J 922148 00	0.2	<	28.78	28.0	590	14.0	1.5	91	13.0	18	100	9.1	12.0	2	440.0	2.8	4.4	8	90.0	44	10.7	.9	1070.0
021J 922149 00	0.2	<	23.91	54.8	610	13.0	2.2	96	16.0	21	92	10.0	12.0	1	470.0	4.2	4.6	6	110.0	44	13.8	.9	2250.0
021J 922150 00	0.2	3	13.86	1.5	<110	26.0	2.4	45	2.0	<	<	1.9	17.0	<	280.0	0.4	.4	<	260.0	29	68.5	.7	567.0
021J 922151 00	<	<	34.01	1.8	480	6.0	0.4	61	5.0	9	36	3.4	8.0	1	230.0	0.9	2.1	10	80.0	30	6.7	.8	890.0
021J 922152 00	<	<	27.46	9.2	510	48.0	0.4	100	14.0	19	65	5.2	16.0	1	320.0	4.0	4.6	10	110.0	44	18.5	1.1	3750.0
021J 922153 10	0.4	<	21.13	38.0	380	26.0	0.8	89	79.0	100	54	4.3	14.0	1	300.0	5.6	5.8	4	170.0	32	23.8	.8	4300.0
021J 922154 20	0.2	<	21.50	34.0	400	25.0	1.0	110	56.0	84	47	4.6	18.0	2	320.0	4.9	5.2	5	130.0	37	22.8	.8	3770.0
021J 922156 00	<	4	26.60	12.0	390	35.0	0.7	97	25.0	37	75	5.1	14.0	2	310.0	3.3	4.3	8	110.0	41	19.3	1.0	2740.0
021J 922157 00	0.2	<	18.13	7.5	330	42.0	0.6	99	11.0	19	120	3.9	18.0	2	320.0	2.6	3.4	6	140.0	48	30.7	.9	1010.0
021J 922158 00	0.2	<	30.31	7.4	460	13.0	0.5	68	22.0	34	85	4.7	14.0	1	270.0	2.3	4.4	11	90.0	28	10.7	.8	3610.0
021J 922159 00	<	<	31.79	4.3	410	14.0	0.2	63	10.0	17	140	5.4	13.0	2	270.0	1.7	3.5	12	80.0	35	9.5	.9	540.0
021J 922160 00	0.2	<	20.99	6.5	310	20.0	0.3	97	11.0	21	89	6.3	17.0	1	330.0	2.4	4.9	7	90.0	45	13.4	1.2	662.0
021J 922162 00	<	<	31.08	8.6	410	8.2	0.3	68	10.0	19	98	7.1	15.0	1	310.0	2.3	4.6	7	80.0	33	8.5	1.0	247.0
021J 922163 00	0.4	<	29.09	10.0	260	51.5	0.9	240	17.0	28	88	7.1	21.0	2	310.0	3.9	5.3	6	160.0	51	28.6	1.4	2670.0
021J 922164 00	0.6	<	14.71	14.0	180	32.0	1.3	160	8.0	19	50	5.9	27.0	4	330.0	1.0	1.5	3	250.0	64	35.8	1.0	666.0
021J 922165 00	0.5	<	17.09	6.1	180	37.0	15.0	84	8.0	14	26	6.7	15.0	1	310.0	1.2	1.7	3	170.0	32	48.9	.8	1700.0
021J 922166 00	0.4	<	23.52	77.6	300	35.0	3.3	420	12.0	18	74	10.0	16.0	4	300.0	4.2	4.5	7	110.0	52	30.5	1.2	1920.0
021J 922167 00	<	<	22.41	<	210	10.0	0.4	59	6.0	15	40	3.4	11.0	1	280.0	1.4	3.5	11	90.0	34	17.7	.9	205.0
021J 922168 10	<	<	23.42	.9	140	14.0	0.4	41	2.0	6	43	2.4	8.0	1	200.0	0.45	2.8	11	90.0	22	28.8	.7	106.0
021J 922169 20	<	<	20.24	1.2	94	19.0	0.5	31	3.0	6	33	2.0	8.0	<	210.0	0.4	1.9	7	120.0	19	42.3	.4	111.0
021J 922170 00	<	<	18.84	1.7	92	29.0	0.4	52	4.0	5	<	2.3	11.0	1	210.0	0.95	1.7	6	110.0	31	37.1	1.0	515.0
021J 922171 00	0.2	<	24.02	.8	240	8.0	0.3	66	7.0	17	60	3.6	10.0	1	280.0	1.6	4.2	14	80.0	35	12.2	.9	264.0
021J 922172 00	<	<	26.02	<	210	12.0	0.4	41	<	6	33	3.1	7.0	1	200.0	0.35	1.6	6	90.0	24	23.8	.6	86.0
021J 922173 00	0.2	<	22.19	11.0	100	49.0	0.2	77	17.0	25	82	13.0	12.0	3	400.0	4.8	6.4	7	120.0	51	18.8	1.8	1250.0
021J 922174 00	0.2	<	22.57	9.4	190	31.0	0.4	63	10.0	14	30	4.6	11.0	1	280.0	8.3	7.9	7	150.0	36	29.9	.9	1790.0
021J 922175 00	0.3	7	20.81	1.0	<180	68.5	0.5	160	5.0	<	51	12.0	22.0	3	390.0	1.3	2.0	4	190.0	110	54.0	2.5	960.0
021J 922177 00	0.2	<	25.08	2.4	150	19.0	0.5	120	5.0	10	37	11.0	15.0	1	330.0	1.6	2.6	8	90.0	68	26.7	1.4	431.0
021J 922178 00	<	<	18.31	1.4	<	17.0	0.9	84	3.0	6	35	4.5	9.0	2	300.0	1.4	1.9	10	90.0	46	27.5	.9	592.0
021J 922179 00	<	<	23.07	3.4	84	22.0	1.3	82	4.0	7	45	13.0	10.0	1	260.0	0.6	1.1	11	130.0	42	36.5	.9	990.0
021J 922180 00	<	5	14.04	2.2	<160	43.0	0.4	110	4.0	10	40	5.1	15.0	2	370.0	2.2	3.0	6	120.0	62	32.1	.8	547.0
021J 922182 00	<	<	23.93	3.5	67	44.0	0.8	92	2.0	5	26	7.3	9.0	<	360.0	1.5	2.4	8	100.0	47	34.5	1.0	880.0
021J 922183 00	0.2	<	17.33	2.2	87	46.0	0.6	71	4.0	8	34	5.6	13.0	1	310.0	0.9	1.5	4	210.0	37	47.5	.7	795.0
021J 922184 00	0.2	<	26.01	2.7	380	4.9	1.0	130	10.0	21	89	3.2	21.0	3	350.0	2.4	3.4	7	110.0	65	19.8	1.0	520.0
021J 922185 00	<	<	29.93	3.0	420	11.0	0.2	57	2.0	8	29	4.4	6.0	1	320.0	1.4	2.9	29	70.0	32	8.6	1.2	178.0
021J 922187 10	0.4	<	21.25	28.0	400	45.0	0.6	88	80.0	110	60	8.0	21.0	3	370.0	3.0	3.5	6	150.0	61	26.6	1.1	1880.0
021J 922188 20	0.4	<	23.10	21.0	380	51.5	0.5	95	50.0	90	40	8.6	22.0	3	370.0	2.6	3.4	6	150.0	66	26.5	1.2	1480.0
021J 922189 00	<	<	31.50	7.3	490	7.1	<	81	9.0	12	47	4.6	8.0	2	360.0	1.2	2.9	27	40.0	41	5.7	1.1	136.0

Variable: Units: Detection Limit: Analytical Method:		Mo	Mo	Na	Ni	Ni	Pb	Rb	Sb	Sc	Sm	Sn	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F.W	U.V	
		ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	
		2	1	.02	2	10	2	2	5	.1	.2	.1	1.0	.5	.5	.2	.2	5	1	1	2	ISE	20	
		AAS	INAA	INAA	AAS	INAA	INAA	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	AAS	GCM	ISE	LIF
021J	922145	00	2.0	<	1.50	11.0	18	31.0	90	1.4	12.0	5.5	2.0	1.8	.9	10.0	2.9	30.0	2	3	73.0	6.4	50	<
021J	922146	00	2.0	<	2.16	9.0	17	16.0	110	.6	14.0	5.6	2.0	1.8	.8	8.6	3.1	23.0	6	2	58.0	6.8	70	0.06
021J	922147	00	<	<	1.90	8.0	<	9.0	110	.6	11.0	5.7	<	1.9	.7	12.0	3.1	21.0	<	3	39.0	6.6	50	<
021J	922148	00	2.0	<	1.10	25.0	40	12.0	160	.9	17.0	8.5	3.0	1.5	1.4	12.0	4.9	25.0	2	4	158.0	6.9	70	<
021J	922149	00	3.0	<	1.00	27.0	48	17.0	150	.8	19.0	8.2	2.0	1.5	1.5	12.0	5.1	30.0	2	4	186.0	6.8	70	<
021J	922150	00	5.0	2	.15	3.0	<	23.0	13	.3	5.7	6.6	<	<	1.2	4.4	31.8	13.0	1	3	97.0	6.8	135	0.14
021J	922151	00	2.0	<	2.08	8.0	<	8.0	100	.8	11.0	5.5	1.0	1.8	1.0	10.0	2.4	17.0	2	3	55.0	6.8	60	<
021J	922152	00	2.0	<	1.30	20.0	<	14.0	98	.8	17.0	8.2	1.0	1.7	1.5	14.0	5.0	43.0	<	5	128.0	7.6	70	<
021J	922153	10	4.0	<	1.00	23.0	38	24.0	82	.8	14.0	6.5	1.0	1.2	.9	8.9	2.9	44.0	<	2	126.0	6.5	60	<
021J	922154	20	4.0	1	1.00	25.0	28	26.0	85	.9	14.0	8.0	1.0	.9	1.2	9.0	3.1	45.0	<	3	142.0	6.5	60	<
021J	922156	00	2.0	<	1.40	22.0	28	17.0	87	.7	14.0	7.9	2.0	1.6	1.1	11.0	3.9	35.0	4	4	132.0	7.3	70	<
021J	922157	00	2.0	<	1.00	23.0	33	20.0	76	.9	15.0	8.3	<	1.0	1.6	8.7	3.7	33.0	3	3	89.0	7.3	60	<
021J	922158	00	<	<	1.40	16.0	31	13.0	100	.6	14.0	6.0	1.0	1.6	.9	10.0	3.2	40.0	3	3	75.0	6.9	50	<
021J	922159	00	<	<	1.40	43.0	61	7.0	99	.5	15.0	8.7	<	1.6	1.4	10.0	3.9	33.0	<	3	72.0	7.4	50	<
021J	922160	00	3.0	<	1.80	31.0	41	11.0	120	.7	20.0	10.1	1.0	2.2	1.9	15.0	5.9	48.0	3	5	89.0	7.3	60	0.07
021J	922162	00	2.0	<	2.06	20.0	43	10.0	120	1.1	18.0	6.8	<	1.8	1.3	10.0	4.4	41.0	2	4	80.0	7.2	90	<
021J	922163	00	4.0	<	1.40	35.0	42	19.0	110	.7	21.9	13.1	1.0	2.0	2.2	18.0	7.7	53.0	3	7	152.0	7.1	50	<
021J	922164	00	2.0	<	.42	25.0	36	30.0	54	.5	13.0	18.2	<	.7	2.9	12.0	23.6	19.0	2	5	115.0	6.9	70	<
021J	922165	00	4.0	2	.51	10.0	<	49.0	42	.4	7.8	7.0	1.0	.6	1.2	7.3	8.4	24.0	1	4	210.0	7.0	60	<
021J	922166	00	7.0	3	1.50	12.0	<	32.0	80	.7	14.0	12.0	2.0	1.4	1.9	11.0	14.0	42.0	3	5	135.0	7.0	80	-
021J	922167	00	3.0	<	1.70	10.0	20	13.0	58	.3	18.0	7.1	1.0	1.5	1.4	8.6	8.5	37.0	5	4	67.0	6.9	90	<
021J	922168	10	3.0	<	1.60	5.0	<	12.0	40	.3	15.0	5.0	<	1.5	1.1	6.0	11.0	17.0	4	3	46.0	6.9	160	0.16
021J	922169	20	3.0	<	1.10	4.0	14	15.0	37	.3	10.0	4.0	<	1.0	.8	4.5	13.0	18.0	3	2	50.0	6.9	160	0.16
021J	922170	00	3.0	<	1.00	5.0	<	28.0	42	.3	8.3	6.5	1.0	.9	1.3	5.9	15.0	27.0	1	4	57.0	6.6	90	0.09
021J	922171	00	2.0	<	1.90	10.0	18	10.0	60	.2	20.0	7.6	<	1.8	1.4	10.0	7.0	34.0	4	4	59.0	6.7	100	<
021J	922172	00	2.0	<	2.11	3.0	<	10.0	68	.2	11.0	5.3	<	.8	1.0	5.3	10.0	19.0	2	3	42.0	6.8	140	<
021J	922173	00	7.0	5	1.00	14.0	<	21.0	73	.4	18.0	14.0	1.0	1.4	2.6	15.0	25.8	112.0	4	8	60.0	6.7	100	0.12
021J	922174	00	3.0	<	1.30	7.0	<	48.0	68	.6	11.0	6.7	2.0	1.3	1.0	10.0	8.2	80.0	4	4	87.0	6.6	100	<
021J	922175	00	5.0	<	.46	10.0	<	18.0	44	.3	14.0	26.6	1.0	.9	4.4	16.0	54.0	23.0	<	14	120.0	7.2	110	0.05
021J	922177	00	4.0	<	1.30	12.0	20	12.0	75	.4	15.0	15.6	<	1.1	2.7	12.0	37.5	36.0	<	9	89.0	7.3	140	0.21
021J	922178	00	2.0	<	1.00	6.0	<	21.0	65	.3	11.0	9.0	1.0	2.1	1.6	14.0	26.0	29.0	3	6	82.0	6.8	120	0.18
021J	922179	00	2.0	<	1.20	4.0	<	30.0	110	.6	10.0	7.4	<	1.8	1.3	13.0	21.8	16.0	5	5	59.0	6.6	100	0.21
021J	922180	00	3.0	<	1.00	8.0	<	16.0	76	.4	12.0	13.7	<	1.7	2.6	17.0	45.6	28.0	2	7	112.0	6.7	120	0.09
021J	922182	00	6.0	5	1.20	4.0	<	26.0	98	.6	9.2	7.5	<	1.9	1.3	14.0	24.8	25.0	2	6	86.0	7.0	160	0.13
021J	922183	00	2.0	<	.59	6.0	<	29.0	40	.3	8.4	6.9	1.0	.7	1.2	7.9	13.0	16.0	<	4	66.0	7.0	110	0.06
021J	922184	00	<	<	1.60	24.0	31	15.0	87	.4	20.9	11.3	1.0	1.3	1.4	10.0	3.7	28.0	2	5	99.0	6.3	70	<
021J	922185	00	2.0	<	2.46	6.0	<	9.0	100	.3	15.0	7.2	1.0	2.6	1.3	14.0	7.6	32.0	2	5	43.0	6.9	90	0.11
021J	922187	10	2.0	<	1.30	30.0	39	29.0	96	.6	15.0	13.2	1.0	1.2	1.8	9.5	3.6	24.0	2	5	113.0	6.6	60	<
021J	922188	20	2.0	<	1.30	29.0	37	28.0	100	.6	16.0	14.1	<	1.2	2.0	10.0	3.6	22.0	2	5	111.0	6.5	60	<
021J	922189	00	2.0	<	2.38	12.0	<	9.0	120	.3	15.0	7.8	1.0	3.0	1.3	15.0	5.8	23.0	<	5	45.0	6.9	90	0.13

Map	Sample ID	Rep Stat	Zone	East	North	UTM	Unit	Rock Age	Sample Type	Stream Width	Stream Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Bottom	Bank	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	922190	00	19	706136	5199287		Ofv 15	Sed/Water	400	3	Possible	Till	Clear	Fast	Brown	221	-	-	Dendrc	Permnt	Qua'ary	Ground
021J	922191	00	19	705336	5199421		Ofv 15	Sed/Water	30	1	Possible	Till	Clear	Modest	Brown	031	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	922192	00	19	690431	5192932		Of 15	Sed/Water	25	1	-	Till	Clear	Modest	Brown	031	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923002	10	19	723230	5197398		Ps2 33	Sed/Water	30	2	Possible	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923003	20	19	723230	5197398		Ps2 33	Sed/Water	30	2	Possible	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923004	00	19	722513	5198650		Ss2 20	Sed/Water	10	2	Possible	Alluv	Clear	Slow	Brown	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923005	00	19	723179	5199624		Ss2 20	Sed/Water	20	2	-	Alluv	Clear	Slow	Brown	030	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923007	00	19	722985	5199040		Ss2 20	Sed/Water	20	2	-	Alluv	Clear	Modest	Brown	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923008	00	19	720936	5200253		Omv 15	Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	030	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923009	00	19	723760	5196467		Ps2 33	Sed/Water	40	2	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923010	00	19	727972	5207720		Omv 15	Sed/Water	30	4	-	Organic	Clear	Slow	Rd-Bn	030	-	-	Poor	Permnt	Pri'ary	Ground
021J	923011	00	19	727953	5208690		Omv 15	Sed/Water	60	4	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Ter'ary	Ground
021J	923012	00	19	727850	5209027		Omv 15	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	130	-	-	Poor	Permnt	Pri'ary	Ground
021J	923013	00	19	723098	5201654		Omv 15	Sed/Water	20	2	-	Organic	Clear	Slow	Brown	022	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923014	00	19	719167	5202510		Cos 14	Sed/Water	30	2	-	Alluv	Clear	Modest	Gy-Blu	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923015	00	19	719188	5202371		Cos 14	Sed/Water	30	4	-	Organic	Clear	Slow	Gy-Blu	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923016	00	19	716807	5202787		Cos 14	Sed/Water	30	2	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923017	00	19	716844	5204025		Cos 14	Sed/Water	30	2	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923018	00	19	712066	5204032		Cos 14	Sed/Water	20	2	-	Alluv	Clear	Slow	Brown	030	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923019	00	19	713287	5204275		Cos 14	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923020	00	19	713878	5207336		Cos 14	Sed/Water	10	2	-	Alluv	Clear	Modest	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923022	00	19	713654	5207112		Cos 14	Sed/Water	80	4	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Sec'ary	Ground
021J	923023	10	19	720202	5196196		Ss2 20	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923024	20	19	720202	5196196		Ss2 20	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923025	00	19	718853	5197636		Ss2 20	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923026	00	19	717321	5197510		Ss2 20	Sed/Water	40	2	-	Alluv	Clear	Modest	Rd-Bn	220	-	-	Dendrc	Permnt	Sec'ary	Ground
021J	923027	00	19	718218	5198364		Cos 14	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	210	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923028	00	19	717933	5198599		Cos 14	Sed/Water	20	2	Possible	Alluv	Clear	Modest	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923029	00	19	718095	5199926		Ofv 15	Sed/Water	10	4	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923030	00	19	717614	5199701		Ofv 15	Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923031	00	19	713315	5200391		Ofv 15	Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923033	00	19	711309	5200283		Ofv 15	Sed/Water	30	2	-	Alluv	Clear	Modest	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923034	00	19	711541	5200034		Ofv 15	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923035	00	19	710976	5199550		Ofv 15	Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923036	00	19	720088	5189553		Ps5 33	Sed/Water	30	2	Possible	Alluv	Clear	Fast	Gy-Blu	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923037	00	19	717879	5188243		Ps5 33	Sed/Water	30	2	-	Alluv	Clear	Modest	Brown	220	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923038	00	19	709155	5184572		Ss2 20	Sed/Water	10	2	-	Organic	Clear	Modest	Brown	022	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923039	00	19	712467	5182664		Ps5 33	Sed/Water	30	4	-	Alluv	Clear	Fast	Rd-Bn	220	-	-	Dendrc	Permnt	Sec'ary	Ground
021J	923040	00	19	713940	5184397		Ps5 33	Sed/Water	20	2	-	Alluv	Clear	Modest	Rd-Bn	130	-	-	Dendrc	Permnt	Pri'ary	Ground
021J	923042	10	19	712492	5188574		Ss2 20	Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Poor	Permnt	Pri'ary	Ground

Analytical Data

Variable: Units: Detection Limit: Analytical Method:																
	Ag	Au	AuMt	As	Ba	Br	Cd	Ce	Co	Co	Cu	Eu	F	Fe	Hf	Hg
	ppm	ppb	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	ppm	ppb
	0.2 AAS	2 INAA	- -	.5 INAA	50 INAA	.5 INAA	0.2 AAS	5 INAA	2 AAS	5 INAA	2 AAS	1 INAA	40 ISE	0.02 AAS	1 INAA	10 CV-AAS
021J 922190 00	<	<	14.52	7.8	340	10.0	0.3	90	8.0	12	3.6	12.0	1 320.0	1.6	3.2	16
021J 922191 00	0.2	<	26.03	16.0	400	27.0	0.3	97	20.0	30	7.2	14.0	2 360.0	1.6	3.0	11
021J 922192 00	<	7	18.15	7.7	170	18.0	1.7	130	27.0	35	4.4	14.0	1 280.0	4.1	3.4	4
021J 923002 10	0.2	<	34.22	10.0	470	15.0	0.3	100	11.0	14	4.3	16.0	2 390.0	2.7	3.9	12
021J 923003 20	0.2	<	28.76	10.0	450	13.0	0.2	88	11.0	14	4.4	16.0	1 360.0	2.5	3.9	11
021J 923004 00	0.7	<	27.14	7.5	320	82.4	0.5	120	6.0	10	5.4	18.0	2 380.0	2.8	3.4	6
021J 923005 00	1.1	<	27.27	13.0	470	61.5	1.6	160	20.0	29	7.1	24.0	2 400.0	5.4	6.0	5
021J 923007 00	0.2	<	33.79	7.6	530	12.0	0.3	84	13.0	15	5.8	15.0	1 360.0	2.3	3.7	12
021J 923008 00	0.6	<	22.60	6.2	410	35.0	1.3	100	13.0	16	7.4	15.0	1 400.0	3.2	3.3	4
021J 923009 00	<	<	29.38	11.0	450	18.0	0.3	95	12.0	13	4.6	17.0	1 360.0	2.8	4.4	12
021J 923010 00	0.3	<	23.28	26.0	430	21.0	0.5	74	25.0	29	2.8	30.0	1 380.0	6.8	5.9	5
021J 923011 00	<	<	26.94	8.4	390	13.0	0.3	63	18.0	17	3.7	13.0	< 350.0	2.4	3.2	10
021J 923012 00	0.2	<	28.39	18.0	550	34.0	0.9	81	28.0	32	3.5	47.0	1 290.0	3.5	3.8	7
021J 923013 00	<	<	25.19	1.9	360	22.0	0.8	39	7.0	5	2.7	10.0	< 200.0	0.7	1.2	5
021J 923014 00	0.2	<	24.17	4.4	540	5.8	0.2	72	10.0	12	7.7	5.6	1 450.0	2.0	2.6	9
021J 923015 00	<	<	22.00	2.1	430	11.0	0.6	58	6.0	<	3.3	10.0	1 420.0	1.5	1.8	5
021J 923016 00	<	<	25.23	4.4	350	11.0	0.4	46	4.0	<	3.1	10.0	< 290.0	0.85	1.4	8
021J 923017 00	<	<	27.65	6.0	430	9.2	0.3	64	11.0	12	5.7	4.3	1 370.0	2.2	2.8	9
021J 923018 00	0.4	<	20.20	3.1	280	13.0	0.4	39	6.0	<	4.4	8.0	< 280.0	0.4	.9	5
021J 923019 00	0.2	<	28.01	5.4	410	10.0	0.3	43	7.0	6	6.4	4.8	1 330.0	0.85	2.1	10
021J 923020 00	<	<	25.68	21.0	310	24.0	1.0	110	21.0	26	5.6	11.0	< 380.0	4.2	4.4	7
021J 923022 00	0.2	<	24.48	8.5	330	12.0	0.5	73	10.0	14	3.9	2.7	1 320.0	1.8	2.8	12
021J 923023 10	0.2	<	31.67	16.0	740	17.0	0.3	99	19.0	23	110	5.4	2 390.0	4.0	5.3	11
021J 923024 20	0.2	<	25.99	15.0	720	15.0	0.3	97	17.0	18	9.7	5.2	2 420.0	4.2	4.5	10
021J 923025 00	0.3	<	28.47	8.1	510	33.0	0.5	120	12.0	16	6.3	7.4	3 350.0	3.4	4.0	9
021J 923026 00	<	<	28.16	10.0	490	17.0	0.4	87	23.0	27	4.9	14.0	2 350.0	3.1	3.8	10
021J 923027 00	0.2	<	29.17	10.0	540	26.0	0.4	120	18.0	21	7.7	5.9	2 400.0	3.7	4.6	10
021J 923028 00	0.3	<	24.37	18.0	390	29.0	0.4	76	51.0	66	6.8	17.0	1 340.0	4.5	5.0	7
021J 923029 00	<	<	24.92	2.0	430	4.2	0.3	56	4.0	<	4.6	4.9	< 270.0	0.55	1.4	11
021J 923030 00	<	<	26.95	6.4	360	8.1	0.2	49	2.0	8	2.3	5.0	< 260.0	0.7	1.4	8
021J 923031 00	0.2	<	19.18	2.6	310	17.0	1.1	45	7.0	9	<	3.9	2 200.0	0.65	1.1	6
021J 923033 00	0.4	2	19.23	11.0	360	23.0	0.8	84	48.0	73	4.5	5.2	1 280.0	1.5	2.1	6
021J 923034 00	0.2	<	26.20	33.0	380	27.0	1.1	98	35.0	53	28	5.0	1 280.0	2.6	3.4	8
021J 923035 00	1.2	<	29.53	9.5	280	97.0	1.1	290	19.0	23	7.2	6.5	2 310.0	3.7	4.6	6
021J 923036 00	<	<	30.46	13.0	430	12.0	0.3	79	14.0	17	7.9	4.0	2 290.0	3.1	4.1	10
021J 923037 00	<	<	28.48	31.0	490	43.0	0.7	130	16.0	24	9.2	20.0	3 300.0	4.3	5.2	7
021J 923038 00	0.2	<	21.84	5.0	120	169.0	0.6	60	8.0	9	8.2	2.0	7 250.0	1.5	2.4	5
021J 923039 00	<	<	29.69	6.9	390	7.2	0.2	66	11.0	14	9.9	3.9	2 330.0	2.0	3.6	9
021J 923040 00	0.2	<	27.27	10.0	430	18.0	0.6	91	20.0	25	8.8	4.5	3 300.0	3.7	4.4	7
021J 923042 10	0.2	<	27.61	8.8	330	7.7	0.4	41	15.0	23	6.9	9.2	1 310.0	1.2	2.4	6

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Mo	Na	Ni	Pb	Rb	Sb	Sc	Sm	Sn	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F_W	U_W
	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
	2	.02	2	2	5	.1	.2	.1	1.0	.5	.5	.2	.2	5	1	1	2		20	0.05
	AAS	INAA	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE
021J 922190 00	2.0	< 2.35	9.0	< 11.0	94	.4	16.0	7.0	1.0	1.5	1.3	11.0	8.0	27.0	4	4	72.0	7.0	100	0.1
021J 922191 00	3.0	< 2.00	20.0	35	17.0	.5	15.0	9.5	1.0	1.7	1.2	12.0	3.8	20.0	<	4	88.0	6.8	70	<
021J 922192 00	17.0	.84	13.0	22	30.0	.7	7.7	8.0	<	.7	1.5	8.2	20.0	40.0	10	3	161.0	6.8	110	0.11
021J 923002 10	2.0	2	1.60	45	15.0	.8	15.0	8.3	1.0	2.0	1.2	13.0	3.7	33.0	2	3	87.0	6.6	60	<
021J 923003 20	2.0	1	1.60	23.0	120	.7	16.0	7.4	1.0	1.6	1.1	12.0	3.6	35.0	2	3	89.0	6.7	50	<
021J 923004 00	3.0	3	1.10	<	110	.7	16.0	10.5	1.0	1.0	1.5	14.0	5.4	35.0	1	5	99.0	6.7	50	<
021J 923005 00	5.0	2	.89	38	28.0	.9	22.0	10.7	1.0	1.5	1.3	18.0	4.9	64.0	2	4	214.0	6.7	50	<
021J 923007 00	2.0	2	2.03	33	140	.6	15.0	7.8	<	1.8	1.0	14.0	3.9	35.0	2	4	76.0	6.6	60	<
021J 923008 00	3.0	2	.80	25	27.0	.6	16.0	6.4	1.0	1.3	.8	13.0	3.7	33.0	2	3	138.0	6.7	50	<
021J 923009 00	2.0	1	1.60	22	130	.8	17.0	8.4	3.0	2.0	1.1	13.0	4.0	37.0	3	3	80.0	6.8	60	<
021J 923010 00	7.0	4	1.00	51	41.0	1.3	19.0	7.8	1.0	1.5	.9	10.0	3.1	70.0	2	2	310.0	6.6	60	<
021J 923011 00	2.0	1	1.40	13	30.0	.8	13.0	6.5	<	1.5	.6	10.0	2.8	26.0	1	3	72.0	6.1	60	<
021J 923012 00	5.0	6	1.50	21	34.0	.6	11.0	6.4	1.0	1.4	.8	10.0	3.0	33.0	1	1	109.0	6.6	70	<
021J 923013 00	2.0	<	1.60	<	78	.4	7.8	4.6	1.0	1.1	.6	6.7	2.2	11.0	1	2	67.0	7.0	60	<
021J 923014 00	2.0	2	1.30	20	160	.5	17.0	7.4	<	1.8	1.0	12.0	3.7	17.0	1	4	48.0	5.4	60	<
021J 923015 00	2.0	1	1.10	<	120	1.0	14.0	5.9	<	1.5	.6	9.1	2.6	14.0	<	2	74.0	5.5	50	<
021J 923016 00	2.0	1	1.70	<	96	.5	9.3	4.9	1.0	1.2	.5	8.1	2.4	15.0	<	2	45.0	5.9	60	<
021J 923017 00	2.0	1	1.60	<	120	.6	16.0	5.9	<	1.5	.8	11.0	3.2	21.0	3	3	64.0	5.8	60	<
021J 923018 00	2.0	1	1.10	<	69	.7	10.0	3.7	1.0	1.1	<	6.9	2.6	14.0	1	2	42.0	6.0	60	<
021J 923019 00	2.0	1	1.90	<	130	.4	13.0	4.7	1.0	1.5	.6	10.0	3.0	16.0	2	3	32.0	5.7	60	<
021J 923020 00	9.0	6	1.50	<	83	.4	11.0	7.0	<	1.4	1.1	19.0	10.0	37.0	1	3	131.0	6.7	70	<
021J 923022 00	2.0	2	1.80	<	85	.5	11.0	7.9	2.0	1.7	1.1	11.0	4.8	26.0	1	3	78.0	6.6	70	<
021J 923023 10	2.0	2	1.60	49	140	.7	20.0	10.1	<	1.6	1.3	14.0	4.6	34.0	2	3	97.0	7.0	60	<
021J 923024 20	2.0	2	1.50	43	130	1.0	19.0	9.5	<	1.6	1.3	13.0	4.2	37.0	1	4	96.0	7.0	60	<
021J 923025 00	3.0	1	1.70	26	15.0	.5	18.0	12.3	2.0	1.5	1.4	15.0	5.6	33.0	2	4	119.0	7.3	60	<
021J 923026 00	2.0	2	1.80	36	20.0	.8	15.0	8.3	<	1.8	1.1	13.0	3.6	33.0	1	4	98.0	6.8	60	<
021J 923027 00	2.0	2	1.80	32	17.0	.7	18.0	10.4	1.0	1.6	1.3	16.0	4.9	41.0	2	4	125.0	7.1	60	<
021J 923028 00	2.0	3	1.30	36	59.0	1.1	15.0	6.5	<	1.5	.6	11.0	3.2	46.0	2	3	89.0	6.2	50	<
021J 923029 00	<	<	1.90	19	11.0	.5	12.0	5.3	<	1.7	.7	11.0	3.1	15.0	1	3	36.0	6.0	50	<
021J 923030 00	<	2	1.80	19	18.0	.9	12.0	4.2	1.0	1.5	.5	8.8	2.8	20.0	1	3	22.0	4.4	45	<
021J 923031 00	<	<	1.30	18	26.0	.4	8.2	5.2	<	1.2	.7	7.7	2.5	15.0	1	2	69.0	6.2	65	<
021J 923033 00	2.0	2	1.20	36	48.0	.6	12.0	5.1	1.0	1.2	.8	10.0	3.3	22.0	1	2	78.0	5.5	80	<
021J 923034 00	3.0	4	1.50	37	35.0	.6	12.0	7.6	<	1.2	1.0	12.0	3.7	32.0	1	2	96.0	6.1	80	<
021J 923035 00	8.0	8	1.10	24	38.0	.6	19.0	13.9	1.0	1.3	1.7	19.0	10.0	48.0	2	6	124.0	6.5	70	<
021J 923036 00	3.0	1	1.90	36	14.0	.5	17.0	8.9	1.0	1.6	1.1	11.0	3.6	35.0	2	4	84.0	6.8	60	<
021J 923037 00	2.0	1	.81	42	26.0	.7	17.0	11.5	2.0	1.0	1.3	11.0	3.3	40.0	<	5	123.0	7.0	60	<
021J 923038 00	2.0	2	1.30	59	18.0	1.1	17.0	23.4	<	1.4	2.9	6.3	21.2	26.0	1	10	57.0	7.5	70	<
021J 923039 00	<	<	1.30	39	12.0	.6	16.0	6.9	<	1.7	.8	11.0	3.8	31.0	2	4	68.0	7.2	60	0.08
021J 923040 00	2.0	1	1.30	39	19.0	.6	17.0	8.4	1.0	1.7	1.2	11.0	5.4	54.0	2	4	112.0	6.9	60	<
021J 923042 10	3.0	1	1.90	22	38.0	.6	17.0	3.7	<	1.4	.7	7.8	2.7	26.0	<	2	52.0	6.0	60	0.2

Map	Sample ID	Rep Stat	Zone	Easting	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Stream Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Bottom Prcpt	Bank Prcpt	Stream Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	923043	20	19	712492	5188574	Ss2	20	Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923044	00	19	713346	5186967	Ss2	20	Sed/Water	10	2	-	Alluv	Clear	Modert	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923045	00	19	716547	5191832	Ss2	20	Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923046	00	19	713994	5192765	Ss2	20	Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	130	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923047	00	19	714461	5193715	Ss2	20	Sed/Water	30	6	-	Alluv	Clear	Slow	Brown	030	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923048	00	19	712072	5193494	Omv	15	Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923049	00	19	710940	5194517	Cos	14	Sed/Water	20	2	-	Bare Rk	Clear	Modert	Rd-Bn	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923050	00	19	710177	5195579	Cos	14	Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923051	00	19	708692	5193487	Cos	14	Sed/Water	20	2	Possible	Alluv	Clear	Modert	Rd-Bn	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923052	00	19	711226	5194815	Cos	14	Sed/Water	40	4	-	Alluv	Clear	Slow	Rd-Bn	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923053	00	19	709455	5196925	Cos	14	Sed/Water	10	2	-	Alluv	Clear	Slow	Gy-Blu	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923055	00	19	712383	5197375	Cos	14	Sed/Water	20	2	-	Alluv	Clear	Modert	Brown	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923056	00	19	714178	5195727	Omv	15	Sed/Water	10	2	-	Alluv	Clear	Modert	Brown	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923057	00	19	714092	5195878	Omv	15	Sed/Water	40	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923058	00	19	713884	5195723	Omv	15	Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923059	00	19	712265	5198817	Cos	14	Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923060	00	19	712088	5198845	Cos	14	Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	220	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923062	00	19	715746	5200167	Cos	14	Sed/Water	30	2	-	Alluv	Clear	Slow	Gy-Blu	220	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923064	00	19	707672	5201063	Ofv	15	Sed/Water	30	2	-	Alluv	Clear	Fast	Rd-Bn	220	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923065	00	19	707935	5200988	Ofv	15	Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923066	00	19	708980	5203551	Cos	14	Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923067	10	19	708606	5203162	Cos	14	Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923068	20	19	708606	5203162	Cos	14	Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923069	00	19	708685	5202887	Cos	14	Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923070	00	19	705532	5202610	Cos	14	Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923071	00	19	722332	5190725	Ps5	33	Sed/Water	10	8	-	Organic	Clear	Stagnt	Gy-Blu	030	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923072	00	19	726195	5191426	Ps5	33	Sed/Water	10	4	-	Alluv	Clear	Stagnt	Brown	030	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923073	00	19	726879	5192266	Ps5	33	Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923074	00	19	701247	5207879	Cos	14	Sed/Water	20	2	-	Alluv	Clear	Modert	Brown	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923075	00	19	701006	5207876	Cos	14	Sed/Water	60	4	-	Alluv	Clear	Fast	Brown	220	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923076	00	19	702013	5204896	Cos	14	Sed/Water	70	2	-	Alluv	Clear	Fast	Rd-Bn	220	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923077	00	19	702590	5203227	Cos	14	Sed/Water	20	2	-	Alluv	Clear	Modert	Brown	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923078	00	19	702193	5203175	Cos	14	Sed/Water	40	4	-	Alluv	Clear	Fast	Brown	220	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923079	00	19	703872	5207197	Cos	14	Sed/Water	10	4	-	Organic	Clear	Stagnt	Brown	022	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923080	00	19	701616	5206496	Cos	14	Sed/Water	10	2	-	Alluv	Clear	Stagnt	Brown	022	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923082	10	19	702793	5206790	Cos	14	Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923083	20	19	702793	5206790	Cos	14	Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923084	00	19	708790	5207508	Of	15	Sed/Water	40	2	-	Alluv	Clear	Modert	Brown	220	-	Hill	Dendrc	Intermit	Pri'ary	Ground
021J	923085	00	19	708681	5207398	Of	15	Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923087	00	19	705692	5203483	Cos	14	Sed/Water	30	2	-	Alluv	Clear	Modert	Brown	130	-	Hill	Dendrc	Permnt	Pri'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm AAS	Au ppb INAA	AuMt g -	As ppm INAA	Ba ppm INAA	Br ppm INAA	Cd ppm AAS	Ce ppm INAA	Co ppm AAS	Co ppm INAA	Cr ppm INAA	Cs ppm INAA	Cu ppm AAS	Eu ppm INAA	F ppm ISE	Fe pct AAS	Fe pct INAA	Hf ppm INAA	Hg ppb CV-AAS	La ppm INAA	LOI pct GRAV	Lu ppm INAA	Mn ppm AAS
021J 923043 20	0.2	<	24.78	8.1	360	4.5	0.4	40	26.0	31	66	8.5	8.0	<	310.0	1.3	2.6	7	90.0	16	12.4	.2	558.0
021J 923044 00	0.4	<	26.86	8.8	370	32.0	0.9	70	16.0	21	67	4.8	22.0	4	280.0	2.9	3.5	6	110.0	66	25.6	.8	3100.0
021J 923045 00	0.3	<	27.27	34.0	390	20.0	0.8	100	29.0	40	77	4.4	18.0	2	280.0	4.8	5.9	9	120.0	41	23.0	.6	3600.0
021J 923046 00	0.2	<	32.94	9.0	390	22.0	0.4	140	20.0	24	160	5.9	16.0	2	430.0	3.8	5.1	11	120.0	53	14.3	.8	850.0
021J 923047 00	<	<	29.63	3.8	440	8.1	0.4	80	11.0	15	48	3.2	11.0	1	320.0	2.3	3.2	11	110.0	33	15.3	.5	506.0
021J 923048 00	0.2	<	26.46	5.5	420	30.0	0.7	100	14.0	17	71	4.8	14.0	1	320.0	2.8	3.7	8	140.0	34	23.4	.6	1850.0
021J 923049 00	0.2	<	26.59	32.0	420	28.0	0.3	82	79.0	92	64	5.4	14.0	1	360.0	4.3	4.9	8	110.0	35	19.2	.4	3280.0
021J 923050 00	0.2	<	24.30	14.0	490	24.0	0.6	120	58.0	76	79	5.6	19.0	1	430.0	4.7	5.5	7	120.0	45	20.1	.5	1830.0
021J 923051 00	<	<	31.35	42.0	470	12.0	0.3	64	110.0	120	57	5.1	8.0	<	310.0	4.2	5.5	11	90.0	27	11.9	.5	2770.0
021J 923052 00	<	<	24.23	6.3	400	10.0	0.4	63	9.0	10	37	4.2	10.0	1	300.0	1.8	2.6	7	150.0	30	25.9	.3	315.0
021J 923053 00	0.2	<	23.56	6.8	330	5.9	0.4	71	6.0	11	29	4.0	10.0	1	240.0	1.1	1.8	8	130.0	43	20.3	.3	268.0
021J 923055 00	0.2	<	27.67	9.0	480	23.0	0.3	110	23.0	28	61	5.9	23.0	2	320.0	2.2	3.5	10	90.0	40	17.9	.6	870.0
021J 923056 00	0.2	<	29.90	8.9	370	32.0	0.3	100	16.0	17	78	4.8	19.0	2	360.0	3.6	4.2	10	90.0	41	16.7	.6	1120.0
021J 923057 00	0.2	<	31.06	21.0	590	10.0	<	130	28.0	33	160	8.9	37.0	2	640.0	5.1	7.6	7	170.0	58	8.5	.6	970.0
021J 923058 00	0.3	<	26.26	11.0	350	54.8	0.6	93	20.0	21	98	5.3	34.0	2	420.0	4.1	5.1	8	100.0	42	19.9	.5	2270.0
021J 923059 00	0.3	2	16.46	25.0	430	27.0	0.7	73	155.0	160	60	5.4	14.0	<	340.0	5.6	6.1	7	150.0	25	21.7	.4	10000.0
021J 923060 00	0.5	<	26.06	47.0	430	67.5	1.9	150	262.0	330	61	4.3	17.0	2	300.0	9.5	11.0	5	210.0	30	37.3	.3	23000.0
021J 923062 00	0.2	<	24.25	3.6	510	4.7	0.2	80	12.0	15	70	4.2	8.0	1	390.0	1.2	1.8	8	90.0	34	14.9	.4	180.0
021J 923064 00	<	<	31.78	36.0	490	12.0	0.4	65	21.0	24	51	6.3	18.0	2	360.0	2.4	3.6	9	60.0	26	6.8	.2	1470.0
021J 923065 00	0.8	<	23.77	20.0	240	127.0	0.9	220	13.0	17	99	9.4	20.0	4	340.0	3.9	4.4	3	170.0	67	80.1	.7	1430.0
021J 923066 00	<	<	28.78	4.3	400	4.7	0.3	57	4.0	7	41	5.6	6.0	1	290.0	0.65	1.5	12	80.0	26	13.7	.5	128.0
021J 923067 10	<	<	33.08	12.0	460	5.0	0.3	48	5.0	7	44	4.0	6.0	<	270.0	1.1	1.9	13	60.0	22	8.0	.4	269.0
021J 923068 20	<	<	28.74	13.0	390	7.4	0.3	42	7.0	8	35	3.7	8.0	<	260.0	1.2	2.0	11	70.0	21	10.8	.4	424.0
021J 923069 00	<	<	29.67	4.4	530	2.3	0.2	79	2.0	<	67	5.7	6.0	<	370.0	0.5	1.3	13	70.0	34	9.2	.6	76.0
021J 923070 00	0.5	<	21.87	1.6	270	21.0	1.2	90	7.0	9	48	2.9	17.0	2	300.0	0.8	1.3	8	220.0	51	47.2	.4	287.0
021J 923071 00	<	<	27.17	5.2	440	8.5	0.2	80	11.0	14	97	5.8	15.0	2	350.0	2.3	3.9	9	70.0	32	9.8	.4	295.0
021J 923072 00	<	<	24.75	2.9	310	31.0	0.2	76	5.0	7	81	4.0	14.0	1	310.0	1.5	1.8	5	90.0	33	23.4	.3	184.0
021J 923073 00	0.2	<	28.01	1.9	330	5.9	0.2	59	3.0	<	46	2.8	6.0	<	200.0	0.5	1.3	15	80.0	24	10.1	.4	349.0
021J 923074 00	0.2	<	13.91	2.5	230	12.0	0.7	39	9.0	10	<	1.6	10.0	<	250.0	1.4	1.7	4	130.0	16	27.1	<	463.0
021J 923075 00	0.2	<	17.07	6.8	190	13.0	0.5	53	20.0	21	26	2.4	11.0	1	270.0	2.1	2.0	4	150.0	27	29.5	<	604.0
021J 923076 00	<	<	32.17	7.8	490	6.1	0.2	58	14.0	14	39	3.7	10.0	1	270.0	1.6	2.5	13	50.0	25	6.4	.3	458.0
021J 923077 00	0.2	<	24.41	10.0	300	84.0	1.5	75	131.0	150	27	4.9	19.0	2	260.0	2.2	2.5	6	180.0	39	35.7	.4	5590.0
021J 923078 00	0.2	<	21.68	11.0	320	26.0	0.3	87	24.0	27	44	3.0	14.0	1	300.0	2.4	3.0	13	90.0	36	18.7	.4	1040.0
021J 923079 00	0.2	<	15.56	2.0	100	14.0	0.5	38	2.0	<	<	1.6	11.0	<	230.0	0.25	.5	2	150.0	20	74.5	.2	78.0
021J 923080 00	0.4	<	19.75	4.5	280	18.0	0.5	80	7.0	10	63	7.2	17.0	1	380.0	1.0	1.8	5	160.0	34	51.6	<	433.0
021J 923082 10	0.4	<	30.60	12.0	470	25.0	0.5	120	79.0	90	64	13.0	17.0	1	380.0	4.5	6.0	8	150.0	42	19.8	.5	9100.0
021J 923083 20	0.2	<	28.77	12.0	470	27.0	0.6	130	96.0	110	92	12.0	16.0	1	380.0	4.8	6.1	8	150.0	39	22.5	.3	10800.0
021J 923084 00	<	<	29.17	6.4	470	10.0	0.3	67	11.0	13	36	2.8	8.0	<	300.0	1.7	2.7	20	70.0	28	10.4	.5	1520.0
021J 923085 00	0.2	<	23.55	13.0	240	12.0	0.4	49	26.0	33	59	3.5	9.0	<	310.0	2.2	2.4	6	140.0	18	27.1	<	1980.0
021J 923087 00	<	<	27.13	1.6	340	5.8	0.3	45	3.0	<	42	3.8	6.0	<	240.0	0.35	.9	11	80.0	20	14.2	<	177.0

Map	Sample ID	Rep Stat	Zone	Eastng	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Comp	Bottom Prcpt	Bank Prcpt	Stream Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	923088	00	19	706080	5203670	Cos 14		Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923089	00	19	704474	5205221	Cos 14		Sed/Water	20	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923090	00	19	705790	5205201	Cos 14		Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923091	00	19	710340	5205888	Cos 14		Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923092	00	19	710118	5205909	Of 15		Sed/Water	30	2	-	Alluv	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923093	00	19	709916	5206040	Of 15		Sed/Water	40	2	-	Alluv	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923094	00	19	709045	5206059	Of 15		Sed/Water	30	2	-	Alluv	Clear	Modert	Brown	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923095	00	19	707701	5206353	Of 15		Sed/Water	20	2	-	Alluv	Clear	Modert	Brown	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923096	00	19	708162	5205800	Of 15		Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923097	00	19	715773	5208751	Cos 14		Sed/Water	60	2	-	Bare Rk	Clear	Modert	Rd-Bn	210	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923098	00	19	728044	5204593	Omv 15		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923099	00	19	726636	5204144	Omv 15		Sed/Water	30	4	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923100	00	19	727941	5205217	Omv 15		Sed/Water	20	4	-	Alluv	Clear	Slow	Gy-Blu	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923102	00	19	726138	5205667	Omv 15		Sed/Water	30	4	-	Alluv	Clear	Slow	Gy-Blu	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923104	10	19	725856	5202475	Ss2 20		Sed/Water	30	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923105	20	19	725856	5202475	Ss2 20		Sed/Water	30	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923106	00	19	719421	5208818	Cos 14		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923107	00	19	719768	5208857	Cos 14		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923108	00	19	720798	5207969	Cos 14		Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923109	00	19	720884	5206601	Cos 14		Sed/Water	50	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923110	00	19	726036	5207423	Omv 15		Sed/Water	10	2	-	Alluv	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923111	00	19	726799	5207854	Omv 15		Sed/Water	40	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	923112	00	19	724134	5206801	Cos 14		Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923113	00	19	724116	5206893	Cos 14		Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923114	00	19	724945	5207552	Cos 14		Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923115	00	19	724821	5207339	Cos 14		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923116	00	19	722586	5206300	Cos 14		Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923117	00	19	722181	5206110	Cos 14		Sed/Water	30	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923118	00	19	722549	5204622	Cos 14		Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923119	00	19	727156	5193640	Ps5 33		Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923120	00	19	726881	5193604	Ps5 33		Sed/Water	10	4	-	Organic	Clear	Stagnt	Brown	022	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923122	10	19	727132	5195799	Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Slow	Brown	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923123	20	19	727132	5195799	Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Slow	Brown	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923124	00	19	725861	5195440	Ps5 33	Possible	Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923125	00	19	720967	5195498	Ss2 20		Sed/Water	10	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923126	00	19	720530	5195468	Ss2 20	Possible	Sed/Water	60	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923127	00	19	725762	5192017	Ps5 33		Sed/Water	10	2	-	Organic	Clear	Slow	Rd-Bn	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923128	00	19	723483	5191060	Ps5 33		Sed/Water	30	6	-	Organic	Clear	Stagnt	Gy-Blu	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923129	00	19	724895	5182027	Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Modert	Gy-Blu	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923130	00	19	726073	5184650	Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	AuWt g - -	As ppm 5 INAA	Ba ppm 50 INAA	Br ppm 0.5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Cr ppm 20 INAA	Cs ppm 0.5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct 0.2 INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm 0.2 INAA	Mn ppm 5 AAS	
021J 923088 00	0.2	<	27.82	32.0	390	5.7	0.2	53	4.0	6	5.7	7.0	<	320.0	0.75	1.5	10	110.0	24	15.2	.2	219.0	
021J 923089 00	<	3	27.33	5.8	390	14.0	0.3	45	3.0	5	57	6.0	<	410.0	0.75	1.6	10	100.0	20	21.1	.3	337.0	
021J 923090 00	<	<	24.16	1.6	240	8.8	0.2	34	<	<	31	2.7	6.0	1	230.0	0.15	.7	8	110.0	14	31.3	.3	69.0
021J 923091 00	0.2	<	27.71	13.0	310	11.0	<	42	5.0	7	35	5.0	9.0	1	280.0	1.2	2.0	10	130.0	21	25.9	.3	654.0
021J 923092 00	<	<	25.01	9.1	310	11.0	0.4	76	8.0	14	49	3.4	7.0	2	290.0	1.6	2.4	12	120.0	32	17.3	.2	1440.0
021J 923093 00	<	<	33.25	7.1	420	10.0	0.3	81	13.0	17	36	3.0	9.0	1	300.0	1.9	2.9	16	80.0	31	8.7	.4	1480.0
021J 923094 00	<	<	26.54	15.0	310	24.0	0.9	100	25.0	34	61	3.2	9.0	1	260.0	3.3	3.6	10	150.0	34	28.2	<	6710.0
021J 923095 00	0.3	<	24.06	16.0	170	30.0	1.6	110	13.0	16	46	3.4	12.0	2	300.0	1.7	2.1	7	170.0	37	35.8	<	1360.0
021J 923096 00	0.2	<	27.70	16.0	400	22.0	1.3	110	36.0	44	36	6.3	12.0	1	310.0	4.1	4.6	8	170.0	37	26.5	<	11000.0
021J 923097 00	<	<	32.73	8.4	360	11.0	0.3	75	10.0	14	42	3.3	16.0	1	280.0	1.8	2.7	16	70.0	30	10.1	.3	771.0
021J 923098 00	<	<	31.82	3.2	420	3.3	0.3	70	12.0	18	580	3.9	9.0	1	280.0	2.1	2.9	12	60.0	30	9.6	.4	357.0
021J 923099 00	0.2	<	31.74	6.4	460	10.0	0.5	100	12.0	19	91	5.6	11.0	1	460.0	2.6	3.6	10	150.0	44	13.4	.5	528.0
021J 923100 00	0.2	<	27.10	7.1	410	11.0	0.5	120	11.0	17	110	5.1	11.0	2	480.0	3.3	4.0	8	170.0	48	21.1	.4	503.0
021J 923102 00	0.2	<	23.25	14.0	420	10.0	0.6	92	20.0	26	100	3.7	10.0	1	370.0	4.0	4.0	6	160.0	37	22.7	.4	1230.0
021J 923104 10	0.2	<	32.31	3.0	440	4.8	0.4	79	9.0	12	100	4.6	10.0	<	330.0	1.8	2.9	11	90.0	32	11.5	.5	363.0
021J 923105 20	<	<	29.51	3.4	470	4.2	0.4	73	9.0	10	120	4.7	9.0	1	320.0	1.6	2.3	10	60.0	27	9.7	.2	372.0
021J 923106 00	0.2	<	29.09	3.1	310	12.0	0.3	40	<	<	33	4.1	6.0	<	280.0	0.35	1.2	9	90.0	19	20.8	.3	61.0
021J 923107 00	<	<	25.99	2.5	300	12.0	0.2	45	2.0	<	30	4.3	6.0	1	250.0	0.35	.9	9	120.0	20	22.5	.3	71.0
021J 923108 00	0.7	<	23.62	5.2	330	15.0	1.0	93	7.0	12	78	8.2	12.0	3	470.0	1.5	2.1	6	200.0	91	34.7	.5	511.0
021J 923109 00	<	<	30.74	8.4	420	14.0	0.4	76	16.0	23	55	4.1	7.0	1	340.0	2.1	2.9	10	110.0	31	12.4	.4	1210.0
021J 923110 00	0.3	<	24.33	71.8	540	46.0	1.2	170	32.0	45	97	4.8	18.0	3	340.0	9.0	10.0	6	190.0	49	31.2	.6	6590.0
021J 923111 00	<	<	29.19	8.1	410	8.4	0.2	80	9.0	12	95	4.0	10.0	2	340.0	2.1	3.1	12	70.0	34	10.3	.4	257.0
021J 923112 00	<	<	26.14	3.1	360	6.8	0.2	80	5.0	7	73	4.0	10.0	2	390.0	1.4	2.1	10	90.0	33	13.9	.5	213.0
021J 923113 00	<	<	28.23	10.0	380	9.4	0.3	74	17.0	23	57	4.1	8.0	1	340.0	2.3	3.2	10	80.0	32	13.2	.3	1050.0
021J 923114 00	0.2	<	22.89	11.0	290	18.0	0.2	89	9.0	14	57	6.8	7.0	1	450.0	1.6	2.5	6	130.0	39	31.7	<	570.0
021J 923115 00	0.2	<	29.35	9.5	340	12.0	0.2	59	4.0	6	82	5.5	8.0	<	300.0	1.7	2.9	10	90.0	25	18.9	.4	196.0
021J 923116 00	0.3	<	26.18	3.9	270	21.0	0.2	40	2.0	<	35	4.6	6.0	1	230.0	0.4	1.5	7	160.0	18	30.3	.3	51.0
021J 923117 00	<	<	29.34	12.0	430	13.0	0.3	92	17.0	26	76	4.4	10.0	2	300.0	2.8	3.6	11	110.0	35	12.7	.4	795.0
021J 923118 00	<	<	24.68	2.2	410	4.8	<	73	4.0	<	64	4.8	4.0	1	300.0	1.0	1.7	10	70.0	32	10.3	.4	128.0
021J 923119 00	0.2	<	29.92	4.4	750	35.0	1.0	100	12.0	20	65	4.9	10.0	3	250.0	1.8	2.5	17	110.0	42	25.9	1.0	1290.0
021J 923120 00	0.5	<	17.14	1.2	530	16.0	0.8	100	3.0	<	1.3	21.0	2	210.0	0.2	.6	1	310.0	44	84.8	.2	180.0	
021J 923122 10	<	<	17.82	4.2	240	31.0	0.5	86	5.0	5	94	4.5	10.0	3	250.0	1.5	2.0	6	160.0	49	26.7	<	221.0
021J 923123 20	0.2	<	21.64	6.8	320	27.0	0.2	85	7.0	10	91	6.1	10.0	2	280.0	2.0	2.6	8	80.0	52	16.7	<	313.0
021J 923124 00	<	<	23.54	30.0	350	20.0	0.4	110	8.0	10	39	2.3	9.0	1	220.0	4.3	4.2	7	170.0	41	28.7	.2	1310.0
021J 923125 00	<	<	18.98	7.3	450	7.6	<	99	12.0	18	79	5.3	16.0	1	300.0	2.0	3.8	12	60.0	36	6.6	.4	674.0
021J 923126 00	<	<	31.40	9.2	450	13.0	0.2	110	13.0	19	170	5.2	16.0	1	350.0	2.9	4.5	10	70.0	40	9.9	.4	501.0
021J 923127 00	0.2	<	27.17	4.3	420	6.4	0.3	72	11.0	15	91	7.0	13.0	2	350.0	2.3	3.6	8	60.0	32	11.7	.3	364.0
021J 923128 00	<	<	25.41	3.6	650	5.2	0.3	73	10.0	13	82	5.6	11.0	1	420.0	2.1	2.9	9	90.0	35	12.8	.5	351.0
021J 923129 00	<	<	26.91	6.5	470	7.4	0.5	68	17.0	21	72	3.4	7.0	<	180.0	1.7	2.0	11	100.0	27	12.9	.3	2050.0
021J 923130 00	<	<	29.07	4.0	240	14.0	0.2	48	2.0	<	44	4.5	4.0	<	140.0	0.65	1.0	8	90.0	22	18.4	.2	216.0

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J

Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Mo ppm 2	Mo ppm 1	Na pct .02	Ni ppm 2	Ni ppm 10	Pb ppm 2	Rb ppm 5	Sb ppm .1	Sc ppm .2	Sm ppm .1	Sn ppm 1.0	Ta ppm .5	Tb ppm .5	Tl ppm .2	U ppm -2	V ppm 5	W ppm 1	Yb ppm 1	Zn ppm 2	pH	F_W ppb 20	U_W ppb 0.05																				
																							AAS	INAA	AAS	INAA	AAS	INAA	AAS	INAA	AAS	INAA	AAS	INAA	AAS	INAA	AAS	INAA	AAS	INAA	ISE	LIF
021J 923088 00	<	<	1.80	7.0	<	15.0	110	.8	10.0	4.9	<	1.6	.6	11.0	3.4	13.0	2	1	42.0	5.8	80	<																				
021J 923089 00	2.0	2	1.70	3.0	<	13.0	100	1.0	14.0	3.1	<	1.6	<	8.4	3.0	10.0	3	2	26.0	6.2	90	<																				
021J 923090 00	3.0	<	1.90	2.0	<	11.0	74	.9	8.0	2.1	<	1.1	<	5.5	1.8	8.0	1	1	23.0	6.0	80	<																				
021J 923091 00	2.0	<	1.90	3.0	<	14.0	82	.7	10.0	3.1	<	1.4	<	7.4	2.5	15.0	1	1	24.0	4.6	60	<																				
021J 923092 00	3.0	<	1.90	9.0	<	18.0	73	.5	10.0	6.5	1.0	1.4	1.0	10.0	4.5	18.0	2	2	63.0	6.7	80	<																				
021J 923093 00	2.0	1	2.44	12.0	<	16.0	91	.5	12.0	6.3	<	1.9	1.0	12.0	4.1	21.0	1	3	55.0	6.4	90	<																				
021J 923094 00	5.0	3	1.60	11.0	<	28.0	73	.6	9.0	6.6	1.0	1.4	.9	9.3	4.7	22.0	1	2	100.0	7.2	75	<																				
021J 923095 00	2.0	<	1.30	10.0	<	30.0	57	.5	8.5	8.2	<	1.2	1.2	8.3	7.9	14.0	<	2	128.0	7.3	80	0.05																				
021J 923096 00	3.0	<	1.30	19.0	25	30.0	95	.8	11.0	8.6	<	1.4	1.1	13.0	4.5	33.0	2	1	158.0	7.0	80	<																				
021J 923097 00	3.0	<	2.19	11.0	<	13.0	100	.5	11.0	6.4	<	1.9	.8	11.0	4.2	14.0	2	2	49.0	6.7	90	0.05																				
021J 923098 00	<	<	1.90	99.0	110	8.0	89	.5	14.0	5.7	<	1.3	.9	10.0	3.1	34.0	1	2	67.0	6.9	90	<																				
021J 923099 00	2.0	<	1.70	23.0	28	11.0	100	.5	16.0	8.7	<	1.5	1.2	13.0	4.8	39.0	2	3	136.0	7.7	80	<																				
021J 923100 00	2.0	<	1.40	24.0	19	15.0	86	.6	16.0	10.0	1.0	1.1	1.4	12.0	4.9	42.0	1	2	118.0	7.6	90	<																				
021J 923102 00	<	<	.85	25.0	32	30.0	120	1.0	16.0	6.7	1.0	1.4	1.0	11.0	2.9	27.0	1	2	148.0	6.6	65	<																				
021J 923104 10	<	<	2.00	23.0	33	10.0	110	.7	14.0	6.4	<	1.7	.9	11.0	3.3	26.0	2	2	73.0	7.0	70	<																				
021J 923105 20	<	<	1.80	22.0	<	11.0	110	.8	12.0	5.8	1.0	1.7	.7	10.0	3.0	26.0	2	2	64.0	7.0	80	<																				
021J 923106 00	<	<	2.00	3.0	<	12.0	88	.6	10.0	3.3	<	1.2	.5	7.2	2.5	9.0	1	1	21.0	5	70	<																				
021J 923107 00	2.0	<	2.00	3.0	<	12.0	95	.7	7.7	3.2	<	1.3	.6	7.1	2.4	9.0	1	1	22.0	5	70	<																				
021J 923108 00	3.0	<	1.20	16.0	21	28.0	120	.8	20.0	17.8	1.0	1.2	2.1	17.0	10.0	21.0	1	3	98.0	6.7	70	<																				
021J 923109 00	2.0	<	2.04	13.0	18	24.0	110	.7	13.0	5.7	<	1.3	.9	10.0	3.5	28.0	2	2	56.0	6.5	70	<																				
021J 923110 00	20.0	15	1.00	23.0	26	37.0	85	1.8	18.0	11.2	<	1.1	1.4	12.0	5.2	66.0	1	3	264.0	7.0	70	<																				
021J 923111 00	2.0	<	1.70	15.0	24	19.0	110	.8	15.0	6.1	1.0	1.7	.8	11.0	3.2	29.0	2	2	54.0	6.5	70	<																				
021J 923112 00	2.0	<	1.70	12.0	27	17.0	100	.8	14.0	5.8	2.0	1.4	.7	11.0	2.9	18.0	2	2	44.0	6.0	80	<																				
021J 923113 00	2.0	<	1.80	13.0	18	23.0	99	.6	14.0	5.8	1.0	1.5	1.0	11.0	3.1	28.0	2	2	63.0	6.4	80	<																				
021J 923114 00	2.0	<	1.10	7.0	<	23.0	110	1.0	15.0	6.0	1.0	1.2	<	10.0	3.1	18.0	<	2	37.0	5.3	80	<																				
021J 923115 00	2.0	<	1.70	10.0	<	12.0	91	.7	15.0	4.0	1.0	1.4	.5	8.3	2.9	28.0	1	1	38.0	6.1	70	<																				
021J 923116 00	2.0	<	1.60	4.0	<	11.0	82	.7	11.0	3.0	<	1.2	<	7.5	2.7	10.0	2	1	22.0	4.2	60	<																				
021J 923117 00	2.0	<	1.60	15.0	<	26.0	120	.9	12.0	7.6	<	1.7	1.2	13.0	4.5	27.0	2	2	63.0	6.6	70	<																				
021J 923118 00	<	<	1.60	9.0	27	10.0	110	.6	13.0	5.6	<	1.7	.8	10.0	3.3	10.0	2	2	33.0	5.7	70	<																				
021J 923119 00	2.0	<	1.50	17.0	22	19.0	99	.8	14.0	12.8	<	2.1	1.8	14.0	4.8	21.0	2	4	65.0	7.1	70	<																				
021J 923120 00	2.0	<	.09	7.0	<	6.0	13	1.4	12.0	9.4	<	<	1.3	7.3	4.3	8.0	<	2	41.0	6.4	80	<																				
021J 923122 10	2.0	<	1.20	13.0	<	33.0	73	.6	12.0	10.0	1.0	1.0	1.4	8.6	11.0	23.0	2	2	49.0	6.6	70	<																				
021J 923123 20	2.0	<	1.40	16.0	33	15.0	93	.6	13.0	10.5	1.0	1.2	1.2	10.0	11.0	23.0	1	2	47.0	6.7	80	<																				
021J 923124 00	2.0	<	1.30	9.0	<	16.0	71	.7	9.1	7.4	<	1.2	.9	9.4	4.4	45.0	1	2	75.0	6.8	70	<																				
021J 923125 00	2.0	<	1.90	18.0	24	10.0	130	.7	13.0	7.1	1.0	1.6	1.1	13.0	3.8	38.0	2	2	59.0	7.1	60	<																				
021J 923126 00	2.0	<	1.70	30.0	34	10.0	100	.8	17.0	8.9	1.0	1.7	1.4	12.0	4.4	40.0	2	2	79.0	7.2	70	<																				
021J 923127 00	<	<	1.20	24.0	31	11.0	84	.7	15.0	6.9	1.0	1.5	1.0	12.0	5.3	37.0	1	2	77.0	6.9	90	<																				
021J 923128 00	<	<	1.40	20.0	24	9.0	83	.5	15.0	6.8	1.0	1.5	.9	12.0	2.5	29.0	3	2	58.0	6.8	80	<																				
021J 923129 00	2.0	<	1.30	13.0	25	13.0	68	.5	8.5	5.4	3.0	1.3	.7	8.2	2.5	22.0	1	1	78.0	6.7	90	<																				
021J 923130 00	<	<	1.10	3.0	<	16.0	76	.4	6.0	3.6	3.0	1.3	.6	6.3	1.9	12.0	1	1	27.0	7.0	80	<																				

Map	Sample ID	Rep Stat	Zone	East	North	UTM	Rock Unit	Age	Sample Type	Stream Width	Stream Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Sample Comp	Bottom Prcpt	Bank Prcpt	Stream Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	923131	00	19	727224	5185288		Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923132	00	19	727230	5185497		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923133	00	19	728779	5186669		Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Modert	Gy-Blu	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923134	00	19	724161	5187741		Ps5 33		Sed/Water	20	4	-	Organic	Clear	Stagnt	Brown	031	-	-	Hill	Poor	Permnt	Sec'ary	Ground
021J	923136	00	19	720102	5205591		C0s 14		Sed/Water	30	2	-	Alluv	Clear	Slow	Gy-Blu	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923137	00	19	716844	5196903		Ss2 20		Sed/Water	30	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923138	00	19	717684	5196959		Ss2 20		Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923139	00	19	710734	5199682		Ofv 15		Sed/Water	30	2	-	Alluv	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923140	00	19	728421	5196756		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Modert	Brown	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923142	10	19	724353	5194250		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923143	20	19	724353	5194250		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923144	00	19	718165	5181462		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923145	00	19	718495	5183256		Ps5 33		Sed/Water	10	4	-	Alluv	Clear	Slow	Rd-Bn	120	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923147	00	19	716256	5183865		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923148	00	19	716315	5183655		Ps5 33		Sed/Water	10	2	-	Alluv	Clear	Slow	Brown	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923149	00	19	715674	5182091		Ps5 33		Sed/Water	10	2	-	Alluv	Clear	Modert	Brown	130	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923150	00	19	715271	5181796		Ps5 33		Sed/Water	10	2	-	Alluv	Clear	Slow	Rd-Bn	130	-	-	Hill	Poor	Permnt	Sec'ary	Ground
021J	923151	00	19	728540	5182971		Ps5 33		Sed/Water	40	2	-	Alluv	Clear	Modert	Gy-Blu	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923152	00	19	726664	5182854		Ps5 33		Sed/Water	40	2	-	Alluv	Clear	Modert	Gy-Blu	120	-	-	Hill	Poor	Permnt	Sec'ary	Ground
021J	923153	00	19	721976	5181901		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Rd-Bn	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923154	00	19	727584	5190636		Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923155	00	19	727413	5190820		Ps5 33		Sed/Water	350	4	-	Alluv	Clear	Modert	Brown	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923156	00	19	726019	5189088		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Brown	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923157	00	19	718185	5194327		Ss2 20		Sed/Water	40	2	-	Colluv	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923158	00	19	718343	5194208		Ss2 20		Sed/Water	10	2	-	Alluv	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923159	00	19	724809	5191248		Ps5 33		Sed/Water	40	6	-	Alluv	Clear	Stagnt	Rd-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923160	00	19	724073	5190247		Ps5 33		Sed/Water	20	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923162	10	19	714052	5182074		Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923163	20	19	714052	5182074		Ps5 33		Sed/Water	30	2	-	Alluv	Clear	Modert	Rd-Bn	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	923164	00	19	713811	5181916		Ps5 33		Sed/Water	200	4	-	Alluv	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	923165	00	19	711873	5187344		Ss2 20		Sed/Water	30	2	-	Alluv	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	923166	00	19	711797	5188696		Ss2 20		Sed/Water	20	2	-	Alluv	Clear	Slow	Brown	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923167	00	19	711114	5189581		Ps2 33		Sed/Water	20	2	-	Alluv	Clear	Slow	Brown	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	923168	00	19	713687	5186106		Ps2 33		Sed/Water	200	4	-	Alluv	Clear	Modert	Gy-Blu	220	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924002	00	19	677935	5188932		Df2 25		Sed/Water	25	3	Possible	Till	Clear	Modert	Brown	310	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924003	00	19	675930	5190302		C0p 14		Sed/Water	20	2	Probable	Till	Clear	Slow	Brown	031	Black	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924004	00	19	676212	5190591		Df2 25		Sed/Water	20	2	Possible	Till	Clear	Modert	Brown	310	Black	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924005	00	19	678663	5191995		Df2 25		Sed/Water	7	1	Possible	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Refemrg	Sec'ary	Ground
021J	924006	10	19	680585	5190742		C0s 14		Sed/Water	7	1	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924007	20	19	680585	5190742		C0s 14		Sed/Water	7	1	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	AuHt g - -	As ppm -5 INAA	Ba ppm 50 INAA	Br ppm -5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Cr ppm 20 INAA	Cs ppm -5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct -2 INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm -2 INAA	Mn ppm 5 AAS	
021J 923131 00	0.2	<	25.49	2.8	340	9.2	0.9	59	14.0	21	52	4.4	6.0	<	170.0	1.1	1.6	7	100.0	23	17.8	.3	625.0
021J 923132 00	<	<	27.47	8.2	400	9.1	0.8	78	19.0	29	72	4.5	6.0	1	200.0	1.8	2.6	10	120.0	29	14.0	.4	980.0
021J 923133 00	<	<	29.55	3.6	340	10.0	0.4	76	16.0	24	53	4.4	6.0	1	180.0	1.7	2.5	11	70.0	30	10.8	.5	731.0
021J 923134 00	0.2	<	19.28	11.0	670	8.9	4.4	120	14.0	23	53	2.8	14.0	4	170.0	1.6	1.9	5	180.0	37	36.4	.7	2020.0
021J 923136 00	<	<	29.75	4.9	450	5.8	0.2	87	11.0	13	65	5.4	10.0	1	290.0	1.4	2.7	14	80.0	40	8.0	.5	188.0
021J 923137 00	<	<	19.15	2.8	230	14.0	0.4	110	7.0	6	74	6.1	15.0	2	360.0	2.2	2.8	6	100.0	51	21.1	<	190.0
021J 923138 00	0.2	<	28.19	7.5	390	33.0	0.4	110	13.0	15	98	7.6	23.0	4	310.0	3.4	4.5	9	110.0	65	16.1	.7	850.0
021J 923139 00	0.3	<	26.76	24.0	350	34.0	0.3	67	24.0	31	84	7.4	13.0	1	250.0	2.7	3.7	9	120.0	28	17.2	.3	1500.0
021J 923140 00	<	3	14.23	3.1	220	48.0	0.4	51	3.0	<	38	3.3	11.0	<	180.0	0.7	1.2	4	110.0	31	34.7	<	90.0
021J 923142 10	<	<	42.44	4.0	450	2.8	0.3	75	6.0	11	49	3.5	8.0	1	220.0	1.1	2.1	16	60.0	31	5.7	.4	201.0
021J 923143 20	<	<	32.20	4.1	490	2.8	0.2	75	6.0	10	55	3.8	10.0	1	280.0	1.2	2.1	15	70.0	32	5.9	.6	192.0
021J 923144 00	0.2	<	29.20	6.5	440	5.8	0.3	69	15.0	25	59	4.2	7.0	<	180.0	1.6	2.1	10	140.0	29	10.9	.4	1660.0
021J 923145 00	<	<	27.08	2.1	340	7.9	0.2	71	3.0	7	58	4.6	6.0	1	200.0	0.7	1.3	9	140.0	29	18.3	.4	238.0
021J 923147 00	0.2	<	23.98	8.4	310	11.0	1.0	66	19.0	26	82	6.5	10.0	1	250.0	1.1	1.9	6	150.0	24	26.0	<	930.0
021J 923148 00	0.2	<	26.60	64.0	1400	15.0	1.1	62	27.0	36	55	6.7	8.0	1	200.0	3.5	3.8	7	110.0	24	19.7	.2	17000.0
021J 923149 00	0.2	<	28.65	43.0	850	29.0	0.9	140	36.0	54	100	7.3	15.0	2	280.0	3.8	5.5	8	130.0	34	17.1	.3	12600.0
021J 923150 00	<	<	30.57	3.6	330	2.1	0.3	67	6.0	9	80	3.5	7.0	1	190.0	0.95	2.1	12	70.0	28	6.1	.3	196.0
021J 923151 00	<	<	29.28	5.1	460	4.8	0.3	77	13.0	21	81	4.1	12.0	1	250.0	2.0	2.9	10	60.0	31	6.3	.5	1080.0
021J 923152 00	<	<	31.98	4.1	440	5.7	0.4	75	16.0	22	65	4.8	9.0	2	210.0	1.9	2.7	9	60.0	30	7.0	.4	1440.0
021J 923153 00	0.2	<	27.94	4.0	390	8.5	0.4	63	20.0	29	49	3.9	7.0	1	140.0	1.5	1.7	8	80.0	24	12.3	.3	1080.0
021J 923154 00	<	3	28.06	6.3	470	19.0	1.0	78	11.0	17	77	3.6	10.0	1	160.0	2.2	2.7	9	80.0	29	15.5	.4	2180.0
021J 923155 00	<	<	27.21	10.0	370	14.0	0.4	86	14.0	20	100	5.9	17.0	2	250.0	3.1	4.1	9	60.0	35	11.7	.4	1330.0
021J 923156 00	<	<	29.98	6.9	520	5.4	0.6	83	12.0	19	62	3.8	9.0	1	160.0	1.7	2.8	11	90.0	32	8.8	.5	1060.0
021J 923157 00	<	5	24.29	11.0	420	25.0	0.6	120	24.0	34	120	6.2	20.0	3	300.0	4.3	5.0	8	130.0	46	23.0	.4	2840.0
021J 923158 00	0.6	<	22.35	12.0	320	103.0	1.5	100	12.0	17	97	2.7	28.0	11	150.0	4.4	4.7	2	300.0	140	60.0	1.2	9000.0
021J 923159 00	<	<	28.74	5.2	330	6.2	0.2	100	6.0	11	82	5.3	14.0	1	200.0	1.6	2.8	11	90.0	38	8.8	<	176.0
021J 923160 00	0.2	<	35.92	8.2	530	11.0	0.3	65	17.0	26	76	5.0	8.0	1	180.0	2.2	3.7	9	70.0	27	7.8	.4	2270.0
021J 923162 10	0.2	3	15.83	6.8	420	4.2	0.2	64	9.0	13	83	4.4	10.0	<	280.0	1.9	2.8	8	70.0	25	7.3	.3	990.0
021J 923163 20	<	<	29.89	8.1	450	5.8	0.2	66	11.0	16	78	4.5	9.0	1	300.0	2.1	3.3	8	90.0	27	9.3	.3	1640.0
021J 923164 00	0.2	3	26.26	9.2	370	13.0	0.3	78	14.0	22	140	6.3	17.0	1	350.0	3.4	4.4	10	90.0	34	13.8	.4	970.0
021J 923165 00	<	<	26.19	20.0	500	25.0	0.9	84	33.0	41	83	5.2	21.0	1	290.0	4.3	4.8	8	100.0	30	19.0	.4	6810.0
021J 923166 00	<	<	26.55	4.9	380	12.0	0.8	63	11.0	16	59	5.7	9.0	<	260.0	1.7	2.3	9	130.0	24	16.7	.4	1650.0
021J 923167 00	0.2	<	25.18	6.9	380	18.0	0.9	110	18.0	23	130	5.4	10.0	1	320.0	3.9	4.1	6	180.0	36	32.2	.3	2160.0
021J 923168 00	<	<	32.90	15.0	350	10.0	0.2	72	11.0	15	110	5.5	14.0	1	300.0	3.9	5.4	9	60.0	31	8.7	.3	930.0
021J 924002 00	0.2	3	18.59	2.7	180	25.0	0.8	60	20.0	21	72	3.9	11.0	<	210.0	3.4	4.2	5	130.0	24	20.4	<	2760.0
021J 924003 00	0.2	5	13.59	2.7	97	26.0	1.1	45	16.0	16	24	3.2	12.0	<	180.0	2.2	2.1	1	220.0	23	32.7	<	3130.0
021J 924004 00	<	<	16.11	1.6	81	26.0	0.8	63	13.0	19	68	2.8	11.0	1	250.0	2.1	4.2	9	100.0	27	17.8	<	1600.0
021J 924005 00	0.2	<	18.92	1.8	130	19.0	0.8	45	7.0	8	44	11.0	11.0	1	280.0	1.6	2.0	4	130.0	22	35.3	<	830.0
021J 924006 10	0.3	<	29.02	3.2	310	13.0	0.8	60	30.0	35	60	10.0	10.0	<	290.0	3.2	4.3	8	110.0	24	16.8	.3	1000.0
021J 924007 20	0.2	<	23.60	3.2	300	13.0	0.4	53	30.0	35	110	8.5	10.0	<	280.0	3.6	4.5	7	120.0	22	17.9	.3	860.0

Analytical Data

Variables: Units: Detection Limit: Analytical Method:			Mo	Mo	Na	Ni	Ni	Pb	Rb	Sb	Sc	Sm	Sn	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F_W ppb	U_W ppb
			ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ISE	LIF	
			AAS	INAA	INAA	AAS	AAS	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	20	0.05
021J	923131	00	<	<	1.20	10.0	13	19.0	69	.4	7.2	4.1	1.0	1.1	<	7.0	2.2	20.0	1	1	77.0	7.2	90	<
021J	923132	00	2.0	<	1.50	15.0	26	13.0	78	.4	10.0	6.3	1.0	1.5	.7	10.0	2.9	25.0	<	2	81.0	6.9	80	<
021J	923133	00	2.0	<	1.30	14.0	<	14.0	78	.4	9.3	5.7	4.0	1.3	.8	10.0	2.8	23.0	1	2	74.0	7.2	90	<
021J	923134	00	2.0	<	.71	16.0	19	21.0	45	.6	11.0	13.9	1.0	.9	1.8	6.9	3.1	24.0	1	3	135.0	6.5	70	<
021J	923136	00	4.0	2	2.10	20.0	25	15.0	120	.8	15.0	7.4	<	2.0	1.0	14.0	4.3	22.0	2	2	72.0	6.3	70	<
021J	923137	00	<	<	1.10	19.0	36	14.0	89	.5	15.0	10.0	<	1.1	1.3	11.0	10.0	30.0	1	2	71.0	6.9	70	<
021J	923138	00	3.0	<	1.40	38.0	48	14.0	130	.8	18.0	15.7	1.0	1.3	2.1	14.0	6.7	38.0	3	3	108.0	7.1	70	<
021J	923139	00	2.0	<	1.60	18.0	<	37.0	110	.9	13.0	4.9	1.0	1.4	.6	11.0	3.5	40.0	2	2	74.0	6.3	80	<
021J	923140	00	<	<	.83	7.0	17	20.0	42	.6	7.1	5.2	<	.7	.6	5.0	5.1	19.0	<	1	43.0	6.8	80	<
021J	923142	10	2.0	<	1.90	10.0	<	8.0	120	.5	10.0	6.2	3.0	1.6	1.0	12.0	3.8	20.0	1	2	45.0	6.9	80	0.14
021J	923143	20	2.0	<	2.00	11.0	<	7.0	110	.5	11.0	6.3	2.0	1.7	.9	13.0	4.0	19.0	1	2	45.0	6.8	80	<
021J	923144	00	<	<	1.30	11.0	<	20.0	74	.5	9.4	5.2	1.0	1.4	.7	8.7	2.7	20.0	2	1	55.0	6.7	70	<
021J	923145	00	<	<	1.30	7.0	<	12.0	72	.6	10.0	5.1	1.0	1.4	.8	8.9	2.8	11.0	1	1	36.0	5.7	60	<
021J	923147	00	2.0	<	1.30	13.0	20	32.0	83	.3	11.0	5.5	6.0	1.5	.7	10.0	5.5	25.0	2	2	78.0	7.4	120	<
021J	923148	00	3.0	<	1.30	15.0	17	33.0	110	.5	10.0	5.6	4.0	1.9	.7	11.0	3.9	37.0	1	2	94.0	6.2	70	<
021J	923149	00	2.0	<	1.20	31.0	18	29.0	110	.7	17.0	9.3	10.0	2.2	1.5	17.0	6.0	50.0	1	2	98.0	7.3	100	<
021J	923150	00	2.0	<	2.03	11.0	25	5.0	120	.4	11.0	5.8	9.0	2.2	.9	12.0	3.5	15.0	4	2	33.0	6.5	70	<
021J	923151	00	<	<	1.00	18.0	15	12.0	89	.6	10.0	6.0	2.0	1.3	.9	9.4	2.9	17.0	1	1	81.0	7.2	90	<
021J	923152	00	2.0	<	1.10	18.0	21	10.0	95	.5	10.0	5.9	<	1.4	.8	9.2	2.6	23.0	1	2	88.0	7.2	90	<
021J	923153	00	2.0	<	1.20	10.0	19	24.0	75	.6	7.3	4.5	1.0	1.2	.7	6.8	2.1	19.0	1	1	43.0	6.8	75	<
021J	923154	00	<	<	1.30	16.0	<	11.0	75	.6	11.0	7.1	<	1.2	1.0	8.5	3.0	26.0	1	2	97.0	7.1	90	<
021J	923155	00	2.0	<	1.30	25.0	<	13.0	89	.8	14.0	7.1	1.0	1.4	1.0	12.0	5.0	36.0	1	2	89.0	7.1	90	<
021J	923156	00	<	<	1.60	15.0	25	9.0	76	.6	13.0	7.7	1.0	1.6	1.2	11.0	3.3	27.0	1	2	82.0	6.9	80	<
021J	923157	00	2.0	<	1.30	42.0	59	16.0	82	.9	19.0	10.0	1.0	1.4	1.3	12.0	4.3	40.0	<	3	146.0	7.3	80	<
021J	923158	00	4.0	<	.68	34.0	39	21.0	30	.8	28.3	29.9	1.0	.7	4.0	6.2	3.4	35.0	<	6	147.0	7.1	80	<
021J	923159	00	<	<	1.20	17.0	16	12.0	99	.7	12.0	8.2	6.0	2.0	1.0	13.0	5.3	30.0	3	2	43.0	7.0	90	<
021J	923160	00	2.0	<	1.40	17.0	<	10.0	96	.6	12.0	5.7	1.0	1.7	.8	10.0	3.0	31.0	2	1	73.0	7.2	90	<
021J	923162	10	<	<	1.70	18.0	27	9.0	100	.5	12.0	5.4	3.0	1.6	1.1	11.0	3.8	31.0	2	2	60.0	7.3	80	<
021J	923163	20	2.0	<	1.80	18.0	23	8.0	110	.5	13.0	5.9	1.0	1.7	.9	11.0	4.1	29.0	2	2	64.0	7.1	90	<
021J	923164	00	<	<	1.30	30.0	44	13.0	98	.8	17.0	7.0	3.0	1.8	.9	13.0	5.6	47.0	2	2	90.0	7.3	90	<
021J	923165	00	2.0	<	1.50	28.0	36	33.0	88	.9	15.0	6.0	1.0	1.1	1.1	11.0	3.4	53.0	1	2	144.0	7.0	70	<
021J	923166	00	<	<	1.90	10.0	28	30.0	81	.6	13.0	4.6	1.0	1.2	.6	9.5	2.9	23.0	1	1	66.0	6.9	60	<
021J	923167	00	<	<	1.40	26.0	32	11.0	59	.4	15.0	7.8	<	1.0	1.3	11.0	5.3	44.0	<	2	162.0	7.2	60	<
021J	923168	00	2.0	<	1.80	20.0	45	10.0	110	.8	14.0	7.0	4.0	1.7	.9	11.0	4.6	42.0	4	2	64.0	7.0	90	0.05
021J	924002	00	7.0	4	1.40	14.0	23	20.0	34	.6	13.0	5.6	1.0	1.1	.7	9.1	10.0	64.0	4	3	108.0	6.4	70	0.06
021J	924003	00	4.0	2	.50	11.0	22	43.0	31	.7	6.1	4.7	<	.6	.6	6.6	9.2	43.0	<	3	112.0	6.4	70	0.12
021J	924004	00	3.0	2	1.70	14.0	<	16.0	42	1.0	19.0	6.2	<	1.1	1.1	11.0	21.6	46.0	1	4	116.0	6.6	70	0.14
021J	924005	00	3.0	1	1.00	13.0	<	23.0	67	.6	9.3	2.7	<	1.3	.8	10.0	25.5	34.0	1	3	94.0	6.3	60	0.41
021J	924006	10	8.0	8	1.50	17.0	<	19.0	90	.6	13.0	4.9	1.0	1.7	.6	13.0	4.3	88.0	6	4	69.0	6.5	50	<
021J	924007	20	10.0	10	1.50	27.0	18	20.0	73	.3	11.0	4.5	1.0	1.6	.6	12.0	4.1	88.0	7	2	63.0	6.5	40	<

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Field Data

Map	Sample ID	Rep Stat	Zone	East	North	UTM	Unit	Rock Age	Sample Type	Stream Width	Stream Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Bottom	Bank	Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	924008	00	19	681587	5191033		Cos 14	Sed/Water	20	4	-	Organic	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924009	00	19	682654	5190017		Cos 14	Sed/Water	4	2	Possible	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924010	00	19	679074	5190680		Df2 25	Sed/Water	20	2	-	Till	Clear	Slow	Brown	120	Black	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924011	00	19	679080	5190561		Df2 25	Sed/Water	40	3	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924012	00	19	679230	5190511		Df2 25	Sed/Water	60	3	Possible	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924013	00	19	683986	5187070		Of 15	Sed/Water	28	4	Possible	Till	Clear	Slow	Rd-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924014	00	19	683696	5187810		Of 15	Sed/Water	12	2	Possible	Till	Clear	Modert	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924015	00	19	684041	5188057		Of 15	Sed/Water	15	2	-	Till	Clear	Slow	Bf-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924016	00	19	685979	5190386		Of 15	Sed/Water	8	2	Possible	Till	Clear	Modert	Bf-Bn	320	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924017	00	19	685679	5190922		Of 15	Sed/Water	30	3	Possible	Till	Clear	Modert	Brown	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924018	00	19	685798	5191880		Of 15	Sed/Water	12	3	Possible	Till	Clear	Slow	Brown	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924019	00	19	685842	5192118		Of 15	Sed/Water	22	4	Possible	Till	Clear	Modert	Brown	230	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924022	00	19	685088	5192646		Of 15	Sed/Water	10	3	-	Till	Clear	Slow	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924024	10	19	685107	5192999		Of 15	Sed/Water	28	3	Possible	Till	Clear	Modert	Gy-Blu	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924025	20	19	685107	5192999		Of 15	Sed/Water	28	3	Possible	Till	Clear	Modert	Gy-Blu	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924026	00	19	682413	5192398		Cos 14	Sed/Water	18	3	Possible	Till	Clear	Slow	Bf-Bn	220	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	924027	00	19	681245	5192582		Dm 25	Sed/Water	22	3	Possible	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924028	00	19	681441	5193708		Cos 14	Sed/Water	6	1	-	Till	Clear	Modert	Brown	031	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924029	00	19	680768	5193840		Cos 14	Sed/Water	20	1	Possible	Till	Clear	Slow	Gy-Blu	320	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924030	00	19	681828	5195115		Cos 14	Sed/Water	40	2	Possible	Till	Clear	Slow	Gy-Blu	320	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924031	00	19	680896	5196247		Cos 14	Sed/Water	30	3	Possible	Organic	Clear	Slow	Brown	131	-	-	Swamp	Dendrc	Permnt	Sec'ary	Ground
021J	924032	00	19	679906	5197097		Cos 14	Sed/Water	28	3	Possible	Till	Clear	Modert	Bf-Bn	130	Black	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924033	00	19	676017	5194147		Df2 25	Sed/Water	5	2	Probable	Till	Clear	Stagnt	Black	023	Black	-	Hill	Poor	Re'emerg	Pri'ary	Ground
021J	924034	00	19	683595	5195624		Cos 14	Sed/Water	45	4	Possible	Organic	Clear	Modert	Bf-Bn	230	Black	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924035	00	19	682748	5195929		Cos 14	Sed/Water	7	2	Possible	Organic	BnTrans	Slow	Brown	121	Black	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924036	00	19	678179	5197706		Cop 14	Sed/Water	6	1	Possible	Till	Clear	Stagnt	Brown	022	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924037	00	19	677584	5196568		Cop 14	Sed/Water	40	3	-	Till	Clear	Modert	Bf-Bn	220	Black	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924038	00	19	677656	5196687		Cop 14	Sed/Water	20	2	Possible	Till	Clear	Slow	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924039	00	19	675705	5196891		Cop 14	Sed/Water	7	1	Possible	Till	Clear	Modert	Bf-Bn	120	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924040	00	19	675557	5195420		Df2 25	Sed/Water	25	7	-	Organic	Clear	Slow	Rd-Bn	013	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924043	00	19	675090	5195685		Df2 25	Sed/Water	33	3	Possible	Organic	Clear	Slow	Brown	320	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924044	00	19	673689	5196258		Df2 25	Sed/Water	10	1	-	Till	Clear	Modert	Brown	130	Bf-Bn	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924045	10	19	673000	5198710		Of 15	Sed/Water	18	2	Possible	Till	Clear	Modert	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924046	20	19	673000	5198710		Of 15	Sed/Water	18	2	Possible	Till	Clear	Modert	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924047	00	19	675527	5200095		Cop 14	Sed/Water	10	1	Possible	Till	Clear	Slow	Bf-Bn	230	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924048	00	19	674705	5200544		Df2 25	Sed/Water	60	4	Possible	Till	Clear	Fast	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924049	00	19	676579	5202992		Df3 25	Sed/Water	20	4	-	Till	Clear	Slow	Brown	120	-	-	Hill	Poor	Permnt	Pri'ary	Ground
021J	924050	00	19	676487	5203751		Df3 25	Sed/Water	40	5	Possible	Organic	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924051	00	19	673150	5202334		Of 15	Sed/Water	28	2	Forestry	Organic	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924052	00	19	673736	5202788		Cop 14	Sed/Water	11	2	Forestry	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	AuWt g -	As ppm .5 INAA	Ba ppm 50 INAA	Br ppm .5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Co ppm 5 INAA	Cr ppm 20 INAA	Cs ppm .5 INAA	Cu ppm 2 AAS	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct .2 INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm .2 INAA	Mn ppm 5 AAS
021J 924008 00	<	<	14.73	1.7	140	14.0	1.1	32	8.0	10	36	1.7	11.0	<	180.0	0.6	1.1	3	250.0	16	46.7	<	333.0
021J 924009 00	<	<	20.57	4.0	300	26.0	0.4	51	24.0	28	50	7.0	15.0	<	250.0	2.7	3.5	6	120.0	22	30.0	.2	1340.0
021J 924010 00	<	<	21.66	2.6	180	23.0	0.8	34	23.0	28	54	3.5	12.0	2	180.0	2.9	4.4	7	180.0	16	20.1	<	2710.0
021J 924011 00	<	<	15.85	2.6	75	30.0	0.9	30	24.0	22	22	2.6	14.0	<	200.0	4.2	4.0	3	240.0	15	31.9	<	2380.0
021J 924012 00	0.2	<	16.51	2.2	89	24.0	1.3	36	17.0	18	24	1.8	12.0	1	180.0	2.0	2.4	3	170.0	16	43.4	<	1770.0
021J 924013 00	<	<	19.63	.8	350	10.0	0.3	50	14.0	16	68	2.9	15.0	2	220.0	2.3	2.9	5	100.0	22	28.4	.3	631.0
021J 924014 00	<	<	21.40	.6	230	8.7	0.4	38	6.0	11	44	2.9	10.0	1	180.0	1.2	2.4	8	100.0	17	22.5	.4	401.0
021J 924015 00	<	<	29.55	3.0	440	24.0	1.0	74	18.0	28	94	6.2	10.0	3	250.0	2.4	4.4	14	80.0	34	12.2	.3	1700.0
021J 924016 00	<	<	25.79	2.3	290	34.0	0.8	89	13.0	18	54	9.1	12.0	1	270.0	2.1	3.6	7	100.0	27	24.6	.3	1250.0
021J 924017 00	<	<	18.58	6.1	120	53.5	2.0	48	15.0	14	44	4.2	15.0	2	200.0	2.1	2.4	2	170.0	27	46.8	<	2780.0
021J 924018 00	0.2	<	14.86	2.0	67	28.0	1.3	82	10.0	12	29	7.0	14.0	1	290.0	1.4	1.7	3	290.0	37	50.1	<	1550.0
021J 924019 00	<	<	21.67	1.4	240	13.0	0.6	44	4.0	<	32	4.8	8.0	1	200.0	0.55	1.2	7	90.0	24	28.6	.2	330.0
021J 924022 00	<	<	22.48	3.7	360	20.0	0.5	67	10.0	15	46	6.8	15.0	1	240.0	1.7	2.7	10	70.0	28	22.2	.3	517.0
021J 924024 10	<	<	25.42	1.6	340	13.0	0.4	47	5.0	6	46	3.9	6.0	1	180.0	0.55	1.3	11	80.0	24	14.8	.4	713.0
021J 924025 20	0.2	<	26.43	1.6	340	12.0	0.4	53	3.0	6	28	4.1	6.0	1	160.0	0.45	1.4	11	60.0	23	13.2	.4	503.0
021J 924026 00	<	<	18.85	3.4	230	16.0	1.2	41	7.0	12	50	3.2	9.0	<	170.0	1.3	2.2	7	110.0	18	34.6	<	607.0
021J 924027 00	<	<	15.70	2.4	170	14.0	1.0	37	7.0	11	62	2.5	10.0	1	140.0	0.7	1.7	7	120.0	19	32.5	<	631.0
021J 924028 00	0.2	<	19.71	3.5	300	51.4	0.8	59	12.0	15	26	4.4	10.0	1	190.0	2.0	2.5	7	120.0	23	33.6	.4	2560.0
021J 924029 00	<	<	19.31	1.0	290	5.7	0.5	49	4.0	6	39	2.6	7.0	<	140.0	0.4	1.4	11	110.0	20	26.8	.3	176.0
021J 924030 00	<	<	24.72	2.0	420	11.0	0.5	55	10.0	14	58	4.3	7.0	1	180.0	1.2	2.9	15	70.0	24	10.6	.5	524.0
021J 924031 00	0.2	<	12.60	1.5	63	13.0	1.0	35	6.0	7	27	2.0	10.0	<	180.0	1.0	1.3	3	130.0	18	39.4	<	454.0
021J 924032 00	<	<	31.12	2.4	510	7.1	0.3	77	19.0	20	61	5.1	17.0	1	350.0	3.2	5.1	9	50.0	29	8.8	.5	1010.0
021J 924033 00	0.3	<	18.21	11.0	60	51.0	1.9	160	30.0	33	41	4.1	19.0	2	260.0	4.6	5.2	3	320.0	49	55.6	<	6800.0
021J 924034 00	0.2	<	26.26	1.5	370	6.9	0.6	69	8.0	13	72	3.7	11.0	1	250.0	1.3	3.4	13	70.0	29	11.8	.4	306.0
021J 924035 00	0.2	<	20.90	4.7	330	7.2	0.3	70	11.0	14	66	4.7	28.0	1	320.0	1.9	3.0	7	120.0	34	25.5	.2	595.0
021J 924036 00	0.2	<	12.91	1.8	170	12.0	1.0	52	4.0	<	24	5.2	15.0	1	250.0	1.4	2.1	3	210.0	25	52.9	.3	245.0
021J 924037 00	<	<	19.52	2.5	250	13.0	0.7	70	14.0	17	59	4.9	15.0	2	380.0	3.5	3.5	8	80.0	30	20.8	<	1280.0
021J 924038 00	<	<	21.91	2.2	380	16.0	0.6	74	12.0	14	34	5.8	12.0	1	390.0	3.2	3.6	7	100.0	32	25.8	.3	1180.0
021J 924039 00	0.2	<	31.93	3.8	510	11.0	0.3	110	11.0	18	63	7.8	9.0	2	390.0	2.6	5.0	26	50.0	42	11.6	.8	820.0
021J 924040 00	<	2	15.18	1.9	72	10.0	0.4	75	2.0	<	21	.8	8.0	<	320.0	0.65	1.1	2	80.0	41	68.5	<	121.0
021J 924043 00	<	<	16.77	1.7	160	16.0	1.0	51	4.0	9	50	2.6	8.0	<	320.0	0.95	2.3	8	70.0	24	31.1	.2	322.0
021J 924044 00	0.2	<	21.85	5.8	220	84.9	0.6	120	6.0	10	84	5.2	13.0	2	370.0	1.5	2.8	7	110.0	36	37.4	<	1100.0
021J 924045 10	<	<	28.15	1.9	480	14.0	0.4	89	11.0	19	62	5.1	7.0	2	370.0	1.7	3.3	21	70.0	40	14.0	.5	940.0
021J 924046 20	0.2	<	16.39	1.7	460	16.0	0.4	77	8.0	14	59	4.7	7.0	2	320.0	1.5	3.0	23	60.0	37	13.8	.5	722.0
021J 924047 00	<	<	22.10	8.0	300	31.0	0.6	93	16.0	21	70	4.3	11.0	1	280.0	2.5	3.4	10	70.0	31	23.0	<	3400.0
021J 924048 00	0.2	<	17.12	6.9	260	16.0	0.3	69	12.0	15	46	6.1	10.0	1	360.0	3.7	4.0	11	70.0	31	16.1	.4	2020.0
021J 924049 00	<	<	18.07	1.1	210	13.0	1.1	57	3.0	7	34	2.8	5.0	<	270.0	0.8	1.8	12	90.0	27	27.7	<	323.0
021J 924050 00	0.2	<	23.06	1.3	280	8.5	1.0	62	3.0	6	<	6.8	4.0	1	250.0	0.85	1.6	12	80.0	28	15.4	<	402.0
021J 924051 00	0.2	<	21.22	4.6	200	19.0	0.9	75	5.0	10	50	11.0	9.0	1	380.0	1.8	2.5	8	100.0	38	27.2	<	635.0
021J 924052 00	0.3	<	20.67	13.0	<150	55.5	1.0	180	12.0	13	67	17.0	13.0	1	550.0	4.1	4.1	3	130.0	61	44.3	<	2470.0

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J

Analytical Data

Variable:	Mo	Mo	Na	Ni	Ni	Pb	Rb	Sb	Sc	Sm	Sn	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	ppm	ppm		ppb	ppb
Detection Limit:	2	1	.02	2	10	2	5	.1	.2	.1	1.0	.5	.5	.2	.2	5	1	1	2		20	0.05
Analytical Method:	AAS	INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	INAA	SK-AAS	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
021J 924008 00	3.0	1	.69	10.0	12	26.0	21	.4	6.7	3.0	<	<	.5	4.2	2.2	21.0	2	1	89.0	6.3	70	<
021J 924009 00	2.0	2	1.20	16.0	<	33.0	71	.5	14.0	4.2	<	1.4	.6	10.0	3.0	60.0	4	2	63.0	5.3	55	<
021J 924010 00	4.0	3	1.60	14.0	32	27.0	35	.3	15.0	4.0	1.0	1.1	.6	5.3	4.8	76.0	1	3	98.0	6.4	60	<
021J 924011 00	6.0	4	.78	13.0	27	35.0	13	.3	9.1	3.3	1.0	.9	.5	5.1	8.7	102.0	2	2	145.0	6.4	60	<
021J 924012 00	3.0	3	.74	11.0	17	36.0	24	.4	8.1	3.3	<	.7	<	4.0	9.3	54.0	1	1	153.0	6.4	60	<
021J 924013 00	4.0	3	1.20	19.0	32	11.0	66	.3	13.0	4.7	<	.6	.6	6.8	2.1	45.0	3	2	92.0	6.5	70	<
021J 924014 00	2.0	1	1.60	8.0	<	12.0	58	.3	12.0	4.5	<	1.1	.7	6.2	2.1	28.0	1	3	60.0	6.6	70	<
021J 924015 00	4.0	3	1.70	18.0	<	12.0	80	.4	18.0	7.4	<	1.7	1.0	12.0	5.4	38.0	1	4	70.0	6.6	85	<
021J 924016 00	5.0	4	1.50	17.0	35	15.0	76	.3	15.0	6.4	<	1.1	.8	8.9	6.3	42.0	8	4	94.0	6.3	90	<
021J 924017 00	4.0	2	.54	13.0	<	50.0	30	.6	8.2	5.8	<	<	.8	5.6	10.0	36.0	2	3	135.0	6.5	80	0.16
021J 924018 00	4.0	2	.49	10.0	<	35.0	39	.4	8.4	8.6	<	.5	1.5	8.7	20.6	22.0	1	6	118.0	6.7	100	0.05
021J 924019 00	2.0	<	1.10	7.0	17	15.0	58	.4	8.4	5.9	<	1.0	.9	5.7	6.4	15.0	1	4	53.0	6.5	80	<
021J 924022 00	<	<	1.00	17.0	32	18.0	89	.6	12.0	8.1	<	1.2	1.1	8.8	4.7	31.0	1	4	79.0	6.6	90	<
021J 924024 10	2.0	1	1.30	6.0	14	10.0	69	.4	9.4	6.9	<	.9	.8	6.3	2.7	16.0	1	4	35.0	6.6	90	<
021J 924025 20	<	<	1.40	6.0	17	9.0	58	.4	10.0	6.4	<	1.0	.8	6.8	2.5	14.0	1	3	34.0	6.5	80	<
021J 924026 00	2.0	1	1.10	8.0	19	51.0	39	.7	11.0	4.1	1.0	.7	.6	5.1	7.2	30.0	1	2	91.0	6.2	80	<
021J 924027 00	<	1	1.10	9.0	27	35.0	33	.6	10.0	3.7	<	.6	.8	5.4	8.9	23.0	1	2	89.0	6.3	100	0.12
021J 924028 00	3.0	2	1.10	10.0	<	31.0	50	.6	11.0	5.8	1.0	.9	.9	6.9	3.4	36.0	<	3	78.0	6.5	90	<
021J 924029 00	2.0	1	1.30	6.0	<	10.0	40	.4	11.0	4.4	1.0	1.0	<	6.0	2.0	16.0	1	2	45.0	6.6	100	<
021J 924030 00	2.0	<	1.80	8.0	29	15.0	68	.6	15.0	5.8	1.0	1.5	.7	8.8	3.5	27.0	1	2	47.0	6.6	100	<
021J 924031 00	3.0	1	.74	8.0	<	21.0	32	.4	6.3	2.9	1.0	.6	<	4.8	12.0	26.0	1	2	96.0	6.5	80	0.08
021J 924032 00	5.0	3	1.80	29.0	45	6.0	80	.4	18.0	7.9	<	1.4	1.1	12.0	4.3	57.0	<	3	156.0	6.7	80	0.12
021J 924033 00	9.0	9	.58	9.0	<	125.0	28	1.2	8.1	6.6	1.0	.6	1.2	9.0	24.9	104.0	3	4	131.0	6.7	70	<
021J 924034 00	2.0	1	2.00	15.0	<	11.0	78	.4	17.0	6.8	<	1.6	.9	11.0	4.0	26.0	2	5	69.0	6.6	80	<
021J 924035 00	3.0	3	1.80	21.0	34	5.0	68	.6	17.0	7.6	<	1.1	.9	10.0	6.9	42.0	<	4	88.0	6.2	70	<
021J 924036 00	2.0	<	.91	8.0	22	12.0	36	.6	8.3	5.0	<	.7	.5	6.9	1.9	34.0	<	2	72.0	6.1	60	<
021J 924037 00	3.0	3	1.40	18.0	25	32.0	59	.6	12.0	6.0	1.0	1.0	.8	11.0	5.7	53.0	1	3	126.0	6.7	80	0.06
021J 924038 00	2.0	1	1.50	15.0	<	18.0	76	.4	14.0	7.1	1.0	1.2	.8	12.0	4.6	53.0	2	3	145.0	6.9	80	<
021J 924039 00	4.0	7	2.25	12.0	23	13.0	90	.4	20.9	10.0	<	2.1	1.4	18.0	5.4	60.0	14	7	93.0	6.8	70	<
021J 924040 00	3.0	2	.52	4.0	<	5.0	14	.6	4.7	3.7	1.0	<	<	3.6	4.0	24.0	<	1	56.0	6.8	80	<
021J 924043 00	2.0	1	1.30	7.0	<	11.0	62	.4	13.0	6.8	<	1.6	1.1	12.0	7.3	24.0	1	4	110.0	6.9	100	<
021J 924044 00	3.0	2	1.30	13.0	<	16.0	57	.5	13.0	7.1	1.0	1.0	.8	7.3	17.0	39.0	1	4	113.0	6.8	80	<
021J 924045 10	3.0	2	2.15	10.0	<	10.0	80	.6	18.0	8.6	1.0	1.4	1.1	12.0	5.9	39.0	2	6	84.0	7.0	100	0.06
021J 924046 20	3.0	1	2.05	10.0	29	10.0	62	.7	17.0	7.9	<	1.5	1.2	11.0	5.6	38.0	1	5	83.0	6.9	90	0.05
021J 924047 00	5.0	4	1.40	16.0	18	12.0	37	.6	15.0	6.4	1.0	.9	1.0	9.1	10.0	51.0	5	3	124.0	7.1	70	<
021J 924048 00	3.0	4	1.20	13.0	27	13.0	61	.4	14.0	6.8	2.0	1.2	.9	12.0	8.0	61.0	3	4	106.0	6.8	90	<
021J 924049 00	<	1	1.40	6.0	20	15.0	64	.4	10.0	5.9	1.0	1.3	.9	11.0	9.3	25.0	1	4	105.0	6.6	110	<
021J 924050 00	<	1	2.38	5.0	<	12.0	120	.4	11.0	5.5	1.0	1.7	.8	11.0	16.0	24.0	3	5	71.0	6.7	100	0.12
021J 924051 00	3.0	3	1.50	14.0	31	12.0	77	.5	13.0	8.6	6.0	1.4	1.3	10.0	18.0	34.0	2	6	130.0	6.9	120	0.28
021J 924052 00	7.0	7	.44	17.0	<	24.0	53	.5	13.0	15.2	1.0	1.0	2.7	14.0	47.5	55.0	3	14	204.0	6.9	170	<

Map	Sample ID	Rep Stat	Zone	Easting	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Bottom Prcpt	Bank Prcpt	Stream Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source	
021J	924053	00	19	675041	5202279	Df3	25	Sed/Water	25	2	Possible	Till	Clear	Modert	Bf-Bn	320	Rd-Bn	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924054	00	19	674009	5201271	Cop	14	Sed/Water	15	2	Forestry	Till	Clear	Slow	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924055	00	19	672463	5199360	Of	15	Sed/Water	100	4	Possible	Till	Clear	Modert	Bf-Bn	220	Black	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924056	00	19	671855	5199538	Df4	25	Sed/Water	28	3	Forestry	Till	Clear	Modert	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924057	00	19	671660	5194495	Cop	14	Sed/Water	20	1	-	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924058	00	19	672252	5195610	Df2	25	Sed/Water	15	3	-	Organic	Clear	Slow	Bf-Bn	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924059	00	19	672423	5195380	Df2	25	Sed/Water	10	1	-	Organic	Clear	Slow	Gy-Blu	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924060	00	19	672212	5195183	Cop	14	Sed/Water	7	1	-	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924062	00	19	673049	5194291	Df2	25	Sed/Water	3	1	-	Till	Clear	Slow	Brown	220	Rd-Bn	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924063	10	19	674001	5192318	Cop	14	Sed/Water	20	1	-	Till	Clear	Slow	Bf-Bn	031	Rd-Bn	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924064	20	19	674001	5192318	Cop	14	Sed/Water	20	1	-	Till	Clear	Slow	Bf-Bn	031	Rd-Bn	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924065	00	19	673678	5191526	Cop	14	Sed/Water	10	1	-	Till	Clear	Slow	Brown	021	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924066	00	19	673145	5190638	Of	15	Sed/Water	3	1	-	Organic	Clear	Slow	Brown	022	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924067	00	19	672157	5190250	Of	15	Sed/Water	8	1	-	Till	Clear	Slow	Bf-Bn	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924069	00	19	671877	5189186	Of	15	Sed/Water	5	1	-	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924070	00	19	672644	5187474	Of	15	Sed/Water	5	1	-	Till	Clear	Slow	Brown	031	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924071	00	19	675898	5187801	Cop	14	Sed/Water	10	1	-	Till	Clear	Slow	Brown	030	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924072	00	19	674728	5189625	Of	15	Sed/Water	3	1	-	Till	Clear	Slow	Brown	022	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924073	00	19	674565	5185116	Of	15	Sed/Water	4	1	Forestry	Till	Clear	Slow	Brown	031	Black	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924074	00	19	674061	5185986	Cop	14	Sed/Water	7	1	-	Till	Clear	Slow	Gy-Blu	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924075	00	19	673938	5184918	Of	15	Sed/Water	50	2	Possible	Till	Clear	Slow	Bf-Bn	030	Black	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924076	00	19	673415	5183869	Of	15	Sed/Water	10	1	Possible	Till	Clear	Slow	Bf-Bn	140	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924077	00	19	672090	5184137	Cop	14	Sed/Water	11	1	-	Till	Clear	Modert	Bf-Bn	140	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924078	00	19	674465	5182224	Of	15	Sed/Water	75	3	Possible	Till	Clear	Fast	Bf-Bn	130	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924079	00	19	680218	5186490	Of	15	Sed/Water	85	6	Probable	Outwash	Clear	Modert	Bf-Bn	120	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924080	00	19	678705	5185634	Cop	14	Sed/Water	3	1	Forestry	Till	Clear	Slow	Gy-Blu	030	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924082	00	19	679733	5187489	Of	15	Sed/Water	70	3	Probable	Outwash	Clear	Modert	Gy-Blu	130	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924083	00	19	680368	5184861	Of	15	Sed/Water	90	4	Probable	Outwash	Clear	Modert	Bf-Bn	120	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924084	10	19	680247	5184821	Of	15	Sed/Water	35	4	Possible	Outwash	Clear	Modert	Bf-Bn	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924085	20	19	680247	5184821	Of	15	Sed/Water	35	4	Possible	Outwash	Clear	Modert	Bf-Bn	120	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924086	00	19	680191	5184145	Of	15	Sed/Water	20	3	-	Outwash	Clear	Slow	Gy-Blu	140	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924087	00	19	683579	5183926	Cos	14	Sed/Water	16	2	-	Till	Clear	Modert	Gy-Blu	140	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924088	00	19	687233	5180890	Dmf	29	Sed/Water	3	1	Probable	Outwash	Clear	Slow	Bf-Bn	031	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924089	00	19	687573	5180299	Dmf	29	Sed/Water	20	2	Possible	Outwash	Clear	Modert	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924090	00	19	687564	5182306	Dmf	29	Sed/Water	3	1	Possible	Outwash	Clear	Stagnt	Gy-Blu	041	-	-	Hill	Dendrc	Intermit	Pri'ary	Ground
021J	924091	00	19	690728	5180985	Omv	15	Sed/Water	30	3	Possible	Till	Clear	Slow	Bf-Bn	140	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924092	00	19	691064	5180264	Omv	15	Sed/Water	20	2	Possible	Till	Clear	Modert	Bf-Bn	220	Rd-Bn	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924093	00	19	692926	5180395	Os3	15	Sed/Water	6	1	Possible	Till	Clear	Modert	Brown	220	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924094	00	19	695498	5180480	Os3	15	Sed/Water	30	4	Possible	Organic	Clear	Slow	Brown	140	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924095	00	19	694831	5181922	Os3	15	Sed/Water	55	3	Possible	Organic	Clear	Slow	Brown	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable:	Ag	Au	AuHt	As	Ba	Br	Cd	Ce	Co	Co	Cu	Eu	F	Fe	Fe	Hf	Hg	La	LOI	Lu	Mn
Units:	ppm	ppb	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	pct	ppm	ppb	ppm	pct	ppm	ppm
Detection Limit:	0.2	2	-	.5	50	.5	0.2	5	2	5	2	1	40	0.02	.2	1	10	2	1.0	.2	5
Analytical Method:	AAS	INAA	-	INAA	INAA	INAA	AAS	INAA	AAS	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV-AAS	INAA	GRAV	INAA	AAS
021J 924053	00	<	16.57	7.2	180	23.0	0.7	90	10.0	13	49	6.6	10.0	2.8	4.6	15	60.0	36	15.7	<	840.0
021J 924054	00	<	16.91	.9	150	12.0	0.8	48	2.0	6	33	3.2	5.0	0.45	1.3	11	120.0	24	34.4	<	414.0
021J 924055	00	<	19.81	6.6	310	14.0	0.5	86	9.0	16	58	4.8	12.0	2.7	4.4	14	50.0	39	15.7	.4	626.0
021J 924056	00	<	17.21	22.0	190	21.0	0.4	62	11.0	14	52	8.5	11.0	3.1	3.2	6	60.0	32	20.3	<	611.0
021J 924057	00	<	18.01	1.8	<	22.0	1.1	41	3.0	6	31	4.7	10.0	1.1	1.8	5	100.0	34	31.5	<	424.0
021J 924058	00	<	20.65	1.4	350	5.0	0.4	73	3.0	6	60	2.6	10.0	1.1	1.9	10	50.0	38	21.2	.4	166.0
021J 924059	00	<	19.67	.8	410	9.4	0.3	84	6.0	15	130	3.1	8.0	0.95	3.5	23	40.0	35	14.0	.6	315.0
021J 924060	00	0.2	18.99	5.4	130	26.0	0.8	78	8.0	13	64	3.9	11.0	2.3	3.1	12	90.0	46	20.1	.5	990.0
021J 924062	00	0.2	17.58	21.0	90	43.0	0.6	48	11.0	13	66	7.2	12.0	3.3	3.3	4	90.0	22	27.9	<	1700.0
021J 924063	10	<	12.08	.8	<	22.0	0.6	16	4.0	<	<	.7	9.0	0.25	.6	<	100.0	8	36.8	<	473.0
021J 924064	20	<	9.68	.8	<	18.0	0.5	19	3.0	<	27	1.3	10.0	0.35	.5	1	100.0	10	33.3	<	189.0
021J 924065	00	0.2	19.62	5.4	<870	132.0	1.3	310	6.0	8	110	7.1	22.0	1.8	2.4	<	90.0	170	53.7	3.1	1790.0
021J 924066	00	0.3	14.99	1.5	<36.0	<	1.1	140	2.0	<	37	5.6	16.0	0.7	1.1	3	140.0	81	52.5	<	544.0
021J 924067	00	0.2	12.86	<	<140	21.0	1.2	82	<	<	30	6.6	8.0	0.6	1.0	5	100.0	59	30.7	<	144.0
021J 924069	00	0.2	16.44	3.4	<	59.8	0.6	60	10.0	12	63	5.0	15.0	4.5	4.3	1	160.0	42	39.5	<	2180.0
021J 924070	00	<	17.05	2.9	<	73.4	0.5	57	8.0	11	59	3.5	10.0	1.2	1.9	4	110.0	23	35.9	<	1650.0
021J 924071	00	0.2	21.78	10.0	99	114.0	1.3	100	29.0	37	84	5.0	18.0	4.2	4.9	5	130.0	28	40.9	.2	5510.0
021J 924072	00	<	18.03	3.1	160	40.0	1.2	52	17.0	21	36	5.4	10.0	2.4	3.0	4	150.0	21	35.9	.2	5010.0
021J 924073	00	<	17.54	4.8	160	36.0	2.7	60	35.0	35	31	2.2	13.0	2.4	2.7	4	110.0	19	31.0	<	7700.0
021J 924074	00	<	32.22	<	200	16.0	<	100	6.0	12	63	5.0	15.0	1.6	5.0	20	30.0	68	8.1	.8	222.0
021J 924075	00	0.2	21.10	8.1	260	18.0	1.0	79	24.0	28	37	4.4	12.0	3.5	4.4	11	60.0	31	20.5	.2	3610.0
021J 924076	00	<	31.36	5.9	270	12.0	0.8	96	9.0	23	94	4.4	10.0	2.2	6.3	18	50.0	42	10.5	1.0	468.0
021J 924077	00	0.2	19.32	134.0	270	30.0	0.7	83	21.0	23	98	11.0	18.0	4.2	6.0	9	60.0	35	18.6	.5	1990.0
021J 924078	00	<	16.62	5.0	90	30.0	0.6	49	12.0	14	60	4.2	13.0	2.7	3.5	5	80.0	23	22.8	<	1080.0
021J 924079	00	0.2	23.66	1.4	210	12.0	0.3	61	7.0	19	50	3.8	10.0	1.8	6.1	31	60.0	24	13.2	.8	503.0
021J 924080	00	<	33.11	.9	410	5.7	<	60	7.0	18	58	4.3	8.0	1.6	5.5	23	30.0	24	9.8	1.0	340.0
021J 924082	00	<	27.59	2.0	150	12.0	0.4	51	12.0	17	57	3.7	11.0	2.2	4.7	15	90.0	24	13.6	.5	920.0
021J 924083	00	<	18.33	.8	200	14.0	2.0	54	8.0	14	45	4.1	12.0	1.6	4.1	14	80.0	25	16.9	.4	588.0
021J 924084	10	0.2	17.46	.7	250	7.0	0.3	53	7.0	16	32	1.8	8.0	1.3	5.2	45	50.0	24	14.3	.9	322.0
021J 924085	20	0.2	14.64	.7	310	6.4	0.3	57	6.0	16	51	2.9	7.0	1.3	5.2	53	70.0	23	13.8	.8	320.0
021J 924086	00	<	23.08	<	330	7.1	0.2	32	2.0	<	<	1.7	8.0	0.15	.6	17	60.0	17	27.9	.4	139.0
021J 924087	00	<	31.39	.5	300	3.8	<	72	5.0	13	50	3.3	8.0	0.9	4.0	25	50.0	29	4.8	.8	160.0
021J 924088	00	0.5	14.92	3.5	<350	41.0	1.2	38	7.0	<	60	9.0	20.0	1.4	1.8	2	150.0	16	56.0	<	2210.0
021J 924089	00	<	13.74	2.9	190	5.5	0.3	66	8.0	10	<	7.0	8.0	1.5	2.5	8	30.0	27	5.1	<	625.0
021J 924090	00	0.5	19.17	1.3	220	10.0	1.2	38	12.0	15	50	10.0	13.0	1.8	2.5	5	90.0	22	28.4	.2	678.0
021J 924091	00	0.2	30.76	5.6	330	7.4	0.3	66	9.0	14	65	4.4	8.0	1.2	3.5	14	60.0	27	9.2	.5	570.0
021J 924092	00	<	16.80	14.0	300	10.0	0.7	60	17.0	20	40	4.9	11.0	2.6	3.9	10	50.0	24	11.5	.4	1850.0
021J 924093	00	0.2	22.49	13.0	200	57.5	1.0	110	26.0	34	92	4.3	17.0	5.1	5.8	6	90.0	29	29.7	.6	5230.0
021J 924094	00	0.2	27.05	1.6	290	6.6	0.2	62	10.0	17	110	4.3	10.0	1.7	3.0	7	60.0	26	11.0	.5	344.0
021J 924095	00	<	32.17	1.0	320	1.8	<	62	9.0	17	170	3.4	10.0	2.0	3.9	10	60.0	26	7.7	.3	271.0

Variable: Units: Detection Limit: Analytical Method:	Mo ppm AAS	Mo ppm INAA	Na pct INAA	Ni ppm AAS	Ni ppm INAA	Pb ppm AAS	Pb ppm INAA	Rb ppm INAA	Sb ppm INAA	Sc ppm INAA	Sm ppm INAA	SX-AAS	Sn ppm INAA	Ta ppm INAA	Tb ppm INAA	Th ppm INAA	U ppm INAA	V ppm AAS	W ppm INAA	Yb ppm INAA	Zn ppm AAS	pH	F.W ppb ISE	U ppb LIF	
021J	924053	00	4.0	4	1.50	8.0	16	6.0	56	4	13.0	7.0	1.0	2.3	1.6	15.0	21.4	56.0	2	7	129.0	6.8	140	<	
021J	924054	00	<	1	1.50	3.0	<	11.0	71	3	9.0	5.1	1.0	1.3	0.9	11.0	10.0	14.0	1	4	66.0	6.6	120	<	
021J	924055	00	3.0	1	1.70	14.0	39	16.0	78	5	18.0	8.8	1.0	1.6	1.3	14.0	8.3	52.0	2	4	113.0	6.8	90	<	
021J	924056	00	3.0	2	.89	15.0	30	15.0	60	5	11.0	6.7	1.0	1.0	1.0	11.0	16.0	47.0	1	3	101.0	6.7	85	<	
021J	924057	00	4.0	3	1.10	5.0	16	17.0	51	5	8.8	6.9	1.0	.9	1.1	7.7	20.0	25.0	1	6	85.0	6.6	140	<	
021J	924058	00	<	<	1.50	8.0	16	6.0	56	4	13.0	7.0	<	.9	.8	8.6	3.3	32.0	1	3	40.0	6.7	90	<	
021J	924059	00	<	1	1.80	10.0	20	10.0	56	3	20.2	8.1	<	1.9	1.0	11.0	3.0	29.0	4	5	56.0	6.8	70	<	
021J	924060	00	3.0	1	1.10	10.0	<	18.0	49	4	12.0	9.1	<	1.2	1.1	10.0	7.2	60.0	3	5	79.0	6.7	70	<	
021J	924062	00	6.0	4	.84	7.0	<	32.0	54	5	9.0	4.4	1.0	.9	.6	10.0	8.1	97.0	13	2	79.0	6.5	50	<	
021J	924063	10	2.0	<	.22	4.0	<	15.0	6	3	3.5	2.0	1.0	<	<	2.9	1.9	13.0	<	1	46.0	6.6	60	<	
021J	924064	20	2.0	1	.21	4.0	<	9.0	10	6	3.8	2.2	1.0	<	<	3.3	2.3	10.0	<	1	47.0	6.5	70	<	
021J	924065	00	7.0	<7	.25	7.0	<21	18.0	33	5	17.0	26.4	1.0	.8	6.1	24.4	269.0	22.0	1	42	98.0	7.0	180	0.43	
021J	924066	00	4.0	2	.71	5.0	<	13.0	36	4	7.9	13.3	<	.9	1.8	9.1	20.0	24.0	1	7	66.0	6.7	70	<	
021J	924067	00	3.0	2	.88	6.0	16	12.0	47	3	8.5	9.4	<	1.2	1.9	11.0	42.9	19.0	2	8	47.0	7.1	220	0.57	
021J	924069	00	8.0	7	.37	10.0	<	17.0	16	4	10.0	8.6	<	.5	1.4	8.7	21.6	91.0	2	8	100.0	6.7	80	<	
021J	924070	00	2.0	1	.86	8.0	<	17.0	40	6	8.8	4.2	<	.7	.7	5.9	22.7	27.0	2	4	75.0	6.7	70	<	
021J	924071	00	5.0	4	.75	16.0	<	17.0	26	6	14.0	7.3	<	.9	1.1	8.5	11.0	88.0	1	5	173.0	6.9	50	<	
021J	924072	00	4.0	5	.93	10.0	<	37.0	35	6	11.0	4.4	<	.8	.7	6.4	4.7	58.0	2	3	92.0	6.5	60	<	
021J	924073	00	12.0	11	.80	15.0	16	42.0	28	5	10.0	4.4	<	.8	.7	5.9	3.5	68.0	8	2	162.0	6.5	50	<	
021J	924074	00	<	<	2.13	9.0	<	4.0	86	3	28.9	18.0	<	2.3	2.4	30.5	9.5	55.0	1	7	42.0	6.7	50	<	
021J	924075	00	9.0	7	1.20	17.0	28	19.0	43	4	14.0	8.6	<	1.6	1.2	15.0	6.4	74.0	2	4	153.0	6.8	50	<	
021J	924076	00	2.0	3	2.30	11.0	27	32.0	83	5	29.4	12.2	1.0	2.8	1.8	18.0	7.3	59.0	2	9	77.0	6.5	60	<	
021J	924077	00	4.0	3	1.10	21.0	30	34.0	77	1.1	21.8	9.2	<	1.5	1.3	13.0	4.5	95.0	2	6	138.0	6.6	40	<	
021J	924078	00	3.0	2	.94	16.0	19	18.0	41	5	13.0	5.9	<	.9	1.1	7.5	10.0	65.0	3	3	105.0	6.8	70	<	
021J	924079	00	3.0	1	2.22	10.0	<	10.0	49	3	25.9	9.1	<	2.7	1.5	8.9	7.3	44.0	5	8	101.0	6.9	60	<	
021J	924080	00	3.0	3	2.74	8.0	<	10.0	68	2	29.1	9.5	<	2.5	1.4	10.0	4.4	48.0	4	8	55.0	6.5	60	<	
021J	924082	00	3.0	2	2.00	10.0	26	11.0	53	6	20.1	7.5	1.0	1.8	1.2	7.6	7.5	50.0	4	6	90.0	7.0	70	<	
021J	924083	00	3.0	1	1.90	10.0	<	11.0	59	3	18.0	6.9	1.0	1.4	.9	8.7	7.5	47.0	4	5	104.0	6.9	70	<	
021J	924084	10	2.0	1	2.08	7.0	<	8.0	51	3	24.4	10.0	<	3.0	1.7	10.0	6.8	41.0	7	10	76.0	6.8	60	<	
021J	924085	20	2.0	1	2.00	6.0	<	8.0	51	4	24.3	10.7	1.0	3.4	2.0	10.0	7.4	38.0	14	9	80.0	6.8	70	<	
021J	924086	00	2.0	<	2.12	2.0	<	5.0	81	5	5.6	4.0	<	1.0	.5	5.8	2.8	12.0	1	3	26.0	6.8	70	<	
021J	924087	00	2.0	2	2.57	7.0	31	5.0	68	3	23.1	9.0	<	2.1	1.2	13.0	4.0	36.0	3	6	36.0	7.0	60	<	
021J	924088	00	19.0	15	.39	10.0	<	41.0	57	1.1	8.7	<4.5	13.0	1.6	1.8	11.0	108.0	28.0	1	13	114.0	6.9	470	0.08	
021J	924089	00	7.0	5	2.83	6.0	17	13.0	180	6	11.0	6.1	4.0	4.4	1.1	24.5	17.0	35.0	3	4	76.0	7.1	540	0.42	
021J	924090	00	4.0	5	1.00	12.0	<	29.0	100	6	13.0	4.2	4.0	1.6	.7	10.0	6.0	40.0	1	3	103.0	6.2	310	<	
021J	924091	00	2.0	<	2.14	9.0	<	12.0	81	4	16.0	6.0	1.0	2.2	1.0	12.0	3.4	32.0	2	2	53.0	6.7	80	<	
021J	924092	00	5.0	2	1.80	15.0	29	15.0	83	1.0	14.0	5.2	<	1.8	1.0	11.0	3.1	51.0	3	2	108.0	6.6	70	<	
021J	924093	00	4.0	<	1.20	22.0	34	18.0	42	2.7	17.0	7.4	1.0	1.2	1.1	13.0	4.2	93.0	2	3	187.0	7.1	50	<	
021J	924094	00	3.0	<	2.04	19.0	35	10.0	78	.8	15.0	5.6	1.0	1.6	1.0	10.0	3.2	40.0	1	2	78.0	7.0	50	<	
021J	924095	00	<	<	2.15	26.0	30	6.0	68	.7	17.0	6.5	<	1.5	.9	11.0	2.9	60.0	<	2	5	71.0	7.1	50	<

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Field Data

Map	Sample ID	Rep Stat	Zone	Easting	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Comp	Bottom Prcpt	Bank Prcpt	Stream Physiog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	924096	00	19	695911	5183959	Os3	15	Sed/Water	70	3	Possible	Bare Rk	Clear	Fast	Bf-Bn	220	Black	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924097	00	19	695927	5183831	Os3	15	Sed/Water	10	2	Possible	Tal/Scr	Clear	Modert	Bf-Bn	030	Rd-Bn	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924098	00	19	682333	5180670	Dmf	29	Sed/Water	20	2	Possible	Till	Clear	Modert	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924100	00	19	683873	5181782	Dmf	29	Sed/Water	20	2	Possible	Till	Clear	Fast	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924102	10	19	680158	5182144	Of	15	Sed/Water	30	3	Possible	Organic	Clear	Slow	Gy-Blu	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924103	20	19	680158	5182144	Of	15	Sed/Water	30	3	Possible	Organic	Clear	Slow	Gy-Blu	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924104	00	19	678859	5181094	Of	15	Sed/Water	7	1	Possible	Till	Clear	Slow	Bf-Bn	140	Rd-Bn	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924105	00	19	677317	5181598	Cop	14	Sed/Water	20	2	Possible	Outwash	Clear	Modert	Gy-Blu	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924106	00	19	677063	5181443	Cop	14	Sed/Water	20	2	-	Till	Clear	Modert	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924107	00	19	677297	5180445	Of	15	Sed/Water	20	2	Possible	Till	Clear	Modert	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924108	00	19	677938	5179899	Cos	14	Sed/Water	36	4	-	Bare Rk	Clear	Fast	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924109	00	19	674557	5179930	Of	15	Sed/Water	15	1	-	Tal/Scr	Clear	Slow	Brown	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924111	00	19	675503	5179913	Of	15	Sed/Water	10	1	-	Bare Rk	Clear	Fast	Bf-Bn	111	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924112	00	19	674791	5180836	Om	15	Sed/Water	80	2	Possible	Till	Clear	Modert	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924113	00	19	674627	5180752	Om	15	Sed/Water	30	1	Possible	Till	Clear	Modert	Bf-Bn	140	Rd-Bn	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924114	00	19	673696	5181197	Cop	14	Sed/Water	3	1	Possible	Till	Clear	Slow	Brown	041	Rd-Bn	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924115	00	19	673618	5181058	Cop	14	Sed/Water	30	2	Possible	Organic	Clear	Slow	Brown	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924116	00	19	672095	5181576	Cop	14	Sed/Water	15	2	Forestry	Bare Rk	Clear	Modert	Brown	140	Black	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924117	00	19	676113	5183178	Cop	14	Sed/Water	12	1	-	Till	Clear	Slow	Bf-Bn	030	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924118	00	19	677800	5186426	Of	15	Sed/Water	30	2	Possible	Till	Clear	Fast	Brown	140	Rd-Bn	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924119	00	19	676788	5186936	Cop	14	Sed/Water	15	2	Possible	Bare Rk	Clear	Fast	Brown	131	Rd-Bn	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924120	00	19	709955	5182928	Ps2	33	Sed/Water	5	1	Possible	Organic	Clear	Slow	Bf-Bn	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924122	10	19	709715	5182596	Ps2	33	Sed/Water	35	3	-	Till	Clear	Slow	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924123	20	19	709715	5182596	Ps2	33	Sed/Water	35	3	-	Till	Clear	Slow	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924124	00	19	707602	5182126	Ps2	33	Sed/Water	20	2	-	Till	Clear	Modert	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924125	00	19	707605	5182248	Ps2	33	Sed/Water	30	2	Possible	Till	Clear	Modert	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924126	00	19	705487	5181862	Ss2	20	Sed/Water	17	2	-	Till	Clear	Modert	Bf-Bn	230	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924127	00	19	705529	5181728	Ss2	20	Sed/Water	4	1	-	Tal/Scr	Clear	Slow	Brown	131	-	-	Hill	Dendrc	Re'emerg	Pri'ary	Ground
021J	924129	00	19	703190	5180896	Ss2	20	Sed/Water	3	1	-	Organic	Clear	Stagnt	Black	014	-	-	Hill	Poor	Undefnd	Pri'ary	Ground
021J	924130	00	19	703112	5182043	Ss2	20	Sed/Water	10	2	-	Organic	Clear	Slow	Bf-Bn	140	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924131	00	19	703639	5184694	Ss2	20	Sed/Water	17	2	-	Till	Clear	Modert	Bf-Bn	230	Black	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924132	00	19	707761	5186835	Ss2	20	Sed/Water	10	1	-	Till	Clear	Modert	Brown	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924133	00	19	708088	5187029	Ss2	20	Sed/Water	15	2	-	Till	Clear	Modert	Bf-Bn	130	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	924134	00	19	706586	5187557	Ps2	33	Sed/Water	30	3	-	Till	Clear	Fast	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	924135	00	19	706594	5187271	Ps2	33	Sed/Water	80	10	Possible	Bare Rk	Clear	Modert	Bf-Bn	220	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground
021J	924136	00	19	702292	5202201	Cos	14	Sed/Water	10	1	-	Till	Clear	Fast	Brown	131	Rd-Bn	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925002	00	19	681069	5186577	Cos	14	Sed/Water	10	1	Possible	Till	Clear	Modert	Brown	122	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925003	10	19	682696	5182703	Om	15	Sed/Water	20	1	Possible	Till	Clear	Fast	Brown	022	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925004	20	19	682696	5182703	Om	15	Sed/Water	20	1	Possible	Till	Clear	Fast	Brown	022	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925005	00	19	684384	5182621	Dmf	29	Sed/Water	10	1	Possible	Till	Clear	Modert	Brown	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Ag ppm 0.2 AAS	Au ppb 2 INAA	AuWt g - -	As ppm .5 INAA	Ba ppm 50 INAA	Br ppm .5 INAA	Cd ppm 0.2 AAS	Ce ppm 5 INAA	Co ppm 2 AAS	Cu ppm 2 AAS	Cs ppm .5 INAA	Cr ppm 20 INAA	Co ppm 5 INAA	Eu ppm 1 INAA	F ppm 40 ISE	Fe pct 0.02 AAS	Fe pct INAA	Hf ppm 1 INAA	Hg ppb 10 CV-AAS	La ppm 2 INAA	LOI pct 1.0 GRAV	Lu ppm .2 INAA	Mn ppm 5 AAS
021J 924096 00	<	<	18.67	15.0	390	18.0	0.5	96	21.0	29	7.2	100	29	2	390.0	3.6	5.0	9	80.0	33	14.6	.3	2770.0
021J 924097 00	<	<	31.08	2.3	330	20.0	0.3	66	11.0	18	3.8	93	18	1	280.0	2.3	4.1	12	80.0	28	11.6	.7	1780.0
021J 924098 00	<	3	7.16	2.1	<120	19.0	0.4	120	5.0	9	9.4	9.0	9	<	260.0	1.1	2.2	14	70.0	48	18.1	<	940.0
021J 924100 00	0.2	<	27.27	3.2	<160	22.0	0.3	120	6.0	10	10.0	9.0	10	1	260.0	1.3	2.6	16	80.0	48	12.1	<	571.0
021J 924102 10	<	<	14.65	1.9	200	9.5	0.5	68	9.0	14	4.7	11.0	14	1	270.0	1.6	2.9	8	70.0	31	22.6	.4	536.0
021J 924103 20	<	<	23.16	1.7	230	7.7	0.4	72	8.0	13	5.2	10.0	13	1	250.0	1.3	3.1	10	80.0	31	18.1	.4	344.0
021J 924104 00	<	<	20.72	3.2	210	29.0	0.4	70	19.0	25	10.0	14.0	25	1	410.0	4.2	5.2	7	90.0	34	19.1	<	1360.0
021J 924105 00	<	<	15.21	1.3	230	3.4	<	93	11.0	21	96	3.7	16.0	2	460.0	1.9	5.7	16	40.0	35	4.4	.6	232.0
021J 924106 00	<	<	18.59	10.0	150	21.0	0.8	79	18.0	26	95	5.0	13.0	3	320.0	3.9	5.4	9	90.0	31	18.6	<	1850.0
021J 924107 00	<	<	26.32	5.2	270	17.0	0.3	79	14.0	22	97	15.0	12.0	2	370.0	2.8	5.0	12	70.0	27	12.5	.4	1040.0
021J 924108 00	0.2	<	16.22	3.1	230	14.0	0.6	64	14.0	18	89	12.0	13.0	1	380.0	2.5	4.0	6	60.0	29	11.7	<	741.0
021J 924109 00	0.5	<	15.83	1.2	<160	16.0	11.0	72	11.0	12	59	12.0	24.0	2	360.0	2.3	2.5	5	120.0	37	25.4	<	590.0
021J 924111 00	0.8	<	17.06	2.7	<310	125.0	6.4	120	4.0	<	64	4.9	20.0	4	380.0	1.1	1.6	<	210.0	73	63.1	<	2950.0
021J 924112 00	<	<	14.95	3.2	170	14.0	0.4	71	13.0	23	110	4.6	21.0	<	340.0	2.6	4.2	7	60.0	30	13.4	<	403.0
021J 924113 00	0.2	<	24.93	12.0	220	14.0	1.4	88	31.0	37	66	8.4	12.0	<	380.0	5.9	6.7	8	100.0	36	16.7	.4	2500.0
021J 924114 00	<	<	20.80	6.7	140	19.0	0.8	68	38.0	43	62	6.8	17.0	2	280.0	5.8	5.4	5	120.0	27	25.0	.3	3170.0
021J 924115 00	<	<	24.58	3.6	240	12.0	0.6	88	22.0	27	90	7.7	14.0	1	330.0	3.4	4.9	12	100.0	42	16.2	.5	1240.0
021J 924116 00	<	<	19.77	19.0	300	22.0	1.1	78	97.0	100	95	9.4	16.0	1	270.0	7.2	7.8	5	110.0	28	22.6	<	12000.0
021J 924117 00	<	<	29.97	8.1	150	13.0	0.4	71	17.0	42	75	3.7	10.0	2	350.0	2.8	8.8	13	90.0	29	11.5	.6	623.0
021J 924118 00	0.2	<	19.21	3.0	160	33.0	0.5	66	16.0	24	66	4.3	12.0	2	270.0	2.9	4.9	16	110.0	30	20.9	.4	2010.0
021J 924119 00	<	<	26.47	3.0	110	29.0	0.3	80	18.0	29	83	6.9	21.0	3	480.0	3.9	7.2	18	80.0	33	15.1	1.0	1190.0
021J 924120 00	0.2	<	30.03	12.0	350	20.0	0.2	120	14.0	22	150	6.5	17.0	3	320.0	3.5	5.4	14	90.0	49	14.9	1.0	2180.0
021J 924122 10	<	<	16.56	6.5	340	3.2	<	58	10.0	15	110	3.6	11.0	1	300.0	2.0	3.5	7	50.0	26	5.6	.3	338.0
021J 924123 20	<	<	15.57	5.9	320	3.0	<	50	10.0	17	110	3.9	12.0	<	300.0	1.9	3.4	7	50.0	24	5.7	.4	363.0
021J 924124 00	<	<	14.94	10.0	330	9.4	<	66	13.0	21	130	4.4	14.0	1	290.0	2.6	4.1	7	60.0	25	8.8	.4	800.0
021J 924125 00	0.2	<	23.44	8.8	320	12.0	0.2	77	12.0	17	110	4.2	13.0	2	320.0	2.2	4.0	8	70.0	34	6.8	.4	1000.0
021J 924126 00	<	<	17.35	8.8	320	12.0	0.2	58	17.0	23	70	4.5	11.0	1	290.0	2.5	4.3	7	70.0	24	8.9	.3	960.0
021J 924127 00	0.2	<	16.72	11.0	350	57.6	0.6	270	15.0	23	160	6.2	18.0	2	320.0	3.5	4.3	5	100.0	31	26.4	.5	3410.0
021J 924129 00	1.5	8	13.94	2.5	65	25.0	1.2	89	4.0	6	49	3.3	30.0	7	250.0	0.45	.5	<	310.0	100	79.2	1.3	466.0
021J 924130 00	0.2	<	31.55	1.2	290	4.6	0.2	88	5.0	16	100	4.1	6.0	2	260.0	1.1	3.4	14	90.0	39	10.6	.8	375.0
021J 924131 00	0.2	<	18.00	6.7	330	11.0	0.2	84	16.0	26	110	5.7	36.0	1	340.0	3.1	5.0	11	70.0	34	10.0	.6	2270.0
021J 924132 00	0.2	<	31.65	7.7	370	24.0	0.5	77	12.0	17	100	4.7	17.0	1	300.0	2.7	4.1	10	80.0	38	14.2	.7	1500.0
021J 924133 00	0.2	<	29.09	7.4	400	27.0	0.4	94	10.0	14	72	5.0	13.0	2	300.0	2.6	3.8	12	90.0	40	13.8	.9	1230.0
021J 924134 00	<	<	20.32	11.0	420	22.0	1.0	75	14.0	19	130	5.0	14.0	1	340.0	2.5	3.9	8	90.0	32	11.7	.5	1650.0
021J 924135 00	0.2	<	13.11	11.0	280	17.0	0.6	74	11.0	15	82	6.3	14.0	2	330.0	3.2	3.9	8	70.0	36	12.9	.3	552.0
021J 924136 00	0.4	<	18.60	50.0	280	66.3	0.7	100	148.0	180	93	12.0	27.0	2	330.0	3.2	3.9	5	180.0	53	31.8	.6	2330.0
021J 925002 00	<	<	24.84	.9	240	12.0	0.3	110	7.0	12	57	5.2	10.0	2	280.0	2.0	3.4	13	100.0	45	17.3	.5	594.0
021J 925003 10	<	<	15.97	1.0	120	28.0	0.6	47	6.0	10	<	2.6	9.0	1	220.0	1.2	1.9	6	120.0	19	29.1	.3	1210.0
021J 925004 20	0.2	<	16.39	1.4	100	33.0	0.6	47	7.0	10	24	2.9	11.0	<	220.0	1.3	1.9	6	120.0	19	29.6	.4	1330.0
021J 925005 00	0.2	<	29.89	1.4	260	19.0	0.3	78	8.0	15	70	5.9	11.0	1	280.0	1.8	3.9	14	70.0	31	15.3	.7	610.0

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable:	Mo	Mo	Na	Ni	Ni	Pb	Rb	Sb	Sc	Sm	Sn	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	ppm	ppm		ppb	ppb
Detection Limit:	2	2	.02	2	10	2	5	.1	.2	.1	1.0	.5	.5	.2	.2	5	1	1	2		20	0.05
Analytical Method:	AAS	INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
021J 924096	00	4.0	<	1.60	21.0	<	83	1.9	17.0	7.5	<	1.7	1.1	10.0	5.1	57.0	2	2	142.0	6.8	80	<
021J 924097	00	2.0	<	2.17	18.0	21	77	.5	18.0	6.2	1.0	1.5	.8	11.0	3.6	49.0	1	2	90.0	7.3	60	<
021J 924098	00	3.0	<	2.25	6.0	<	130	.5	11.0	8.0	4.0	5.8	1.1	33.1	37.1	24.0	2	4	80.0	6.7	250	0.33
021J 924100	00	2.0	<	2.41	7.0	<	140	.3	12.0	8.8	4.0	6.5	1.4	32.9	51.1	32.0	2	5	61.0	6.8	300	0.23
021J 924102	10	<	<	1.50	11.0	21	47	.4	14.0	6.3	<	1.4	1.1	8.7	5.1	36.0	2	2	86.0	6.8	80	<
021J 924103	20	2.0	<	1.60	10.0	<	52	.5	15.0	6.7	<	1.4	1.3	10.0	4.9	33.0	1	3	72.0	6.8	60	<
021J 924104	00	4.0	1	1.30	21.0	21	57	.5	16.0	6.1	<	1.0	.9	10.0	6.9	70.0	6	2	137.0	6.8	100	<
021J 924105	00	<	<	2.07	15.0	43	75	.3	23.5	8.3	<	2.0	1.6	16.0	4.9	63.0	4	3	70.0	6.7	70	<
021J 924106	00	3.0	<	1.40	17.0	25	38	.4	17.0	8.7	<	1.4	1.5	10.0	8.3	65.0	4	3	135.0	6.7	60	<
021J 924107	00	2.0	1	1.90	17.0	25	79	.5	20.0	6.8	<	1.7	1.4	12.0	5.7	59.0	6	3	108.0	6.8	60	<
021J 924108	00	<	<	1.70	19.0	28	85	.5	17.0	5.9	<	1.6	.9	10.0	6.2	48.0	5	2	127.0	6.8	70	<
021J 924109	00	3.0	<	1.30	16.0	18	90	.5	13.0	8.2	<	1.3	1.5	7.2	49.4	33.0	3	3	408.0	6.8	100	0.25
021J 924111	00	7.0	<	.43	7.0	<	34	.5	8.4	22.6	2.0	<	3.7	4.9	96.3	19.0	2	8	165.0	6.7	110	0.16
021J 924112	00	2.0	<	1.70	24.0	27	61	.3	19.0	6.2	<	1.3	.9	11.0	6.6	68.0	6	2	107.0	6.7	80	<
021J 924113	00	11.0	6	1.60	24.0	26	66	.4	17.0	7.3	<	1.4	1.0	12.0	6.5	91.0	8	2	187.0	6.6	80	<
021J 924114	00	9.0	5	1.00	19.0	<	44	.4	13.0	5.9	<	1.0	.9	7.5	5.8	97.0	8	2	179.0	6.6	70	<
021J 924115	00	5.0	<	1.70	21.0	25	56	.3	19.0	8.4	<	1.4	1.3	13.0	6.4	60.0	5	3	151.0	6.6	70	<
021J 924116	00	39.0	33	1.00	24.0	<	64	.5	14.0	5.7	<	1.2	.7	8.4	4.7	122.0	8	1	184.0	6.4	70	<
021J 924117	00	5.0	<	2.35	14.0	44	23	.7	32.7	8.8	1.0	2.2	1.6	8.0	3.5	64.0	2	3	116.0	6.5	60	<
021J 924118	00	8.0	4	1.50	12.0	<	36	.4	17.0	6.9	<	1.4	1.2	10.0	8.1	59.0	10	3	123.0	6.8	60	<
021J 924119	00	9.0	5	2.14	16.0	<	61	.2	26.5	9.2	<	1.6	1.8	12.0	12.0	85.0	24	5	144.0	6.7	70	<
021J 924120	00	2.0	<	1.40	29.0	47	120	.7	19.0	10.6	4.0	2.5	1.6	16.0	6.4	56.0	3	4	84.0	7.4	50	0.06
021J 924122	10	<	<	1.30	26.0	29	89	.5	14.0	4.8	<	1.6	.9	9.2	3.3	40.0	1	2	72.0	7.3	50	<
021J 924123	20	<	<	1.20	25.0	32	10.0	.97	14.0	4.5	1.0	1.3	.7	9.2	3.1	39.0	2	2	66.0	7.4	40	<
021J 924124	00	<	<	1.00	29.0	45	89	.6	16.0	4.8	1.0	1.4	.8	10.0	2.9	45.0	1	1	83.0	7.1	40	<
021J 924125	00	<	<	1.40	23.0	37	99	.6	16.0	7.8	1.0	1.4	1.1	11.0	3.8	39.0	2	2	75.0	7.5	50	<
021J 924126	00	2.0	<	1.90	22.0	37	100	.4	16.0	5.4	3.0	1.8	.7	10.0	3.4	51.0	2	1	76.0	7.0	40	<
021J 924127	00	2.0	<	.94	48.0	73	110	.6	15.0	8.2	4.0	2.3	1.3	17.0	6.3	43.0	2	2	150.0	6.9	40	<
021J 924129	00	3.0	<	.09	23.0	26	20	.8	30.6	25.8	2.0	.9	3.5	8.7	11.0	15.0	<	6	47.0	6.9	40	<
021J 924130	00	2.0	<	2.51	12.0	20	95	.3	20.4	8.3	3.0	2.5	1.2	16.0	4.6	27.0	2	3	54.0	7.0	40	<
021J 924131	00	2.0	<	1.70	30.0	56	88	.5	18.0	7.4	<	2.0	1.3	13.0	4.5	52.0	1	2	130.0	7.3	40	<
021J 924132	00	<	<	1.80	21.0	<	94	.7	17.0	7.8	1.0	1.4	1.1	11.0	3.5	36.0	1	3	81.0	7.3	40	<
021J 924133	00	<	<	1.70	20.0	22	97	.5	17.0	9.1	1.0	1.6	1.3	13.0	4.7	39.0	2	3	100.0	7.3	40	<
021J 924134	00	2.0	<	1.50	21.0	25	110	.6	16.0	6.6	1.0	1.4	1.0	12.0	4.5	46.0	2	3	122.0	7.4	40	<
021J 924135	00	2.0	<	1.50	21.0	23	88	.7	15.0	7.5	2.0	1.4	1.2	11.0	5.5	44.0	5	2	119.0	6.9	50	<
021J 924136	00	2.0	<	1.00	38.0	27	95	.8	14.0	11.8	2.0	1.3	1.2	10.0	3.8	28.0	2	3	103.0	6.4	40	<
021J 925002	00	<	<	1.80	8.0	<	75	.4	15.0	8.7	<	1.4	1.2	15.0	5.2	43.0	5	2	78.0	6.7	50	<
021J 925003	10	3.0	<	1.20	4.0	<	34	.5	8.5	4.7	<	.9	.8	5.2	4.5	29.0	1	1	75.0	6.8	70	0.06
021J 925004	20	3.0	1	1.10	4.0	<	32	.4	8.5	4.7	<	.6	.7	4.8	4.5	33.0	1	2	74.0	6.9	70	0.06
021J 925005	00	4.0	2	2.06	10.0	17	65	.3	18.0	6.8	<	1.3	1.0	11.0	4.9	42.0	4	3	66.0	6.9	60	<

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Field Data

Map	Sample ID	Rep Stat	Zone	Easting	UTM Northing	Rock Unit	Age	Sample Type	Stream Width	Depth	Sample Contam.	Bank Type	Water Colour	Stream Flow	Sample Colour	Sample Comp	Bottom Precpt	Bank Precpt	Stream Physilog	Drainage Pattern	Stream Type	Stream Class	Water Source
021J	925006	00	19	685757	5181573	Dmf	29	Sed/Water	10	1	Possible	Till	Clear	Modert	Brown	122	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925007	00	19	684313	5181996	Dmf	29	Sed/Water	30	2	Possible	Till	Clear	Fast	Brown	022	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925008	00	19	689804	5182639	Cos	14	Sed/Water	20	1	Possible	Till	Clear	Modert	Brown	031	-	-	Swamp	Dendrc	Permnt	Pri'ary	Ground
021J	925009	00	19	688100	5182934	Cos	14	Sed/Water	20	1	Possible	Till	Clear	Modert	Brown	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925010	00	19	682049	5182835	Om	15	Sed/Water	10	1	Possible	Till	Clear	Slow	Brown	131	-	-	Hill	Dendrc	Permnt	Pri'ary	Ground
021J	925011	00	19	681920	5182437	Om	15	Sed/Water	20	2	Possible	Till	Clear	Slow	Brown	022	-	-	Hill	Dendrc	Permnt	Sec'ary	Ground
021J	925012	00	19	681896	5182645	Om	15	Sed/Water	100	5	Possible	Till	Clear	Fast	Brown	022	-	-	Hill	Dendrc	Permnt	Ter'ary	Ground

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable:	Ag	Au	AuWt	As	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F	Fe	Fe	Hf	Hg	La	LOI	Lu	Mn
Units:	ppm	ppb	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct	pct	ppm	ppb	ppm	pct	ppm	ppm
Detection Limit:	0.2	2	-	.5	50	.5	0.2	5	2	5	20	.5	2	1	40	0.02	.2	1	10	2	1.0	.2	5
Analytical Method:	AAS	INAA	-	INAA	INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE	AAS	INAA	INAA	CV-AAS	INAA	GRAV	INAA	AAS
021J 925006 00	0.2	<	18.18	4.1	<530	78.9	2.7	81	8.0	8	51	6.9	13.0	1	540.0	1.2	1.9	5	140.0	31	50.3	<	2000.0
021J 925007 00	0.2	<	21.17	1.9	140	33.0	0.7	80	9.0	14	69	6.4	16.0	2	310.0	2.2	3.3	7	90.0	30	32.8	<	1360.0
021J 925008 00	<	<	22.57	2.7	310	7.2	0.6	63	8.0	16	60	3.9	7.0	1	230.0	1.2	2.5	10	90.0	23	19.0	.5	1100.0
021J 925009 00	<	<	30.72	1.9	230	7.0	0.6	59	5.0	14	56	4.5	7.0	2	280.0	1.4	3.9	13	50.0	26	11.3	.3	341.0
021J 925010 00	0.3	<	26.78	2.1	96	29.0	0.4	65	13.0	23	72	5.1	20.0	1	250.0	2.3	4.3	9	150.0	40	31.1	.5	1450.0
021J 925011 00	0.3	<	13.99	3.9	82	20.0	0.8	74	15.0	17	55	6.4	15.0	<	220.0	2.6	2.6	1	170.0	24	38.5	<	1100.0
021J 925012 00	0.2	<	14.53	1.8	85	26.0	0.7	48	9.0	14	33	3.8	11.0	1	200.0	2.0	3.1	9	150.0	23	37.7	.2	1410.0

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Analytical Data

Variable: Units: Detection Limit: Analytical Method:	Mo		Na		Ni		Ni		Pb		Rb		Sb		Sc		Sm		Sn		Ta		Tb		Th		U		V		W		Yb		Zn		pH		F_W		U_W							
	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm					
	2	1	.02	2	10	2	10	2	2	5	5	.1	.2	.1	.2	.1	.1	1.0	.5	.5	.5	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2				
	AAS	INAA	INAA	AAS	INAA	AAS	INAA	AAS	AAS	INAA	AAS	INAA	INAA	INAA	INAA	INAA	INAA	SX-AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	AAS	INAA	INAA	AAS	AAS	AAS	AAS	GCM	ISE	ISE	LIF	LIF	LIF	LIF					
021J 925006 00	17.0	8	.92	8.0	28	36.0	75	.6	8.2	6.1	12.0	2.3	1.7	13.0	166.0	27.0	2	7	130.0	6.9	570	0.5																										
021J 925007 00	4.0	1	1.30	10.0	17	18.0	66	.4	14.0	6.3	1.0	1.3	.9	11.0	12.0	41.0	4	2	127.0	6.8	80	0.06																										
021J 925008 00	2.0	2	1.70	8.0	<	15.0	63	.4	12.0	4.9	1.0	1.4	.7	9.2	2.9	26.0	1	2	55.0	6.5	60	0.07																										
021J 925009 00	8.0	9	2.23	7.0	23	10.0	70	.3	18.0	6.0	1.0	1.7	1.1	10.0	8.8	25.0	4	3	44.0	6.9	150	0.14																										
021J 925010 00	4.0	<	1.70	8.0	19	10.0	36	.4	18.0	8.0	<	1.1	1.3	7.4	7.4	54.0	2	2	65.0	6.9	70	<																										
021J 925011 00	6.0	3	.35	14.0	<	24.0	27	.6	7.6	6.1	<	.5	.9	6.5	8.9	68.0	2	1	138.0	6.9	70	0.07																										
021J 925012 00	3.0	<	.94	8.0	<	18.0	29	.5	11.0	5.1	<	.9	1.0	6.3	9.0	42.0	4	2	98.0	6.9	70	0.07																										

Variable: Units: Detection Limit: Analytical Method:	Ag	Au	As	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F	Fe
	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pct
	0.2 AAS	2 INAA	.5 INAA	50 INAA	.5 INAA	0.2 AAS	5 INAA	2 AAS	5 INAA	20 INAA	.5 INAA	2 AAS	1 INAA	40 ISE	0.02 AAS
Number of Sites	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458
Number of Values > D.L.	238	38	453	430	458	444	458	453	416	437	458	458	372	458	458
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.19	1.21	9.39	302.53	23.05	0.70	79.37	14.26	20.12	58.53	5.31	12.25	1.43	289.50	2.07
Standard Deviation	0.15	0.85	15.73	155.92	20.95	1.02	41.20	19.90	24.32	37.65	2.78	5.48	1.08	80.71	1.36
Skewness	4.256	5.110	5.045	0.733	2.827	9.216	3.543	6.860	6.550	6.162	2.405	1.881	3.306	0.886	1.528
Excess Kurtosis	25.155	29.866	31.380	4.635	10.983	109.473	20.224	64.923	65.043	78.727	10.485	6.051	18.703	2.222	3.944
Coef of Var (%)	81.16	69.96	167.62	51.54	90.89	145.18	51.91	139.62	120.87	64.34	52.41	44.71	75.32	27.88	65.90
Std Error of the Mean	0.007	0.040	0.735	7.286	0.979	0.048	1.925	0.930	1.136	1.760	0.130	0.256	0.050	3.771	0.064
Lower 95% Limit on Mean	0.17	1.13	7.94	288.21	21.13	0.61	75.59	12.43	17.89	55.07	5.06	11.75	1.33	282.09	1.94
Upper 95% Limit on Mean	0.20	1.29	10.83	316.85	24.98	0.79	83.15	16.08	22.36	61.98	5.57	12.75	1.53	296.91	2.19
Geometric Statistics															
Log10 Mean	-0.799	0.043	0.699	2.391	1.236	-0.293	1.860	0.990	1.152	1.701	0.676	1.052	0.071	2.445	0.220
Geometric Mean	0.16	1.10	5.00	245.82	17.21	0.51	72.50	9.77	14.19	50.28	4.75	11.26	1.18	278.74	1.66
Log10 Standard Deviation	0.229	0.150	0.465	0.336	0.328	0.313	0.176	0.355	0.359	0.249	0.207	0.175	0.258	0.120	0.304
Log10 Std Error of Mean	0.011	0.007	0.022	0.016	0.015	0.015	0.008	0.017	0.017	0.012	0.010	0.008	0.012	0.006	0.014
Lower 95% Limit on Mean	0.15	1.07	4.53	228.97	16.05	0.48	69.85	9.06	13.15	47.71	4.54	10.86	1.12	271.74	1.56
Upper 95% Limit on Mean	0.17	1.14	5.52	263.91	18.44	0.54	75.25	10.53	15.31	53.00	4.96	11.69	1.24	285.93	1.77
Percentiles															
Minimum Value	0.10	1.00	0.25	25.00	1.80	0.10	16.00	1.00	2.50	10.00	0.70	3.00	0.50	110.00	0.15
5th Percentile	0.10	1.00	1.00	25.00	5.00	0.20	39.00	2.00	2.50	21.00	2.30	6.00	0.50	180.00	0.45
10th Percentile	0.10	1.00	1.40	88.00	6.20	0.20	44.00	4.00	5.00	26.00	2.80	7.00	0.50	200.00	0.65
15th Percentile	0.10	1.00	1.70	120.00	7.90	0.30	48.00	4.00	6.00	30.00	3.10	7.00	0.50	200.00	0.75
25th Percentile	0.10	1.00	2.30	190.00	11.00	0.30	57.00	6.00	10.00	37.00	3.70	9.00	1.00	230.00	1.10
35th Percentile	0.10	1.00	3.10	250.00	13.00	0.40	63.00	7.00	12.00	44.00	4.10	10.00	1.00	250.00	1.40
50th Percentile	0.20	1.00	4.90	310.00	17.00	0.50	72.00	10.00	15.00	53.00	4.70	11.00	1.00	280.00	1.70
65th Percentile	0.20	1.00	7.50	370.00	23.00	0.60	81.00	13.00	19.00	63.00	5.40	13.00	1.00	310.00	2.20
70th Percentile	0.20	1.00	8.60	390.00	26.00	0.70	84.00	14.00	21.00	67.00	5.80	14.00	2.00	320.00	2.40
75th Percentile	0.20	1.00	10.00	410.00	28.00	0.80	89.00	16.00	23.00	72.00	6.30	15.00	2.00	330.00	2.70
80th Percentile	0.20	1.00	11.00	430.00	31.00	0.90	97.00	18.00	25.00	81.00	6.80	16.00	2.00	350.00	3.10
90th Percentile	0.30	1.00	19.00	470.00	45.00	1.20	120.00	24.00	34.00	97.00	8.40	18.00	2.00	390.00	3.90
95th Percentile	0.40	3.00	32.00	510.00	61.50	1.50	140.00	32.00	46.00	110.00	10.00	22.00	3.00	420.00	4.30
98th Percentile	0.70	4.00	54.80	590.00	84.90	2.20	180.00	79.00	90.00	130.00	13.00	28.00	4.00	480.00	5.60
99th Percentile	0.80	5.00	77.60	670.00	114.00	3.30	240.00	97.00	110.00	160.00	15.00	32.00	5.00	520.00	5.90
Maximum Value	1.50	8.00	136.00	1400.00	169.00	15.00	420.00	262.00	330.00	580.00	26.00	47.00	11.00	720.00	9.50

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Summary Statistics Over All Rock Units

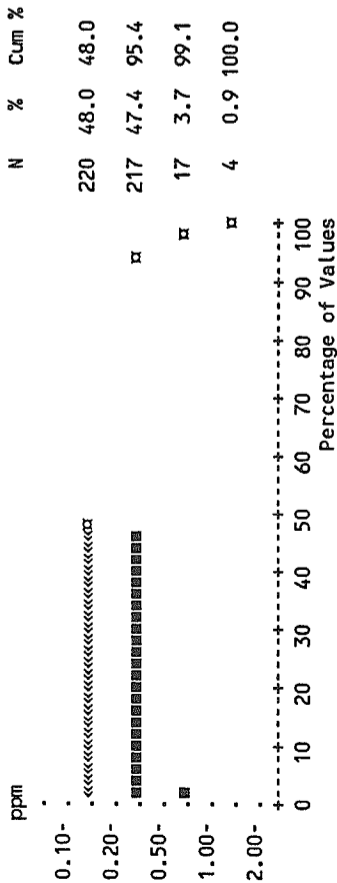
Variable: Units: Detection Limit: Analytical Method:	Fe	Hf	Hg	La	LOI	Lu	Mn	Mo	Mo	Na	Ni	Ni	Pb	Rb	Sb	Sc
	pct	ppm	ppb	ppm	pct	ppm	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm	ppm
	INAA	INAA	CV-AAS	INAA	GRAV	INAA	AAS	AAS	AAS	INAA	AAS	INAA	AAS	INAA	INAA	INAA
Number of Sites	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458
Number of Values > D.L.	458	449	458	458	458	392	458	364	189	458	458	255	458	458	458	458
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	3.12	8.72	110.07	35.99	24.61	0.56	1455.40	2.99	1.59	1.43	14.48	18.09	20.82	80.37	0.63	13.29
Standard Deviation	1.56	5.63	61.02	17.19	14.88	0.37	2273.39	3.05	2.69	0.55	9.67	15.06	12.73	35.33	0.32	4.76
Skewness	1.020	2.217	2.241	3.488	1.219	1.465	4.598	5.586	5.628	-0.107	2.499	1.388	2.563	0.379	3.592	0.845
Excess Kurtosis	1.959	9.352	9.379	19.781	1.396	5.537	29.199	48.699	47.326	-0.423	13.675	3.266	12.416	0.065	24.368	1.326
Coef of Var (%)	50.19	64.57	55.44	47.75	60.46	66.20	156.20	101.86	168.48	38.74	66.77	83.25	61.13	43.97	49.67	35.84
Std Error of the Mean	0.073	0.263	2.851	0.803	0.695	0.017	106.229	0.142	0.126	0.026	0.452	0.704	0.595	1.651	0.015	0.223
Lower 95% Limit on Mean	2.97	8.20	104.46	34.41	23.24	0.53	1246.61	2.71	1.35	1.38	13.59	16.71	19.65	77.12	0.61	12.85
Upper 95% Limit on Mean	3.26	9.23	115.67	37.57	25.97	0.60	1664.18	3.27	1.84	1.48	15.36	19.47	21.99	83.61	0.66	13.72
Geometric Statistics																
Log10 Mean	0.436	0.848	1.984	1.523	1.315	-0.358	2.877	0.371	-0.034	0.109	1.079	1.100	1.256	1.853	-0.235	1.095
Geometric Mean	2.73	7.04	96.46	33.31	20.64	0.44	753.15	2.35	0.92	1.29	11.99	12.60	18.02	71.32	0.58	12.46
Log10 Standard Deviation	0.236	0.317	0.228	0.162	0.263	0.336	0.492	0.274	0.384	0.228	0.271	0.380	0.229	0.233	0.173	0.159
Log10 Std Error of Mean	0.011	0.015	0.011	0.008	0.012	0.016	0.023	0.013	0.018	0.011	0.013	0.018	0.011	0.011	0.008	0.007
Lower 95% Limit on Mean	2.60	6.59	91.91	32.19	19.52	0.41	678.71	2.22	0.85	1.23	11.32	11.63	17.17	67.90	0.56	12.04
Upper 95% Limit on Mean	2.87	7.53	101.23	34.47	21.82	0.47	835.77	2.49	1.00	1.35	12.70	13.65	18.91	74.92	0.60	12.88
Percentiles																
Minimum Value	0.40	0.50	10.00	8.00	3.10	0.10	51.00	1.00	0.50	0.09	2.00	5.00	4.00	5.00	0.20	3.30
5th Percentile	1.10	2.00	40.00	19.00	7.00	0.10	115.00	1.00	0.50	0.46	4.00	5.00	8.00	27.00	0.30	6.30
10th Percentile	1.30	3.00	50.00	22.00	9.70	0.10	176.00	1.00	0.50	0.62	6.00	5.00	10.00	34.00	0.40	7.60
15th Percentile	1.60	4.00	60.00	23.00	11.00	0.20	224.00	1.00	0.50	0.84	7.00	5.00	11.00	40.00	0.40	8.40
25th Percentile	2.00	5.00	70.00	26.00	13.60	0.30	337.00	2.00	0.50	1.10	8.00	5.00	12.00	56.00	0.40	10.00
35th Percentile	2.40	6.00	80.00	29.00	16.10	0.40	473.00	2.00	0.50	1.20	9.00	5.00	14.00	68.00	0.50	11.00
50th Percentile	2.90	8.00	90.00	32.00	20.80	0.50	761.00	2.00	0.50	1.40	12.00	17.00	17.00	79.00	0.60	13.00
65th Percentile	3.50	10.00	120.00	36.00	26.80	0.70	1180.00	3.00	1.00	1.70	15.00	22.00	21.00	91.00	0.60	15.00
70th Percentile	3.80	10.00	120.00	39.00	29.10	0.70	1360.00	3.00	1.00	1.70	17.00	25.00	24.00	98.00	0.70	15.00
75th Percentile	4.00	11.00	130.00	41.00	31.80	0.80	1640.00	3.00	2.00	1.80	19.00	27.00	26.00	100.00	0.70	16.00
80th Percentile	4.30	12.00	150.00	42.00	35.30	0.80	1850.00	4.00	2.00	1.90	21.00	30.00	29.00	110.00	0.80	17.00
90th Percentile	5.20	14.00	180.00	51.00	46.60	1.00	3100.00	5.00	4.00	2.15	27.00	37.00	35.00	130.00	0.90	19.00
95th Percentile	5.90	18.00	210.00	62.00	54.00	1.20	5280.00	7.00	5.00	2.35	31.00	44.00	43.00	140.00	1.10	21.90
98th Percentile	7.00	25.00	310.00	84.00	64.80	1.40	8200.00	12.00	10.00	2.49	39.00	57.00	52.00	160.00	1.40	26.50
99th Percentile	7.60	27.00	310.00	100.00	68.90	1.70	11000.00	17.00	13.00	2.62	43.00	61.00	64.00	160.00	1.70	28.90
Maximum Value	11.00	45.00	540.00	170.00	84.80	3.10	23090.00	39.00	33.00	2.75	99.00	110.00	125.00	220.00	3.70	32.70

Variable: Units: Detection Limit: Analytical Method:	Sm		Sn		Ta		Tb		Th		U		V		W		Yb		Zn		pH		F.W		U.W	
	ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm		ppm				ppb		ppb	
	INAA	SX-AAS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AAS	AAS	INAA	INAA	INAA	INAA	AAS	AAS	GCM	ISE	ISE	LIF	LIF	LIF
Number of Sites	458		458		458		458		458		458		458		458		458		458		458		458		458	
Number of Values > D.L.	457	244	434		458		442		458		458		458		391		457		458		458		458		91	
Number of Missing Values	0	0	0		0		0		0		0		0		0		0		0		0		0		1	
Mean	7.53	1.05	1.36		10.28		1.14		9.15		34.34		2.38		2.54		3.41		87.48		6.63		76.94		0.05	
Standard Deviation	3.80	1.22	0.62		4.09		0.59		18.15		18.73		2.54		2.54		2.58		47.52		0.46		47.46		0.08	
Skewness	2.653	5.844	2.242		1.809		2.837		8.849		1.488		3.797		3.797		7.943		2.320		-1.468		6.427		4.310	
Excess Kurtosis	10.105	43.998	15.567		8.162		15.121		105.239		2.896		21.221		21.221		108.577		10.776		5.126		55.650		20.443	
Coef of Var (%)	50.46	115.68	45.77		39.81		51.88		198.41		54.55		106.48		106.48		75.74		54.32		6.88		61.68		151.51	
Std Error of the Mean	0.178	0.057	0.029		0.191		0.028		0.848		0.875		0.118		0.118		0.121		2.220		0.021		2.218		0.004	
Lower 95% Limit on Mean	7.18	0.94	1.30		9.91		1.08		7.48		32.62		2.15		2.15		3.17		83.12		6.59		72.58		0.04	
Upper 95% Limit on Mean	7.88	1.17	1.42		10.66		1.19		10.82		36.06		2.61		2.61		3.64		91.84		6.68		81.30		0.06	
Geometric Statistics																										
Log10 Mean	0.834	-0.084	0.085		0.980		0.009		0.750		1.477		0.227		0.227		0.465		1.887		0.821		1.848		-1.467	
Geometric Mean	6.82	0.82	1.22		9.54		1.02		5.62		29.98		1.69		1.69		2.92		77.10		6.62		70.44		0.03	
Log10 Standard Deviation	0.204	0.258	0.226		0.172		0.203		0.349		0.230		0.347		0.347		0.235		0.221		0.032		0.164		0.299	
Log10 Std Error of Mean	0.010	0.012	0.011		0.008		0.010		0.016		0.011		0.016		0.016		0.011		0.010		0.001		0.008		0.014	
Lower 95% Limit on Mean	6.53	0.78	1.16		9.20		0.98		5.22		28.56		1.57		1.57		2.78		73.58		6.57		68.04		0.03	
Upper 95% Limit on Mean	7.12	0.87	1.28		9.90		1.06		6.05		31.47		1.81		1.81		3.07		80.78		6.66		72.92		0.04	
Percentiles																										
Minimum Value	0.05	0.50	0.25		1.60		0.25		1.50		5.00		0.50		0.50		0.50		13.00		4.20		25.00		0.03	
5th Percentile	3.50	0.50	0.25		5.00		0.50		2.20		13.00		0.50		0.50		1.00		33.00		5.80		40.00		0.03	
10th Percentile	4.20	0.50	0.60		5.50		0.60		2.70		15.00		0.50		0.50		2.00		40.00		6.20		45.00		0.03	
15th Percentile	4.70	0.50	0.80		6.20		0.70		2.90		18.00		1.00		1.00		2.00		45.00		6.30		50.00		0.03	
25th Percentile	5.50	0.50	1.00		7.80		0.80		3.20		22.00		1.00		1.00		2.00		56.00		6.50		60.00		0.03	
35th Percentile	6.00	0.50	1.20		8.90		0.90		3.60		25.00		1.00		1.00		2.00		66.00		6.50		60.00		0.03	
50th Percentile	6.80	1.00	1.40		10.00		1.00		4.60		30.00		2.00		2.00		3.00		78.00		6.70		70.00		0.03	
65th Percentile	7.70	1.00	1.50		11.00		1.20		5.90		37.00		2.00		2.00		4.00		96.00		6.80		80.00		0.03	
70th Percentile	8.10	1.00	1.60		12.00		1.30		6.80		40.00		2.00		2.00		4.00		100.00		6.80		80.00		0.03	
75th Percentile	8.50	1.00	1.70		12.00		1.30		8.10		42.00		3.00		3.00		4.00		108.00		6.90		85.00		0.03	
80th Percentile	9.10	1.00	1.70		13.00		1.40		10.00		45.00		3.00		3.00		4.00		116.00		6.90		90.00		0.03	
90th Percentile	10.70	2.00	2.00		14.00		1.70		19.00		59.00		5.00		5.00		5.00		138.00		7.10		110.00		0.10	
95th Percentile	13.70	3.00	2.20		16.00		2.10		26.00		68.00		7.00		7.00		7.00		162.00		7.30		120.00		0.16	
98th Percentile	22.20	4.00	2.60		19.00		2.90		48.80		91.00		10.00		10.00		8.00		204.00		7.40		160.00		0.38	
99th Percentile	23.40	6.00	2.80		24.50		3.50		54.00		97.00		13.00		13.00		10.00		215.00		7.50		250.00		0.43	
Maximum Value	29.90	13.00	6.50		35.90		6.10		269.00		122.00		24.00		24.00		42.00		410.00		7.70		570.00		0.57	

Variable: Silver (Ag)

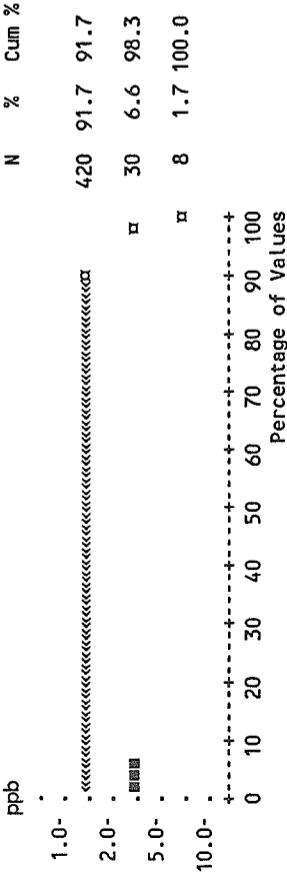
Units: ppm
Detection Limit: 0.2
Analytical Method: AAS
Number of Values: 458

	Total	cos	Of	Ss2	Ps5	Df3	cop	omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	238	80	34	28	15	14	11	16	9	9	5
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	0.19	0.18	0.17	0.28	0.15	0.15	0.18	0.20	0.27	0.16	0.15
Standard Deviation	0.15	0.12	0.11	0.32	0.08	0.05	0.14	0.12	0.29	0.06	0.05
Skewness	4.256	2.401	3.054	2.586	2.548	0.000	2.402	1.684	2.045	0.346	0.000
Excess Kurtosis	25.155	7.736	12.599	6.052	9.000	0.000	5.738	3.259	3.383	0.000	0.000
Coef of Var (%)	81.16	63.01	66.69	111.31	51.68	34.30	78.73	56.83	109.90	38.10	35.14
Std Error of the Mean	0.01	0.01	0.01	0.05	0.01	0.01	0.03	0.02	0.07	0.02	0.02
Lower 95% Limit on Mean	0.17	0.16	0.14	0.19	0.12	0.13	0.12	0.16	0.12	0.13	0.11
Upper 95% Limit on Mean	0.20	0.20	0.19	0.38	0.17	0.17	0.23	0.25	0.41	0.20	0.19
Geometric Statistics											
Log10 Mean	-0.799	-0.798	-0.835	-0.690	-0.867	-0.855	-0.836	-0.745	-0.730	-0.820	-0.849
Geometric Mean	0.16	0.16	0.15	0.20	0.14	0.14	0.15	0.18	0.19	0.15	0.14
Log10 Standard Deviation	0.229	0.217	0.209	0.314	0.175	0.153	0.238	0.217	0.341	0.170	0.159
Log10 Std Error of Mean	0.011	0.018	0.024	0.048	0.029	0.028	0.045	0.044	0.080	0.042	0.050
Lower 95% Limit on Mean	0.15	0.15	0.13	0.16	0.12	0.12	0.12	0.15	0.13	0.12	0.11
Upper 95% Limit on Mean	0.17	0.17	0.16	0.26	0.16	0.16	0.18	0.22	0.28	0.19	0.18
Percentiles											
Minimum Value	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
5th Percentile	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
10th Percentile	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
15th Percentile	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
25th Percentile	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35th Percentile	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10
50th Percentile	0.20	0.20	0.10	0.20	0.10	0.10	0.10	0.20	0.10	0.20	0.10
65th Percentile	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
70th Percentile	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
75th Percentile	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.30	0.20	0.20
80th Percentile	0.20	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.30	0.20	0.20
90th Percentile	0.30	0.30	0.30	0.60	0.20	0.20	0.30	0.30	0.40	0.20	0.20
95th Percentile	0.40	0.40	0.30	1.10	0.20	0.20	0.50	0.40	0.80	0.20	0.20
98th Percentile	0.70	0.50	0.50	1.30	0.20	0.20	0.50	0.60	1.20	0.30	0.20
99th Percentile	0.80	0.70	0.50	1.50	0.50	0.20	0.70	0.60	1.20	0.30	0.20
Maximum Value	1.50	0.80	0.80	1.50	0.50	0.20	0.70	0.60	1.20	0.30	0.20



Variable: Gold (Au)
Units: ppb
Detection Limit: 2
Analytical Method: INAA
Number of Values: 458

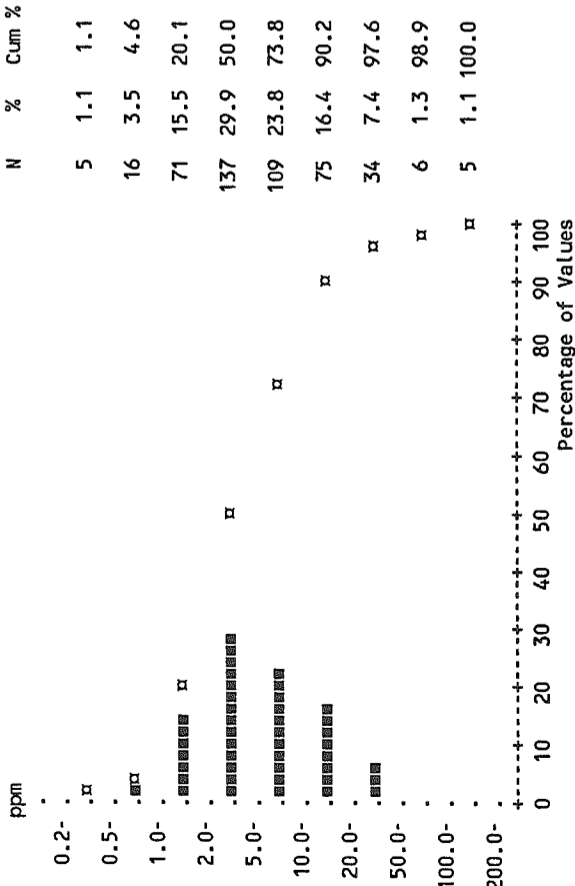
Total	COs	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
458	150	77	42	37	29	28	24	18	16	10
Number of Sites										
38	9	7	3	4	2	1	1	2	4	0
Number of Values > D.L.										
0	0	0	0	0	0	0	0	0	0	0
Number of Missing Values										
Mean	1.21	1.13	1.30	1.33	1.22	1.07	1.14	1.11	1.44	1.00
Standard Deviation										
0.85	0.55	1.12	1.30	0.63	0.26	0.76	0.20	0.32	0.81	0.00
Skewness										
5.110	4.713	4.061	3.931	2.422	3.228	4.738	4.304	2.272	1.231	0.000
Excess Kurtosis										
29.866	23.498	16.185	15.376	3.978	8.722	21.210	17.245	3.355	-0.377	0.000
Coef of Var (%)										
69.96	48.56	86.60	97.53	51.77	24.12	66.14	19.60	29.10	56.62	0.00
Std Error of the Mean										
0.04	0.04	0.13	0.20	0.10	0.05	0.14	0.04	0.08	0.20	0.00
Lower 95% Limit on Mean										
1.13	1.04	1.04	0.93	1.01	0.97	0.85	0.96	0.95	1.00	1.00
Upper 95% Limit on Mean										
1.29	1.21	1.55	1.74	1.43	1.17	1.44	1.13	1.27	1.87	1.00
Geometric Statistics										
Log10 Mean										
0.043	0.029	0.053	0.052	0.052	0.021	0.025	0.013	0.033	0.108	0.000
Geometric Mean										
1.10	1.07	1.13	1.13	1.13	1.05	1.06	1.03	1.08	1.28	1.00
Log10 Standard Deviation										
0.150	0.117	0.180	0.194	0.150	0.078	0.132	0.061	0.097	0.198	0.000
Log10 Std Error of Mean										
0.007	0.010	0.021	0.030	0.025	0.014	0.025	0.013	0.023	0.049	0.000
Lower 95% Limit on Mean										
1.07	1.02	1.03	0.98	1.00	0.98	0.94	0.97	0.97	1.01	1.00
Upper 95% Limit on Mean										
1.14	1.12	1.24	1.30	1.26	1.12	1.19	1.09	1.21	1.64	1.00
Percentiles										
Minimum Value										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
10th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
35th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
65th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
70th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
75th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00
90th Percentile										
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00
95th Percentile										
3.00	2.00	3.00	4.00	3.00	2.00	1.00	1.00	2.00	3.00	1.00
98th Percentile										
4.00	3.00	5.00	5.00	3.00	2.00	1.00	2.00	2.00	3.00	1.00
99th Percentile										
5.00	4.00	7.00	8.00	3.00	2.00	5.00	2.00	2.00	3.00	1.00
Maximum Value										
8.00	5.00	7.00	8.00	3.00	2.00	5.00	2.00	2.00	3.00	1.00



Variable: Arsenic (As)

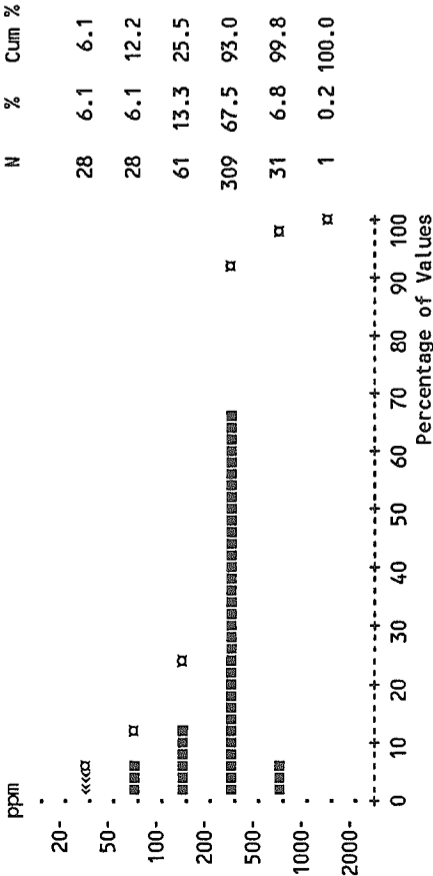
Units: ppm
Detection Limit: .5
Analytical Method: INAA
Number of Values: 458

	Total	Cos	Of	Ss2	Ps5	Df3	Cop	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	453	150	73	42	37	29	27	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	9.39	11.56	4.55	8.98	9.60	5.31	9.74	12.97	20.65	4.46	10.22
Standard Deviation	15.73	19.76	5.65	6.29	12.60	6.88	24.74	15.06	24.20	5.21	2.47
Skewness	5.045	4.231	3.273	2.116	2.864	2.631	4.507	2.617	2.444	2.037	0.168
Excess Kurtosis	31.380	20.561	14.394	5.480	8.165	6.183	19.725	7.101	6.093	3.585	-0.708
Coef of Var (%)	167.62	170.86	124.07	70.03	131.26	129.61	254.00	116.12	117.19	116.86	24.15
Std Error of the Mean	0.74	1.61	0.64	0.97	2.07	1.28	4.68	3.07	5.70	1.30	0.78
Lower 95% Limit on Mean	7.94	8.38	3.27	7.02	5.40	2.69	0.15	6.61	8.61	1.68	8.45
Upper 95% Limit on Mean	10.83	14.75	5.83	10.94	13.80	7.93	19.34	19.33	32.69	7.23	11.99
Geometric Statistics											
Log10 Mean	0.699	0.766	0.434	0.861	0.795	0.526	0.582	0.933	1.113	0.462	0.998
Geometric Mean	5.00	5.84	2.72	7.26	6.24	3.36	3.82	8.58	12.97	2.90	9.94
Log10 Standard Deviation	0.465	0.473	0.450	0.305	0.363	0.389	0.538	0.391	0.433	0.389	0.109
Log10 Std Error of Mean	0.022	0.039	0.051	0.047	0.060	0.072	0.102	0.080	0.102	0.097	0.034
Lower 95% Limit on Mean	4.53	4.90	2.15	5.83	4.72	2.39	2.36	5.87	7.90	1.80	8.31
Upper 95% Limit on Mean	5.52	6.96	3.44	9.04	8.25	4.72	6.18	12.54	21.30	4.66	11.89
Percentiles											
Minimum Value	0.25	0.50	0.25	0.80	1.20	0.80	0.25	1.80	2.00	0.80	6.50
5th Percentile	1.00	1.40	0.25	1.20	1.90	0.80	0.25	1.80	2.00	0.80	6.50
10th Percentile	1.40	1.60	0.80	2.80	2.80	1.10	0.80	1.90	2.60	1.00	6.50
15th Percentile	1.70	1.90	1.00	3.80	3.10	1.10	0.90	3.20	5.00	1.00	6.90
25th Percentile	2.30	2.50	1.50	5.30	3.60	1.70	1.80	5.60	7.30	1.60	8.80
35th Percentile	3.10	3.30	1.90	6.70	4.10	1.90	2.50	6.20	7.80	1.80	10.00
50th Percentile	4.90	4.90	2.70	7.60	5.20	3.40	3.60	8.10	11.00	2.20	10.00
65th Percentile	7.50	8.80	3.50	8.80	6.90	4.20	6.70	10.00	20.00	2.60	11.00
70th Percentile	8.60	10.00	4.60	9.20	8.20	4.40	7.30	11.00	24.00	2.70	11.00
75th Percentile	10.00	12.00	5.20	11.00	8.40	4.80	8.00	14.00	28.00	5.80	11.00
80th Percentile	11.00	14.00	6.40	11.00	10.00	5.60	8.10	14.00	28.00	6.30	11.00
90th Percentile	19.00	23.00	9.40	13.00	13.00	7.80	10.00	26.00	33.00	6.90	12.00
95th Percentile	32.00	42.00	16.00	20.00	31.00	27.00	19.00	38.00	36.00	11.00	15.00
98th Percentile	54.80	77.60	16.00	28.00	43.00	27.00	19.00	71.80	107.00	21.00	15.00
99th Percentile	77.60	129.00	18.00	34.00	64.00	30.00	134.00	71.80	107.00	21.00	15.00
Maximum Value	136.00	136.00	38.00	34.00	64.00	30.00	134.00	71.80	107.00	21.00	15.00



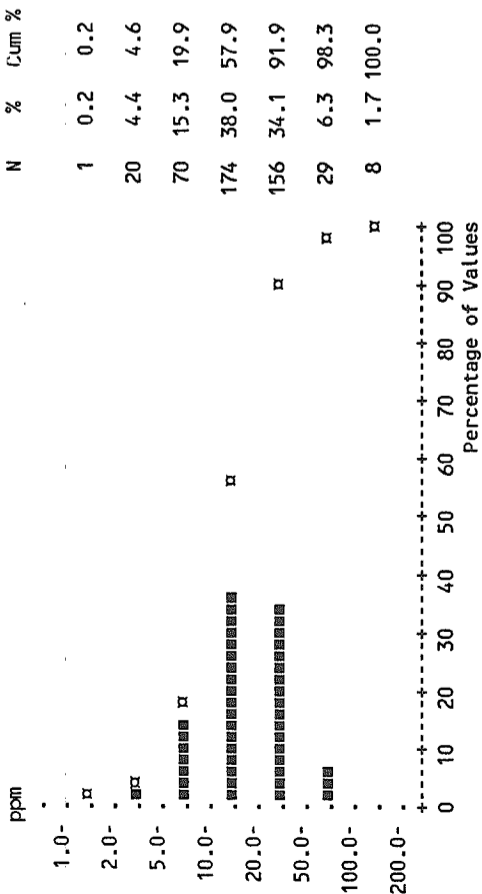
Variable: Barium (Ba)

Units: ppm
Detection Limit: 50
Analytical Method: INAA
Number of Values: 458



	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	430	148	64	42	37	29	23	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	303	323	189	380	456	313	210	413	389	176	369
Standard Deviation	156	124	119	119	208	107	167	84	79	104	60
Skewness	0.733	-0.349	0.411	-0.007	2.691	0.161	1.014	0.268	0.105	0.737	0.351
Excess Kurtosis	4.635	-0.383	-0.469	1.546	9.172	-0.898	0.401	-0.722	-0.844	-0.510	-1.310
Coef of Var (%)	52	38	63	31	46	34	80	20	20	59	16
Std Error of the Mean	7	10	14	18	34	20	32	17	19	26	19
Lower 95% Limit on Mean	288	303	162	343	386	272	145	378	350	121	326
Upper 95% Limit on Mean	317	343	216	417	525	354	274	449	429	231	412
Geometric Statistics											
Log10 Mean	2.391	2.460	2.148	2.551	2.628	2.468	2.155	2.608	2.582	2.174	2.562
Geometric Mean	246	289	141	356	425	294	143	405	382	149	365
Log10 Standard Deviation	0.336	0.243	0.390	0.180	0.154	0.166	0.432	0.090	0.090	0.261	0.070
Log10 Std Error of Mean	0.016	0.020	0.044	0.028	0.025	0.031	0.082	0.018	0.021	0.065	0.022
Lower 95% Limit on Mean	229	264	115	313	378	254	97	371	344	108	325
Upper 95% Limit on Mean	264	316	172	405	478	340	210	442	423	206	409
Percentiles											
Minimum Value	25	25	25	65	220	94	25	260	240	60	280
5th Percentile	25	88	25	120	240	94	25	260	240	60	280
10th Percentile	88	140	25	230	310	190	25	300	280	72	280
15th Percentile	120	190	25	270	330	190	25	330	310	72	320
25th Percentile	190	240	91	320	340	220	97	350	350	81	330
35th Percentile	250	290	140	350	370	250	120	370	350	90	340
50th Percentile	310	330	180	380	420	290	150	410	360	160	350
65th Percentile	370	380	230	410	440	340	240	420	400	180	380
70th Percentile	390	400	240	420	460	390	270	430	430	220	380
75th Percentile	410	420	260	450	470	400	280	460	460	220	420
80th Percentile	430	430	280	450	520	400	300	480	460	240	420
90th Percentile	470	470	340	500	650	450	410	540	490	260	450
95th Percentile	510	510	400	530	750	480	510	550	490	350	470
98th Percentile	590	540	440	590	850	480	510	590	540	410	470
99th Percentile	670	580	470	740	1400	530	680	590	540	410	470
Maximum Value	1400	610	480	740	1400	530	680	590	540	410	470

Variable: Bromine (Br)
Units: ppm
Detection Limit: .5
Analytical Method: INAA
Number of Values: 458

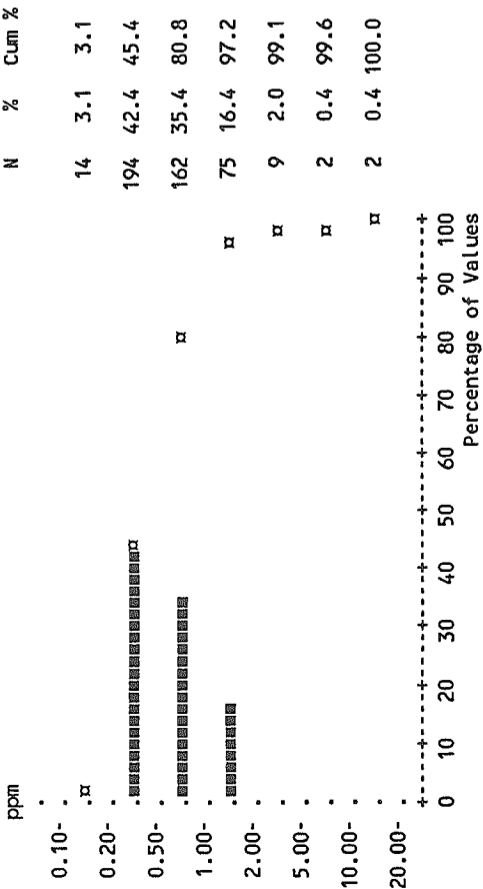


	Total	COs	Of	SS2	PS5	Df3	COp	OmV	Ofv	Df2	PS2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	23.05	20.87	26.26	29.24	13.82	15.63	27.91	22.40	29.87	28.89	14.46
Standard Deviation	20.95	17.92	19.49	31.47	11.23	7.84	29.60	16.29	32.49	21.53	5.75
Skewness	2.827	2.634	2.305	2.560	1.502	0.793	2.380	0.511	1.858	1.214	-0.503
Excess Kurtosis	10.983	9.224	7.467	7.482	1.432	-0.386	5.124	-1.270	2.539	0.538	-1.017
Coef of Var (%)	90.89	85.86	74.22	107.62	81.29	50.13	106.07	72.72	108.78	74.50	39.77
Std Error of the Mean	0.98	1.46	2.22	4.86	1.85	1.46	5.59	3.32	7.66	5.38	1.82
Lower 95% Limit on Mean	21.13	17.98	21.84	19.43	10.07	12.65	16.43	15.52	13.71	17.43	10.35
Upper 95% Limit on Mean	24.98	23.76	30.68	39.05	17.56	18.62	39.39	29.27	46.02	40.36	18.57
Geometric Statistics											
Log10 Mean	1.236	1.204	1.330	1.302	1.023	1.141	1.295	1.220	1.289	1.356	1.112
Geometric Mean	17.21	15.99	21.40	20.03	10.55	13.85	19.71	16.59	19.46	22.68	12.94
Log10 Standard Deviation	0.328	0.312	0.271	0.367	0.320	0.222	0.352	0.361	0.409	0.318	0.247
Log10 Std Error of Mean	0.015	0.026	0.031	0.057	0.053	0.041	0.066	0.074	0.096	0.080	0.078
Lower 95% Limit on Mean	16.05	14.24	18.58	15.39	8.25	11.41	14.40	11.68	12.18	15.35	8.61
Upper 95% Limit on Mean	18.44	17.96	24.65	26.06	13.48	16.82	26.98	23.58	31.09	33.51	19.43
Percentiles											
Minimum Value	1.80	2.30	7.00	4.60	2.10	4.50	3.40	3.30	4.20	5.00	3.20
5th Percentile	5.00	4.90	8.70	4.80	2.80	4.50	3.40	3.30	4.20	5.00	3.20
10th Percentile	6.20	5.90	10.00	6.00	4.80	6.20	7.10	5.50	4.20	9.40	3.20
15th Percentile	7.90	7.10	11.00	7.70	5.40	8.50	7.90	6.10	7.10	9.40	9.40
25th Percentile	11.00	10.00	12.00	12.00	5.90	10.00	12.00	8.40	10.00	16.00	10.00
35th Percentile	13.00	12.00	16.00	14.00	7.40	11.00	13.00	10.00	12.00	17.00	12.00
50th Percentile	17.00	15.00	21.00	18.00	9.20	14.00	19.00	13.00	19.00	23.00	15.00
65th Percentile	23.00	21.00	26.00	25.00	13.00	16.00	22.00	30.00	27.00	25.00	18.00
70th Percentile	26.00	23.00	30.00	25.00	14.00	16.00	26.00	32.00	27.00	26.00	18.00
75th Percentile	28.00	26.00	33.00	33.00	16.00	19.00	29.00	34.00	34.00	30.00	18.00
80th Percentile	31.00	28.00	36.00	35.00	19.00	22.00	30.00	35.00	34.00	43.00	18.00
90th Percentile	45.00	39.00	46.00	61.50	31.00	26.00	51.80	46.00	45.00	51.00	20.00
95th Percentile	61.50	55.10	59.80	82.40	35.00	32.00	114.00	48.00	97.00	63.00	22.00
98th Percentile	84.90	67.70	73.40	103.00	43.00	32.00	114.00	54.80	127.00	84.90	22.00
99th Percentile	114.00	113.00	80.40	169.00	48.00	33.00	132.00	54.80	127.00	84.90	22.00
Maximum Value	169.00	115.00	125.00	169.00	48.00	33.00	132.00	54.80	127.00	84.90	22.00

Variable: Cadmium (Cd)

Units: ppm
Detection Limit: 0.2
Analytical Method: AAS
Number of Values: 458

Total	Cos	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
458	150	77	42	37	29	28	24	18	16	10
444	146	77	41	37	29	25	23	16	16	8
0	0	0	0	0	0	0	0	0	0	0
0.70	0.55	1.15	0.59	0.58	0.57	0.89	0.55	0.53	0.76	0.39
1.02	0.42	2.14	0.39	0.70	0.34	1.05	0.30	0.35	0.41	0.33
9.216	2.830	4.969	1.201	4.320	1.190	3.818	0.798	0.488	1.204	0.844
109.473	12.855	26.138	0.589	20.622	0.883	15.646	0.168	-1.318	1.228	-1.048
145.18	75.97	185.68	66.15	120.93	59.22	118.52	53.74	64.95	54.41	84.13
0.05	0.03	0.24	0.06	0.12	0.06	0.20	0.06	0.08	0.10	0.10
0.61	0.48	0.67	0.47	0.35	0.44	0.48	0.43	0.36	0.54	0.16
0.79	0.62	1.64	0.71	0.82	0.70	1.29	0.68	0.71	0.98	0.62
Geometric Statistics										
-0.293	-0.352	-0.155	-0.315	-0.365	-0.308	-0.216	-0.322	-0.375	-0.176	-0.541
0.51	0.45	0.70	0.48	0.43	0.49	0.61	0.48	0.42	0.67	0.29
0.313	0.279	0.350	0.280	0.296	0.242	0.388	0.259	0.326	0.225	0.355
0.015	0.023	0.040	0.043	0.049	0.045	0.073	0.053	0.077	0.056	0.112
0.48	0.40	0.58	0.40	0.34	0.40	0.43	0.37	0.29	0.51	0.16
0.54	0.49	0.84	0.59	0.54	0.61	0.86	0.61	0.61	0.88	0.52
Percentiles										
0.10	0.10	0.20	0.10	0.20	0.20	0.10	0.10	0.10	0.30	0.10
0.20	0.20	0.30	0.20	0.20	0.20	0.10	0.10	0.10	0.30	0.10
0.20	0.20	0.30	0.20	0.20	0.20	0.10	0.20	0.10	0.30	0.10
0.30	0.20	0.40	0.20	0.20	0.30	0.20	0.30	0.20	0.30	0.10
0.30	0.30	0.40	0.30	0.30	0.30	0.30	0.30	0.30	0.40	0.20
0.40	0.30	0.40	0.40	0.30	0.40	0.60	0.40	0.30	0.60	0.20
0.50	0.40	0.60	0.40	0.40	0.50	0.70	0.50	0.40	0.80	0.20
0.60	0.60	0.80	0.60	0.50	0.60	0.80	0.60	0.60	0.80	0.30
0.70	0.60	0.90	0.60	0.60	0.60	1.00	0.60	0.80	0.80	0.30
0.80	0.70	1.10	0.80	0.70	0.70	1.10	0.70	0.80	0.80	0.60
0.90	0.70	1.20	0.90	0.80	0.70	1.10	0.70	0.80	0.90	0.60
1.20	1.00	1.70	1.20	1.00	1.10	1.10	0.90	1.10	1.00	0.90
1.50	1.20	2.40	1.50	1.00	1.10	1.30	1.20	1.10	1.30	1.00
2.20	1.60	6.40	1.50	1.10	1.10	1.30	1.30	1.10	1.90	1.00
3.30	2.20	11.00	1.60	4.40	1.60	5.90	1.30	1.10	1.90	1.00
15.00	3.30	15.00	1.60	4.40	1.60	5.90	1.30	1.10	1.90	1.00



Variable: Cerium (Ce)

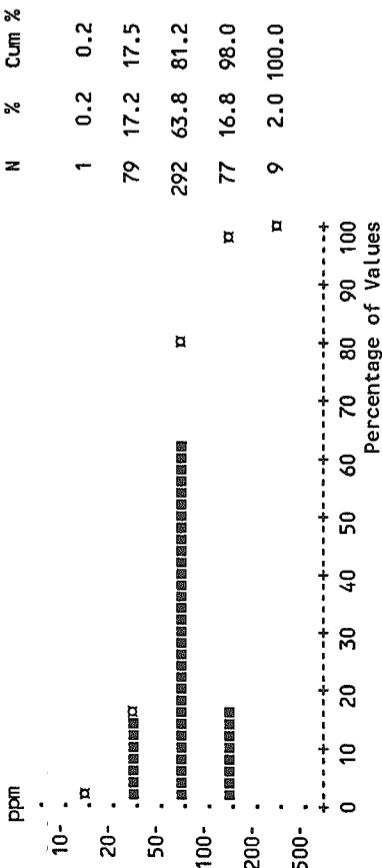
Units: ppm

Detection Limit: 5

Analytical Method: INAA

Number of Values: 458

	Total	COs	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	79.37	73.17	72.12	101.10	79.49	75.86	94.14	89.04	95.33	67.69	84.70
Standard Deviation	41.20	47.13	26.57	44.56	20.38	25.55	59.76	29.17	63.17	33.93	20.33
Skewness	3.543	4.795	0.963	1.949	1.194	1.400	1.986	0.538	1.940	1.258	0.413
Excess Kurtosis	20.224	29.512	0.663	4.652	1.138	1.990	4.172	0.629	2.946	1.024	-1.412
Coef of Var (%)	51.91	64.42	36.85	44.08	25.64	33.68	63.47	32.76	66.26	50.13	24.00
Std Error of the Mean	1.93	3.85	3.03	6.88	3.35	4.74	11.29	5.95	14.89	8.48	6.43
Lower 95% Limit on Mean	75.59	65.56	66.09	87.21	72.69	66.15	70.97	76.72	63.92	49.61	70.16
Upper 95% Limit on Mean	83.15	80.77	78.15	114.98	86.29	85.58	117.32	101.36	126.75	85.76	99.24
Geometric Statistics											
Log10 Mean	1.860	1.819	1.831	1.972	1.888	1.860	1.907	1.926	1.918	1.787	1.917
Geometric Mean	72.50	65.87	67.74	93.75	77.25	72.41	80.80	84.33	82.87	61.18	82.59
Log10 Standard Deviation	0.176	0.180	0.154	0.166	0.103	0.131	0.244	0.151	0.218	0.197	0.102
Log10 Std Error of Mean	0.008	0.015	0.017	0.026	0.017	0.024	0.046	0.031	0.051	0.049	0.032
Lower 95% Limit on Mean	69.85	61.62	62.52	83.24	71.39	64.56	64.99	72.81	64.57	48.04	69.80
Upper 95% Limit on Mean	75.25	70.42	73.40	105.58	83.60	81.20	100.46	97.66	106.37	77.91	97.73
Percentiles											
Minimum Value	16.00	28.00	32.00	40.00	48.00	41.00	16.00	38.00	42.00	30.00	58.00
5th Percentile	39.00	38.00	39.00	41.00	51.00	41.00	16.00	38.00	42.00	30.00	58.00
10th Percentile	44.00	41.00	43.00	60.00	59.00	52.00	45.00	39.00	45.00	34.00	58.00
15th Percentile	48.00	44.00	48.00	63.00	63.00	54.00	48.00	61.00	49.00	34.00	66.00
25th Percentile	57.00	49.00	51.00	77.00	66.00	57.00	60.00	66.00	60.00	45.00	72.00
35th Percentile	63.00	58.00	58.00	84.00	69.00	63.00	71.00	74.00	65.00	48.00	74.00
50th Percentile	72.00	65.00	67.00	91.00	76.00	67.00	79.00	92.00	81.00	60.00	75.00
65th Percentile	81.00	73.00	79.00	100.00	78.00	81.00	89.00	100.00	88.00	69.00	95.00
70th Percentile	84.00	76.00	81.00	110.00	80.00	82.00	93.00	100.00	90.00	73.00	95.00
75th Percentile	89.00	80.00	84.00	110.00	86.00	88.00	93.00	100.00	97.00	75.00	100.00
80th Percentile	97.00	82.00	89.00	120.00	91.00	90.00	100.00	100.00	97.00	84.00	100.00
90th Percentile	120.00	110.00	110.00	140.00	100.00	100.00	160.00	120.00	130.00	88.00	110.00
95th Percentile	140.00	120.00	120.00	170.00	120.00	120.00	220.00	130.00	220.00	120.00	120.00
98th Percentile	180.00	170.00	130.00	240.00	130.00	120.00	220.00	170.00	290.00	160.00	120.00
99th Percentile	240.00	380.00	140.00	270.00	140.00	160.00	310.00	170.00	290.00	160.00	120.00
Maximum Value	420.00	420.00	160.00	270.00	140.00	160.00	310.00	170.00	290.00	160.00	120.00



Variable: Cobalt (Co)

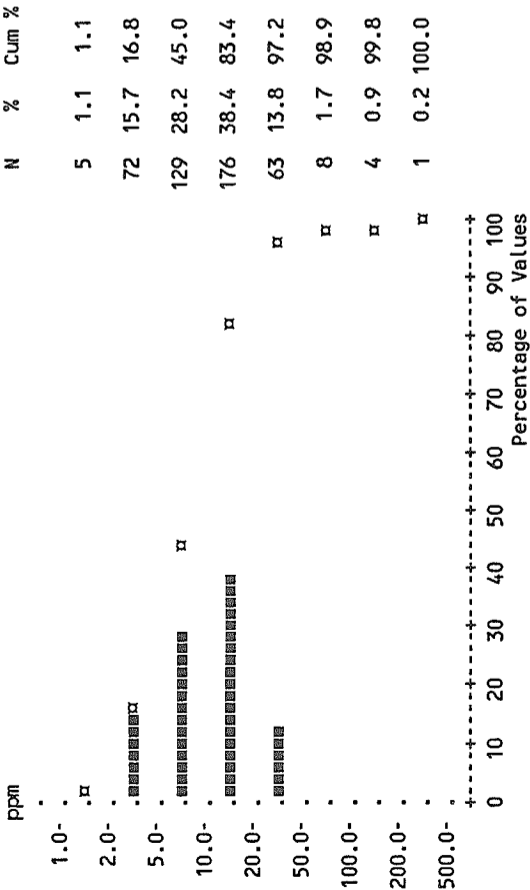
Units: ppm

Detection Limit: 2

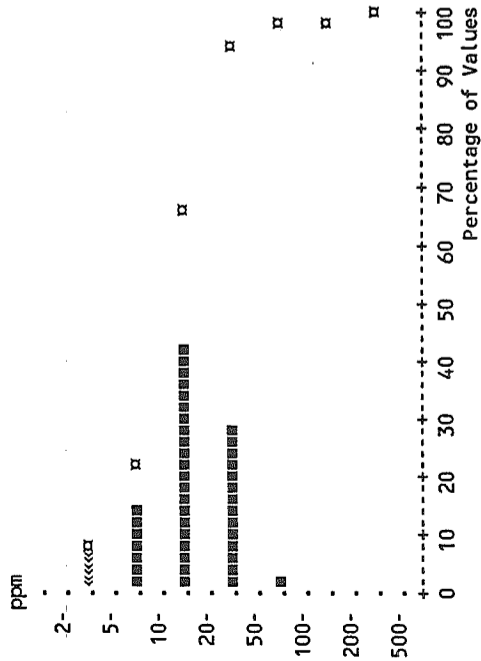
Analytical Method: AAS

Number of Values: 458

	Total	CoS	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	453	147	75	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	14.26	17.40	10.32	14.43	12.38	6.72	15.46	17.67	19.50	12.56	12.60
Standard Deviation	19.90	31.04	8.03	6.67	7.10	5.65	17.96	15.03	19.00	8.24	2.32
Skewness	6.860	4.958	1.698	0.656	0.908	1.989	3.349	2.779	1.852	0.560	1.064
Excess Kurtosis	64.923	29.377	2.953	0.087	1.511	3.781	12.323	8.692	3.152	-0.886	0.194
Coef of Var (%)	139.62	178.37	77.78	46.26	57.33	84.02	116.14	85.09	97.42	65.58	18.40
Std Error of the Mean	0.93	2.53	0.92	1.03	1.17	1.05	3.39	3.07	4.48	2.06	0.73
Lower 95% Limit on Mean	12.43	12.39	8.50	12.35	10.01	4.58	8.50	11.32	10.05	8.17	10.94
Upper 95% Limit on Mean	16.08	22.41	12.15	16.51	14.75	8.87	22.43	24.02	28.95	16.95	14.26
Geometric Statistics											
Log10 Mean	0.990	0.992	0.895	1.109	1.010	0.723	1.033	1.150	1.116	0.993	1.094
Geometric Mean	9.77	9.81	7.86	12.86	10.23	5.28	10.79	14.12	13.07	9.84	12.43
Log10 Standard Deviation	0.355	0.410	0.336	0.223	0.296	0.289	0.358	0.287	0.424	0.338	0.074
Log10 Std Error of Mean	0.017	0.034	0.038	0.034	0.049	0.054	0.068	0.059	0.100	0.085	0.023
Lower 95% Limit on Mean	9.06	8.42	6.59	10.95	8.15	4.10	7.84	10.68	8.04	6.50	11.00
Upper 95% Limit on Mean	10.53	11.43	9.37	15.09	12.84	6.81	14.85	18.67	21.23	14.90	14.04
Percentiles											
Minimum Value	1.00	1.00	1.00	3.00	2.00	2.00	2.00	3.00	2.00	2.00	10.00
5th Percentile	2.00	2.00	2.00	4.00	3.00	2.00	2.00	3.00	2.00	2.00	10.00
10th Percentile	4.00	4.00	3.00	6.00	3.00	2.00	4.00	5.00	2.00	3.00	10.00
15th Percentile	4.00	4.00	4.00	7.00	5.00	3.00	4.00	9.00	4.00	3.00	11.00
25th Percentile	6.00	6.00	5.00	10.00	6.00	3.00	6.00	9.00	8.00	6.00	11.00
35th Percentile	7.00	7.00	6.00	11.00	10.00	4.00	8.00	11.00	9.00	7.00	11.00
50th Percentile	10.00	9.00	8.00	13.00	12.00	5.00	11.00	13.00	14.00	11.00	12.00
65th Percentile	13.00	11.00	10.00	16.00	14.00	6.00	14.00	17.00	19.00	12.00	13.00
70th Percentile	14.00	13.00	11.00	16.00	15.00	6.00	16.00	18.00	20.00	13.00	13.00
75th Percentile	16.00	16.00	13.00	18.00	16.00	7.00	17.00	20.00	21.00	17.00	14.00
80th Percentile	18.00	18.00	14.00	20.00	17.00	8.00	18.00	20.00	21.00	20.00	14.00
90th Percentile	24.00	29.00	19.00	24.00	19.00	12.00	22.00	28.00	35.00	23.00	14.00
95th Percentile	32.00	58.00	26.00	25.00	20.00	18.00	38.00	32.00	48.00	24.00	18.00
98th Percentile	79.00	131.00	35.00	29.00	27.00	18.00	38.00	79.00	80.00	30.00	18.00
99th Percentile	97.00	155.00	36.00	33.00	36.00	27.00	97.00	79.00	80.00	30.00	18.00
Maximum Value	262.00	262.00	40.00	33.00	36.00	27.00	97.00	79.00	80.00	30.00	18.00



Variable: Cobalt (Co)
Units: ppm
Detection Limit: 5
Analytical Method: INAA
Number of Values: 458



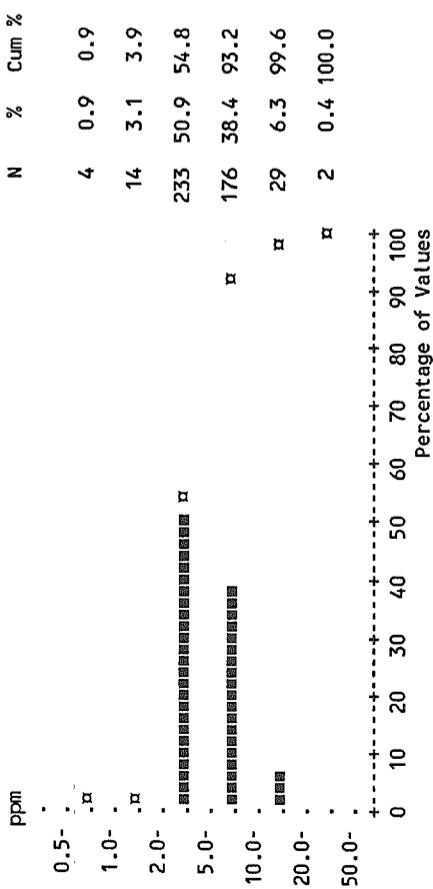
	Total	CoS	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	416	131	68	42	33	26	26	24	16	15	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	20.12	23.78	15.33	21.67	17.84	12.16	20.93	22.96	27.50	16.03	17.40
Standard Deviation	24.32	37.47	11.02	9.69	10.49	8.79	19.02	18.60	26.98	8.06	3.60
Skewness	6.550	4.920	2.110	0.512	0.878	1.802	2.536	2.933	1.743	0.297	0.339
Excess Kurtosis	65.043	31.308	7.560	-0.531	1.826	3.705	7.942	9.424	2.480	-0.664	-1.677
Coef of Var (%)	120.87	157.61	71.86	44.73	58.80	72.34	90.88	81.04	98.10	50.27	20.67
Std Error of the Mean	1.14	3.06	1.26	1.50	1.72	1.63	3.59	3.80	6.36	2.01	1.14
Lower 95% Limit on Mean	17.89	17.73	12.83	18.65	14.34	8.81	13.55	15.10	14.08	11.74	14.83
Upper 95% Limit on Mean	22.36	29.82	17.83	24.69	21.34	15.50	28.30	30.82	40.92	20.32	19.97
Geometric Statistics											
Log10 Mean	1.152	1.137	1.078	1.289	1.153	0.990	1.183	1.278	1.261	1.137	1.232
Geometric Mean	14.19	13.72	11.96	19.45	14.23	9.78	15.23	18.97	18.23	13.71	17.08
Log10 Standard Deviation	0.359	0.430	0.331	0.214	0.337	0.297	0.366	0.259	0.431	0.280	0.088
Log10 Std Error of Mean	0.017	0.035	0.038	0.033	0.055	0.055	0.069	0.053	0.102	0.070	0.028
Lower 95% Limit on Mean	13.15	11.69	10.06	16.68	10.98	7.54	10.98	14.74	11.13	9.72	14.77
Upper 95% Limit on Mean	15.31	16.10	14.21	22.68	18.44	12.68	21.13	24.41	29.87	19.32	19.75
Percentiles											
Minimum Value	2.50	2.50	2.50	6.00	2.50	2.50	2.50	5.00	2.50	2.50	13.00
5th Percentile	2.50	2.50	2.50	6.00	2.50	2.50	2.50	5.00	2.50	2.50	13.00
10th Percentile	5.00	2.50	2.50	9.00	2.50	2.50	5.00	7.00	2.50	6.00	13.00
15th Percentile	6.00	5.00	5.00	12.00	7.00	5.00	6.00	12.00	8.00	6.00	14.00
25th Percentile	10.00	8.00	10.00	15.00	10.00	7.00	8.00	15.00	12.00	9.00	15.00
35th Percentile	12.00	10.00	11.00	17.00	13.00	8.00	13.00	17.00	12.00	13.00	15.00
50th Percentile	15.00	14.00	14.00	19.00	19.00	10.00	16.00	18.00	21.00	15.00	15.00
65th Percentile	19.00	18.00	16.00	23.00	21.00	11.00	21.00	20.00	25.00	18.00	19.00
70th Percentile	21.00	20.00	17.00	24.00	22.00	12.00	24.00	21.00	28.00	19.00	19.00
75th Percentile	23.00	21.00	18.00	28.00	24.00	13.00	26.00	24.00	30.00	21.00	21.00
80th Percentile	25.00	26.00	21.00	29.00	25.00	18.00	27.00	26.00	30.00	21.00	21.00
90th Percentile	34.00	46.00	28.00	37.00	26.00	21.00	37.00	33.00	53.00	22.00	22.00
95th Percentile	46.00	76.00	34.00	41.00	29.00	28.00	43.00	45.00	73.00	28.00	23.00
98th Percentile	90.00	150.00	35.00	41.00	36.00	28.00	43.00	100.00	110.00	33.00	23.00
99th Percentile	110.00	180.00	44.00	42.00	54.00	44.00	100.00	100.00	110.00	33.00	23.00
Maximum Value	330.00	330.00	72.00	42.00	54.00	44.00	100.00	100.00	110.00	33.00	23.00

Variable: Cesium (Cs)

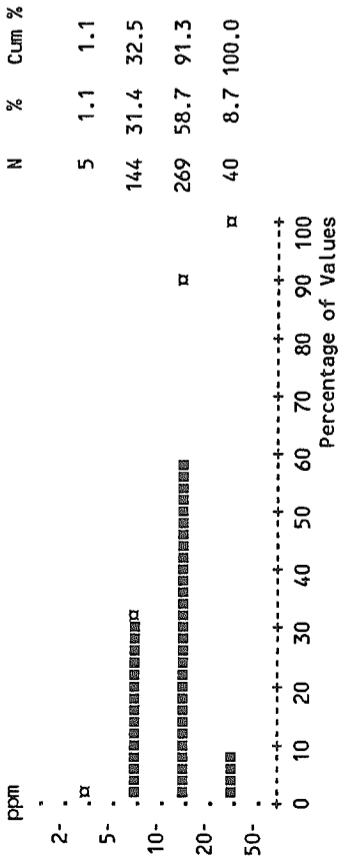
Units: ppm
Detection Limit: .5
Analytical Method: INAA
Number of Values: 458

Statistics per Variable

	Total	COS	Of	SS2	PS5	Df3	COP	OMV	OfV	Df2	PS2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	5.31	5.18	5.81	5.41	4.46	4.68	5.70	4.63	5.71	4.61	4.98
Standard Deviation	2.78	2.87	3.76	1.55	1.30	2.66	3.09	1.53	1.58	2.84	0.94
Skewness	2.405	2.370	2.439	0.141	0.190	2.178	1.774	0.978	0.642	0.812	0.284
Excess Kurtosis	10.485	8.704	9.074	0.280	-0.046	5.485	4.148	0.896	-0.538	-0.459	-1.359
Coef of Var (%)	52.41	55.46	64.76	28.71	29.15	56.95	54.15	33.05	27.66	61.75	18.88
Std Error of the Mean	0.13	0.23	0.43	0.24	0.21	0.49	0.58	0.31	0.37	0.71	0.30
Lower 95% Limit on Mean	5.06	4.72	4.96	4.92	4.03	3.67	4.50	3.98	4.92	3.09	4.31
Upper 95% Limit on Mean	5.57	5.65	6.67	5.89	4.90	5.69	6.90	5.27	6.49	6.12	5.65
Geometric Statistics											
Log10 Mean	0.676	0.660	0.697	0.713	0.629	0.621	0.699	0.644	0.741	0.582	0.690
Geometric Mean	4.75	4.58	4.97	5.17	4.26	4.18	5.00	4.40	5.51	3.82	4.90
Log10 Standard Deviation	0.207	0.220	0.238	0.139	0.143	0.197	0.241	0.140	0.116	0.289	0.082
Log10 Std Error of Mean	0.010	0.018	0.027	0.022	0.023	0.037	0.046	0.028	0.027	0.072	0.026
Lower 95% Limit on Mean	4.54	4.22	4.39	4.67	3.81	3.52	4.03	3.84	4.82	2.68	4.29
Upper 95% Limit on Mean	4.96	4.96	5.63	5.71	4.75	4.97	6.20	5.04	6.30	5.44	5.61
Percentiles											
Minimum Value	0.70	0.70	1.40	2.00	1.30	1.90	0.70	2.00	3.60	0.80	3.60
5th Percentile	2.50	1.80	1.90	2.30	2.30	1.90	0.70	2.00	3.60	0.80	3.60
10th Percentile	2.80	2.60	2.50	3.20	2.80	2.50	3.20	2.80	3.90	1.80	3.60
15th Percentile	3.10	3.00	2.90	3.70	3.40	2.60	3.30	3.40	3.90	1.80	4.20
25th Percentile	3.70	3.60	3.40	4.70	3.60	2.80	3.80	3.70	4.60	2.60	4.30
35th Percentile	4.10	4.10	4.10	4.90	3.90	3.30	4.10	3.90	4.70	2.80	4.40
50th Percentile	4.70	4.60	4.80	5.30	4.40	4.00	4.90	4.40	5.00	3.50	4.60
65th Percentile	5.40	5.40	5.80	5.80	4.50	4.70	5.20	4.80	6.30	4.10	5.40
70th Percentile	5.80	5.60	6.30	6.10	4.80	4.70	6.80	4.90	6.50	5.20	5.40
75th Percentile	6.30	5.90	6.80	6.20	5.00	5.00	6.90	5.10	6.50	6.10	5.50
80th Percentile	6.80	6.20	7.50	6.40	5.60	6.30	7.10	5.20	6.50	6.90	5.50
90th Percentile	8.40	8.00	10.00	7.30	6.30	7.20	7.80	7.20	7.40	7.20	6.30
95th Percentile	10.00	10.00	12.00	7.60	6.70	10.00	11.00	7.40	8.00	9.50	6.50
98th Percentile	13.00	13.00	13.00	9.10	7.00	10.00	11.00	8.90	9.40	11.00	6.50
99th Percentile	15.00	19.00	15.00	9.20	7.30	15.00	17.00	8.90	9.40	11.00	6.50
Maximum Value	26.00	21.00	26.00	9.20	7.30	15.00	17.00	8.90	9.40	11.00	6.50



Variable: Copper (Cu)
Units: ppm
Detection Limit: 2
Analytical Method: AAS
Number of Values: 458



	Total	Cos	Of	Ss2	Ps5	Df3	Cop	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	12.25	11.55	11.61	17.24	10.84	7.52	12.64	16.33	12.17	11.13	14.00
Standard Deviation	5.48	5.03	3.36	6.73	4.23	2.64	4.34	10.33	4.85	2.80	2.31
Skewness	1.881	1.686	1.164	0.785	0.557	0.723	0.253	1.571	0.417	1.125	-0.244
Excess Kurtosis	6.051	3.965	1.952	0.211	-0.579	0.192	-0.636	1.504	-1.268	1.374	-1.186
Coef of Var (%)	44.71	43.50	28.94	39.05	39.00	35.13	34.32	63.26	39.89	25.18	16.50
Std Error of the Mean	0.26	0.41	0.38	1.04	0.69	0.49	0.82	2.11	1.14	0.70	0.73
Lower 95% Limit on Mean	11.75	10.74	10.85	15.14	9.43	6.51	10.96	11.97	9.75	9.63	12.35
Upper 95% Limit on Mean	12.75	12.36	12.37	19.34	12.25	8.52	14.33	20.70	14.58	12.62	15.65
Geometric Statistics											
Log10 Mean	1.052	1.029	1.048	1.204	1.002	0.850	1.075	1.150	1.052	1.035	1.140
Geometric Mean	11.26	10.69	11.18	16.01	10.06	7.08	11.88	14.14	11.27	10.83	13.82
Log10 Standard Deviation	0.175	0.167	0.118	0.171	0.172	0.154	0.162	0.225	0.177	0.102	0.075
Log10 Std Error of Mean	0.008	0.014	0.014	0.026	0.028	0.029	0.031	0.046	0.042	0.026	0.024
Lower 95% Limit on Mean	10.86	10.04	10.51	14.16	8.81	6.19	10.28	11.36	9.20	9.56	12.21
Upper 95% Limit on Mean	11.69	11.37	11.89	18.10	11.48	8.11	13.73	17.59	13.80	12.27	15.64
Percentiles											
Minimum Value	3.00	4.00	6.00	6.00	4.00	3.00	5.00	6.00	5.00	8.00	10.00
5th Percentile	6.00	6.00	7.00	7.00	6.00	3.00	5.00	6.00	5.00	8.00	10.00
10th Percentile	7.00	7.00	8.00	9.00	6.00	4.00	8.00	8.00	7.00	8.00	10.00
15th Percentile	7.00	7.00	8.00	11.00	6.00	5.00	8.00	9.00	8.00	8.00	11.00
25th Percentile	9.00	8.00	9.00	13.00	7.00	6.00	9.00	10.00	8.00	8.00	13.00
35th Percentile	10.00	9.00	10.00	14.00	8.00	6.00	10.00	11.00	9.00	10.00	14.00
50th Percentile	11.00	10.00	11.00	16.00	10.00	7.00	12.00	12.00	10.00	11.00	14.00
65th Percentile	13.00	12.00	12.00	18.00	12.00	8.00	14.00	15.00	13.00	11.00	14.00
70th Percentile	14.00	12.00	13.00	18.00	13.00	8.00	15.00	16.00	14.00	12.00	14.00
75th Percentile	15.00	13.00	13.00	21.00	14.00	9.00	15.00	18.00	17.00	12.00	16.00
80th Percentile	16.00	16.00	14.00	22.00	15.00	9.00	16.00	18.00	17.00	12.00	16.00
90th Percentile	18.00	17.00	15.00	28.00	16.00	10.00	18.00	34.00	18.00	13.00	17.00
95th Percentile	22.00	21.00	17.00	30.00	17.00	13.00	21.00	37.00	20.00	14.00	17.00
98th Percentile	28.00	27.00	20.00	32.00	20.00	13.00	21.00	47.00	21.00	19.00	17.00
99th Percentile	32.00	28.00	22.00	36.00	21.00	14.00	22.00	47.00	21.00	19.00	17.00
Maximum Value	47.00	36.00	24.00	36.00	21.00	14.00	22.00	47.00	21.00	19.00	17.00

Variable: Europium (Eu)

Units: ppm

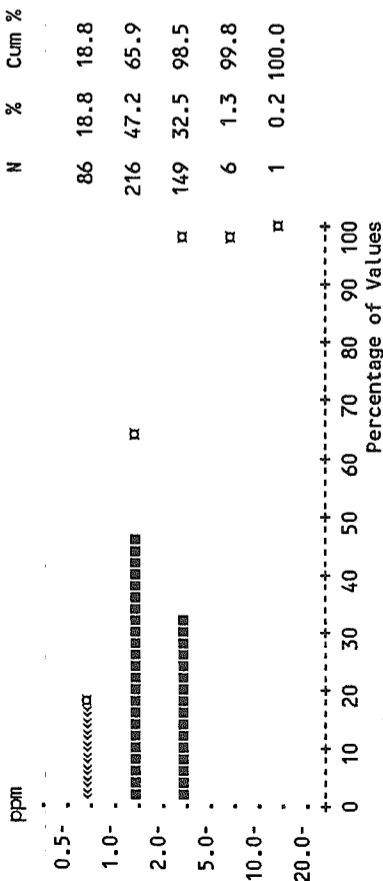
Detection Limit: 1

Analytical Method: INAA

Number of Values: 458

Statistics per Variable

	Total	Cos	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	372	115	66	40	30	21	26	20	15	9	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	1.43	1.28	1.36	2.31	1.42	1.14	1.75	1.33	1.64	0.97	1.50
Standard Deviation	1.08	0.91	0.81	2.10	0.89	0.64	0.96	0.67	0.92	0.56	0.71
Skewness	3.306	2.618	1.430	2.404	1.084	1.080	1.312	0.592	0.736	0.906	0.849
Excess Kurtosis	18.703	10.534	1.528	5.891	0.326	0.438	2.397	-0.655	0.137	-0.659	-0.750
Coef of Var (%)	75.32	70.96	59.72	90.84	62.44	56.19	54.71	50.27	56.16	57.99	47.14
Std Error of the Mean	0.05	0.07	0.09	0.32	0.15	0.12	0.18	0.14	0.22	0.14	0.22
Lower 95% Limit on Mean	1.33	1.13	1.17	1.66	1.12	0.89	1.38	1.05	1.18	0.67	0.99
Upper 95% Limit on Mean	1.53	1.42	1.54	2.96	1.71	1.38	2.12	1.62	2.10	1.27	2.01
Geometric Statistics											
Log10 Mean	0.071	0.029	0.068	0.251	0.076	-0.004	0.184	0.070	0.144	-0.075	0.138
Geometric Mean	1.18	1.07	1.17	1.78	1.19	0.99	1.53	1.18	1.39	0.84	1.37
Log10 Standard Deviation	0.258	0.249	0.232	0.295	0.259	0.231	0.235	0.228	0.267	0.233	0.185
Log10 Std Error of Mean	0.012	0.020	0.026	0.046	0.043	0.043	0.044	0.047	0.063	0.058	0.059
Lower 95% Limit on Mean	1.12	0.97	1.04	1.44	0.98	0.81	1.24	0.94	1.02	0.63	1.01
Upper 95% Limit on Mean	1.24	1.17	1.32	2.20	1.45	1.21	1.88	1.47	1.89	1.12	1.86
Percentiles											
Minimum Value	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00
5th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00
10th Percentile	0.50	0.50	0.50	1.00	0.50	0.50	1.00	0.50	0.50	0.50	1.00
15th Percentile	0.50	0.50	1.00	1.00	0.50	0.50	1.00	0.50	0.50	0.50	1.00
25th Percentile	1.00	1.00	1.00	1.00	1.00	0.50	1.00	1.00	1.00	0.50	1.00
35th Percentile	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	1.00
50th Percentile	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00
65th Percentile	1.00	1.00	1.00	2.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00
70th Percentile	2.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	2.00	1.00	2.00
75th Percentile	2.00	2.00	2.00	2.00	2.00	1.00	2.00	2.00	2.00	1.00	2.00
80th Percentile	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	2.00
90th Percentile	2.00	2.00	2.00	4.00	3.00	2.00	3.00	2.00	2.00	2.00	2.00
95th Percentile	3.00	3.00	3.00	7.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00
98th Percentile	4.00	4.00	3.00	7.00	3.00	2.00	3.00	3.00	4.00	2.00	3.00
99th Percentile	5.00	4.00	4.00	11.00	4.00	3.00	5.00	3.00	4.00	2.00	3.00
Maximum Value	11.00	7.00	4.00	11.00	4.00	3.00	5.00	3.00	4.00	2.00	3.00



Variable: Fluorine (F)

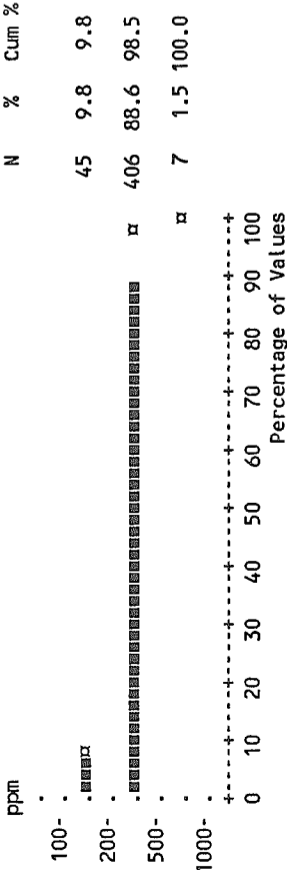
Units: ppm

Detection Limit: 40

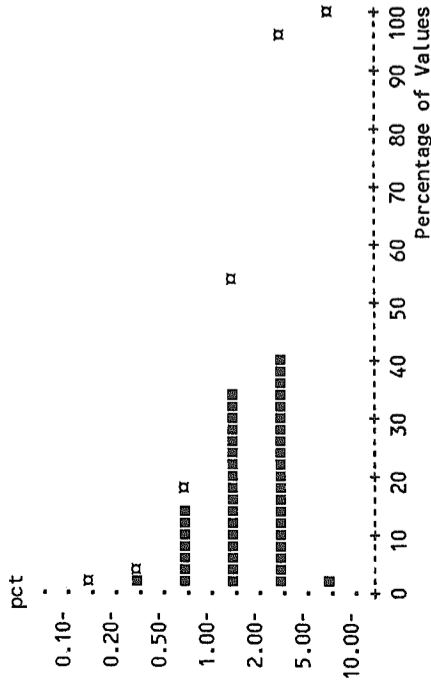
Analytical Method: ISE

Number of Values: 458

Total	COs	Of	SS2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites										
458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.										
458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values										
0	0	0	0	0	0	0	0	0	0	0
Mean										
289.50	276.67	295.19	313.81	235.14	273.10	324.64	343.33	286.11	265.00	327.00
Standard Deviation										
80.71	74.49	69.43	57.08	68.30	79.51	95.47	101.67	58.32	59.89	30.20
Skewness										
0.886	0.662	0.512	-0.148	0.741	0.730	0.427	0.876	-0.125	0.175	0.716
Excess Kurtosis										
2.222	0.309	0.842	0.543	-0.295	0.645	-0.307	0.918	-1.216	-1.221	-0.607
Coef of Var (%)										
27.88	26.92	23.52	18.19	29.05	29.11	29.41	29.61	20.38	22.60	9.24
Std Error of the Mean										
3.77	6.08	7.91	8.81	11.23	14.77	18.04	20.75	13.75	14.97	9.55
Lower 95% Limit on Mean										
282.09	264.65	279.44	296.02	212.35	242.86	287.62	300.40	257.10	233.09	305.40
Upper 95% Limit on Mean										
296.91	288.69	310.95	331.60	257.92	303.34	361.67	386.27	315.12	296.91	348.60
Geometric Statistics										
Log10 Mean										
2.445	2.427	2.458	2.489	2.355	2.419	2.493	2.518	2.447	2.413	2.513
Geometric Mean										
278.74	267.04	287.20	308.30	226.21	262.39	310.94	329.85	280.20	258.61	325.80
Log10 Standard Deviation										
0.120	0.117	0.103	0.085	0.121	0.126	0.132	0.125	0.093	0.100	0.039
Log10 Std Error of Mean										
0.006	0.010	0.012	0.013	0.020	0.023	0.025	0.026	0.022	0.025	0.012
Lower 95% Limit on Mean										
271.74	255.72	272.11	289.96	206.11	235.07	276.27	291.99	251.92	228.82	305.55
Upper 95% Limit on Mean										
285.93	278.85	303.12	327.80	248.28	292.89	349.97	372.63	311.66	292.28	347.39
Percentiles										
Minimum Value										
110.00	110.00	170.00	150.00	140.00	130.00	140.00	180.00	180.00	180.00	290.00
5th Percentile										
180.00	180.00	180.00	200.00	140.00	130.00	140.00	180.00	180.00	180.00	290.00
10th Percentile										
200.00	190.00	200.00	250.00	160.00	190.00	210.00	200.00	200.00	180.00	290.00
15th Percentile										
200.00	200.00	220.00	260.00	170.00	200.00	240.00	250.00	210.00	180.00	300.00
25th Percentile										
230.00	230.00	250.00	280.00	180.00	210.00	260.00	270.00	250.00	210.00	300.00
35th Percentile										
250.00	240.00	270.00	300.00	200.00	220.00	280.00	290.00	260.00	250.00	320.00
50th Percentile										
280.00	270.00	300.00	310.00	210.00	250.00	300.00	320.00	280.00	260.00	320.00
65th Percentile										
310.00	300.00	310.00	330.00	250.00	310.00	340.00	360.00	310.00	280.00	330.00
70th Percentile										
320.00	300.00	320.00	340.00	250.00	320.00	380.00	370.00	320.00	280.00	330.00
75th Percentile										
330.00	320.00	330.00	350.00	280.00	320.00	380.00	380.00	340.00	310.00	340.00
80th Percentile										
350.00	330.00	360.00	360.00	300.00	330.00	390.00	400.00	340.00	320.00	340.00
90th Percentile										
390.00	380.00	380.00	390.00	330.00	350.00	460.00	470.00	360.00	320.00	360.00
95th Percentile										
420.00	420.00	400.00	400.00	400.00	350.00	390.00	480.00	360.00	360.00	390.00
98th Percentile										
480.00	450.00	410.00	430.00	350.00	390.00	490.00	640.00	370.00	370.00	390.00
99th Percentile										
520.00	470.00	410.00	440.00	420.00	510.00	550.00	640.00	370.00	370.00	390.00
Maximum Value										
720.00	520.00	550.00	440.00	420.00	510.00	550.00	640.00	370.00	370.00	390.00

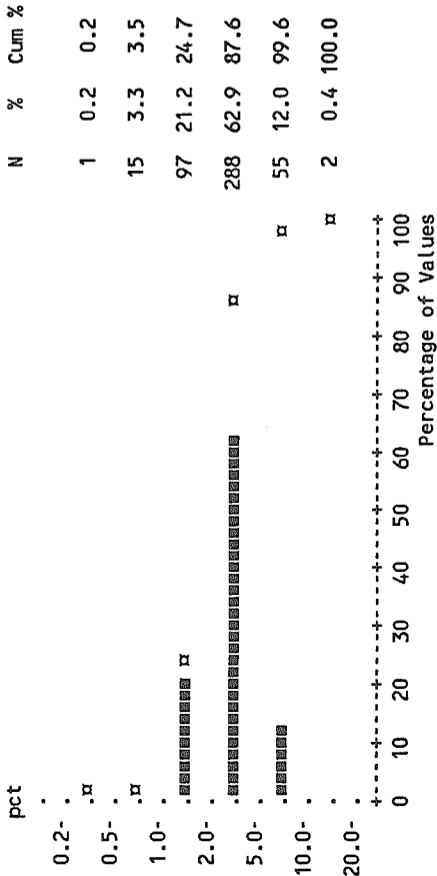


Variable: Iron (Fe)
Units: pct
Detection Limit: 0.02
Analytical Method: AAS
Number of Values: 458



	Total	COs	Of	SS2	PS5	Df3	COp	Omv	Ofv	Df2	PS2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	2.07	1.66	1.96	2.75	1.98	1.52	2.66	3.27	1.87	2.37	2.93
Standard Deviation	1.36	1.27	1.37	1.11	1.05	0.89	1.57	1.96	1.03	1.33	0.67
Skewness	1.528	2.388	1.855	0.130	0.631	0.851	0.872	0.994	0.450	0.239	0.235
Excess Kurtosis	3.944	9.215	4.845	-0.246	-0.357	-0.318	0.673	1.061	-0.955	-1.600	-1.530
Coef of Var (%)	65.90	76.39	70.20	40.26	52.96	58.76	59.22	59.99	54.83	55.95	22.87
Std Error of the Mean	0.06	0.10	0.16	0.17	0.17	0.17	0.30	0.40	0.24	0.33	0.21
Lower 95% Limit on Mean	1.94	1.46	1.65	2.41	1.63	1.18	2.05	2.44	1.36	1.66	2.45
Upper 95% Limit on Mean	2.19	1.87	2.27	3.10	2.32	1.86	3.27	4.10	2.38	3.08	3.41
Geometric Statistics											
Log10 Mean	0.220	0.117	0.195	0.393	0.225	0.108	0.334	0.426	0.201	0.301	0.457
Geometric Mean	1.66	1.31	1.56	2.47	1.68	1.28	2.16	2.66	1.59	2.00	2.86
Log10 Standard Deviation	0.304	0.305	0.307	0.232	0.277	0.267	0.321	0.317	0.266	0.274	0.100
Log10 Std Error of Mean	0.014	0.025	0.035	0.036	0.046	0.050	0.061	0.065	0.063	0.068	0.032
Lower 95% Limit on Mean	1.56	1.17	1.33	2.09	1.36	1.02	1.62	1.96	1.17	1.43	2.43
Upper 95% Limit on Mean	1.77	1.47	1.84	2.92	2.08	1.62	2.87	3.63	2.16	2.80	3.37
Percentiles											
Minimum Value	0.15	0.15	0.15	0.40	0.20	0.25	0.25	0.35	0.55	0.65	2.00
5th Percentile	0.45	0.40	0.45	0.45	0.50	0.25	0.25	0.35	0.55	0.65	2.00
10th Percentile	0.65	0.50	0.55	1.20	0.70	0.65	0.65	0.70	0.65	0.95	2.00
15th Percentile	0.75	0.60	0.70	1.70	0.95	0.70	1.10	1.20	0.65	0.95	2.20
25th Percentile	1.10	0.85	1.10	2.20	1.10	0.80	1.60	2.10	1.10	1.10	2.50
35th Percentile	1.40	1.10	1.30	2.30	1.60	0.90	1.90	2.40	1.20	1.50	2.60
50th Percentile	1.70	1.40	1.60	2.60	1.80	1.30	2.20	2.80	1.60	2.00	2.70
65th Percentile	2.20	1.60	2.10	2.90	2.00	1.50	2.80	3.60	2.20	2.90	3.20
70th Percentile	2.40	1.80	2.20	3.10	2.20	1.50	3.40	4.00	2.40	3.30	3.20
75th Percentile	2.70	2.00	2.30	3.40	2.30	2.20	3.50	4.00	2.60	3.40	3.50
80th Percentile	3.10	2.20	2.60	3.80	3.10	2.20	3.90	4.10	2.60	3.70	3.50
90th Percentile	3.90	3.20	3.80	4.30	3.50	2.80	4.20	5.60	3.00	3.90	3.90
95th Percentile	4.30	4.20	4.50	4.40	3.80	3.50	5.80	6.80	3.70	4.20	3.90
98th Percentile	5.60	4.70	5.10	4.80	4.30	3.50	5.80	9.00	3.90	4.60	3.90
99th Percentile	5.90	5.60	5.60	5.40	4.30	3.60	7.20	9.00	3.90	4.60	3.90
Maximum Value	9.50	9.50	8.30	5.40	4.30	3.60	7.20	9.00	3.90	4.60	3.90

Variable: Iron (Fe)
Units: pct
Detection Limit: .2
Analytical Method: INAA
Number of Values: 458



	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	3.12	2.63	3.10	4.07	2.76	2.57	4.05	4.25	2.83	3.26	4.26
Standard Deviation	1.56	1.46	1.70	1.20	1.19	1.03	2.05	1.90	1.08	1.27	0.64
Skewness	1.020	1.858	0.861	-0.584	0.372	0.199	0.422	1.091	-0.201	-0.050	0.894
Excess Kurtosis	1.959	6.823	0.060	0.450	-0.676	-1.028	-0.647	1.488	-1.305	-1.379	-0.775
Coef of Var (%)	50.19	55.33	54.87	29.44	43.13	39.96	50.56	44.83	38.15	38.90	15.06
Std Error of the Mean	0.07	0.12	0.19	0.19	0.20	0.19	0.39	0.39	0.25	0.32	0.20
Lower 95% Limit on Mean	2.97	2.40	2.71	3.70	2.37	2.18	3.26	3.44	2.30	2.59	3.80
Upper 95% Limit on Mean	3.26	2.86	3.48	4.45	3.16	2.96	4.84	5.05	3.37	3.94	4.72
Geometric Statistics											
Log10 Mean	0.436	0.359	0.423	0.582	0.397	0.371	0.543	0.587	0.416	0.477	0.625
Geometric Mean	2.73	2.29	2.65	3.82	2.49	2.35	3.49	3.86	2.60	3.00	4.22
Log10 Standard Deviation	0.236	0.235	0.256	0.187	0.211	0.195	0.262	0.200	0.194	0.194	0.062
Log10 Std Error of Mean	0.011	0.019	0.029	0.029	0.035	0.036	0.049	0.041	0.046	0.049	0.020
Lower 95% Limit on Mean	2.60	2.10	2.32	3.34	2.12	1.98	2.76	3.18	2.09	2.36	3.81
Upper 95% Limit on Mean	2.87	2.50	3.03	4.36	2.93	2.79	4.41	4.69	3.25	3.81	4.67
Percentiles											
Minimum Value	0.40	0.50	0.40	0.50	0.60	0.70	0.60	1.20	1.10	1.10	3.50
5th Percentile	1.10	0.90	1.00	1.60	1.00	0.70	0.60	1.20	1.10	1.10	3.50
10th Percentile	1.30	1.10	1.20	2.40	1.30	1.20	1.70	1.60	1.40	1.70	3.50
15th Percentile	1.60	1.30	1.50	2.80	1.60	1.30	1.80	2.90	1.40	1.70	3.90
25th Percentile	2.00	1.60	1.90	3.40	1.90	1.80	2.30	3.20	1.50	2.00	3.90
35th Percentile	2.40	2.00	2.20	3.70	2.10	1.90	3.10	3.40	2.10	2.40	3.90
50th Percentile	2.90	2.50	2.70	4.10	2.70	2.30	3.50	3.80	3.00	3.30	4.00
65th Percentile	3.50	2.90	3.30	4.50	2.90	2.90	4.90	4.20	3.40	4.00	4.10
70th Percentile	3.80	3.10	3.60	4.60	3.60	2.90	5.40	4.60	3.50	4.00	4.10
75th Percentile	4.00	3.30	4.20	4.90	3.70	3.30	5.40	5.10	3.60	4.20	4.40
80th Percentile	4.30	3.40	4.40	5.00	3.90	3.50	5.50	5.30	3.60	4.20	4.40
90th Percentile	5.20	4.30	5.30	5.40	4.20	3.80	6.00	6.10	3.70	4.40	5.40
95th Percentile	5.90	5.10	6.40	5.90	4.40	4.30	7.80	7.60	4.40	5.20	5.40
98th Percentile	7.00	6.10	7.00	6.00	5.20	4.30	7.80	10.00	4.60	5.20	5.40
99th Percentile	7.60	7.60	7.30	6.20	5.50	4.60	8.80	10.00	4.60	5.20	5.40
Maximum Value	11.00	11.00	7.90	6.20	5.50	4.60	8.80	10.00	4.60	5.20	5.40

Variable: Hafnium (Hf)

Units: ppm

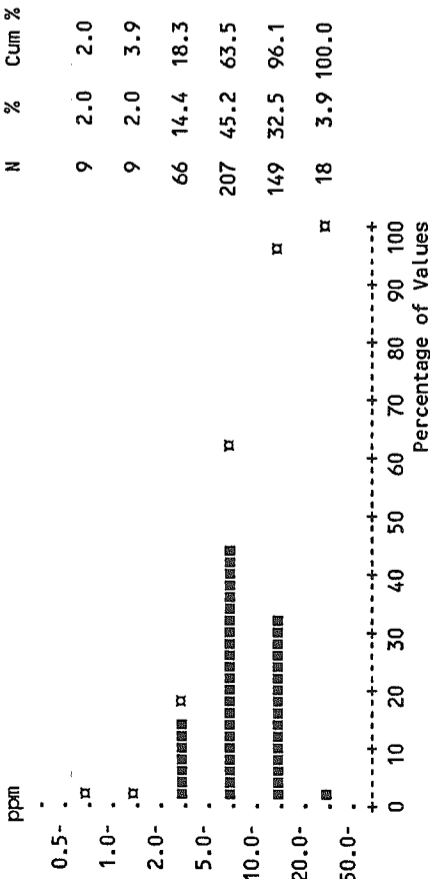
Detection Limit: 1

Analytical Method: INAA

Number of Values: 458

Statistics per Variable

	Total	COS	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	449	148	75	41	37	29	25	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	8.72	7.62	8.53	8.32	8.86	15.59	10.34	8.58	9.56	6.88	9.10
Standard Deviation	5.63	4.11	7.14	2.92	3.08	7.59	9.50	3.30	5.34	5.10	2.64
Skewness	2.217	0.865	2.380	-0.524	0.378	1.142	1.660	0.864	1.846	1.857	0.618
Excess Kurtosis	9.352	1.717	8.088	-0.101	1.067	1.768	3.278	0.668	3.664	3.431	-1.252
Coef of Var (%)	64.57	53.89	83.66	35.06	34.79	48.73	91.90	38.40	55.87	74.14	29.05
Std Error of the Mean	0.26	0.34	0.81	0.45	0.51	1.41	1.80	0.67	1.26	1.27	0.84
Lower 95% Limit on Mean	8.20	6.96	6.91	7.41	7.84	12.70	6.65	7.19	6.90	4.16	7.21
Upper 95% Limit on Mean	9.23	8.28	10.15	9.23	9.89	18.47	14.02	9.98	12.21	9.59	10.99
Geometric Statistics											
Log10 Mean	0.848	0.803	0.800	0.874	0.913	1.139	0.797	0.904	0.930	0.752	0.944
Geometric Mean	7.04	6.36	6.30	7.49	8.19	13.78	6.27	8.02	8.51	5.65	8.78
Log10 Standard Deviation	0.317	0.295	0.364	0.250	0.203	0.238	0.521	0.165	0.210	0.272	0.120
Log10 Std Error of Mean	0.015	0.024	0.041	0.039	0.033	0.044	0.098	0.034	0.049	0.068	0.038
Lower 95% Limit on Mean	6.59	5.70	5.21	6.26	7.01	11.19	3.94	6.83	6.69	4.05	7.21
Upper 95% Limit on Mean	7.53	7.09	7.62	8.96	9.57	16.98	9.98	9.41	10.82	7.89	10.70
Percentiles											
Minimum Value	0.50	0.50	0.50	0.50	1.00	2.00	0.50	4.00	3.00	2.00	6.00
5th Percentile	2.00	2.00	1.00	2.00	4.00	2.00	0.50	4.00	3.00	2.00	6.00
10th Percentile	3.00	2.00	2.00	5.00	5.00	8.00	0.50	4.00	5.00	3.00	6.00
15th Percentile	4.00	3.00	3.00	5.00	6.00	8.00	1.00	5.00	6.00	3.00	7.00
25th Percentile	5.00	5.00	4.00	6.00	7.00	10.00	3.00	6.00	6.00	3.00	7.00
35th Percentile	6.00	6.00	5.00	7.00	8.00	12.00	5.00	7.00	6.00	4.00	8.00
50th Percentile	8.00	7.00	7.00	8.00	9.00	14.00	8.00	8.00	8.00	5.00	8.00
65th Percentile	10.00	9.00	8.00	10.00	9.00	17.00	11.00	10.00	10.00	7.00	9.00
70th Percentile	10.00	10.00	10.00	10.00	10.00	17.00	12.00	10.00	10.00	7.00	9.00
75th Percentile	11.00	10.00	11.00	11.00	10.00	18.00	13.00	10.00	11.00	8.00	12.00
80th Percentile	12.00	10.00	12.00	11.00	11.00	18.00	13.00	10.00	11.00	9.00	12.00
90th Percentile	14.00	13.00	16.00	12.00	11.00	24.00	20.00	12.00	13.00	10.00	12.00
95th Percentile	18.00	14.00	20.00	12.00	15.00	29.00	26.00	14.00	16.00	11.00	14.00
98th Percentile	25.00	16.00	26.00	12.00	16.00	29.00	26.00	18.00	27.00	23.00	14.00
99th Percentile	27.00	22.00	31.00	14.00	17.00	40.00	44.00	18.00	27.00	23.00	14.00
Maximum Value	45.00	25.00	45.00	14.00	17.00	40.00	44.00	18.00	27.00	23.00	14.00



Variable: Mercury (Hg)

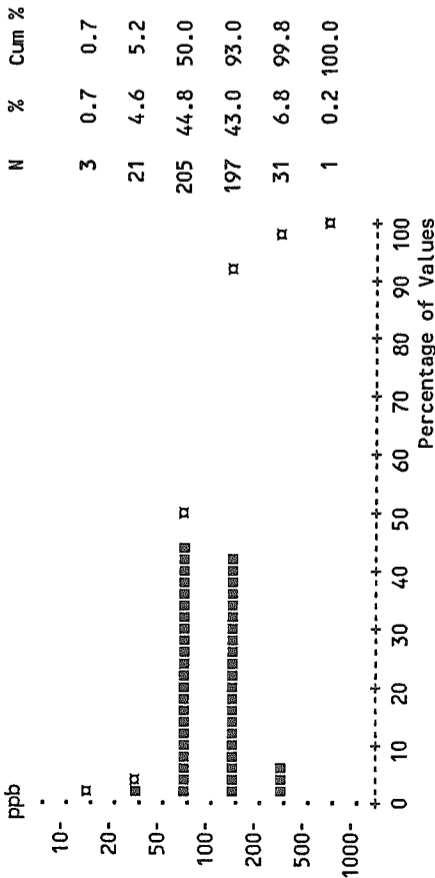
Units: ppb

Detection Limit: 10

Analytical Method: CV-AAS

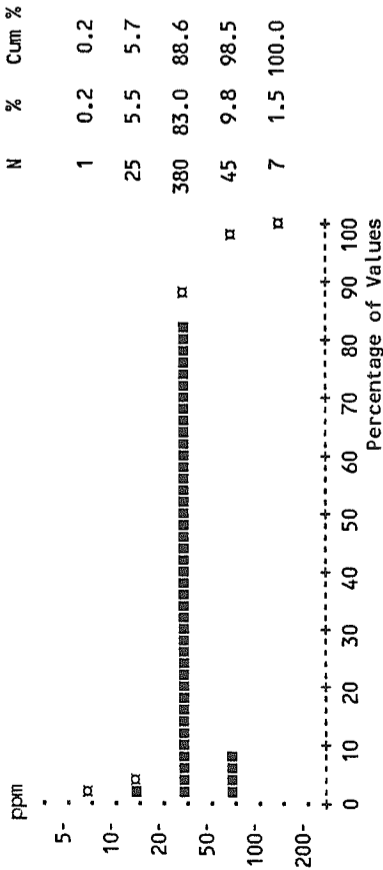
Number of Values: 458

	Total	C0s	Of	Ss2	Ps5	Df3	C0p	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	110.07	108.33	118.70	117.14	104.86	72.76	113.21	115.42	105.00	125.63	90.00
Standard Deviation	61.02	52.36	54.59	61.73	48.40	32.06	96.53	53.40	52.94	72.84	38.87
Skewness	2.241	0.971	1.249	2.087	2.139	0.204	2.368	-0.156	0.162	1.216	1.073
Excess Kurtosis	9.379	1.193	1.637	3.674	6.236	-0.351	6.114	-1.239	-1.443	0.825	0.113
Coef of Var (%)	55.44	48.33	45.99	52.70	46.15	44.06	85.27	46.27	50.42	57.99	43.19
Std Error of the Mean	2.85	4.28	6.22	9.53	7.96	5.95	18.24	10.90	12.48	18.21	12.29
Lower 95% Limit on Mean	104.46	99.89	106.31	97.90	88.72	60.57	75.78	92.86	78.67	86.82	62.19
Upper 95% Limit on Mean	115.67	116.78	131.09	136.38	121.01	84.95	150.65	137.97	131.33	164.43	117.81
Geometric Statistics											
Log10 Mean	1.984	1.982	2.034	2.028	1.987	1.807	1.940	2.000	1.960	2.038	1.923
Geometric Mean	96.46	95.98	108.14	106.67	96.97	64.17	87.09	99.89	91.22	109.17	83.75
Log10 Standard Deviation	0.228	0.225	0.186	0.176	0.166	0.248	0.327	0.265	0.247	0.236	0.168
Log10 Std Error of Mean	0.011	0.018	0.021	0.027	0.027	0.046	0.062	0.054	0.058	0.059	0.053
Lower 95% Limit on Mean	91.91	88.27	98.11	94.02	85.38	51.63	65.03	77.20	68.72	81.68	63.47
Upper 95% Limit on Mean	101.23	104.36	119.19	121.01	110.13	79.77	116.64	129.25	121.07	145.91	110.51
Percentiles											
Minimum Value	10.00	10.00	50.00	50.00	60.00	10.00	10.00	20.00	40.00	40.00	50.00
5th Percentile	40.00	50.00	60.00	60.00	60.00	10.00	10.00	20.00	40.00	40.00	50.00
10th Percentile	50.00	50.00	60.00	70.00	60.00	30.00	30.00	30.00	40.00	50.00	50.00
15th Percentile	60.00	60.00	70.00	80.00	60.00	40.00	40.00	50.00	40.00	50.00	60.00
25th Percentile	70.00	70.00	80.00	90.00	70.00	50.00	60.00	60.00	50.00	70.00	60.00
35th Percentile	80.00	80.00	90.00	90.00	80.00	60.00	80.00	80.00	60.00	90.00	70.00
50th Percentile	90.00	100.00	100.00	90.00	90.00	70.00	90.00	120.00	110.00	110.00	70.00
65th Percentile	120.00	120.00	130.00	110.00	110.00	80.00	100.00	140.00	130.00	120.00	90.00
70th Percentile	120.00	120.00	140.00	110.00	110.00	80.00	110.00	150.00	130.00	130.00	90.00
75th Percentile	130.00	130.00	150.00	120.00	120.00	90.00	120.00	150.00	150.00	130.00	110.00
80th Percentile	150.00	150.00	160.00	130.00	140.00	90.00	120.00	160.00	150.00	170.00	110.00
90th Percentile	180.00	180.00	180.00	200.00	150.00	110.00	210.00	170.00	170.00	180.00	120.00
95th Percentile	210.00	210.00	210.00	300.00	170.00	120.00	310.00	190.00	180.00	240.00	180.00
98th Percentile	310.00	230.00	260.00	310.00	180.00	120.00	310.00	210.00	200.00	320.00	180.00
99th Percentile	310.00	250.00	290.00	310.00	310.00	150.00	490.00	210.00	200.00	320.00	180.00
Maximum Value	540.00	320.00	310.00	310.00	310.00	150.00	490.00	210.00	200.00	320.00	180.00

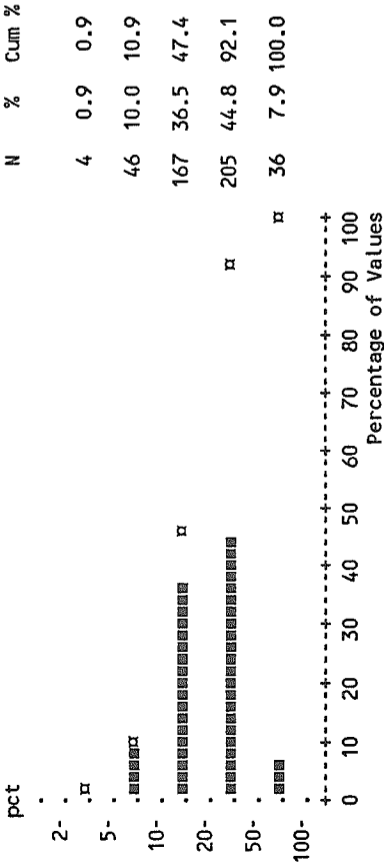


Variable: Lanthanum (La)
Units: ppm
Detection Limit: 2
Analytical Method: INAA
Number of Values: 458

	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	35.99	34.48	35.73	46.12	31.76	37.45	41.29	35.29	38.28	28.56	33.70
Standard Deviation	17.19	16.99	15.49	23.81	6.39	13.55	29.34	10.43	14.63	10.15	6.65
Skewness	3.488	4.093	2.050	2.172	0.724	1.276	3.059	0.211	0.429	0.336	0.841
Excess Kurtosis	19.781	26.748	6.024	4.966	0.044	1.063	10.498	-0.921	-1.164	-1.158	0.281
Coef of Var (%)	47.75	49.28	43.35	51.63	20.11	36.17	71.08	29.56	38.22	35.54	19.74
Std Error of the Mean	0.80	1.39	1.76	3.67	1.05	2.52	5.55	2.13	3.45	2.54	2.10
Lower 95% Limit on Mean	34.41	31.74	32.21	38.70	29.63	32.30	29.91	30.89	31.00	23.15	28.94
Upper 95% Limit on Mean	37.57	37.22	39.24	53.54	33.89	42.60	52.67	39.70	45.55	33.97	38.46
Geometric Statistics											
Log10 Mean	1.523	1.504	1.521	1.623	1.494	1.550	1.552	1.529	1.553	1.429	1.521
Geometric Mean	33.31	31.93	33.22	42.02	31.17	35.48	35.65	33.77	35.71	26.87	33.15
Log10 Standard Deviation	0.162	0.160	0.160	0.179	0.085	0.141	0.226	0.134	0.168	0.158	0.082
Log10 Std Error of Mean	0.008	0.013	0.018	0.028	0.014	0.026	0.043	0.027	0.040	0.040	0.026
Lower 95% Limit on Mean	32.19	30.08	30.55	36.96	29.21	31.35	29.13	29.64	29.47	22.13	28.97
Upper 95% Limit on Mean	34.47	33.89	36.12	47.76	33.26	40.14	43.63	38.48	43.26	32.64	37.93
Percentiles											
Minimum Value	8.00	14.00	17.00	18.00	22.00	18.00	8.00	18.00	19.00	15.00	25.00
5th Percentile	19.00	18.00	19.00	21.00	23.00	18.00	8.00	18.00	19.00	15.00	25.00
10th Percentile	22.00	20.00	21.00	24.00	24.00	26.00	24.00	19.00	22.00	16.00	25.00
15th Percentile	23.00	22.00	23.00	30.00	24.00	26.00	24.00	24.00	22.00	16.00	26.00
25th Percentile	26.00	25.00	24.00	33.00	27.00	28.00	28.00	27.00	26.00	22.00	31.00
35th Percentile	29.00	28.00	29.00	36.00	29.00	29.00	30.00	29.00	26.00	22.00	32.00
50th Percentile	32.00	31.00	32.00	40.00	31.00	32.00	33.00	34.00	36.00	24.00	32.00
65th Percentile	36.00	35.00	37.00	44.00	33.00	38.00	36.00	41.00	42.00	31.00	36.00
70th Percentile	39.00	37.00	37.00	45.00	34.00	38.00	42.00	42.00	44.00	35.00	36.00
75th Percentile	41.00	39.00	40.00	51.00	35.00	39.00	42.00	44.00	49.00	36.00	36.00
80th Percentile	42.00	41.00	42.00	51.00	35.00	45.00	42.00	44.00	49.00	38.00	36.00
90th Percentile	51.00	48.00	51.00	66.00	41.00	57.00	61.00	48.00	57.00	39.00	36.00
95th Percentile	62.00	59.00	62.00	100.00	44.00	65.00	84.00	49.00	61.00	41.00	49.00
98th Percentile	84.00	65.00	73.00	110.00	44.00	65.00	84.00	58.00	67.00	49.00	49.00
99th Percentile	100.00	100.00	81.00	140.00	49.00	78.00	170.00	58.00	67.00	49.00	49.00
Maximum Value	170.00	170.00	110.00	140.00	49.00	78.00	170.00	58.00	67.00	49.00	49.00

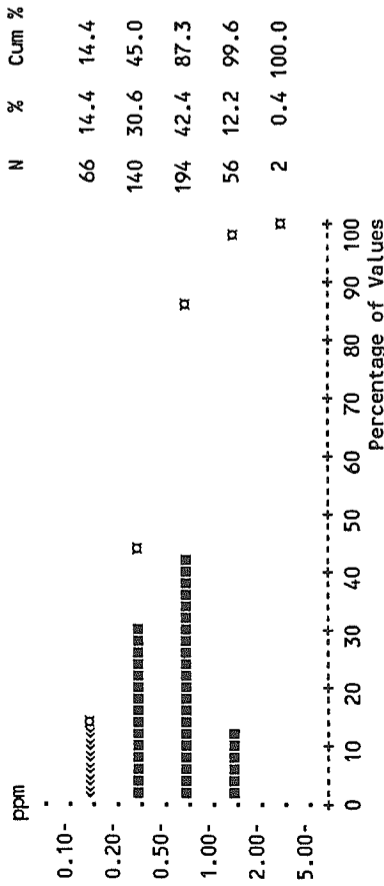


Variable: Loss-On-Ignition (LOI)
Units: pct
Detection Limit: 1.0
Analytical Method: GRAV
Number of Values: 458



	Total	CoS	Of	Ss2	Ps5	Df3	Cop	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	24.61	26.15	29.42	20.62	17.48	21.49	25.35	19.31	22.84	30.66	12.37
Standard Deviation	14.88	15.72	13.86	14.99	13.94	9.24	15.43	9.70	16.77	14.90	7.50
Skewness	1.219	1.018	0.746	2.080	3.084	0.438	0.578	0.750	2.087	1.106	1.711
Excess Kurtosis	1.396	0.435	-0.119	4.479	11.969	-0.606	-0.906	0.524	4.735	0.358	1.983
Coef of Var (%)	60.46	60.09	47.10	72.69	79.77	43.00	60.86	50.22	73.41	48.61	60.67
Std Error of the Mean	0.70	1.28	1.58	2.31	2.29	1.72	2.92	1.98	3.95	3.73	2.37
Lower 95% Limit on Mean	23.24	23.62	26.28	15.95	12.82	17.98	19.36	15.22	14.50	22.72	7.00
Upper 95% Limit on Mean	25.97	28.69	32.57	25.29	22.13	25.00	31.33	23.41	31.18	38.60	17.74
Geometric Statistics											
Log10 Mean	1.315	1.339	1.421	1.234	1.159	1.290	1.316	1.230	1.275	1.445	1.041
Geometric Mean	20.64	21.82	26.34	17.16	14.44	19.49	20.70	16.98	18.84	27.83	10.99
Log10 Standard Deviation	0.263	0.272	0.209	0.252	0.254	0.202	0.297	0.233	0.272	0.193	0.208
Log10 Std Error of Mean	0.012	0.022	0.024	0.039	0.042	0.038	0.056	0.048	0.064	0.048	0.066
Lower 95% Limit on Mean	19.52	19.72	23.61	14.32	11.87	16.33	15.88	13.54	13.79	21.97	7.80
Upper 95% Limit on Mean	21.82	24.13	29.38	20.56	17.55	23.28	26.98	21.30	25.73	35.26	15.49
Percentiles											
Minimum Value	3.10	3.10	8.70	5.60	5.70	6.40	4.40	6.00	5.70	14.00	5.60
5th Percentile	7.00	8.00	12.20	6.60	6.10	6.40	4.40	6.00	5.70	14.00	5.60
10th Percentile	9.70	10.40	13.20	8.90	7.00	9.00	8.10	6.70	6.80	16.10	5.60
15th Percentile	11.00	11.90	14.80	9.90	7.80	12.20	9.80	9.20	10.10	16.10	6.80
25th Percentile	13.60	13.90	18.10	10.70	8.80	14.10	11.50	10.30	14.40	20.10	8.70
35th Percentile	16.10	17.30	22.20	12.80	10.90	15.40	16.20	11.50	14.70	21.20	8.80
50th Percentile	20.80	21.50	27.10	16.10	12.90	20.00	20.80	19.90	16.10	27.50	11.00
65th Percentile	26.80	30.00	32.10	19.00	17.80	25.30	25.80	22.70	26.20	31.10	11.70
70th Percentile	29.10	31.30	35.90	19.60	18.40	25.80	32.70	23.40	26.50	31.90	11.70
75th Percentile	31.80	34.60	36.80	23.00	19.70	27.70	34.40	23.80	26.60	35.30	12.90
80th Percentile	35.30	36.60	39.60	26.40	25.90	28.70	36.80	26.00	26.60	37.40	12.90
90th Percentile	46.60	49.60	48.90	37.10	26.70	32.50	46.60	30.70	33.10	43.40	14.90
95th Percentile	54.00	62.00	54.00	51.30	34.70	40.20	53.70	31.20	36.20	55.60	32.20
98th Percentile	64.80	67.40	61.60	60.00	36.40	40.20	53.70	47.10	80.10	68.50	32.20
99th Percentile	68.90	69.50	63.10	79.20	84.80	42.80	57.10	47.10	80.10	68.50	32.20
Maximum Value	84.80	74.50	68.50	79.20	84.80	42.80	57.10	47.10	80.10	68.50	32.20

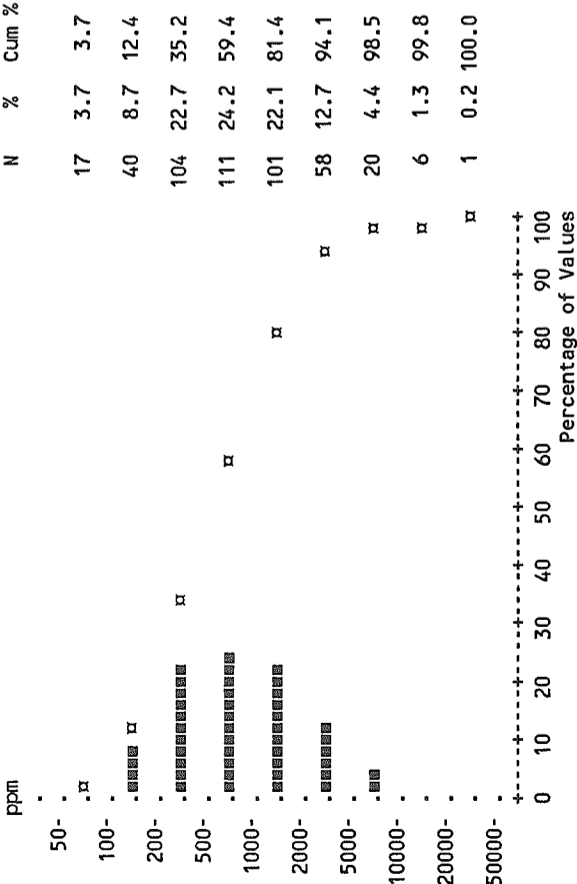
Variable: Lutetium (Lu)
Units: ppm
Detection Limit: .2
Analytical Method: INAA
Number of Values: 458



	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	392	140	61	41	33	26	18	24	18	6	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	0.56	0.57	0.59	0.77	0.37	0.79	0.54	0.58	0.62	0.24	0.43
Standard Deviation	0.37	0.30	0.44	0.36	0.18	0.33	0.61	0.29	0.30	0.22	0.21
Skewness	1.465	0.691	1.280	0.508	1.073	-0.113	2.574	0.837	0.063	1.269	1.878
Excess Kurtosis	5.537	0.621	2.970	-0.493	2.125	0.970	8.240	-0.326	-1.436	0.361	2.376
Coef of Var (%)	66.20	51.63	74.78	47.41	49.25	42.21	112.27	50.57	48.25	92.09	49.09
Std Error of the Mean	0.02	0.02	0.05	0.06	0.03	0.06	0.12	0.06	0.07	0.05	0.07
Lower 95% Limit on Mean	0.53	0.52	0.49	0.66	0.31	0.67	0.31	0.45	0.47	0.12	0.28
Upper 95% Limit on Mean	0.60	0.62	0.70	0.88	0.43	0.92	0.78	0.70	0.76	0.35	0.58
Geometric Statistics											
Log10 Mean	-0.358	-0.312	-0.371	-0.170	-0.487	-0.170	-0.481	-0.292	-0.268	-0.763	-0.398
Geometric Mean	0.44	0.49	0.43	0.68	0.33	0.68	0.33	0.51	0.54	0.17	0.40
Log10 Standard Deviation	0.336	0.268	0.392	0.241	0.236	0.307	0.451	0.218	0.245	0.337	0.160
Log10 Std Error of Mean	0.016	0.022	0.045	0.037	0.039	0.057	0.085	0.045	0.058	0.084	0.051
Lower 95% Limit on Mean	0.41	0.44	0.35	0.57	0.27	0.52	0.22	0.41	0.41	0.11	0.31
Upper 95% Limit on Mean	0.47	0.54	0.52	0.80	0.39	0.88	0.49	0.63	0.71	0.26	0.52
Percentiles											
Minimum Value	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.10	0.30
5th Percentile	0.10	0.10	0.10	0.20	0.10	0.10	0.10	0.20	0.20	0.10	0.30
10th Percentile	0.10	0.20	0.10	0.40	0.10	0.10	0.10	0.20	0.20	0.10	0.30
15th Percentile	0.20	0.30	0.10	0.40	0.20	0.50	0.10	0.30	0.30	0.10	0.30
25th Percentile	0.30	0.40	0.20	0.50	0.30	0.60	0.10	0.40	0.30	0.10	0.30
35th Percentile	0.40	0.40	0.40	0.60	0.30	0.70	0.10	0.40	0.40	0.10	0.30
50th Percentile	0.50	0.50	0.50	0.70	0.40	0.80	0.30	0.50	0.70	0.10	0.40
65th Percentile	0.70	0.70	0.80	0.80	0.40	0.90	0.60	0.60	0.80	0.10	0.40
70th Percentile	0.70	0.70	0.80	0.90	0.40	0.90	0.70	0.60	0.80	0.20	0.40
75th Percentile	0.80	0.80	0.90	1.00	0.40	1.00	0.80	0.60	0.80	0.40	0.40
80th Percentile	0.80	0.80	0.90	1.20	0.50	1.00	0.80	0.80	0.80	0.40	0.40
90th Percentile	1.00	0.90	1.00	1.30	0.50	1.00	1.00	1.10	0.90	0.40	0.50
95th Percentile	1.20	1.10	1.40	1.30	0.70	1.20	1.10	1.20	1.10	0.60	1.00
98th Percentile	1.40	1.20	1.40	1.40	0.70	1.20	1.10	1.20	1.10	0.80	1.00
99th Percentile	1.70	1.40	1.80	1.70	1.00	1.70	3.10	1.20	1.10	0.80	1.00
Maximum Value	3.10	1.70	2.50	1.70	1.00	1.70	3.10	1.20	1.10	0.80	1.00

Variable: Manganese (Mn)

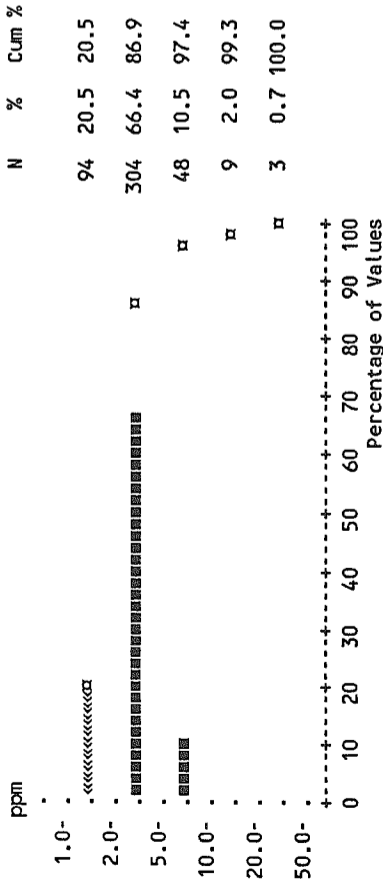
Units: ppm
Detection Limit: 5
Analytical Method: AAS
Number of Values: 458



	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	1455	1102	1459	1797	1777	905	1969	1935	1268	1766	1121
Standard Deviation	2273	2302	1915	1873	3331	1250	2484	2006	1776	1627	648
Skewness	4.598	6.601	2.971	1.984	3.482	2.184	2.452	1.201	2.587	1.655	0.618
Excess Kurtosis	29.199	54.495	9.509	4.115	11.836	3.975	6.850	0.070	6.636	2.957	-1.290
Coef of Var (%)	156	209	131	104	187	138	126	104	140	92	58
Std Error of the Mean	106	188	218	289	548	232	470	409	419	407	205
Lower 95% Limit on Mean	1247	731	1024	1213	666	429	1006	1088	385	899	658
Upper 95% Limit on Mean	1664	1473	1894	2381	2888	1380	2932	2782	2152	2633	1585
Geometric Statistics											
Log10 Mean	2.877	2.719	2.933	3.056	2.901	2.675	3.029	3.052	2.813	3.048	2.984
Geometric Mean	753	524	857	1137	796	473	1068	1128	650	1118	963
Log10 Standard Deviation	0.492	0.493	0.443	0.436	0.519	0.487	0.497	0.488	0.530	0.487	0.256
Log10 Std Error of Mean	0.023	0.040	0.051	0.067	0.085	0.090	0.094	0.100	0.125	0.122	0.081
Lower 95% Limit on Mean	679	436	680	832	535	309	685	702	354	615	632
Upper 95% Limit on Mean	836	629	1080	1554	1186	725	1666	1812	1193	2032	1469
Percentiles											
Minimum Value	51	51	86	92	90	53	149	102	74	121	338
5th Percentile	115	78	139	190	176	53	149	102	74	121	338
10th Percentile	176	128	230	247	184	112	232	226	96	166	338
15th Percentile	224	160	322	375	201	157	245	357	136	166	552
25th Percentile	337	233	431	650	238	201	414	503	329	322	761
35th Percentile	473	319	567	745	364	309	473	570	343	1040	800
50th Percentile	761	531	860	1070	980	387	1180	1010	585	1600	840
65th Percentile	1180	791	1290	1610	1080	546	1790	1850	1430	1770	1000
70th Percentile	1360	870	1440	1650	1310	622	1990	1850	1450	2020	1000
75th Percentile	1640	1020	1610	2670	1440	990	2470	2270	1470	2380	1650
80th Percentile	1850	1200	1740	2840	2020	1070	3130	3020	1470	2620	1650
90th Percentile	3100	2250	2780	3610	2270	2400	3960	6070	1880	2710	2160
95th Percentile	5280	3700	5010	5770	4480	4710	5510	6200	2860	2760	2180
98th Percentile	8200	6860	7700	6810	12600	4710	5590	7700	6800	2180	2180
99th Percentile	11000	10000	8200	9000	17000	4960	12000	6590	7700	6800	2180
Maximum Value	23000	23000	11000	9000	17000	4960	12000	6590	7700	6800	2180

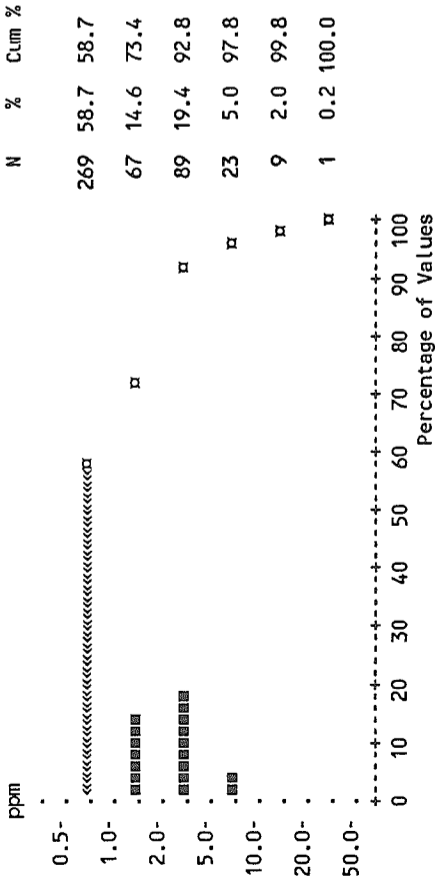
Variable: Molybdenum (Mo)
Units: ppm
Detection Limit: 2
Analytical Method: AAS
Number of Values: 458

	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	364	116	73	32	20	24	24	19	12	14	6
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	2.99	2.27	4.13	2.10	1.59	2.97	5.50	3.25	2.28	3.94	1.60
Standard Deviation	3.05	1.39	3.37	0.91	0.60	2.13	7.14	3.87	1.67	2.17	0.52
Skewness	5.586	2.776	2.540	0.973	0.399	2.615	3.685	3.368	2.145	0.695	-0.349
Excess Kurtosis	48.699	9.680	7.513	1.129	-0.814	8.490	14.425	11.688	4.776	-0.345	-2.055
Coef of Var (%)	101.86	61.26	81.58	43.22	37.57	71.81	129.75	119.08	73.47	55.23	32.27
Std Error of the Mean	0.14	0.11	0.38	0.14	0.10	0.40	1.35	0.79	0.39	0.54	0.16
Lower 95% Limit on Mean	2.71	2.04	3.37	1.81	1.39	2.16	2.73	1.62	1.45	2.78	1.23
Upper 95% Limit on Mean	3.27	2.49	4.89	2.38	1.79	3.78	8.27	4.88	3.11	5.10	1.97
Geometric Statistics											
Log10 Mean	0.371	0.300	0.521	0.283	0.172	0.396	0.571	0.376	0.280	0.526	0.181
Geometric Mean	2.35	1.99	3.32	1.92	1.49	2.49	3.73	2.37	1.91	3.36	1.52
Log10 Standard Deviation	0.274	0.210	0.272	0.188	0.166	0.253	0.361	0.308	0.252	0.267	0.155
Log10 Std Error of Mean	0.013	0.017	0.031	0.029	0.027	0.047	0.068	0.063	0.059	0.067	0.049
Lower 95% Limit on Mean	2.22	1.84	2.88	1.67	1.31	2.00	2.70	1.76	1.43	2.42	1.17
Upper 95% Limit on Mean	2.49	2.16	3.83	2.19	1.69	3.11	5.15	3.20	2.54	4.66	1.96
Percentiles											
Minimum Value	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5th Percentile	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
10th Percentile	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
15th Percentile	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
25th Percentile	2.00	2.00	2.00	2.00	1.00	2.00	2.00	2.00	1.00	3.00	1.00
35th Percentile	2.00	2.00	2.00	2.00	1.00	2.00	3.00	2.00	1.00	3.00	1.00
50th Percentile	2.00	2.00	3.00	2.00	2.00	3.00	4.00	2.00	2.00	3.00	2.00
65th Percentile	3.00	2.00	4.00	2.00	2.00	3.00	5.00	2.00	2.00	4.00	2.00
70th Percentile	3.00	2.00	4.00	2.00	2.00	3.00	5.00	3.00	2.00	4.00	2.00
75th Percentile	3.00	3.00	5.00	2.00	2.00	3.00	5.00	3.00	3.00	5.00	2.00
80th Percentile	4.00	3.00	5.00	3.00	2.00	4.00	6.00	4.00	3.00	6.00	2.00
90th Percentile	5.00	3.00	7.00	3.00	2.00	4.00	9.00	5.00	3.00	6.00	2.00
95th Percentile	7.00	5.00	10.00	4.00	2.00	6.00	13.00	7.00	4.00	7.00	2.00
98th Percentile	12.00	8.00	13.00	4.00	3.00	6.00	13.00	20.00	8.00	9.00	2.00
99th Percentile	17.00	9.00	17.00	5.00	3.00	12.00	39.00	20.00	8.00	9.00	2.00
Maximum Value	39.00	9.00	20.00	5.00	3.00	12.00	39.00	20.00	8.00	9.00	2.00

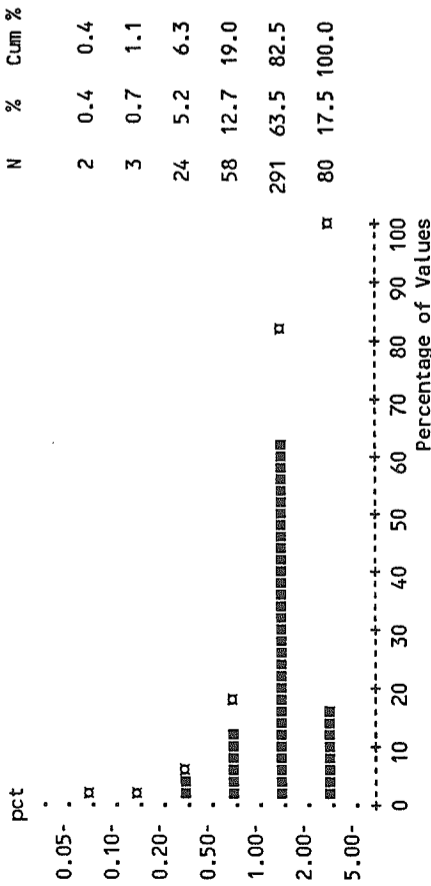


Variable: Molybdenum (Mo)
Units: ppm
Detection Limit: 1
Analytical Method: INAA
Number of Values: 458

	Total	COS	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	189	52	45	11	5	12	17	10	7	15	2
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	1.59	1.05	2.43	0.87	0.57	1.47	3.59	1.79	1.42	2.91	0.70
Standard Deviation	2.69	1.29	3.38	0.68	0.17	2.00	6.38	3.12	1.89	2.05	0.48
Skewness	5.628	3.861	2.645	1.483	2.049	2.892	3.537	3.224	2.430	1.413	1.916
Excess Kurtosis	47.326	17.173	7.157	0.789	2.260	8.911	13.267	10.482	5.436	2.162	2.284
Coef of Var (%)	168.48	123.30	139.06	78.39	30.53	136.45	177.75	174.36	133.30	70.58	69.01
Std Error of the Mean	0.13	0.11	0.38	0.11	0.03	0.37	1.21	0.64	0.45	0.51	0.15
Lower 95% Limit on Mean	1.35	0.84	1.66	0.66	0.51	0.71	1.12	0.47	0.48	1.81	0.35
Upper 95% Limit on Mean	1.84	1.25	3.20	1.08	0.63	2.23	6.06	3.11	2.36	4.00	1.05
Geometric Statistics											
Log10 Mean	-0.034	-0.121	0.120	-0.153	-0.260	-0.039	0.207	-0.024	-0.050	0.364	-0.211
Geometric Mean	0.92	0.76	1.32	0.70	0.55	0.91	1.61	0.95	0.89	2.31	0.62
Log10 Standard Deviation	0.384	0.294	0.450	0.260	0.104	0.375	0.524	0.418	0.376	0.318	0.203
Log10 Std Error of Mean	0.018	0.024	0.051	0.040	0.017	0.070	0.099	0.085	0.089	0.079	0.064
Lower 95% Limit on Mean	0.85	0.68	1.04	0.58	0.51	0.66	1.01	0.63	0.58	1.57	0.44
Upper 95% Limit on Mean	1.00	0.84	1.67	0.85	0.59	1.27	2.57	1.42	1.37	3.41	0.86
Percentiles											
Minimum Value	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
5th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
10th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.50
15th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.50
25th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.50
35th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	2.00	0.50
50th Percentile	0.50	0.50	1.00	0.50	0.50	0.50	1.00	0.50	0.50	2.00	0.50
65th Percentile	1.00	0.50	2.00	0.50	0.50	1.00	3.00	1.00	1.00	3.00	0.50
70th Percentile	1.00	1.00	2.00	0.50	0.50	1.00	3.00	1.00	1.00	4.00	0.50
75th Percentile	2.00	1.00	3.00	1.00	0.50	2.00	4.00	1.00	2.00	4.00	0.50
80th Percentile	2.00	1.00	3.00	2.00	0.50	2.00	4.00	2.00	2.00	4.00	0.50
90th Percentile	4.00	2.00	5.00	2.00	1.00	3.00	7.00	4.00	2.00	4.00	1.00
95th Percentile	5.00	3.00	10.00	2.00	1.00	5.00	12.00	6.00	4.00	9.00	2.00
98th Percentile	10.00	6.00	13.00	2.00	1.00	5.00	12.00	15.00	8.00	9.00	2.00
99th Percentile	13.00	8.00	16.00	3.00	1.00	10.00	33.00	15.00	8.00	9.00	2.00
Maximum Value	33.00	9.00	17.00	3.00	1.00	10.00	33.00	15.00	8.00	9.00	2.00



Variable: Sodium (Na)
Units: pct
Detection Limit: .02
Analytical Method: INAA
Number of Values: 458



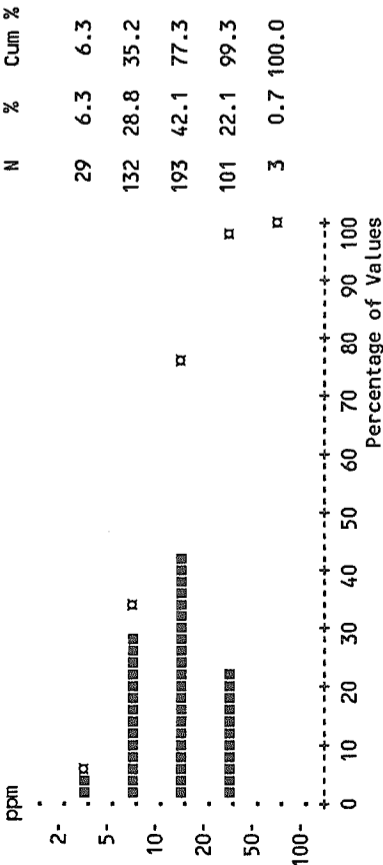
Total	COs	Of	SS2	PS5	Df3	COP	OMV	OFV	Df2	PS2
Number of Sites										
458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.										
458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values										
0	0	0	0	0	0	0	0	0	0	0
Mean										
1.43	1.42	1.25	1.55	1.29	1.97	1.37	1.49	1.70	1.16	1.45
Standard Deviation										
0.55	0.54	0.55	0.46	0.35	0.52	0.78	0.41	0.44	0.41	0.21
Skewness										
-0.107	-0.269	0.213	-0.921	-0.686	-0.601	0.145	-0.135	-0.197	-0.046	-0.471
Excess Kurtosis										
-0.423	-0.635	-0.751	1.127	2.468	0.179	-1.158	-1.254	-1.083	-1.465	-0.157
Coef of Var (%)										
38.74	37.98	43.63	29.87	27.00	26.21	56.97	27.22	26.20	35.11	14.63
Std Error of the Mean										
0.03	0.04	0.06	0.07	0.06	0.10	0.15	0.08	0.10	0.10	0.07
Lower 95% Limit on Mean										
1.38	1.34	1.13	1.40	1.17	1.78	1.07	1.32	1.47	0.94	1.30
Upper 95% Limit on Mean										
1.48	1.51	1.38	1.69	1.41	2.17	1.67	1.67	1.92	1.37	1.60
Geometric Statistics										
Log10 Mean										
0.109	0.109	0.047	0.152	0.081	0.276	0.037	0.157	0.213	0.034	0.157
Geometric Mean										
1.29	1.29	1.11	1.42	1.20	1.89	1.09	1.44	1.63	1.08	1.43
Log10 Standard Deviation										
0.228	0.222	0.229	0.231	0.213	0.148	0.337	0.128	0.125	0.168	0.068
Log10 Std Error of Mean										
0.011	0.018	0.026	0.036	0.035	0.028	0.064	0.026	0.029	0.042	0.022
Lower 95% Limit on Mean										
1.23	1.18	0.99	1.20	1.02	1.66	0.81	1.27	1.42	0.88	1.28
Upper 95% Limit on Mean										
1.35	1.40	1.26	1.68	1.42	2.15	1.47	1.63	1.89	1.33	1.61
Percentiles										
Minimum Value										
0.09	0.12	0.15	0.09	0.09	0.48	0.20	0.80	0.82	0.52	1.00
5th Percentile										
0.46	0.47	0.43	0.52	0.71	0.48	0.20	0.80	0.82	0.52	1.00
10th Percentile										
0.62	0.60	0.49	0.89	0.83	1.40	0.25	0.85	1.10	0.58	1.00
15th Percentile										
0.84	0.77	0.57	1.10	1.10	1.40	0.32	1.00	1.20	0.58	1.30
25th Percentile										
1.10	1.10	0.88	1.40	1.20	1.60	0.75	1.00	1.30	0.78	1.40
35th Percentile										
1.20	1.20	1.00	1.40	1.20	1.70	1.00	1.30	1.40	0.84	1.40
50th Percentile										
1.40	1.50	1.20	1.60	1.30	2.09	1.40	1.50	1.80	1.20	1.40
65th Percentile										
1.70	1.70	1.40	1.70	1.30	2.20	1.50	1.70	1.90	1.30	1.50
70th Percentile										
1.70	1.80	1.50	1.80	1.30	2.35	1.70	1.70	1.90	1.40	1.50
75th Percentile										
1.80	1.80	1.60	1.90	1.40	2.43	2.07	1.80	2.00	1.40	1.60
80th Percentile										
1.90	1.90	1.70	1.90	1.50	2.44	2.13	1.80	2.00	1.50	1.60
90th Percentile										
2.15	2.04	2.08	2.00	1.70	2.59	2.35	2.08	2.23	1.60	1.60
95th Percentile										
2.35	2.22	2.19	2.06	1.90	2.65	2.65	2.09	2.35	1.70	1.80
98th Percentile										
2.49	2.37	2.25	2.11	1.90	2.65	2.65	2.14	2.38	1.80	1.80
99th Percentile										
2.62	2.49	2.30	2.51	2.03	2.75	2.74	2.14	2.38	1.80	1.80
Maximum Value										
2.75	2.57	2.44	2.51	2.03	2.75	2.74	2.14	2.38	1.80	1.80

Variable: Nickel (Ni)

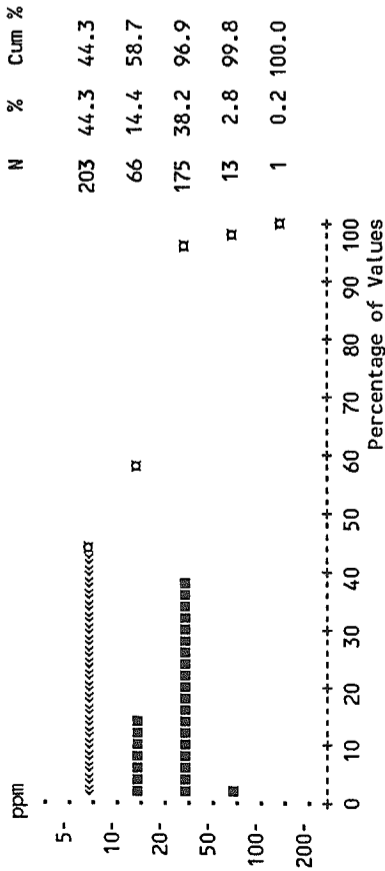
Units: ppm
Detection Limit: 2
Analytical Method: AAS
Number of Values: 458

Statistics per Variable

	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	14.48	13.36	10.29	26.40	16.11	6.59	12.21	22.79	14.72	11.00	24.20
Standard Deviation	9.67	8.34	4.29	10.83	7.07	2.95	5.83	18.34	7.47	3.31	3.22
Skewness	2.499	1.884	0.505	0.483	0.315	0.588	0.144	2.904	0.521	-0.467	0.268
Excess Kurtosis	13.675	5.411	-0.337	-0.219	-0.675	-0.134	-1.116	9.597	-0.249	-0.938	-1.514
Coef of Var (%)	66.77	62.43	41.69	41.03	43.87	44.73	47.71	80.45	50.71	30.06	13.33
Std Error of the Mean	0.45	0.68	0.49	1.67	1.16	0.55	1.10	3.74	1.76	0.83	1.02
Lower 95% Limit on Mean	13.59	12.01	9.31	23.03	13.75	5.47	9.95	15.05	11.01	9.24	21.89
Upper 95% Limit on Mean	15.36	14.71	11.26	29.78	18.47	7.71	14.47	30.54	18.44	12.76	26.51
Geometric Statistics											
Log10 Mean	1.079	1.055	0.971	1.381	1.159	0.773	1.027	1.267	1.101	1.018	1.380
Geometric Mean	11.99	11.35	9.35	24.07	14.40	5.93	10.65	18.48	12.63	10.43	24.01
Log10 Standard Deviation	0.271	0.249	0.201	0.224	0.224	0.212	0.249	0.288	0.274	0.157	0.057
Log10 Std Error of Mean	0.013	0.020	0.023	0.031	0.037	0.039	0.047	0.059	0.065	0.039	0.018
Lower 95% Limit on Mean	11.32	10.35	8.42	20.84	12.13	4.93	8.52	13.96	9.23	8.59	21.85
Upper 95% Limit on Mean	12.70	12.45	10.39	27.80	17.10	7.14	13.30	24.45	17.28	12.65	26.39
Percentiles											
Minimum Value	2.00	2.00	2.00	5.00	3.00	2.00	3.00	3.00	3.00	4.00	20.00
5th Percentile	4.00	4.00	4.00	10.00	5.00	2.00	3.00	3.00	3.00	4.00	20.00
10th Percentile	6.00	6.00	5.00	12.00	7.00	3.00	4.00	8.00	3.00	7.00	20.00
15th Percentile	7.00	7.00	6.00	16.00	9.00	3.00	5.00	9.00	8.00	7.00	21.00
25th Percentile	8.00	8.00	7.00	19.00	10.00	4.00	8.00	15.00	11.00	8.00	21.00
35th Percentile	9.00	9.00	8.00	20.00	13.00	5.00	8.00	15.00	12.00	10.00	23.00
50th Percentile	12.00	11.00	10.00	23.00	16.00	6.00	11.00	22.00	14.00	11.00	23.00
65th Percentile	15.00	13.00	10.00	30.00	17.00	7.00	15.00	23.00	14.00	13.00	26.00
70th Percentile	17.00	14.00	12.00	31.00	18.00	8.00	16.00	23.00	17.00	13.00	26.00
75th Percentile	19.00	16.00	13.00	33.00	20.00	8.00	16.00	23.00	18.00	13.00	26.00
80th Percentile	21.00	19.00	14.00	35.00	24.00	9.00	17.00	24.00	18.00	14.00	26.00
90th Percentile	27.00	25.00	17.00	42.00	25.00	9.00	19.00	36.00	22.00	14.00	29.00
95th Percentile	31.00	29.00	18.00	44.00	29.00	12.00	21.00	40.00	30.00	14.00	29.00
98th Percentile	39.00	33.00	19.00	48.00	30.00	12.00	21.00	99.00	30.00	16.00	29.00
99th Percentile	43.00	38.00	20.00	55.00	31.00	14.00	24.00	99.00	30.00	16.00	29.00
Maximum Value	99.00	59.00	21.00	55.00	31.00	14.00	24.00	99.00	30.00	16.00	29.00



Variable: Nickel (Ni)
Units: ppm
Detection Limit: 10
Analytical Method: INAA
Number of Values: 458



	Total	COs	Of	SS2	PS5	Df3	COP	OmV	Ofv	Df2	PS2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	255	71	34	39	26	12	11	17	10	8	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	18.09	15.63	12.71	35.24	19.46	11.79	13.50	26.67	17.78	14.13	35.00
Standard Deviation	15.06	13.86	9.85	14.97	12.36	9.75	12.11	24.06	13.49	10.13	10.03
Skewness	1.388	1.390	0.873	0.192	0.425	1.387	1.103	1.777	0.373	0.348	-0.043
Excess Kurtosis	3.266	2.147	-0.542	0.089	-0.846	1.482	0.085	3.606	-1.590	-1.639	-1.900
Coef of Var (%)	83.25	88.67	77.50	42.49	63.51	82.69	89.70	90.24	75.87	71.73	28.67
Std Error of the Mean	0.70	1.13	1.12	2.31	2.03	1.81	2.29	4.91	3.18	2.53	3.17
Lower 95% Limit on Mean	16.71	13.39	10.48	30.57	15.34	8.08	8.80	16.50	11.07	8.73	27.82
Upper 95% Limit on Mean	19.47	17.86	14.95	39.90	23.58	15.50	18.20	36.83	24.49	19.52	42.18
Geometric Statistics											
Log10 Mean	1.100	1.033	0.978	1.491	1.178	0.950	0.976	1.260	1.102	1.027	1.527
Geometric Mean	12.60	10.79	9.52	30.94	15.08	8.92	9.47	18.18	12.66	10.65	33.65
Log10 Standard Deviation	0.380	0.372	0.328	0.262	0.341	0.318	0.361	0.411	0.387	0.347	0.130
Log10 Std Error of Mean	0.018	0.030	0.037	0.040	0.056	0.059	0.068	0.084	0.091	0.087	0.041
Lower 95% Limit on Mean	11.63	9.40	8.02	25.64	11.61	6.76	6.86	12.18	8.13	6.96	27.14
Upper 95% Limit on Mean	13.65	12.39	11.30	37.33	19.60	11.78	13.07	27.12	19.71	16.29	41.72
Percentiles											
Minimum Value	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	22.00
5th Percentile	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	22.00
10th Percentile	5.00	5.00	5.00	19.00	5.00	5.00	5.00	5.00	5.00	5.00	22.00
15th Percentile	5.00	5.00	5.00	22.00	5.00	5.00	5.00	5.00	5.00	5.00	23.00
25th Percentile	5.00	5.00	5.00	26.00	5.00	5.00	5.00	5.00	5.00	5.00	25.00
35th Percentile	5.00	5.00	5.00	31.00	15.00	5.00	5.00	13.00	5.00	5.00	29.00
50th Percentile	17.00	5.00	5.00	34.00	19.00	5.00	5.00	24.00	18.00	5.00	32.00
65th Percentile	22.00	19.00	16.00	38.00	22.00	15.00	16.00	28.00	19.00	17.00	45.00
70th Percentile	25.00	22.00	18.00	39.00	25.00	15.00	22.00	29.00	24.00	20.00	45.00
75th Percentile	27.00	24.00	20.00	42.00	25.00	17.00	22.00	32.00	35.00	23.00	45.00
80th Percentile	30.00	27.00	21.00	46.00	27.00	18.00	23.00	33.00	35.00	24.00	45.00
90th Percentile	37.00	35.00	27.00	59.00	39.00	24.00	25.00	51.00	36.00	27.00	45.00
95th Percentile	44.00	41.00	32.00	60.00	42.00	31.00	43.00	68.00	37.00	27.00	47.00
98th Percentile	57.00	52.00	33.00	61.00	44.00	31.00	43.00	110.00	39.00	32.00	47.00
99th Percentile	61.00	57.00	35.00	73.00	44.00	43.00	44.00	110.00	39.00	32.00	47.00
Maximum Value	110.00	78.00	39.00	73.00	44.00	43.00	44.00	110.00	39.00	32.00	47.00

Variable: Lead (Pb)

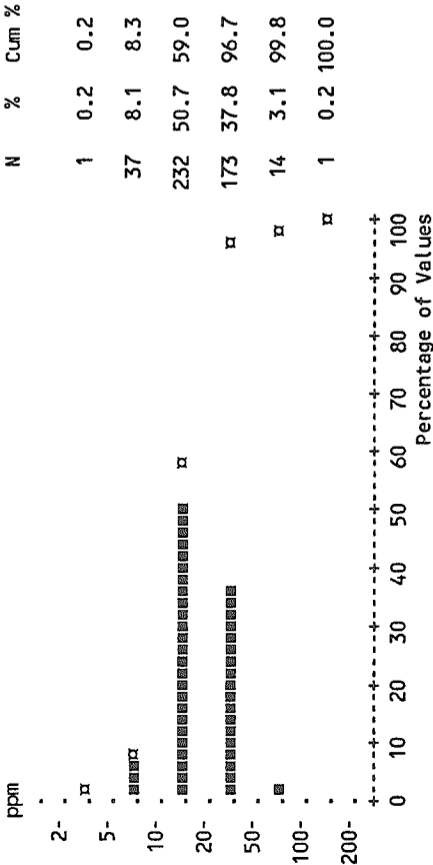
Units: ppm

Detection Limit: 2

Analytical Method: AAS

Number of Values: 458

	Total	COS	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	20.82	21.99	22.88	16.40	15.54	18.31	21.71	19.25	24.56	25.81	12.40
Standard Deviation	12.73	12.50	12.63	7.44	7.46	7.76	14.36	9.30	11.63	28.13	1.78
Skewness	2.563	1.830	1.018	1.073	0.988	0.506	1.524	0.847	0.189	2.663	0.308
Excess Kurtosis	12.416	4.558	0.446	0.538	0.041	-0.727	1.992	-0.455	-1.167	6.712	-1.566
Coef of Var (%)	61.13	56.82	55.20	45.36	47.98	42.41	66.13	48.30	47.35	108.98	14.33
Std Error of the Mean	0.59	1.02	1.44	1.15	1.23	1.44	2.71	1.90	2.74	7.03	0.56
Lower 95% Limit on Mean	19.65	19.98	20.02	14.09	13.05	15.36	16.15	15.32	18.77	10.83	11.13
Upper 95% Limit on Mean	21.99	24.01	25.75	18.72	18.03	21.26	27.28	23.18	30.34	40.80	13.67
Geometric Statistics											
Log10 Mean	1.256	1.284	1.298	1.175	1.147	1.223	1.259	1.239	1.336	1.274	1.089
Geometric Mean	18.02	19.22	19.84	14.97	14.01	16.72	18.17	17.34	21.67	18.79	12.29
Log10 Standard Deviation	0.229	0.225	0.234	0.187	0.199	0.192	0.262	0.202	0.235	0.333	0.061
Log10 Std Error of Mean	0.011	0.018	0.027	0.029	0.033	0.036	0.050	0.041	0.055	0.083	0.019
Lower 95% Limit on Mean	17.17	17.68	17.56	13.09	12.02	14.13	14.38	14.25	16.56	12.48	11.11
Upper 95% Limit on Mean	18.91	20.89	22.42	17.11	16.33	19.79	22.96	21.09	28.36	28.29	13.60
Percentiles											
Minimum Value	4.00	5.00	5.00	6.00	5.00	7.00	4.00	8.00	8.00	5.00	10.00
5th Percentile	8.00	8.00	10.00	7.00	6.00	7.00	4.00	8.00	8.00	5.00	10.00
10th Percentile	10.00	10.00	10.00	9.00	8.00	8.00	10.00	8.00	9.00	6.00	10.00
15th Percentile	11.00	12.00	11.00	10.00	9.00	9.00	11.00	11.00	11.00	6.00	11.00
25th Percentile	12.00	14.00	12.00	11.00	10.00	12.00	12.00	13.00	15.00	11.00	11.00
35th Percentile	14.00	16.00	15.00	13.00	12.00	15.00	13.00	14.00	17.00	16.00	11.00
50th Percentile	17.00	18.00	18.00	14.00	13.00	16.00	17.00	16.00	23.00	16.00	12.00
65th Percentile	21.00	24.00	26.00	16.00	16.00	21.00	20.00	19.00	29.00	22.00	13.00
70th Percentile	24.00	25.00	29.00	18.00	19.00	21.00	22.00	20.00	33.00	23.00	13.00
75th Percentile	26.00	26.00	30.00	19.00	19.00	22.00	24.00	24.00	35.00	27.00	14.00
80th Percentile	29.00	28.00	32.00	21.00	20.00	23.00	32.00	27.00	35.00	32.00	14.00
90th Percentile	35.00	36.00	37.00	28.00	26.00	29.00	36.00	34.00	37.00	35.00	15.00
95th Percentile	43.00	48.00	49.00	31.00	32.00	33.00	52.00	37.00	38.00	36.00	15.00
98th Percentile	52.00	57.00	50.00	33.00	33.00	33.00	52.00	41.00	48.00	125.00	15.00
99th Percentile	64.00	73.00	50.00	38.00	33.00	35.00	68.00	41.00	48.00	125.00	15.00
Maximum Value	125.00	81.00	64.00	38.00	33.00	35.00	68.00	41.00	48.00	125.00	15.00



Variable: Rubidium (Rb)

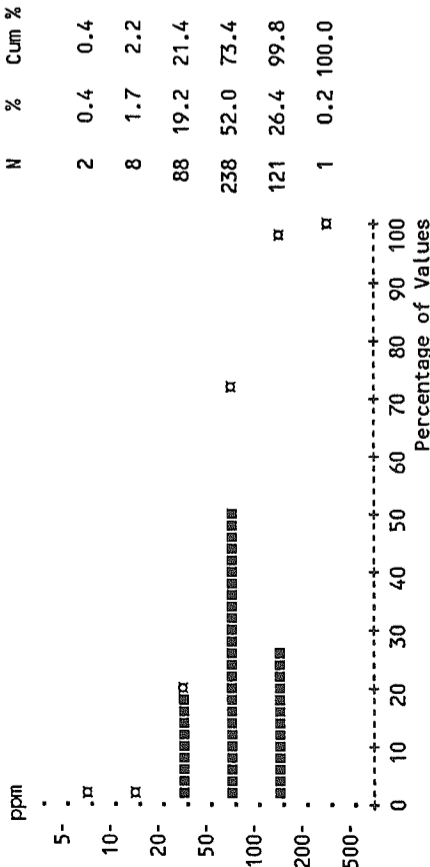
Units: ppm

Detection Limit: 5

Analytical Method: INAA

Number of Values: 458

	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	80.37	85.52	59.48	100.10	83.81	84.83	57.96	98.33	104.89	45.13	102.40
Standard Deviation	35.33	37.86	24.72	29.41	20.90	32.33	34.47	30.87	21.32	18.49	22.14
Skewness	0.379	0.084	0.941	-0.301	-1.015	0.576	1.447	2.576	0.280	-0.382	-0.380
Excess Kurtosis	0.065	-0.830	1.976	0.979	2.029	0.215	3.249	7.285	-1.099	-1.292	-0.952
Coef of Var (%)	43.97	44.27	41.57	29.38	24.93	38.11	59.46	31.39	20.33	40.97	21.62
Std Error of the Mean	1.65	3.09	2.82	4.54	3.44	6.00	6.51	6.30	5.03	4.62	7.00
Lower 95% Limit on Mean	77.12	79.41	53.87	90.93	76.84	72.53	44.60	85.30	94.28	35.28	86.57
Upper 95% Limit on Mean	83.61	91.63	65.09	109.26	90.78	97.12	71.33	111.37	115.49	54.97	118.23
Geometric Statistics											
Log10 Mean	1.853	1.876	1.736	1.975	1.902	1.895	1.685	1.978	2.012	1.607	2.000
Geometric Mean	71.32	75.17	54.47	94.36	79.75	78.56	48.45	95.09	102.86	40.43	99.99
Log10 Standard Deviation	0.233	0.246	0.190	0.170	0.164	0.182	0.288	0.106	0.088	0.231	0.103
Log10 Std Error of Mean	0.011	0.020	0.022	0.026	0.027	0.034	0.054	0.022	0.021	0.058	0.033
Lower 95% Limit on Mean	67.90	68.60	49.32	83.52	70.31	66.98	37.46	85.73	92.96	30.46	84.32
Upper 95% Limit on Mean	74.92	82.38	60.16	106.61	90.46	92.13	62.65	105.46	113.82	53.67	118.57
Percentiles											
Minimum Value	5.00	5.00	13.00	20.00	13.00	25.00	6.00	76.00	73.00	13.00	59.00
5th Percentile	27.00	27.00	28.00	30.00	42.00	25.00	6.00	76.00	73.00	13.00	59.00
10th Percentile	34.00	32.00	33.00	64.00	68.00	48.00	23.00	76.00	77.00	14.00	59.00
15th Percentile	40.00	39.00	36.00	76.00	71.00	54.00	23.00	78.00	80.00	14.00	88.00
25th Percentile	56.00	58.00	40.00	87.00	74.00	64.00	33.00	79.00	92.00	28.00	89.00
35th Percentile	68.00	69.00	46.00	94.00	76.00	71.00	38.00	82.00	94.00	35.00	89.00
50th Percentile	79.00	84.00	58.00	99.00	83.00	84.00	53.00	86.00	100.00	48.00	99.00
65th Percentile	91.00	99.00	68.00	110.00	94.00	90.00	64.00	98.00	110.00	56.00	110.00
70th Percentile	98.00	110.00	73.00	110.00	96.00	95.00	71.00	100.00	110.00	56.00	110.00
75th Percentile	100.00	120.00	76.00	110.00	98.00	100.00	75.00	100.00	120.00	57.00	120.00
80th Percentile	110.00	120.00	79.00	120.00	99.00	100.00	76.00	110.00	120.00	61.00	120.00
90th Percentile	130.00	140.00	89.00	140.00	100.00	120.00	86.00	120.00	140.00	62.00	130.00
95th Percentile	140.00	150.00	97.00	140.00	110.00	160.00	110.00	140.00	140.00	67.00	130.00
98th Percentile	160.00	160.00	110.00	160.00	120.00	160.00	110.00	220.00	140.00	71.00	130.00
99th Percentile	160.00	160.00	110.00	170.00	120.00	160.00	180.00	220.00	140.00	71.00	130.00
Maximum Value	220.00	170.00	160.00	170.00	120.00	160.00	180.00	220.00	140.00	71.00	130.00

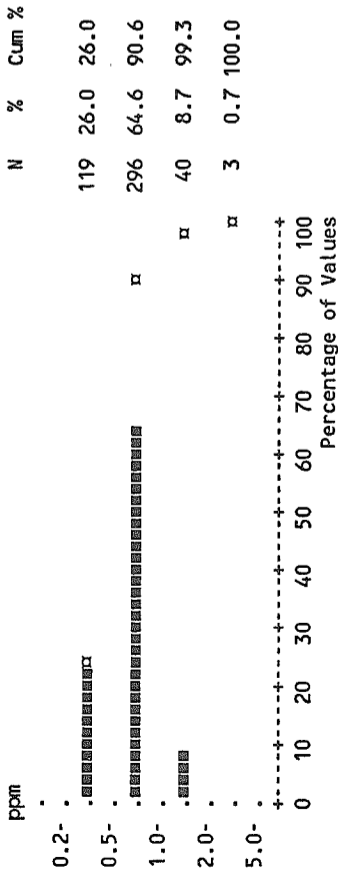


Variable: Antimony (Sb)

Units: ppm
Detection Limit: .1
Analytical Method: INAA
Number of Values: 458

Statistics per Variable

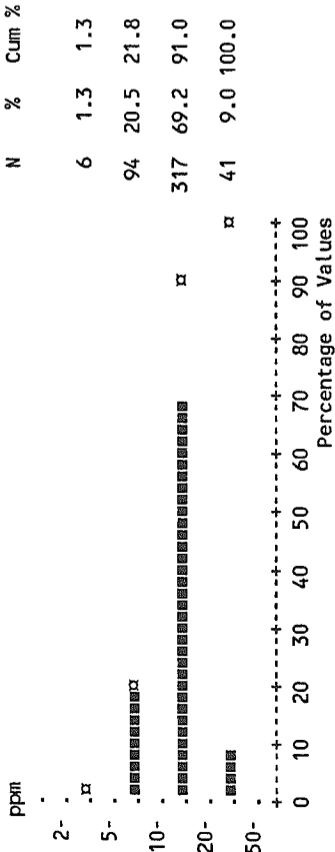
Total	COs	Of	SS2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites										
458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.										
458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values										
0	0	0	0	0	0	0	0	0	0	0
Mean										
0.63	0.64	0.53	0.73	0.61	0.64	0.47	0.82	0.60	0.55	0.65
Standard Deviation										
0.32	0.23	0.24	0.21	0.19	0.36	0.18	0.42	0.19	0.25	0.14
Skewness										
3.592	1.603	1.583	0.662	1.773	1.803	1.259	1.356	0.365	1.231	-0.363
Excess Kurtosis										
24.368	3.894	2.921	1.015	5.686	2.534	2.758	1.356	-1.150	0.721	-1.226
Coef of Var (%)										
49.67	36.67	45.55	28.42	31.06	55.70	38.67	50.89	32.34	45.52	20.83
Std Error of the Mean										
0.01	0.02	0.03	0.03	0.03	0.07	0.03	0.08	0.05	0.06	0.04
Lower 95% Limit on Mean										
0.61	0.60	0.48	0.67	0.55	0.51	0.40	0.64	0.50	0.42	0.55
Upper 95% Limit on Mean										
0.66	0.68	0.59	0.80	0.67	0.78	0.54	0.99	0.70	0.68	0.75
Geometric Statistics										
Log10 Mean										
-0.235	-0.218	-0.310	-0.153	-0.232	-0.238	-0.356	-0.133	-0.244	-0.295	-0.197
Geometric Mean										
0.58	0.61	0.49	0.70	0.59	0.58	0.44	0.74	0.57	0.51	0.64
Log10 Standard Deviation										
0.173	0.144	0.177	0.126	0.123	0.192	0.163	0.197	0.143	0.176	0.098
Log10 Std Error of Mean										
0.008	0.012	0.020	0.019	0.020	0.036	0.031	0.040	0.034	0.044	0.031
Lower 95% Limit on Mean										
0.56	0.57	0.45	0.64	0.53	0.49	0.38	0.61	0.48	0.41	0.54
Upper 95% Limit on Mean										
0.60	0.64	0.54	0.77	0.64	0.68	0.51	0.89	0.67	0.63	0.75
Percentiles										
Minimum Value										
0.20	0.30	0.20	0.30	0.30	0.30	0.20	0.40	0.30	0.30	0.40
5th Percentile										
0.30	0.40	0.30	0.40	0.40	0.30	0.20	0.40	0.30	0.30	0.40
10th Percentile										
0.40	0.40	0.30	0.50	0.40	0.40	0.30	0.40	0.40	0.30	0.40
15th Percentile										
0.40	0.40	0.30	0.50	0.40	0.40	0.30	0.40	0.40	0.30	0.50
25th Percentile										
0.40	0.50	0.40	0.60	0.50	0.40	0.30	0.50	0.40	0.40	0.60
35th Percentile										
0.50	0.50	0.40	0.60	0.50	0.40	0.40	0.60	0.50	0.40	0.60
50th Percentile										
0.60	0.60	0.50	0.70	0.60	0.50	0.50	0.80	0.60	0.50	0.60
65th Percentile										
0.60	0.70	0.60	0.80	0.60	0.60	0.50	0.80	0.60	0.60	0.70
70th Percentile										
0.70	0.70	0.60	0.80	0.70	0.60	0.50	0.90	0.60	0.60	0.70
75th Percentile										
0.70	0.70	0.60	0.90	0.70	0.70	0.50	1.00	0.70	0.60	0.80
80th Percentile										
0.80	0.80	0.70	0.90	0.70	0.70	0.60	1.00	0.70	0.60	0.80
90th Percentile										
0.90	0.90	0.80	0.90	0.80	1.10	0.60	1.30	0.90	0.70	0.80
95th Percentile										
1.10	1.10	1.00	1.10	0.80	1.70	0.70	1.80	0.90	1.00	0.80
98th Percentile										
1.40	1.30	1.20	1.10	0.80	1.70	0.70	2.00	0.90	1.20	0.80
99th Percentile										
1.70	1.60	1.40	1.40	1.40	1.70	1.10	2.00	0.90	1.20	0.80
Maximum Value										
3.70	1.70	1.40	1.40	1.40	1.70	1.10	2.00	0.90	1.20	0.80



National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Statistics per Variable

Variable: Scandium (Sc)

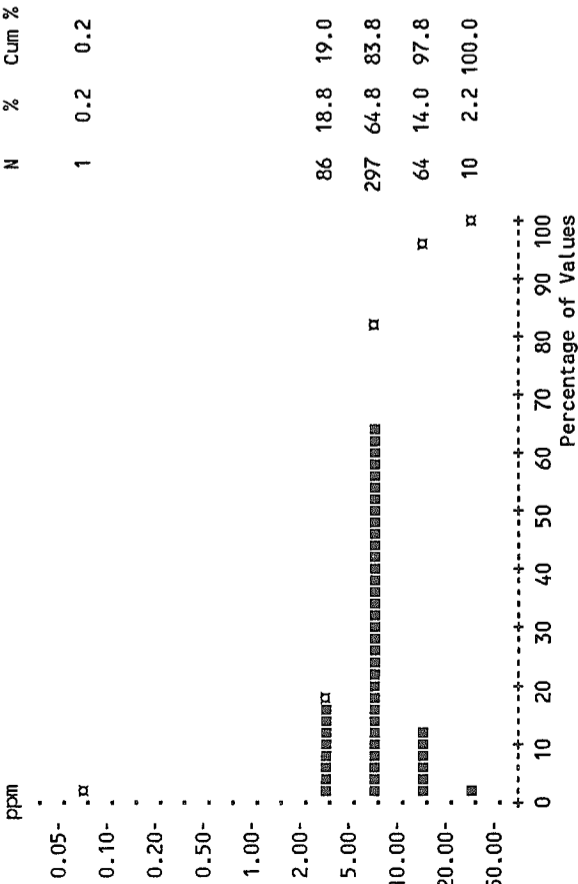
Units: ppm
Detection Limit: .2
Analytical Method: INAA
Number of Values: 458



	Total	C0s	Of	Ss2	Ps5	Df3	C0p	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	13.29	12.03	12.64	18.20	11.88	12.52	15.31	16.18	13.36	11.97	15.70
Standard Deviation	4.76	3.85	5.15	4.21	3.20	3.55	7.57	4.58	2.50	4.12	1.49
Skewness	0.845	0.358	1.156	1.002	0.251	0.098	0.643	0.806	0.041	0.321	0.820
Excess Kurtosis	1.326	0.024	1.035	0.601	-1.011	-0.577	-0.477	1.166	0.065	-0.686	-0.215
Coef of Var (%)	35.84	32.04	40.74	23.15	26.91	28.38	49.45	28.32	18.71	34.42	9.52
Std Error of the Mean	0.22	0.31	0.59	0.65	0.53	0.66	1.43	0.94	0.59	1.03	0.47
Lower 95% Limit on Mean	12.85	11.40	11.47	16.89	10.81	11.17	12.38	14.24	12.11	9.77	14.63
Upper 95% Limit on Mean	13.72	12.65	13.80	19.51	12.94	13.87	18.25	18.11	14.60	14.16	16.77
Geometric Statistics											
Log10 Mean	1.095	1.056	1.070	1.250	1.059	1.079	1.130	1.193	1.118	1.052	1.194
Geometric Mean	12.46	11.38	11.74	17.77	11.45	11.99	13.48	15.58	13.12	11.27	15.64
Log10 Standard Deviation	0.159	0.150	0.164	0.094	0.120	0.133	0.233	0.123	0.085	0.160	0.040
Log10 Std Error of Mean	0.007	0.012	0.019	0.015	0.020	0.025	0.044	0.025	0.020	0.040	0.013
Lower 95% Limit on Mean	12.04	10.76	10.78	16.60	10.44	10.67	10.95	13.83	11.91	9.26	14.64
Upper 95% Limit on Mean	12.88	12.03	12.80	19.02	12.56	13.48	16.61	17.56	14.47	13.72	16.70
Percentiles											
Minimum Value	3.30	3.30	5.60	12.00	6.00	5.90	3.50	7.80	8.20	4.70	14.00
5th Percentile	6.30	6.10	6.60	13.00	7.10	5.90	3.50	7.80	8.20	4.70	14.00
10th Percentile	7.60	6.90	7.70	14.00	7.30	7.30	6.10	10.00	9.20	8.10	14.00
15th Percentile	8.40	7.60	8.20	14.00	9.10	8.30	8.30	11.00	12.00	8.10	14.00
25th Percentile	10.00	10.00	8.50	15.00	9.50	10.00	9.00	14.00	12.00	9.00	15.00
35th Percentile	11.00	11.00	10.00	16.00	10.00	11.00	12.00	14.00	12.00	9.10	15.00
50th Percentile	13.00	12.00	11.00	17.00	11.00	12.00	14.00	16.00	13.00	13.00	15.00
65th Percentile	15.00	13.00	13.00	18.00	12.00	14.00	15.00	16.00	14.00	13.00	16.00
70th Percentile	15.00	14.00	14.00	20.00	13.00	14.00	17.00	17.00	15.00	13.00	16.00
75th Percentile	16.00	14.00	16.00	20.40	14.00	15.00	19.00	18.00	15.00	14.00	16.00
80th Percentile	17.00	15.00	16.00	21.90	15.00	15.00	20.90	19.00	15.00	14.00	16.00
90th Percentile	19.00	17.00	18.00	22.70	17.00	18.00	26.50	21.00	16.00	15.00	17.00
95th Percentile	21.90	18.00	23.10	26.50	17.00	18.00	29.10	23.30	16.00	19.00	19.00
98th Percentile	26.50	20.90	25.90	28.30	17.00	18.00	29.10	29.60	19.00	20.20	19.00
99th Percentile	28.90	22.40	27.20	30.60	17.00	20.00	32.70	29.60	19.00	20.20	19.00
Maximum Value	32.70	23.10	29.40	30.60	17.00	20.00	32.70	29.60	19.00	20.20	19.00

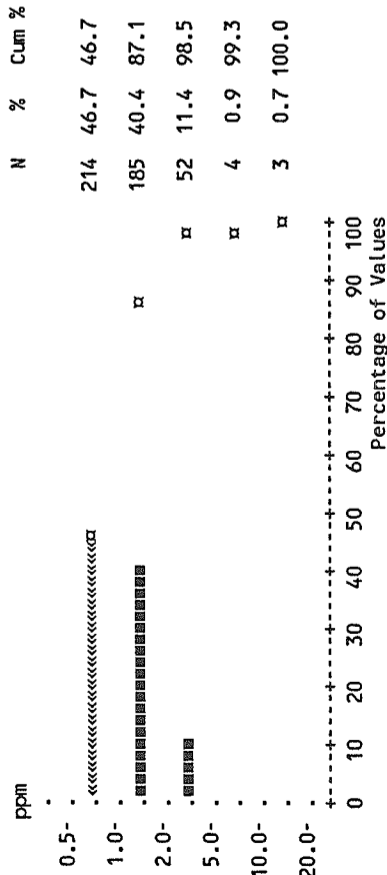
Variable: Samarium (Sm)
Units: ppm
Detection Limit: .1
Analytical Method: INAA
Number of Values: 458

	Total	COs	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	457	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	7.53	6.85	7.92	10.43	7.05	6.76	9.00	7.52	8.10	5.35	7.36
Standard Deviation	3.80	3.49	3.82	5.74	2.27	1.92	4.76	2.11	4.00	1.74	1.72
Skewness	2.653	2.953	2.493	1.762	1.217	1.087	1.873	0.410	1.317	-0.108	0.041
Excess Kurtosis	10.105	13.819	8.235	2.684	1.244	1.401	4.230	-0.671	1.150	-1.674	-0.742
Coef of Var (%)	50.46	50.91	48.21	55.05	32.25	28.38	52.89	28.01	49.40	32.56	23.40
Std Error of the Mean	0.18	0.28	0.44	0.89	0.37	0.36	0.90	0.43	0.94	0.44	0.54
Lower 95% Limit on Mean	7.18	6.29	7.05	8.64	6.29	6.03	7.15	6.63	6.11	4.42	6.13
Upper 95% Limit on Mean	7.88	7.41	8.78	12.22	7.80	7.48	10.85	8.41	10.09	6.28	8.59
Geometric Statistics											
Log10 Mean	0.834	0.795	0.863	0.969	0.829	0.814	0.906	0.860	0.866	0.704	0.856
Geometric Mean	6.82	6.24	7.29	9.31	6.74	6.52	8.05	7.24	7.35	5.06	7.17
Log10 Standard Deviation	0.204	0.180	0.169	0.200	0.129	0.116	0.209	0.123	0.191	0.153	0.107
Log10 Std Error of Mean	0.010	0.015	0.019	0.031	0.021	0.021	0.039	0.025	0.045	0.038	0.034
Lower 95% Limit on Mean	6.53	5.84	6.67	8.06	6.10	5.89	6.68	6.42	5.91	4.19	6.01
Upper 95% Limit on Mean	7.12	6.68	7.96	10.75	7.44	7.22	9.70	8.16	9.15	6.11	8.55
Percentiles											
Minimum Value	0.05	2.10	3.20	3.70	3.60	4.30	2.00	3.90	3.50	2.70	4.80
5th Percentile	3.50	3.10	4.00	4.00	4.10	4.30	2.00	3.90	3.50	2.70	4.80
10th Percentile	4.20	3.80	4.40	5.40	5.10	4.40	5.00	4.60	4.20	3.30	4.80
15th Percentile	4.70	4.20	4.90	6.00	5.20	4.60	5.10	5.50	4.90	3.30	4.80
25th Percentile	5.50	4.90	5.90	7.40	5.40	5.20	6.00	6.00	5.20	3.50	6.60
35th Percentile	6.00	5.50	6.40	7.90	5.70	5.70	6.90	6.40	5.30	4.00	7.00
50th Percentile	6.80	6.00	7.00	8.50	6.80	6.40	8.30	6.70	7.10	5.60	7.50
65th Percentile	7.70	6.80	8.10	10.00	7.10	7.20	9.10	8.20	7.60	6.50	7.80
70th Percentile	8.10	7.30	8.60	10.10	7.40	7.30	9.20	8.30	7.80	6.60	7.80
75th Percentile	8.50	7.70	8.60	10.70	7.70	7.70	9.50	8.50	9.50	6.80	8.30
80th Percentile	9.10	8.10	9.00	12.40	8.40	7.80	10.00	8.70	9.50	6.80	8.30
90th Percentile	10.70	10.40	12.20	18.20	9.40	9.10	13.70	10.00	13.20	7.00	8.40
95th Percentile	13.70	11.80	14.00	23.40	11.50	9.40	18.00	11.20	13.90	7.10	10.60
98th Percentile	22.20	17.80	16.30	25.80	12.80	9.40	18.00	12.20	19.40	8.10	10.60
99th Percentile	23.40	22.30	22.60	29.90	13.90	12.90	26.40	12.20	19.40	8.10	10.60
Maximum Value	29.90	29.70	26.60	29.90	13.90	12.90	26.40	12.20	19.40	8.10	10.60

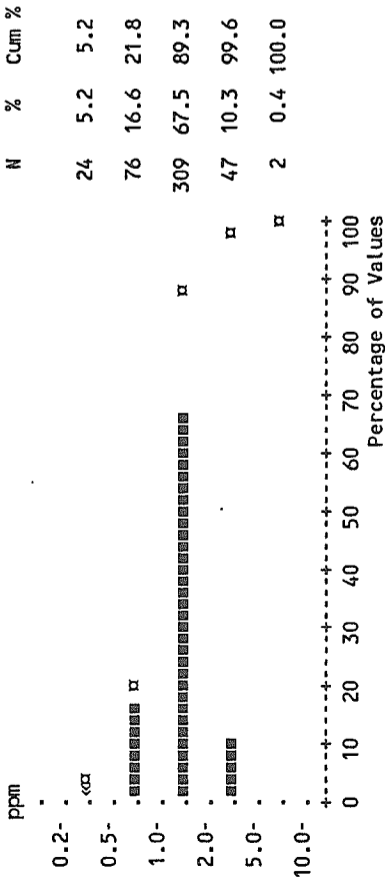


Variable: Tin (Sn)
Units: ppm
Detection Limit: 1.0
Analytical Method: SX-AAS
Number of Values: 458

	Total	COs	Of	SS2	PS5	Df3	COp	OmV	Ofv	Df2	PS2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	244	73	29	24	29	20	10	16	13	9	8
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	1.05	0.86	0.79	1.10	2.11	1.02	0.68	0.83	0.86	0.91	1.80
Standard Deviation	1.22	0.47	0.69	0.84	2.31	0.51	0.24	0.24	0.23	0.49	1.38
Skewness	5.844	1.401	5.639	1.766	1.979	0.918	0.565	-0.663	-0.911	1.140	0.633
Excess Kurtosis	43.998	1.079	38.399	2.458	3.395	-0.263	-1.740	-1.622	-1.230	0.296	-1.441
Coef of Var (%)	115.68	55.08	87.69	76.95	109.43	49.99	35.95	28.89	26.76	54.13	76.58
Std Error of the Mean	0.06	0.04	0.08	0.13	0.38	0.09	0.05	0.05	0.05	0.12	0.44
Lower 95% Limit on Mean	0.94	0.78	0.63	0.83	1.34	0.82	0.58	0.73	0.75	0.64	0.81
Upper 95% Limit on Mean	1.17	0.93	0.95	1.36	2.88	1.21	0.77	0.94	0.98	1.17	2.79
Geometric Statistics											
Log10 Mean	-0.084	-0.120	-0.166	-0.052	0.143	-0.042	-0.194	-0.100	-0.084	-0.094	0.138
Geometric Mean	0.82	0.76	0.68	0.89	1.39	0.91	0.64	0.79	0.82	0.81	1.37
Log10 Standard Deviation	0.258	0.206	0.202	0.267	0.378	0.209	0.147	0.145	0.139	0.212	0.339
Log10 Std Error of Mean	0.012	0.017	0.023	0.041	0.062	0.039	0.028	0.030	0.033	0.053	0.107
Lower 95% Limit on Mean	0.78	0.70	0.61	0.73	1.04	0.76	0.56	0.69	0.70	0.62	0.79
Upper 95% Limit on Mean	0.87	0.82	0.76	1.07	1.86	1.09	0.73	0.91	0.97	1.04	2.40
Percentiles											
Minimum Value	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
5th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
10th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
15th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
25th Percentile	0.50	0.50	0.50	0.50	1.00	0.50	0.50	0.50	0.50	0.50	1.00
35th Percentile	0.50	0.50	0.50	0.50	1.00	1.00	0.50	0.50	1.00	0.50	1.00
50th Percentile	1.00	0.50	0.50	1.00	1.00	1.00	0.50	1.00	1.00	1.00	1.00
65th Percentile	1.00	1.00	1.00	1.00	1.00	1.00	0.50	1.00	1.00	1.00	2.00
70th Percentile	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	2.00
75th Percentile	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	1.00	1.00	3.00
80th Percentile	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	1.00	1.00	3.00
90th Percentile	2.00	2.00	1.00	2.00	4.00	2.00	1.00	1.00	1.00	1.00	4.00
95th Percentile	3.00	2.00	1.00	3.00	6.00	2.00	1.00	1.00	1.00	2.00	4.00
98th Percentile	4.00	2.00	2.00	3.00	9.00	2.00	1.00	1.00	1.00	2.00	4.00
99th Percentile	6.00	2.00	2.00	4.00	10.00	2.00	1.00	1.00	1.00	2.00	4.00
Maximum Value	13.00	2.00	6.00	4.00	10.00	2.00	1.00	1.00	1.00	2.00	4.00



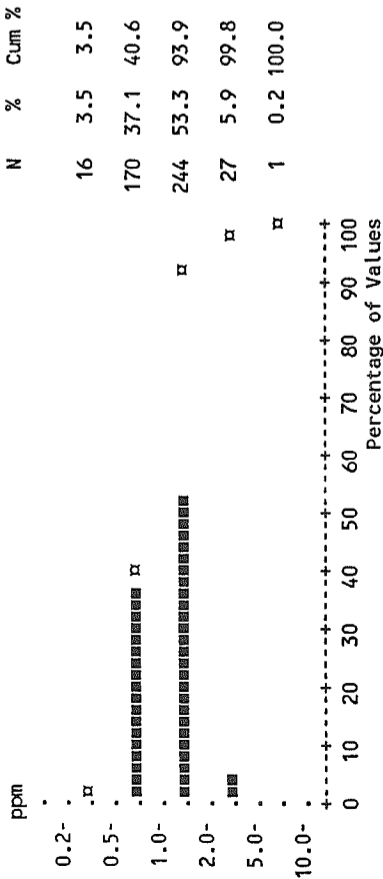
Variable: Tantalum (Ta)
Units: ppm
Detection Limit: .5
Analytical Method: INAA
Number of Values: 458



	Total	Cos	Of	Ss2	Pss	Df3	Cop	Omv	Ofv	Df2	Pss
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	434	136	72	42	36	28	26	24	18	15	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	1.36	1.24	1.21	1.52	1.44	1.56	1.32	1.54	1.52	1.06	1.64
Standard Deviation	0.62	0.50	0.59	0.42	0.39	0.52	0.65	0.40	0.45	0.38	0.43
Skewness	2.242	-0.384	0.724	0.179	-0.435	-0.061	0.342	0.974	1.846	0.107	0.528
Excess Kurtosis	15.567	-0.373	0.527	-0.021	0.933	-0.321	-0.859	0.785	3.805	0.104	-0.717
Coef of Var (%)	45.77	40.29	48.79	27.49	27.37	33.42	48.95	25.87	29.43	36.28	26.06
Std Error of the Mean	0.03	0.04	0.07	0.06	0.06	0.10	0.12	0.08	0.11	0.10	0.14
Lower 95% Limit on Mean	1.30	1.16	1.08	1.39	1.31	1.36	1.07	1.37	1.30	0.85	1.33
Upper 95% Limit on Mean	1.42	1.32	1.35	1.65	1.57	1.75	1.57	1.71	1.75	1.26	1.95
Geometric Statistics											
Log10 Mean	0.085	0.037	0.026	0.165	0.136	0.160	0.058	0.175	0.168	-0.010	0.202
Geometric Mean	1.22	1.09	1.06	1.46	1.37	1.45	1.14	1.50	1.47	0.98	1.59
Log10 Standard Deviation	0.226	0.249	0.244	0.130	0.163	0.191	0.259	0.106	0.109	0.200	0.112
Log10 Std Error of Mean	0.011	0.020	0.028	0.020	0.027	0.036	0.049	0.022	0.026	0.050	0.035
Lower 95% Limit on Mean	1.16	0.99	0.93	1.33	1.21	1.22	0.91	1.35	1.30	0.76	1.32
Upper 95% Limit on Mean	1.28	1.20	1.21	1.60	1.55	1.71	1.44	1.66	1.67	1.25	1.91
Percentiles											
Minimum Value	0.25	0.25	0.25	0.60	0.25	0.25	0.25	1.00	1.00	0.25	1.00
5th Percentile	0.25	0.25	0.25	0.70	0.70	0.25	0.25	1.00	1.00	0.25	1.00
10th Percentile	0.60	0.50	0.60	1.00	1.00	1.00	0.60	1.10	1.20	0.60	1.00
15th Percentile	0.80	0.60	0.60	1.10	1.10	1.10	0.60	1.10	1.20	0.60	1.40
25th Percentile	1.00	0.90	0.80	1.30	1.20	1.20	0.90	1.20	1.20	0.90	1.40
35th Percentile	1.20	1.10	0.90	1.40	1.30	1.30	1.00	1.30	1.20	0.90	1.40
50th Percentile	1.40	1.30	1.10	1.50	1.50	1.40	1.20	1.50	1.40	1.10	1.40
65th Percentile	1.50	1.50	1.40	1.60	1.50	1.70	1.40	1.70	1.60	1.10	1.70
70th Percentile	1.60	1.50	1.40	1.60	1.60	1.80	1.60	1.70	1.70	1.10	1.70
75th Percentile	1.70	1.60	1.50	1.80	1.60	2.00	1.60	1.70	1.70	1.20	2.00
80th Percentile	1.70	1.70	1.70	1.80	1.70	2.00	1.90	1.80	1.70	1.30	2.00
90th Percentile	2.00	1.70	1.90	2.00	1.90	2.20	2.20	2.00	1.80	1.30	2.00
95th Percentile	2.20	1.90	2.30	2.30	2.10	2.30	2.50	2.20	1.90	1.60	2.50
98th Percentile	2.60	2.10	2.70	2.40	2.20	2.30	2.50	2.70	3.00	1.90	2.50
99th Percentile	2.80	2.10	2.80	2.50	2.20	2.60	2.60	2.70	3.00	1.90	2.50
Maximum Value	6.50	2.60	3.00	2.50	2.20	2.60	2.60	2.70	3.00	1.90	2.50

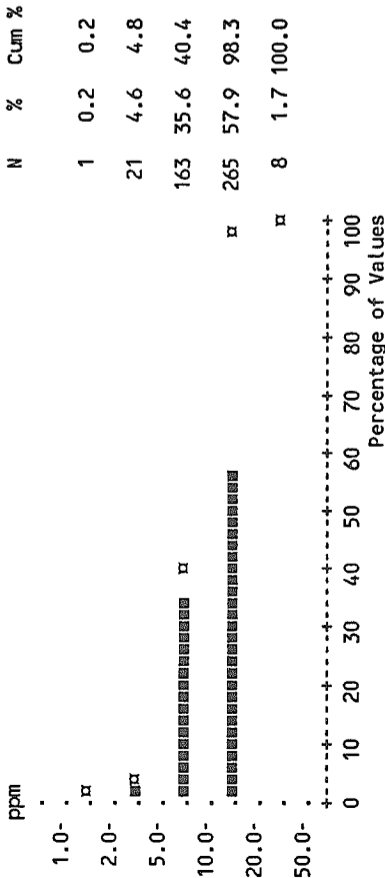
National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, New Brun, 1993. GSC OF 2651. NTS 021J
Statistics per Variable

Variable: Terbium (Tb)
Units: ppm
Detection Limit: .5
Analytical Method: INAA
Number of Values: 458



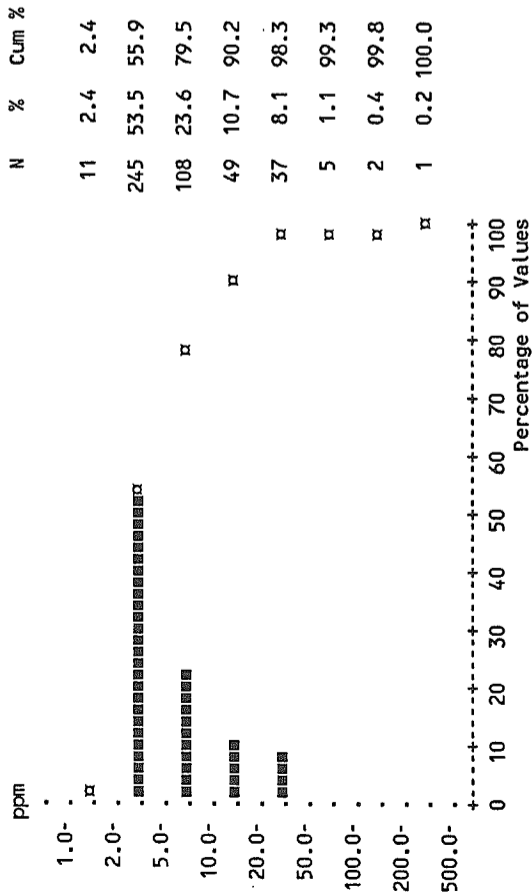
	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	442	139	76	42	36	29	27	24	18	14	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	1.14	0.98	1.30	1.49	0.96	1.14	1.47	1.09	1.15	0.76	1.11
Standard Deviation	0.59	0.49	0.66	0.72	0.32	0.33	1.06	0.31	0.49	0.28	0.23
Skewness	2.837	1.770	2.225	1.750	0.799	1.223	2.878	0.066	0.563	-0.274	0.603
Excess Kurtosis	15.121	5.820	6.787	2.875	0.840	1.413	10.021	-1.385	-0.801	-0.944	-0.549
Coef of Var (%)	51.88	49.56	50.80	48.60	33.36	28.92	72.41	28.19	42.52	37.31	21.00
Std Error of the Mean	0.03	0.04	0.08	0.11	0.05	0.06	0.20	0.06	0.12	0.07	0.07
Lower 95% Limit on Mean	1.08	0.90	1.15	1.26	0.85	1.02	1.06	0.96	0.91	0.61	0.94
Upper 95% Limit on Mean	1.19	1.06	1.45	1.72	1.06	1.27	1.88	1.22	1.39	0.91	1.28
Geometric Statistics											
Log10 Mean	0.009	-0.059	0.070	0.134	-0.043	0.042	0.092	0.021	0.023	-0.159	0.037
Geometric Mean	1.02	0.87	1.17	1.36	0.91	1.10	1.24	1.05	1.06	0.69	1.09
Log10 Standard Deviation	0.203	0.218	0.179	0.193	0.153	0.115	0.256	0.128	0.187	0.204	0.088
Log10 Std Error of Mean	0.010	0.018	0.022	0.028	0.025	0.021	0.048	0.026	0.044	0.051	0.028
Lower 95% Limit on Mean	0.98	0.81	1.06	1.20	0.81	1.00	0.98	0.93	0.85	0.54	0.94
Upper 95% Limit on Mean	1.06	0.95	1.30	1.55	1.02	1.22	1.55	1.19	1.31	0.89	1.26
Percentiles											
Minimum Value	0.25	0.25	0.25	0.60	0.25	0.80	0.25	0.60	0.50	0.25	0.80
5th Percentile	0.50	0.25	0.60	0.70	0.60	0.80	0.25	0.60	0.50	0.25	0.80
10th Percentile	0.60	0.50	0.70	0.80	0.70	0.80	0.60	0.60	0.60	0.25	0.80
15th Percentile	0.70	0.60	0.80	0.90	0.70	0.80	0.70	0.80	0.60	0.25	0.90
25th Percentile	0.80	0.70	0.90	1.10	0.70	0.90	0.90	0.80	0.70	0.60	0.90
35th Percentile	0.90	0.80	1.00	1.20	0.80	0.90	1.10	0.90	0.80	0.60	1.00
50th Percentile	1.00	0.90	1.20	1.30	0.90	1.10	1.30	1.00	1.00	0.80	1.10
65th Percentile	1.20	1.10	1.50	1.40	1.00	1.20	1.50	1.30	1.20	0.80	1.20
70th Percentile	1.30	1.10	1.40	1.40	1.00	1.30	1.60	1.30	1.30	0.90	1.20
75th Percentile	1.30	1.20	1.40	1.50	1.10	1.30	1.60	1.40	1.30	0.90	1.20
80th Percentile	1.40	1.20	1.50	1.90	1.20	1.40	1.70	1.40	1.30	1.00	1.20
90th Percentile	1.70	1.50	1.80	2.20	1.30	1.50	2.00	1.50	1.80	1.10	1.30
95th Percentile	2.10	1.90	2.60	3.00	1.50	1.70	2.70	1.90	2.20	1.10	1.60
98th Percentile	2.90	2.30	2.70	3.50	1.80	1.70	2.70	1.60	2.20	1.20	1.60
99th Percentile	3.50	2.90	3.70	4.00	1.80	2.20	6.10	1.60	2.20	1.20	1.60
Maximum Value	6.10	3.50	4.40	4.00	1.80	2.20	6.10	1.60	2.20	1.20	1.60

Variable: Thorium (Th)
Units: ppm
Detection Limit: .2
Analytical Method: INAA
Number of Values: 458



	Total	COs	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	10.28	9.06	9.12	12.13	10.16	13.09	11.81	11.20	11.64	8.64	11.72
Standard Deviation	4.09	3.14	3.47	3.07	2.39	6.02	5.70	2.53	3.02	2.96	1.92
Skewness	1.809	0.094	0.712	0.119	0.267	2.100	1.430	0.147	0.565	-0.299	0.853
Excess Kurtosis	8.162	0.049	-0.371	-0.220	0.351	5.268	2.427	0.959	-0.113	-1.301	-0.101
Coef of Var (%)	39.81	34.69	38.09	25.29	23.51	46.01	48.29	22.63	25.92	34.25	16.35
Std Error of the Mean	0.19	0.26	0.40	0.47	0.39	1.12	1.08	0.52	0.71	0.74	0.61
Lower 95% Limit on Mean	9.91	8.55	8.33	11.17	9.36	10.80	9.60	10.13	10.14	7.06	10.35
Upper 95% Limit on Mean	10.66	9.57	9.91	13.08	10.96	15.38	14.02	12.27	13.15	10.21	13.09
Geometric Statistics											
Log10 Mean	0.980	0.926	0.930	1.069	0.995	1.083	1.028	1.037	1.053	0.907	1.064
Geometric Mean	9.54	8.42	8.51	11.72	9.88	12.10	10.66	10.90	11.29	8.07	11.59
Log10 Standard Deviation	0.172	0.179	0.163	0.118	0.107	0.170	0.203	0.106	0.112	0.174	0.068
Log10 Std Error of Mean	0.008	0.015	0.019	0.018	0.018	0.032	0.038	0.022	0.026	0.044	0.021
Lower 95% Limit on Mean	9.20	7.88	7.82	10.77	9.10	10.43	8.89	9.83	9.93	6.52	10.37
Upper 95% Limit on Mean	9.90	9.00	9.27	12.76	10.72	14.04	12.78	12.09	12.83	10.00	12.95
Percentiles											
Minimum Value	1.60	1.60	3.60	5.80	5.00	5.30	2.90	5.40	6.60	3.60	9.20
5th Percentile	5.00	3.90	5.00	6.20	6.30	5.30	2.90	5.40	6.60	3.60	9.20
10th Percentile	5.50	4.80	5.30	7.80	6.90	6.40	6.60	6.70	7.70	4.00	9.20
15th Percentile	6.20	5.50	5.70	9.50	7.30	10.00	6.90	8.90	8.80	4.00	10.00
25th Percentile	7.80	6.90	6.00	10.00	8.60	10.00	8.00	10.00	10.00	5.30	11.00
35th Percentile	8.90	8.00	7.20	11.00	9.30	11.00	9.10	10.00	10.00	7.30	11.00
50th Percentile	10.00	9.30	8.70	12.00	10.00	11.00	10.00	11.00	11.00	9.00	11.00
65th Percentile	11.00	10.00	10.00	13.00	11.00	13.00	12.00	12.00	12.00	10.00	12.00
70th Percentile	12.00	11.00	10.00	13.00	11.00	13.00	13.00	12.00	13.00	10.00	12.00
75th Percentile	12.00	11.00	11.00	14.00	12.00	14.00	14.00	12.00	13.00	11.00	13.00
80th Percentile	13.00	11.00	12.00	14.00	12.00	15.00	14.00	13.00	13.00	11.00	13.00
90th Percentile	14.00	13.00	14.00	16.00	13.00	16.00	17.00	14.00	15.00	12.00	13.00
95th Percentile	16.00	14.00	16.00	18.00	13.00	26.60	24.40	14.00	15.00	12.00	16.00
98th Percentile	19.00	16.00	17.00	18.00	14.00	26.60	24.40	18.00	19.00	13.00	16.00
99th Percentile	24.50	17.00	17.00	19.00	17.00	35.90	30.50	18.00	19.00	13.00	16.00
Maximum Value	35.90	19.00	18.00	19.00	17.00	35.90	30.50	18.00	19.00	13.00	16.00

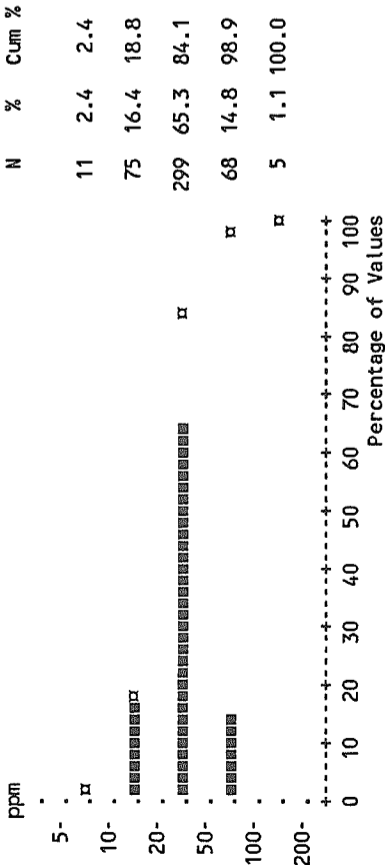
Variable: Uranium (U)
Units: ppm
Detection Limit: .2
Analytical Method: INAA
Number of Values: 458



	Total	C0s	Of	Ss2	Ps5	Df3	C0p	0mv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	9.15	5.09	14.50	5.13	4.02	9.81	20.30	3.75	4.81	10.97	4.40
Standard Deviation	18.15	7.57	15.63	3.17	1.64	6.61	49.93	1.14	2.36	7.55	1.08
Skewness	8.849	8.572	2.581	3.295	1.987	0.905	4.404	0.524	1.156	0.784	0.374
Excess Kurtosis	105.239	86.959	8.591	13.291	6.270	-0.547	19.000	-1.116	-0.049	-0.892	-1.174
Coef of Var (%)	198.41	148.82	107.78	61.76	40.83	67.37	245.89	30.31	49.05	68.82	24.59
Std Error of the Mean	0.85	0.62	1.78	0.49	0.27	1.23	9.43	0.23	0.56	1.89	0.34
Lower 95% Limit on Mean	7.48	3.87	10.95	4.14	3.47	7.30	0.94	3.27	3.64	6.95	3.63
Upper 95% Limit on Mean	10.82	6.31	18.05	6.12	4.57	12.32	39.66	4.23	5.98	14.99	5.17
Geometric Statistics											
Log10 Mean	0.750	0.592	0.987	0.663	0.576	0.902	0.955	0.556	0.642	0.944	0.632
Geometric Mean	5.62	3.91	9.70	4.60	3.76	7.98	9.03	3.59	4.38	8.79	4.28
Log10 Standard Deviation	0.349	0.252	0.378	0.187	0.155	0.282	0.443	0.129	0.185	0.302	0.106
Log10 Std Error of Mean	0.016	0.021	0.043	0.029	0.026	0.052	0.084	0.026	0.044	0.075	0.034
Lower 95% Limit on Mean	5.22	3.56	7.96	4.02	3.34	6.23	6.07	3.17	3.55	6.07	3.60
Upper 95% Limit on Mean	6.05	4.30	11.82	5.26	4.24	10.21	13.41	4.07	5.41	12.73	5.10
Percentiles											
Minimum Value	1.50	1.50	1.70	1.80	1.90	3.30	1.90	2.20	2.50	3.00	2.90
5th Percentile	2.20	2.00	2.70	2.70	2.10	3.30	1.90	2.20	2.50	3.00	2.90
10th Percentile	2.70	2.20	3.20	3.10	2.50	3.50	3.50	2.30	2.80	3.30	2.90
15th Percentile	2.90	2.50	4.10	3.20	2.70	3.50	4.40	2.80	3.00	3.30	3.30
25th Percentile	3.20	2.90	5.40	3.40	2.90	4.60	4.70	2.90	3.30	4.80	3.70
35th Percentile	3.60	3.00	6.60	3.60	3.00	5.00	5.70	3.10	3.40	7.30	3.80
50th Percentile	4.60	3.40	8.20	4.40	3.80	7.60	7.20	3.20	3.70	8.10	4.00
65th Percentile	5.90	3.90	11.00	4.90	4.40	10.00	9.50	3.70	4.60	9.30	4.60
70th Percentile	6.80	4.20	13.00	5.20	4.70	10.00	10.00	4.80	5.10	10.00	4.60
75th Percentile	8.10	4.60	20.00	5.40	5.00	15.00	11.00	4.90	5.80	15.00	5.30
80th Percentile	10.00	5.10	21.80	5.90	5.30	15.00	12.00	4.90	5.80	17.00	5.30
90th Percentile	19.00	8.80	31.80	7.70	5.40	21.40	31.20	5.20	8.00	21.60	5.50
95th Percentile	26.00	12.00	45.60	10.00	5.60	23.60	47.50	5.70	10.00	24.90	6.40
98th Percentile	48.80	19.00	51.40	11.00	6.00	23.60	47.50	6.10	10.00	25.50	6.40
99th Percentile	54.00	23.60	54.00	21.20	11.00	24.00	269.00	6.10	10.00	25.50	6.40
Maximum Value	269.00	86.60	96.30	21.20	11.00	24.00	269.00	6.10	10.00	25.50	6.40

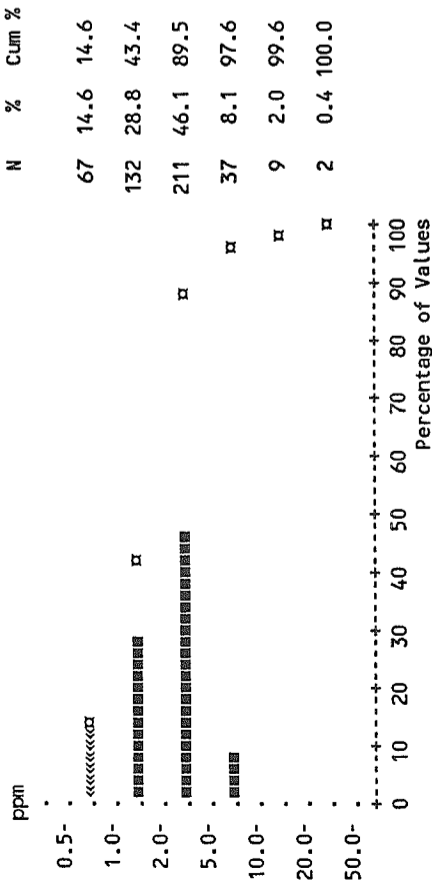
Variable: Vanadium (V)

Units: ppm
Detection Limit: 5
Analytical Method: AAS
Number of Values: 458



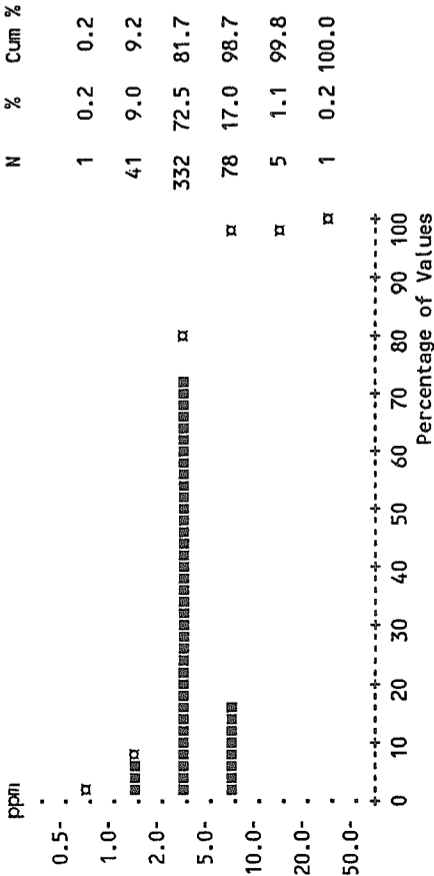
	Total	COs	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	34.34	26.11	37.36	38.24	27.00	31.59	54.93	39.63	24.39	55.38	42.60
Standard Deviation	18.73	13.54	20.78	11.35	11.02	12.18	26.63	16.31	10.67	27.00	6.19
Skewness	1.488	2.114	1.260	0.149	0.543	0.876	0.481	0.255	0.373	0.600	0.566
Excess Kurtosis	2.896	7.659	1.382	-0.200	-0.217	0.775	-0.290	-0.712	-0.334	-1.057	-0.125
Coef of Var (%)	54.55	51.86	55.61	29.69	40.80	38.57	48.48	41.15	43.76	48.76	14.52
Std Error of the Mean	0.88	1.11	2.37	1.75	1.81	2.26	5.03	3.33	2.52	6.75	1.96
Lower 95% Limit on Mean	32.62	23.93	32.65	34.70	23.33	26.95	44.60	32.74	19.08	40.99	38.18
Upper 95% Limit on Mean	36.06	28.30	42.08	41.78	30.68	36.22	65.26	46.51	29.70	69.76	47.02
Geometric Statistics											
Log10 Mean	1.477	1.367	1.513	1.561	1.393	1.468	1.682	1.556	1.340	1.695	1.625
Geometric Mean	29.98	23.29	32.58	36.42	24.74	29.39	48.08	35.99	21.86	49.57	42.21
Log10 Standard Deviation	0.230	0.210	0.227	0.144	0.191	0.172	0.244	0.208	0.226	0.212	0.062
Log10 Std Error of Mean	0.011	0.017	0.026	0.022	0.031	0.032	0.046	0.042	0.053	0.053	0.020
Lower 95% Limit on Mean	28.56	21.54	28.94	32.85	21.36	25.27	38.67	29.40	16.87	38.22	38.13
Upper 95% Limit on Mean	31.47	25.18	36.68	40.38	28.66	34.18	59.78	44.05	28.32	64.30	46.73
Percentiles											
Minimum Value	5.00	5.00	12.00	13.00	8.00	9.00	13.00	11.00	6.00	24.00	33.00
5th Percentile	13.00	10.00	15.00	15.00	10.00	9.00	13.00	11.00	6.00	24.00	33.00
10th Percentile	15.00	13.00	16.00	25.00	12.00	19.00	21.00	13.00	8.00	24.00	33.00
15th Percentile	18.00	15.00	18.00	26.00	17.00	20.00	24.00	26.00	15.00	24.00	37.00
25th Percentile	22.00	18.00	22.00	33.00	20.00	23.00	33.00	29.00	20.00	32.00	39.00
35th Percentile	25.00	20.00	26.00	34.00	22.00	25.00	43.00	33.00	20.00	39.00	40.00
50th Percentile	30.00	24.00	32.00	37.00	25.00	30.00	53.00	38.00	23.00	46.00	42.00
65th Percentile	37.00	28.00	40.00	40.00	30.00	32.00	60.00	42.00	25.00	55.00	44.00
70th Percentile	40.00	29.00	42.00	41.00	31.00	34.00	63.00	43.00	27.00	61.00	44.00
75th Percentile	42.00	30.00	46.00	44.00	32.00	40.00	64.00	44.00	29.00	64.00	45.00
80th Percentile	45.00	32.00	50.00	49.00	36.00	41.00	65.00	51.00	29.00	76.00	45.00
90th Percentile	59.00	42.00	65.00	53.00	40.00	44.00	88.00	66.00	39.00	97.00	46.00
95th Percentile	68.00	48.00	78.00	56.00	47.00	56.00	97.00	66.00	40.00	102.00	56.00
98th Percentile	91.00	60.00	90.00	62.00	50.00	56.00	97.00	70.00	48.00	104.00	56.00
99th Percentile	97.00	88.00	91.00	64.00	54.00	67.00	122.00	70.00	48.00	104.00	56.00
Maximum Value	122.00	100.00	112.00	64.00	54.00	67.00	122.00	70.00	48.00	104.00	56.00

Variable: Tungsten (W)
Units: ppm
Detection Limit: 1
Analytical Method: INAA
Number of Values: 458



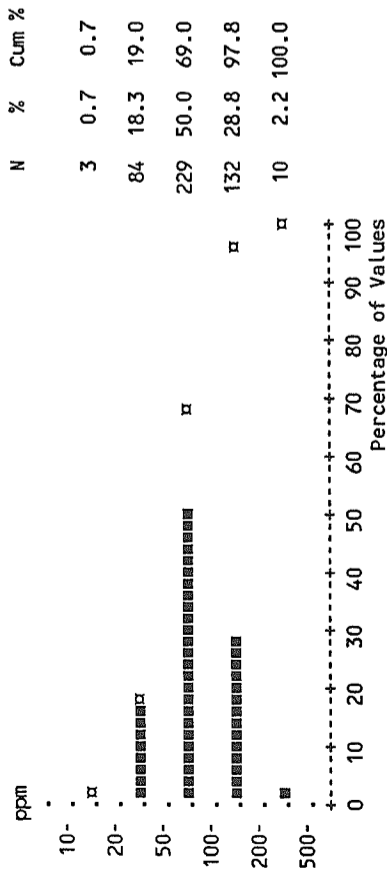
	Total	COs	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	391	118	70	34	33	28	25	22	15	15	9
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	2.38	1.94	3.44	1.60	1.43	3.78	3.84	1.71	1.47	3.03	2.35
Standard Deviation	2.54	1.67	3.54	0.89	0.78	2.93	4.91	0.90	0.93	3.30	1.42
Skewness	3.797	2.174	2.485	0.542	1.230	1.868	2.739	0.695	1.160	1.811	0.433
Excess Kurtosis	21.221	5.837	7.712	-0.425	1.337	3.680	7.858	-0.249	0.678	2.620	-1.118
Coef of Var (%)	106.48	86.18	102.93	55.48	54.67	77.50	128.00	52.44	63.24	108.83	60.22
Std Error of the Mean	0.12	0.14	0.40	0.14	0.13	0.54	0.93	0.18	0.22	0.82	0.45
Lower 95% Limit on Mean	2.15	1.67	2.63	1.32	1.17	2.66	1.93	1.33	1.01	1.27	1.34
Upper 95% Limit on Mean	2.61	2.21	4.24	1.87	1.69	4.89	5.74	2.09	1.94	4.79	3.36
Geometric Statistics											
Log10 Mean	0.227	0.160	0.362	0.128	0.099	0.469	0.370	0.173	0.093	0.299	0.286
Geometric Mean	1.69	1.45	2.30	1.34	1.26	2.94	2.34	1.49	1.24	1.99	1.93
Log10 Standard Deviation	0.347	0.330	0.389	0.270	0.224	0.321	0.422	0.240	0.396	0.396	0.308
Log10 Std Error of Mean	0.016	0.027	0.044	0.042	0.037	0.060	0.080	0.049	0.062	0.099	0.097
Lower 95% Limit on Mean	1.57	1.28	1.88	1.11	1.06	2.22	1.61	1.18	0.92	1.22	1.16
Upper 95% Limit on Mean	1.81	1.64	2.82	1.63	1.49	3.90	3.41	1.88	1.67	3.23	3.21
Percentiles											
Minimum Value	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
5th Percentile	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
10th Percentile	0.50	0.50	1.00	0.50	0.50	1.00	0.50	0.50	0.50	1.00	0.50
15th Percentile	1.00	0.50	1.00	0.50	1.00	1.00	1.00	1.00	0.50	1.00	1.00
25th Percentile	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
35th Percentile	1.00	1.00	2.00	1.00	1.00	3.00	2.00	1.00	1.00	1.00	2.00
50th Percentile	2.00	2.00	2.00	2.00	1.00	3.00	2.00	2.00	1.00	1.00	2.00
65th Percentile	2.00	2.00	3.00	2.00	2.00	4.00	3.00	2.00	2.00	3.00	3.00
70th Percentile	2.00	2.00	4.00	2.00	2.00	4.00	4.00	2.00	2.00	3.00	3.00
75th Percentile	3.00	2.00	4.00	2.00	2.00	4.00	4.00	2.00	2.00	4.00	3.00
80th Percentile	3.00	3.00	5.00	2.00	2.00	5.00	4.00	2.00	2.00	4.00	3.00
90th Percentile	5.00	4.00	7.00	3.00	2.00	6.00	8.00	3.00	2.00	4.00	4.00
95th Percentile	7.00	6.00	10.00	3.00	3.00	11.00	14.00	3.00	3.00	8.00	5.00
98th Percentile	10.00	7.00	10.00	3.00	3.00	11.00	14.00	4.00	4.00	13.00	5.00
99th Percentile	13.00	9.00	18.00	4.00	4.00	14.00	24.00	4.00	4.00	13.00	5.00
Maximum Value	24.00	10.00	20.00	4.00	4.00	14.00	24.00	4.00	4.00	13.00	5.00

Variable: Ytterbium (Yb)
Units: ppm
Detection Limit: 1
Analytical Method: INAA
Number of Values: 458



	Total	COs	Of	Ss2	Ps5	Df3	COp	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	457	149	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	3.41	2.80	4.35	3.86	2.16	3.86	5.64	2.88	3.50	3.00	2.40
Standard Deviation	2.58	1.24	2.36	1.86	1.01	1.25	7.59	1.23	1.50	1.15	0.84
Skewness	7.943	0.778	1.319	1.031	0.928	0.786	3.936	0.497	0.734	-0.244	0.280
Excess Kurtosis	108.577	0.753	2.339	1.305	0.293	0.485	15.901	-0.890	-0.507	-1.031	-0.842
Coef of Var (%)	75.74	44.43	54.13	48.10	46.91	32.25	134.46	42.68	43.00	38.49	35.14
Std Error of the Mean	0.12	0.10	0.27	0.29	0.17	0.23	1.43	0.25	0.35	0.29	0.27
Lower 95% Limit on Mean	3.17	2.60	3.82	3.28	1.82	3.39	2.70	2.36	2.75	2.38	1.80
Upper 95% Limit on Mean	3.64	3.00	4.89	4.44	2.50	4.34	8.59	3.39	4.25	3.62	3.00
Geometric Statistics											
Log10 Mean	0.465	0.401	0.579	0.537	0.290	0.566	0.601	0.419	0.508	0.437	0.354
Geometric Mean	2.92	2.52	3.79	3.44	1.95	3.68	3.99	2.62	3.22	2.74	2.26
Log10 Standard Deviation	0.235	0.208	0.235	0.216	0.201	0.139	0.322	0.196	0.181	0.208	0.165
Log10 Std Error of Mean	0.011	0.017	0.027	0.033	0.033	0.026	0.061	0.040	0.043	0.052	0.052
Lower 95% Limit on Mean	2.78	2.33	3.35	2.95	1.67	3.26	2.99	2.17	2.62	2.12	1.72
Upper 95% Limit on Mean	3.07	2.72	4.29	4.02	2.28	4.15	5.31	3.17	3.96	3.53	2.97
Percentiles											
Minimum Value	0.50	0.50	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00
5th Percentile	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00
10th Percentile	2.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00	2.00	1.00	1.00
15th Percentile	2.00	2.00	2.00	2.00	1.00	3.00	2.00	2.00	2.00	1.00	2.00
25th Percentile	2.00	2.00	3.00	3.00	1.00	3.00	3.00	2.00	2.00	2.00	2.00
35th Percentile	2.00	2.00	3.00	3.00	2.00	3.00	3.00	2.00	2.00	3.00	2.00
50th Percentile	3.00	3.00	4.00	4.00	2.00	4.00	3.00	3.00	3.00	3.00	2.00
65th Percentile	4.00	3.00	4.00	4.00	2.00	4.00	5.00	3.00	4.00	3.00	3.00
70th Percentile	4.00	3.00	5.00	4.00	2.00	4.00	5.00	3.00	4.00	4.00	3.00
75th Percentile	4.00	3.00	6.00	5.00	2.00	4.00	5.00	3.00	4.00	4.00	3.00
80th Percentile	4.00	4.00	6.00	5.00	3.00	5.00	6.00	4.00	4.00	4.00	3.00
90th Percentile	5.00	4.00	8.00	6.00	4.00	5.00	7.00	5.00	5.00	4.00	3.00
95th Percentile	7.00	5.00	8.00	7.00	4.00	7.00	14.00	5.00	6.00	4.00	4.00
98th Percentile	8.00	6.00	9.00	8.00	4.00	7.00	14.00	5.00	7.00	5.00	4.00
99th Percentile	10.00	7.00	10.00	10.00	5.00	7.00	42.00	5.00	7.00	5.00	4.00
Maximum Value	42.00	7.00	14.00	10.00	5.00	7.00	42.00	5.00	7.00	5.00	4.00

Variable: Zinc (Zn)
Units: ppm
Detection Limit: 2
Analytical Method: AAS
Number of Values: 458



	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	87.48	71.68	94.96	98.86	69.95	63.62	127.86	114.50	81.67	101.63	94.80
Standard Deviation	47.52	35.77	49.30	37.75	26.43	33.75	83.88	61.76	44.13	34.80	30.25
Skewness	2.320	1.281	3.482	0.695	0.221	0.559	1.748	1.680	1.206	-0.134	1.020
Excess Kurtosis	10.776	2.000	18.911	0.311	-0.354	-0.944	3.224	2.858	2.213	-1.171	-0.291
Coef of Var (%)	54.32	49.90	51.91	38.19	37.78	53.05	65.61	53.94	54.04	34.24	31.91
Std Error of the Mean	2.22	2.92	5.62	5.83	4.34	6.27	15.85	12.61	10.40	8.70	9.57
Lower 95% Limit on Mean	83.12	65.91	83.77	87.09	61.13	50.78	95.33	88.42	59.72	83.09	73.16
Upper 95% Limit on Mean	91.84	77.45	106.15	110.62	78.76	76.46	160.39	140.58	103.62	120.16	116.44
Geometric Statistics											
Log10 Mean	1.887	1.806	1.938	1.963	1.810	1.740	2.032	2.009	1.848	1.979	1.960
Geometric Mean	77.10	63.93	86.64	91.87	64.53	54.93	107.67	102.18	70.45	95.21	91.12
Log10 Standard Deviation	0.221	0.209	0.180	0.173	0.187	0.249	0.257	0.207	0.260	0.170	0.125
Log10 Std Error of Mean	0.010	0.017	0.021	0.027	0.031	0.046	0.049	0.042	0.061	0.043	0.039
Lower 95% Limit on Mean	73.58	59.15	78.85	81.15	55.90	44.18	85.59	83.55	52.32	77.24	74.22
Upper 95% Limit on Mean	80.78	69.10	95.20	104.01	74.48	68.31	135.45	124.97	94.87	117.34	111.86
Percentiles											
Minimum Value	13.00	21.00	26.00	27.00	19.00	13.00	33.00	42.00	18.00	40.00	64.00
5th Percentile	33.00	29.00	46.00	47.00	27.00	13.00	33.00	42.00	18.00	40.00	64.00
10th Percentile	40.00	34.00	55.00	54.00	36.00	26.00	46.00	53.00	22.00	56.00	64.00
15th Percentile	45.00	38.00	59.00	59.00	43.00	27.00	53.00	55.00	36.00	56.00	72.00
25th Percentile	56.00	47.00	64.00	73.00	43.00	36.00	70.00	67.00	62.00	68.00	75.00
35th Percentile	66.00	54.00	74.00	79.00	58.00	43.00	85.00	83.00	69.00	94.00	80.00
50th Percentile	78.00	64.00	87.00	95.00	74.00	55.00	112.00	109.00	78.00	106.00	83.00
65th Percentile	96.00	77.00	100.00	99.00	78.00	71.00	135.00	124.00	88.00	110.00	87.00
70th Percentile	100.00	79.00	105.00	107.00	81.00	75.00	144.00	126.00	89.00	113.00	87.00
75th Percentile	108.00	89.00	109.00	130.00	84.00	81.00	145.00	127.00	96.00	116.00	119.00
80th Percentile	116.00	96.00	115.00	139.00	89.00	100.00	151.00	128.00	96.00	131.00	119.00
90th Percentile	138.00	120.00	135.00	150.00	97.00	112.00	184.00	148.00	113.00	145.00	122.00
95th Percentile	162.00	131.00	161.00	152.00	112.00	128.00	338.00	264.00	124.00	153.00	162.00
98th Percentile	204.00	183.00	165.00	158.00	123.00	128.00	338.00	310.00	215.00	153.00	162.00
99th Percentile	215.00	192.00	210.00	214.00	135.00	129.00	410.00	310.00	215.00	153.00	162.00
Maximum Value	410.00	210.00	408.00	214.00	135.00	129.00	410.00	310.00	215.00	153.00	162.00

Variable: pH in Water (pH)

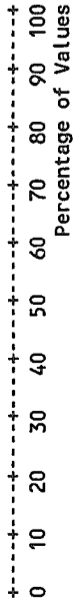
Units:

Detection Limit:

Analytical Method: GCM

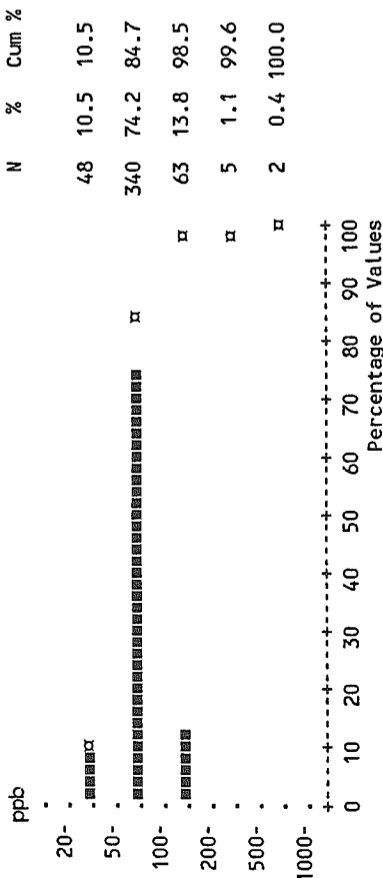
Number of Values: 458

	N	%	Cum %	Total	COs	Of	Ss2	Ps5	Df3	COp	OmV	Ofv	Df2	Ps2
Number of Sites				458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.				458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values				0	0	0	0	0	0	0	0	0	0	0
Mean				6.63	6.39	6.69	7.03	6.89	6.57	6.64	6.93	6.27	6.59	7.12
Standard Deviation				0.46	0.47	0.33	0.28	0.34	0.20	0.22	0.44	0.78	0.20	0.29
Skewness				-1.468	-1.606	-1.632	-1.180	-1.202	-0.421	-0.162	0.356	-1.431	0.113	-0.319
Excess Kurtosis				5.126	4.076	4.410	2.357	2.058	0.211	-0.101	-0.985	0.914	-1.687	-1.381
Coef of Var (%)				6.88	7.37	4.97	4.00	4.97	2.97	3.34	6.41	12.41	2.98	4.12
Std Error of the Mean				0.02	0.04	0.04	0.04	0.06	0.04	0.04	0.09	0.18	0.05	0.09
Lower 95% Limit on Mean				6.59	6.31	6.61	6.94	6.78	6.49	6.55	6.74	5.89	6.48	6.91
Upper 95% Limit on Mean				6.68	6.47	6.76	7.12	7.01	6.64	6.72	7.11	6.66	6.69	7.33
Geometric Statistics														
Log10 Mean				0.821	0.804	0.825	0.847	0.838	0.817	0.822	0.840	0.794	0.819	0.852
Geometric Mean				6.62	6.37	6.68	7.03	6.88	6.56	6.63	6.91	6.22	6.58	7.11
Log10 Standard Deviation				0.032	0.035	0.023	0.018	0.022	0.013	0.015	0.028	0.061	0.013	0.018
Log10 Std Error of Mean				0.001	0.003	0.003	0.003	0.004	0.002	0.003	0.006	0.014	0.003	0.006
Lower 95% Limit on Mean				6.57	6.29	6.60	6.94	6.77	6.49	6.55	6.73	5.80	6.48	6.91
Upper 95% Limit on Mean				6.66	6.45	6.76	7.12	7.00	6.64	6.72	7.10	6.67	6.69	7.33
Percentiles														
Minimum Value				4.20	4.20	5.40	6.00	5.70	6.10	6.10	6.10	4.40	6.30	6.60
5th Percentile				5.80	5.40	6.00	6.50	6.20	6.10	6.10	6.10	4.40	6.30	6.60
10th Percentile				6.20	5.80	6.40	6.70	6.50	6.40	6.30	6.40	4.40	6.40	6.60
15th Percentile				6.30	6.00	6.50	6.70	6.60	6.40	6.40	6.50	5.50	6.40	6.80
25th Percentile				6.50	6.20	6.50	6.90	6.70	6.50	6.50	6.60	6.10	6.40	6.90
35th Percentile				6.50	6.40	6.60	7.00	6.80	6.50	6.60	6.60	6.20	6.40	7.00
50th Percentile				6.70	6.50	6.80	7.10	6.90	6.60	6.60	6.80	6.60	6.50	7.10
65th Percentile				6.80	6.60	6.80	7.10	7.00	6.60	6.70	7.00	6.60	6.70	7.30
70th Percentile				6.80	6.60	6.80	7.20	7.10	6.60	6.70	7.00	6.70	6.70	7.30
75th Percentile				6.90	6.70	6.80	7.20	7.20	6.70	6.70	7.20	6.70	6.80	7.40
80th Percentile				6.90	6.70	6.90	7.30	7.20	6.70	6.80	7.30	6.70	6.80	7.40
90th Percentile				7.10	6.90	7.00	7.40	7.30	6.80	6.90	7.60	6.90	6.80	7.40
95th Percentile				7.30	7.00	7.10	7.40	7.30	6.90	7.00	7.60	7.00	6.80	7.50
98th Percentile				7.40	7.10	7.20	7.40	7.30	6.90	7.00	7.70	7.00	6.90	7.50
99th Percentile				7.50	7.20	7.30	7.50	7.40	6.90	7.10	7.70	7.00	6.90	7.50
Maximum Value				7.70	7.30	7.30	7.50	7.40	6.90	7.10	7.70	7.00	6.90	7.50



Variable: Fluoride (F_W)

Units: ppb
Detection Limit: 20
Analytical Method: ISE
Number of Values: 458



	Total	Cos	Of	Ss2	Ps5	Df3	Cop	Omv	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	458	150	77	42	37	29	28	24	18	16	10
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0
Mean	76.94	64.73	91.49	58.81	78.78	77.93	81.79	72.29	63.33	69.38	55.00
Standard Deviation	47.46	20.79	30.08	13.10	13.30	22.42	34.54	15.74	19.40	15.26	14.34
Skewness	6.427	1.054	1.245	0.150	0.565	0.025	1.493	1.051	0.061	0.414	1.222
Excess Kurtosis	55.650	1.593	2.913	-0.773	0.507	1.159	1.397	1.220	-1.108	-1.018	0.802
Coef of Var (%)	61.68	32.11	32.87	22.28	16.88	28.77	42.23	21.77	30.64	22.00	26.07
Std Error of the Mean	2.22	1.70	3.43	2.02	2.19	4.16	6.53	3.21	4.57	3.82	4.53
Lower 95% Limit on Mean	72.58	61.38	84.67	54.73	74.35	69.40	68.39	65.64	53.68	61.24	44.74
Upper 95% Limit on Mean	81.30	68.09	98.32	62.89	83.22	86.46	95.18	78.94	72.98	77.51	65.26
Geometric Statistics											
Log10 Mean	1.848	1.790	1.940	1.759	1.891	1.870	1.883	1.850	1.781	1.832	1.729
Geometric Mean	70.44	61.72	87.13	57.36	77.72	74.19	76.36	70.80	60.34	67.85	53.56
Log10 Standard Deviation	0.164	0.134	0.136	0.099	0.072	0.150	0.156	0.089	0.143	0.094	0.102
Log10 Std Error of Mean	0.008	0.011	0.015	0.015	0.012	0.028	0.030	0.018	0.034	0.024	0.032
Lower 95% Limit on Mean	68.04	58.73	81.16	53.41	73.53	65.08	66.42	64.92	51.22	60.43	45.27
Upper 95% Limit on Mean	72.92	64.86	93.53	61.60	82.16	84.57	87.79	77.21	71.08	76.17	63.37
Percentiles											
Minimum Value	25.00	30.00	40.00	40.00	60.00	25.00	40.00	50.00	30.00	50.00	40.00
5th Percentile	40.00	40.00	50.00	40.00	60.00	25.00	40.00	50.00	30.00	50.00	40.00
10th Percentile	45.00	40.00	60.00	40.00	60.00	55.00	50.00	50.00	35.00	50.00	40.00
15th Percentile	50.00	45.00	60.00	40.00	60.00	55.00	60.00	60.00	45.00	50.00	40.00
25th Percentile	60.00	50.00	70.00	50.00	70.00	65.00	60.00	60.00	50.00	60.00	50.00
35th Percentile	60.00	55.00	75.00	50.00	70.00	70.00	70.00	60.00	50.00	60.00	50.00
50th Percentile	70.00	60.00	90.00	60.00	80.00	80.00	80.00	70.00	60.00	70.00	50.00
65th Percentile	80.00	70.00	100.00	60.00	80.00	85.00	70.00	70.00	70.00	70.00	60.00
70th Percentile	80.00	70.00	100.00	70.00	90.00	85.00	80.00	80.00	80.00	70.00	60.00
75th Percentile	85.00	80.00	110.00	70.00	90.00	90.00	80.00	80.00	80.00	80.00	60.00
80th Percentile	90.00	80.00	110.00	70.00	90.00	90.00	100.00	80.00	80.00	80.00	60.00
90th Percentile	110.00	90.00	120.00	70.00	90.00	100.00	120.00	90.00	80.00	90.00	60.00
95th Percentile	120.00	100.00	140.00	80.00	90.00	110.00	170.00	90.00	90.00	90.00	60.00
98th Percentile	160.00	120.00	160.00	80.00	100.00	110.00	170.00	120.00	100.00	100.00	90.00
99th Percentile	250.00	120.00	160.00	90.00	120.00	140.00	180.00	120.00	100.00	100.00	90.00
Maximum Value	570.00	150.00	220.00	90.00	120.00	140.00	180.00	120.00	100.00	100.00	90.00

Variable: Uranium in Water (U_W)
Units: ppb
Detection Limit: 0.05
Analytical Method: LIF
Number of Values: 457

	Total	C0s	Of	Ss2	Ps5	Df3	C0p	OmV	Ofv	Df2	Ps2
Number of Sites	458	150	77	42	37	29	28	24	18	16	10
Number of Values > D.L.	91	17	31	3	2	6	6	2	3	4	2
Number of Missing Values	1	1	0	0	0	0	0	0	0	0	0
Mean	0.05	0.03	0.08	0.03	0.03	0.05	0.08	0.03	0.04	0.06	0.03
Standard Deviation	0.08	0.02	0.10	0.03	0.02	0.04	0.12	0.02	0.03	0.10	0.01
Skewness	4.310	3.233	3.187	4.952	4.462	1.526	2.085	0.000	1.920	2.823	0.000
Excess Kurtosis	20.443	0.000	11.881	0.000	0.000	0.000	2.839	0.000	0.000	7.118	0.000
Coef of Var (%)	151.51	63.86	132.26	91.11	70.04	92.24	156.12	54.60	82.13	159.79	41.51
Std Error of the Mean	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.00	0.01	0.02	0.00
Lower 95% Limit on Mean	0.04	0.03	0.05	0.02	0.02	0.03	0.03	0.02	0.02	0.01	0.02
Upper 95% Limit on Mean	0.06	0.03	0.10	0.04	0.04	0.06	0.12	0.04	0.05	0.11	0.04
Geometric Statistics											
Log10 Mean	-1.467	-1.545	-1.328	-1.558	-1.568	-1.458	-1.404	-1.564	-1.501	-1.428	-1.534
Geometric Mean	0.03	0.03	0.05	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.03
Log10 Standard Deviation	0.299	0.166	0.380	0.170	0.146	0.288	0.413	0.135	0.236	0.355	0.145
Log10 Std Error of Mean	0.014	0.014	0.043	0.026	0.024	0.053	0.078	0.028	0.056	0.089	0.046
Lower 95% Limit on Mean	0.03	0.03	0.04	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02
Upper 95% Limit on Mean	0.04	0.03	0.06	0.03	0.03	0.04	0.06	0.03	0.04	0.06	0.04
Percentiles											
Minimum Value	0.03	0.03	0.03	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	0.03	0.03	0.03
10th Percentile	0.03	0.03	0.03	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	0.03	0.03	0.03
25th Percentile	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
35th Percentile	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
50th Percentile	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
65th Percentile	0.03	0.03	0.05	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
70th Percentile	0.03	0.03	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
75th Percentile	0.03	0.03	0.09	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
80th Percentile	0.03	0.03	0.11	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.03
90th Percentile	0.10	0.05	0.16	0.03	0.03	0.12	0.21	0.03	0.08	0.07	0.05
95th Percentile	0.16	0.08	0.21	0.07	0.03	0.15	0.38	0.05	0.10	0.14	0.06
98th Percentile	0.38	0.10	0.28	0.08	0.08	0.15	0.38	0.10	0.13	0.41	0.06
99th Percentile	0.43	0.12	0.55	0.20	0.14	0.15	0.43	0.10	0.13	0.41	0.06
Maximum Value	0.57	0.14	0.57	0.20	0.14	0.15	0.43	0.10	0.13	0.41	0.06

