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Stream Sediment and Water Geochemistry of the Triumph Bay Area

(parts of NTS 103H/6, 7, 8, 9, 10, 15, 16)

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STREAM SEDIMENT AND WATER GEOCHEMISTRY OF THE TRIUMPH BAY AREA NTS 103H

OPEN FILE 2002 - 8

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INTRODUCTION

Open File 2002-8 presents new field and analytical data from a stream sediment and water geochemical survey (Figure 1) conducted by the British Columbia Geological Survey Branch in the Triumph Bay Area during 2001. Results for over 48 different metals in stream sediments and pH, uranium, fluoride and sulphate in stream waters are included in this report. The survey covers parts of seven 1:50,000 NTS map sheets in the Douglas Channel (NTS 103H) map. A total of 196 sites were sampled over a combined area of approximately 1800 square kilometres at an average density of 1 site per 7 square kilometres.

Sample collection, preparation and analytical procedures conform to standards established by the National Geochemical Reconnaissance (NGR) as described by Ballantyne (1991). Analytical results and field observations compiled by the RGS program in British Columbia are used in the development of a high-quality geochemical database suitable for mineral exploration, resource assessment, geological mapping and environmental studies. Funded under the government's Corporate Resource Inventory Initiative (CRII), this survey is part of the Ministry of Energy and Mines' contribution to the North Coast Land and Coastal Resource Management Plan (NCLCRMP).

REPORT FORMAT

This report is divided into the following sections:

- Introduction and survey methodology.
- Listings of field observations and analytical data (Appendix A).
- Summary statistics (Appendix B).
- Sample location, geology and element maps (Appendix C).
- Analytical and field data are included on diskette in comma-delimited format.

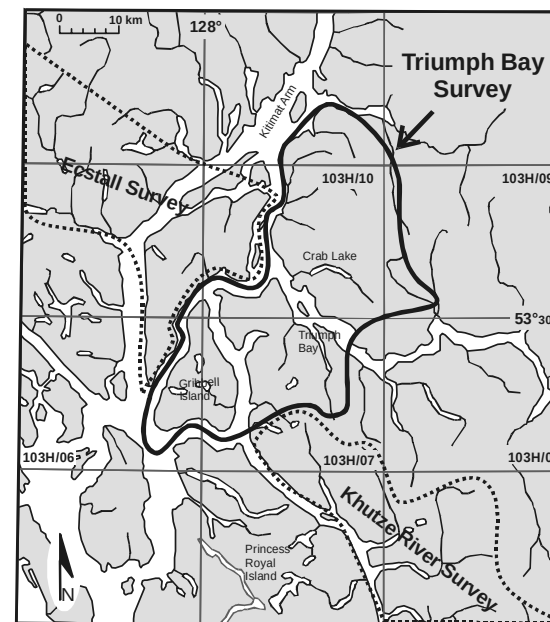


Figure 1. Location map of the Triumph Bay survey area

SURVEY METHODOLOGY

SAMPLE COLLECTION

Helicopter supported sample collection was carried out during the period August 28 to August 31, 2001. A total of 208 sediment and 207 stream water samples were systematically collected from 196 sites. Average sample site density was 1 site per 7 square kilometres over the 1,800 square kilometre survey area. Field duplicate samples (12 total pairs) were routinely collected in each analytical block of twenty samples.

Stream sediment samples weighing 1 to 2 kilograms were obtained from the active (subject to annual flooding) stream channel and placed in kraft paper bags. Samples were primarily composed of fine-grained sediment mixed with varying amounts of coarse sand, gravel and organic material. Contaminated or

poor-quality sample sites were avoided by choosing an alternate stream or by sampling a minimum of 60 metres upstream from the source of contamination. Surface water samples were collected in 250 millilitre bottles. Precautions were taken to exclude suspended solids. Standard field observations regarding sample media, sample site and local terrain were recorded.

SAMPLE PREPARATION

Sediment samples were air dried at a temperature range of 30°C to less than 50°C. Material finer than 1 millimetre was recovered by sieving each sample through a -18 mesh ASTM screen. The -80 mesh (<177 µm) fraction was obtained by dry sieving and was used for all subsequent analytical determinations. Control reference material and analytical duplicate samples were inserted into each analytical block of twenty sediment samples. Any remaining -80 mesh sediment and a representative sample of +80 to -18 mesh fraction was archived for future analyses. Quality control reference standards and analytical blanks were inserted into each analytical block of twenty water samples.

Site positions were marked on 1:50 000 scale NTS maps in the field and later digitized to obtain Universal Transverse Mercator (UTM) coordinates. The rock type underlying each sample site was determined by simple GIS routines using a digital geological base map modified from MacIntyre *et al.*, 1994.

SAMPLE ANALYSIS

Analysis of stream sediment and water samples was conducted by contract laboratories in accordance with established National Geochemical Reconnaissance (NGR) analytical methods. Analytical methods are strictly specified and carefully monitored to ensure consistent and reliable results regardless of the region, year or analytical laboratory. Quality analytical results are ensured by monitoring analytical variation with sample duplicates and control reference standards. A complete list of elements and their stated instrumental detection limits are given in Table 1 and 2.

Table 1. Detection Limits: ICPMS (Sediments).

Element		Detection Limit	Units	Method
Aluminum	Al	0.01	%	ICPMS
Antimony	Sb	0.02	ppm	ICPMS
Arsenic	As	0.1	ppm	ICPMS
Barium	Ba	0.5	ppm	ICPMS
Bismuth	Bi	0.02	ppm	ICPMS
Cadmium	Cd	0.01	ppm	ICPMS
Calcium	Ca	0.01	%	ICPMS
Chromium	Cr	0.5	ppm	ICPMS
Cobalt	Co	0.1	ppm	ICPMS
Copper	Cu	0.01	ppm	ICPMS
Gallium	Ga	0.2	ppm	ICPMS
Gold	Au	0.2	ppb	ICPMS
Iron	Fe	0.01	%	ICPMS
Lanthanum	La	0.5	ppm	ICPMS
Lead	Pb	0.01	ppm	ICPMS
Magnesium	Mg	0.01	%	ICPMS
Manganese	Mn	1	ppm	ICPMS
Mercury	Hg	5	ppb	ICPMS
Molybdenum	Mo	0.01	ppm	ICPMS
Nickel	Ni	0.1	ppm	ICPMS
Phosphorus	P	0.001	%	ICPMS
Potassium	K	0.01	%	ICPMS
Scandium	Sc	0.1	ppm	ICPMS
Selenium	Se	0.1	ppm	ICPMS
Silver	Ag	2	ppb	ICPMS
Sodium	Na	0.001	%	ICPMS
Strontium	Sr	0.5	ppm	ICPMS
Sulphur	S	0.02	%	ICPMS
Tellurium	Te	0.02	ppm	ICPMS
Thallium	Tl	0.02	ppm	ICPMS
Thorium	Th	0.1	ppm	ICPMS
Titanium	Ti	0.001	%	ICPMS
Tungsten	W	0.2	ppm	ICPMS
Uranium	U	0.1	ppm	ICPMS
Vanadium	V	2	ppm	ICPMS
Zinc	Zn	0.1	ppm	ICPMS

The analytical methods used in this survey to determine elements in stream sediments are aqua regia digestion-inductively coupled plasma mass spectroscopy (ICPMS), and epi-thermal instrumental neutron activation analysis (INAA). INAA is non-destructive to the sample and estimates the 'total' element concentration, but this technique is inadequate for measuring ore-

indicator elements such as lead and copper. Ore-indicator elements are determined on a separate sample by aqua regia-ICPMS. Aqua regia digestion, while very effective for dissolving gold, carbonates and sulphides in a sample, cannot completely break down alumino-silicate, oxide and other refractory minerals such as barite. Therefore, the element concentrations determined by aqua regia-ICPMS are considered to be 'partial'. As a result, elements by ICPMS may be determined at lower concentrations relative to INAA.

Inductively Coupled Plasma Mass Spectroscopy (ICPMS)

A split of the -80 mesh material was analyzed for 37 elements (aluminum, antimony, arsenic, barium, bismuth, boron, cadmium, calcium, chromium, cobalt, copper, gallium, gold, iron, lanthanum, lead, magnesium, manganese, mercury, molybdenum, nickel, phosphorus, potassium, scandium, selenium, silver, sodium, strontium, sulphur, tellurium, thallium, thorium, titanium, tungsten, uranium, vanadium and zinc) by Acme Analytical Laboratories. The digestion involved leaching a 1 gram sample with 6 millilitres of hydrochloric acid, nitric acid and distilled, deionized water (2:2:2 v/v) at 95°C for one hour. The solution is diluted to 20 millilitres and analysed by inductively coupled plasma emission spectroscopy on a Jarell Ash instrument and inductively coupled plasma mass spectroscopy on a Perkin Elmer Elan 6000 instrument. Data for boron is not published because of inadequate detection limits and/or precision.

Instrumental Neutron Activation Analysis (INAA)

An additional split of each sample, which ranged from 28 to 39 grams (average 29 g), was analyzed for 35 elements. Weighed and encapsulated samples were packaged for irradiation along with internal standards and international reference materials by Becquerel Laboratories. 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: antimony, arsenic, barium, bromine, calcium,

cerium, cesium, chromium, cobalt, europium, gold, hafnium, iridium, iron, lanthanum, lutetium, mercury, molybdenum, neodymium, nickel, rubidium, samarium, scandium, selenium, silver, strontium, sodium, tantalum, terbium, thorium, tin, tungsten, uranium, ytterbium and zinc. The sample weights are also reported. Data for calcium, iridium, mercury, molybdenum, neodymium, nickel, selenium, silver, strontium, tin and zinc are not published because of inadequate detection limits and/or precision.

Table 2. Detection Limits: INAA, F and LOI in Sediments, and Un-Filtered Waters.

Element	Detection			Method
		Limit	Units	
Antimony	Sb	0.1	ppm	INAA
Arsenic	As	0.5	ppm	INAA
Barium	Ba	50	ppm	INAA
Bromine	Br	0.5	ppm	INAA
Cerium	Ce	5	ppm	INAA
Cesium	Cs	0.5	ppm	INAA
Chromium	Cr	20	ppm	INAA
Cobalt	Co	5	ppm	INAA
Europium	Eu	1	ppm	INAA
Gold	Au	2	ppb	INAA
Hafnium	Hf	1	ppm	INAA
Iron	Fe	0.2	%	INAA
Lanthanum	La	2	ppm	INAA
Lutetium	Lu	0.2	ppm	INAA
Rubidium	Rb	15	ppm	INAA
Samarium	Sm	0.1	ppm	INAA
Scandium	Sc	0.2	ppm	INAA
Sodium	Na	0.02	%	INAA
Tantalum	Ta	0.5	ppm	INAA
Terbium	Tb	0.5	ppm	INAA
Thorium	Th	0.2	ppm	INAA
Tungsten	W	1	ppm	INAA
Uranium	U	0.2	ppm	INAA
Ytterbium	Yb	2	ppm	INAA
Sample Weight	Wt	0.01	gm	GRAV
Fluorine	F	10	ppm	ION
Loss on Ignition	LOI	0.1	%	GRAV
pH	pH			GCE
Uranium	UW	0.05	ppb	LIF
Fluoride	FW	20	ppb	ION
Sulphate	SO4	1	ppm	TURB

Other Sediment Analysis

Loss-on-ignition was determined by CanTech Laboratories using a 500 mg sample. The sample, weighed into a 30 ml beaker, is placed in a cold muffle furnace and heated at 500°C for four hours, cooled to room temperature and then re-weighed (GRAV).

Fluorine was determined by CanTech Laboratories using a method 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 (ION). Standard solutions contain sodium carbonate and citric acid in the same quantities as the sample solution.

WATER SAMPLE ANALYSIS

Unfiltered stream water samples were analyzed for pH, uranium, fluoride and sulphate at CanTech Laboratories. A complete list of elements and stated detection limits are given in Table 2.

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

Uranium was determined by laser-induced fluorescence (LIF) 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 a uranyl pyrophosphate species which fluoresces when exposed to the laser. As organic matter in the sample can cause unpredictable behaviour, a standard addition method is used. A total of 500 microlitres of Fluran solution was added to a 5 millilitre sample and allowed to stand for 24 hours, as the reaction of uranium with the complexing agent may be delayed or sluggish. At the end of this period fluorescence readings were made with the addition of 0.0, 0.2 and 0.4 ppb uranium. For high-concentration

samples, the additions were 0.0, 2.0 and 4.0 ppb uranium. All readings are taken against a sample blank.

Fluoride was determined by ion selective electrode (ION). A 20 millilitre aliquot of the sample was mixed with 20 millilitres of TISAB II (total ionic strength adjustment buffer) buffer solution. Fluoride was determined with an Orion fluoride electrode in conjunction with a Corning ion meter.

Sulphate was determined by a turbidimetric method (TURB). A 50 millilitre aliquot was mixed with barium chloride and an isopropyl alcohol-HCl-NaCl reagent, and turbidity of the resulting barium sulphate solution measured with a spectrophotometer at 420 nanometres.

ACKNOWLEDGMENTS

Survey design and implementation was by the author. Sample collection preparation and geochemical analyses were conducted by the following companies:

Collection:

McElhanney Consulting Services Ltd., Vancouver, B.C.

Preparation:

Liz Clough, BCGSB. Victoria, B.C.

Sediment Analysis:

ACME Analytical Laboratories Ltd., Vancouver, B.C. (ICPMS)

Becquerel Laboratories Ltd., Ancaster, Ontario (INAA)

Water Analysis:

CanTech Laboratories Inc., Calgary, Alberta

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Hall, G.E.M. (1979): A Study of the Stability of Uranium in Waters Collected from Various Geological Environments in Canada; in Current Research, Part A, Geological Survey of Canada, Paper 79-1A, pages 361-365.

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STREAM SEDIMENT AND WATER GEOCHEMISTRY OF THE TRIUMPH BAY AREA

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APPENDIX A

**** FIELD OBSERVATIONS AND ANALYTICAL DATA ****

Reference Guide to Field Observations

MAP	1:50 000 NTS Map Sheet Number
ID	Sample Site Number
UTMZ	UTM Zone
UTME	UTM East Coordinate (NAD 83)
UTMN	UTM North Coordinate (NAD 83)
LAT	Latitude in Decimal Degrees (NAD 83)
LONG	Longitude in Decimal Degrees (NAD 83)
REP	Replicate Sample Status : Routine Sample 10 1st Field Duplicate 20 2nd Field Duplicate
MAT	Sample Media Collected : 6 Stream Sediment and Water 1 Stream Sediment
ELEV	Elevation of sample site above sea level (metres)
FORM	Geological formation underlying sample site (after MacIntyre <i>et al.</i> , 1994). uTrAs Alexander Terrane PTCg, PTCs Central Gneiss Complex Etgd, Etqd Tsaytis Plutonic Suite KTqd, KTgd Quottoon Pluton MKd, Mkdn, Mkgd, Ecstall Belt MKqd, and MKgm

WAT COL	Water Colour : 0 Colourless 1 Brown Clear 2 White Cloudy
FLW	Water Flow Rate : 1 Slow 3 Fast 2 Moderate 4 Torrent
SED COL	Sediment Colour : R Red T Tan-Brown B Black W White G Grey-Blue
SED PPT	Sediment Precipitate : N None (otherwise, same as SED COL)
CON	Site Contamination : N None D Domestic F Forestry
COMP	Sediment Composition, Estimate of Sand - Fines - Organic Content : 0 Absent 1 Minor (<1/3 of total) 2 Moderate (1/3 to 2/3 of total) 3 Major (>2/3 of total)
WDTH	Stream Width (metres)
DPTH	Stream Depth (centimetres)

BNK	Bank Composition : A Alluvium R Rock S Scree/Talus O Organic
BNK PPT	Bank Precipitate : N None (otherwise, same as SED COL)
CHL BED	Channel Bed : B Boulders S Coarse Sands
CHL PTN	Channel Pattern : M Meandering S Shoots and Pools
PHY	Physiography : M Mature Mts Y Youthful Mts
DRN	Drainage Pattern : D Dendritic
TYP	Stream Type : P Permanent S Seasonal
ODR	Stream Order : 1 Primary 3 Tertiary 2 Secondary 4 Quaternary
SRC	Stream Source : G Groundwater
WT	Weight of Sediment Sample Analyzed by INAA (grams)

Field Observations

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	STA	MED	FORM	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDT	STRM DPTH	BNK	CHL PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
103H15	2001	4002	9	532321	5960383	53.79102	-128.50938	120	10	6	PTCg	0	2	T	N	N	310	1.0	20	A	N	S	S	Y	D	P	1	G	2808
103H15	2001	4003	9	532321	5960383	53.79102	-128.50938	120	20	6	PTCg	0	2	T	N	N	310	1.0	20	A	N	S	S	Y	D	P	1	G	2808
103H15	2001	4004	9	532599	5958057	53.77010	-128.50540	220		6	PTCg	0	2	G	N	N	220	2.0	40	A	N	S	S	Y	D	P	2	G	2808
103H16	2001	4005	9	534130	5956639	53.75726	-128.48233	200		6	PTCg	0	3	G	N	N	130	4.0	40	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4006	9	533256	5955297	53.74525	-128.49573	120		6	PTCg	0	1	T	N	N	130	1.0	10	A	N	S	M	Y	D	S	2	G	2808
103H09	2001	4007	9	535711	5952230	53.71752	-128.45885	220		6	PTCg	0	1	G	N	N	220	3.0	20	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4008	9	537375	5951990	53.71525	-128.43367	260		6	PTCg	0	2	G	N	N	220	2.0	10	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4009	9	539072	5950664	53.70321	-128.40813	380		6	KTgd	0	2	G	N	N	221	2.0	20	A	N	S	S	Y	D	P	1	G	2808
103H09	2001	4010	9	540558	5949860	53.69587	-128.38573	360		6	PTCg	0	3	G	N	N	220	4.0	30	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4011	9	540140	5948441	53.68315	-128.39224	480		6	PTCg	2	3	G	N	N	130	6.0	50	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4013	9	534608	5948870	53.68740	-128.47595	160		6	KTgd	0	2	G	N	N	221	3.0	20	A	N	S	S	Y	D	P	2	G	2808
103H09	2001	4014	9	534492	5948091	53.68041	-128.47779	160		6	KTgd	0	2	T	N	N	212	2.0	20	A	N	B	S	Y	D	P	1	G	2808
103H10	2001	4015	9	530988	5944334	53.64686	-128.53122	580		6	KTgd	0	4	T	N	N	220	5.0	40	A	N	B	S	Y	D	P	2	G	2808
103H10	2001	4016	9	531937	5945181	53.65441	-128.51677	520		6	KTgd	0	2	G	N	N	310	3.0	30	A	N	S	S	Y	D	P	1	G	2808
103H10	2001	4017	9	532639	5946760	53.66856	-128.50598	420		6	KTgd	0	2	G	N	N	220	2.0	20	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4018	9	537171	5944390	53.64696	-128.43768	580		6	KTgd	0	2	G	N	N	310	4.0	30	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4019	9	534133	5939682	53.60485	-128.48415	620		6	KTgd	0	2	W	N	N	320	5.0	40	A	N	B	S	Y	D	P	2	G	2808
103H10	2001	4020	9	532568	5938247	53.59205	-128.50796	480		6	PTCg	0	2	T	N	N	212	4.0	20	A	N	B	S	Y	D	P	1	G	2808
103H15	2001	4022	9	531177	5963278	53.81711	-128.52644	160		6	PTCg	0	2	T	N	F	130	2.5	100	A	N	B	S	Y	D	P	1	G	2808
103H16	2001	4023	9	534179	5957587	53.76578	-128.48149	280		6	PTCg	0	2	T	N	F	131	3.5	125	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4024	9	537132	5951503	53.71089	-128.43741	300		6	KTgd	0	2	T	N	N	130	12.0	150	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4025	9	534032	5954684	53.73969	-128.48403	280		6	PTCg	0	2	T	N	F	131	2.0	100	A	N	S	S	Y	D	P	1	G	2808
103H09	2001	4026	9	539296	5951472	53.71045	-128.40464	420		6	PTCg	0	2	T	N	F	220	4.0	150	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4028	9	541003	5948401	53.68272	-128.37918	400	10	6	PTCg	0	3	T	N	N	130	10.0	200	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4029	9	541003	5948401	53.68272	-128.37918	400	20	6	PTCg	0	3	T	N	N	130	10.0	200	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4030	9	533957	5948254	53.68191	-128.48587	280		6	KTgd	0	2	T	N	N	130	4.0	150	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4031	9	534738	5945149	53.65395	-128.47440	380		6	KTgd	0	3	T	N	N	130	10.0	250	A	N	B	S	Y	D	P	2	G	2808
103H10	2001	4032	9	530511	5944398	53.64746	-128.53842	560		6	KTgd	0	2	T	N	N	130	12.0	200	R	N	B	S	Y	D	P	2	G	2808
103H10	2001	4033	9	531561	5945576	53.65799	-128.52242	520		6	KTgd	0	2	T	N	N	130	6.0	150	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4034	9	536409	5945418	53.65625	-128.44909	620		6	KTgd	0	2	T	N	N	131	3.0	50	R	N	B	S	Y	D	P	1	G	2808
103H09	2001	4035	9	537024	5943756	53.64127	-128.43997	500		6	KTgd	0	2	T	N	N	130	15.0	100	A	N	S	S	Y	D	P	2	G	2808
103H09	2001	4036	9	533623	5939655	53.60464	-128.49185	560		6	KTgd	0	2	T	N	N	130	15.0	150	A	N	B	S	Y	D	P	2	G	2808
103H10	2001	4037	9	532315	5936991	53.58078	-128.51190	620		6	PTCg	0	3	T	N	N	131	7.0	150	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4038	9	534599	5935314	53.56556	-128.47759	340		6	KTgd	0	1	T	N	N	130	12.0	150	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4039	9	535240	5932068	53.53634	-128.46827	440		6	PTCg	0	2	T	N	N	220	7.0	150	A	R	B	S	Y	D	P	1	G	2808
103H09	2001	4040	9	533545	5930799	53.52504	-128.49399	440		6	PTCg	0	3	T	Y	N	130	12.0	200	A	N	B	S	Y	D	P	2	G	2808
103H07	2001	4042	9	512969	5924436	53.46876	-128.80463	60	10	6	MKgd	0	2	T	N	F	130	1.5	30	A	N	S	S	M	D	P	1	G	3008
103H07	2001	4043	9	512969	5924436	53.46876	-128.80463	60	20	6	MKgd	0	2	T	N	F	130	1.5	30	A	N	S	S	M	D	P	1	G	3008
103H07	2001	4044	9	511923	5923080	53.45660	-128.82044	100		6	MKgd	2	3	T	N	F	130	3.0	60	A	N	B	S	M	D	P	2	G	3008
103H07	2001	4045	9	508551	5921363	53.44123	-128.87127	100		6	MKgd	2	3	T	N	N	130	4.0	60	R	N	B	S	M	D	P	2	G	3008

Field Observations

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	STA	MED	FORM	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDT	STRM DPTH	BNK	CHL PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
103H07	2001	4046	9	507691	5920963	53.43765	-128.88423	40		6	MKgd	2	3	T	N	F	220	6.0	40	A	N	S	S	M	D	P	2	G	3008
103H07	2001	4047	9	501526	5921864	53.44580	-128.97702	60		6	MKgd	2	2	T	N	N	220	3.0	40	A	N	B	S	M	D	P	1	G	3008
103H07	2001	4048	9	500454	5923756	53.46281	-128.99316	60		6	MKgd	2	3	T	N	N	220	7.0	60	A	N	B	S	M	D	P	2	G	3008
103H10	2001	4049	9	502906	5931483	53.53225	-128.95616	80		6	MKqd	2	2	T	N	N	220	4.0	50	A	N	B	S	M	D	P	2	G	3008
103H06	2001	4050	9	496422	5926024	53.48318	-129.05393	80		6	MKgd	2	2	T	N	N	220	4.0	50	A	N	S	S	M	D	P	1	G	3008
103H10	2001	4051	9	506650	5930991	53.52780	-128.89968	80		6	MKqd	2	3	T	N	N	220	6.0	70	R	N	B	S	M	D	P	1	G	3008
103H10	2001	4052	9	508900	5930988	53.52774	-128.86575	100		6	MKqd	0	2	T	N	N	220	3.0	30	S	N	B	S	M	D	P	1	G	3008
103H10	2001	4053	9	510634	5933801	53.55299	-128.83949	40		6	MKqd	2	3	T	N	N	220	8.0	80	A	N	B	S	M	D	P	1	G	3008
103H15	2001	4054	9	522493	5962500	53.81057	-128.65840	200		6	PTCg	0	2	T	N	N	220	2.0	40	A	N	B	S	M	D	P	1	G	3108
103H15	2001	4055	9	525110	5962127	53.80710	-128.61869	320		6	PTCg	0	2	T	N	N	220	1.5	20	A	N	S	S	M	D	P	1	G	3108
103H15	2001	4056	9	526677	5956425	53.75577	-128.59539	500		6	PTCg	0	2	T	N	N	220	3.5	50	A	N	B	S	M	D	P	1	G	3108
103H15	2001	4057	9	520440	5958820	53.77758	-128.68982	260		6	PTCg	0	2	T	N	N	220	5.5	50	R	N	B	S	M	D	P	2	G	3108
103H15	2001	4059	9	517816	5957885	53.76927	-128.72970	180		6	PTCg	0	2	T	N	N	220	1.5	20	R	N	S	S	M	D	P	1	G	3108
103H10	2001	4060	9	516266	5946139	53.66375	-128.75384	240		6	KTgd	0	2	T	N	F	220	1.5	20	R	N	S	S	M	D	P	1	G	3108
103H09	2001	4062	9	533811	5936302	53.57449	-128.48938	380		6	PTCg	0	2	G	N	N	320	3.0	30	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4064	9	535631	5934278	53.55618	-128.46213	280	10	6	PTCg	0	2	G	N	N	320	4.0	30	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4065	9	535631	5934278	53.55618	-128.46213	280		6	PTCg	0	2	G	N	N	320	4.0	30	A	N	B	S	Y	D	P	2	G	2808
103H09	2001	4066	9	534219	5932110	53.53678	-128.48368	540		6	PTCg	0	2	T	N	N	310	3.0	30	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4067	9	533918	5930169	53.51936	-128.48843	420		6	PTCg	0	2	T	N	N	220	4.0	40	A	N	B	S	Y	D	P	3	G	2808
103H09	2001	4068	9	536843	5931823	53.53403	-128.44412	200		6	PTCg	0	2	T	N	N	212	3.0	20	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4069	9	537857	5931079	53.52727	-128.42891	180		6	PTCg	0	2	T	N	N	221	4.0	40	A	N	B	S	Y	D	P	1	G	2808
103H08	2001	4070	9	539337	5927994	53.49943	-128.40698	320		6	PTCg	0	3	T	N	N	220	6.0	50	A	N	B	S	Y	D	P	2	G	2808
103H08	2001	4071	9	539310	5923416	53.45828	-128.40796	100		6	KTgd	0	3	T	N	N	320	4.0	80	A	N	B	S	Y	D	P	1	G	2808
103H08	2001	4072	9	534312	5922037	53.44624	-128.48338	60		6	PTCs	0	1	T	N	N	310	1.0	5	A	N	B	S	Y	D	P	1	G	2808
103H09	2001	4073	9	537532	5931971	53.53531	-128.43371	200		6	PTCg	0	3	T	N	N	221	5.0	100	R	N	B	S	Y	D	P	1	G	2808
103H08	2001	4074	9	539960	5925589	53.47777	-128.39789	60		6	PTCg	0	3	T	N	N	130	5.0	200	R	N	B	S	Y	D	P	1	G	2808
103H08	2001	4075	9	538350	5922875	53.45349	-128.42248	80		6	KTqd	0	2	T	N	N	130	12.0	150	R	N	B	S	Y	D	P	1	G	2808
103H07	2001	4076	9	532394	5925135	53.47421	-128.51194	260		6	PTCg	0	2	T	N	N	130	8.0	150	A	N	S	S	Y	D	P	2	G	2808
103H07	2001	4077	9	526945	5926757	53.48909	-128.59389	140		6	PTCg	0	1	T	N	N	130	4.0	50	A	N	B	S	Y	D	P	1	G	2808
103H07	2001	4078	9	525818	5927494	53.49577	-128.61081	260		6	PTCg	0	3	T	N	N	130	4.0	100	A	N	B	S	Y	D	P	2	G	2808
103H07	2001	4079	9	531979	5925143	53.47430	-128.51819	280		6	PTCg	0	2	G	N	N	220	8.0	150	R	N	B	S	Y	D	P	1	G	2808
103H07	2001	4080	9	528414	5925376	53.47660	-128.57187	480		6	PTCg	0	2	G	N	N	310	2.0	20	A	N	B	S	Y	D	P	1	G	2808
103H15	2001	4082	9	528176	5963061	53.81534	-128.57206	500		6	PTCg	0	2	T	N	N	130	4.0	75	A	N	B	S	Y	D	P	1	G	2908
103H15	2001	4083	9	530114	5960598	53.79309	-128.54285	500	10	6	PTCg	0	2	T	N	F	130	8.0	100	R	N	B	S	Y	D	P	2	G	2908
103H15	2001	4084	9	530114	5960598	53.79309	-128.54285	500		6	PTCg	0	2	T	N	F	130	8.0	100	R	N	B	S	Y	D	P	2	G	2908
103H10	2001	4085	9	530979	5950237	53.69991	-128.53076	680		6	PTCg	0	2	T	N	N	130	14.0	150	A	N	B	S	Y	D	P	2	G	2908
103H10	2001	4086	9	528187	5940070	53.60869	-128.57398	620		6	PTCg	0	1	T	R	N	131	4.0	75	A	N	S	S	Y	D	P	1	G	2908
103H10	2001	4087	9	524618	5937937	53.58970	-128.62808	340		6	PTCg	1	2	G	N	N	130	5.0	150	A	N	B	S	Y	D	P	2	G	2908
103H10	2001	4088	9	521894	5936257	53.57472	-128.66935	280		6	PTCg	0	2	T	N	N	130	8.0	150	A	N	B	S	Y	D	P	2	G	2908
103H10	2001	4090	9	524563	5935639	53.56904	-128.62909	340		6	PTCg	0	1	T	N	N	122	1.5	30	A	N	S	S	Y	D	P	1	G	2908

Field Observations

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	STA	MED	FORM	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTN	STRM DPTH	BNK BNK	CHL PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
103H10	2001	4091	9	527079	5934682	53.56032	-128.59118	260		6	PTCg	0	2	T	N	N	220	5.0	75	A	N	S	S	Y	D	P	2	G	2908
103H10	2001	4092	9	530182	5932591	53.54135	-128.54455	460		6	PTCg	0	3	T	N	N	131	6.0	150	R	N	B	S	Y	D	P	1	G	2908
103H10	2001	4093	9	529962	5931579	53.53227	-128.54796	420		6	PTCg	0	3	G	N	N	130	15.0	150	A	N	B	S	Y	D	P	2	G	2908
103H07	2001	4094	9	519413	5918372	53.41405	-128.70793	460		6	MKgd	0	2	T	N	F	220	4.5	75	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4095	9	522968	5917619	53.40714	-128.65450	100		6	MKgd	0	2	T	N	F	130	10.0	100	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4096	9	523318	5910993	53.34757	-128.64972	200		6	MKgd	0	2	T	N	F	220	3.5	200	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4097	9	523020	5909986	53.33853	-128.65427	240		6	MKgd	0	2	T	N	F	220	12.0	75	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4098	9	519301	5915263	53.38611	-128.70980	280		6	MKgd	0	2	T	N	N	220	8.0	50	R	N	B	S	Y	D	P	1	G	2908
103H07	2001	4099	9	514697	5915054	53.38438	-128.77904	660		6	MKgd	0	2	T	N	N	220	4.0	75	A	N	S	S	Y	D	P	1	G	2908
103H07	2001	4100	9	515345	5912726	53.36344	-128.76941	160		6	MKgd	0	2	T	N	N	220	10.0	100	A	N	B	S	Y	D	P	2	G	2908
103H15	2001	4102	9	525929	5964714	53.83031	-128.60604	120		6	PTCg	0	3	T	N	N	112	3.0	30	R	N	B	S	Y	D	P	1	G	2908
103H15	2001	4103	9	529637	5960937	53.79616	-128.55007	480		6	PTCg	0	2	G	N	N	220	3.0	30	A	N	B	S	Y	D	P	1	G	2908
103H10	2001	4104	9	532154	5951957	53.71530	-128.51278	560		6	PTCg	0	3	T	N	N	220	3.0	40	A	N	B	S	Y	D	P	2	G	2908
103H10	2001	4105	9	527122	5942138	53.62733	-128.58989	580	10	6	PTCg	0	2	R	N	N	320	5.0	40	A	N	B	S	Y	D	P	2	G	2908
103H10	2001	4106	9	527122	5942138	53.62733	-128.58989	580	20	6	PTCg	0	2	R	N	N	320	5.0	40	A	N	B	S	Y	D	P	2	G	2908
103H10	2001	4107	9	528811	5939349	53.60217	-128.56461	560		6	KTgd	0	2	G	N	N	220	5.0	20	A	N	B	S	Y	D	P	3	G	2908
103H10	2001	4108	9	524119	5940105	53.60921	-128.63546	400		6	PTCg	0	2	G	N	N	120	3.0	30	A	N	B	S	Y	D	P	1	G	2908
103H10	2001	4109	9	520821	5937526	53.58617	-128.68548	280		6	PTCg	0	2	G	N	N	220	4.0	20	A	N	B	S	Y	D	P	1	G	2908
103H10	2001	4110	9	526780	5935709	53.56956	-128.59561	320		6	PTCg	0	3	T	N	N	220	5.0	30	A	N	B	S	Y	D	P	2	G	2908
103H10	2001	4111	9	528456	5932558	53.54115	-128.57059	460		6	PTCg	0	3	G	N	N	130	6.0	30	A	N	B	S	Y	D	P	1	G	2908
103H10	2001	4113	9	530373	5932385	53.53949	-128.54169	480		6	PTCg	0	2	T	N	N	120	3.0	30	A	N	B	S	Y	D	P	2	G	2908
103H07	2001	4114	9	520680	5920692	53.43486	-128.68871	120		6	MKgd	0	2	G	N	F	310	2.0	20	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4115	9	521947	5920424	53.43240	-128.66966	140		6	MKgd	0	2	T	N	N	320	3.0	30	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4116	9	522803	5912837	53.36417	-128.65733	180		6	MKgd	0	1	T	N	N	220	1.0	10	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4117	9	522469	5910435	53.34259	-128.66252	200		6	MKgd	0	3	T	N	N	212	7.0	50	A	N	B	S	Y	D	P	2	G	2908
103H07	2001	4118	9	521391	5913927	53.37402	-128.67847	200		6	MKgd	0	2	T	N	N	310	3.0	30	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4119	9	520076	5914165	53.37621	-128.69822	180		6	MKgd	0	2	T	N	N	220	4.0	40	A	N	S	M	Y	D	P	1	G	2908
103H07	2001	4120	9	517436	5912576	53.36202	-128.73800	200		6	MKgd	0	3	G	N	N	220	5.0	40	A	N	S	S	Y	D	P	1	G	2908
103H07	2001	4122	9	513787	5909719	53.33645	-128.79295	80	10	6	MKgd	0	2	T	N	N	130	7.0	100	A	N	S	S	Y	D	P	2	G	2908
103H07	2001	4123	9	513787	5909719	53.33645	-128.79295	80	20	6	MKgd	0	2	T	N	N	130	7.0	100	A	N	S	S	Y	D	P	2	G	2908
103H07	2001	4124	9	510912	5912706	53.36337	-128.83602	100		6	MKgd	0	1	T	N	F	130	3.0	50	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4125	9	508115	5914530	53.37981	-128.87800	200		6	OTrAs	0	2	T	N	N	130	3.5	100	R	N	B	S	Y	D	P	1	G	2908
103H07	2001	4127	9	513240	5919207	53.42175	-128.80077	300		6	MKgd	1	3	T	N	F	130	4.0	75	R	N	B	S	Y	D	P	1	G	2908
103H07	2001	4128	9	516189	5917851	53.40948	-128.75646	440		6	MKgd	1	2	T	N	N	130	6.0	100	R	N	B	S	Y	D	P	1	G	2908
103H07	2001	4129	9	505062	5914151	53.37645	-128.92390	140		6	MKgd	0	2	T	N	N	130	3.5	100	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4130	9	502062	5911766	53.35503	-128.96902	100		6	MKgd	1	3	T	N	F	121	12.0	200	A	N	B	S	Y	D	P	2	G	2908
103H07	2001	4131	9	502134	5907806	53.31943	-128.96796	60		6	MKgd	1	2	T	N	N	130	6.0	150	A	N	B	S	Y	D	P	1	G	2908
103H06	2001	4132	9	494541	5908038	53.32149	-129.08195	100		6	MKdn	1	1	T	N	N	131	1.5	50	A	N	S	S	Y	D	P	1	G	2908
103H06	2001	4133	9	491395	5907636	53.31784	-129.12917	40		6	MKgd	1	1	T	N	F	130	6.0	100	R	N	B	S	Y	D	P	2	G	2908
103H06	2001	4134	9	492110	5911364	53.35136	-129.11854	120		6	MKdn	0	1	T	N	F	131	3.5	50	A	N	B	S	Y	D	P	1	G	2908

Field Observations

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	STA	MED	FORM	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDT	STRM DPTH	BNK	CHL PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
103H06	2001	4135	9	493272	5911102	53.34902	-129.10107	240		6	MKdn	0	1	T	N	F	220	1.0	50	A	N	B	S	Y	D	P	1	G	2908
103H06	2001	4136	9	496922	5913165	53.36760	-129.04627	100		6	MKqd	1	2	T	N	N	220	5.0	100	A	N	B	S	Y	D	P	1	G	2908
103H06	2001	4137	9	496378	5913547	53.37103	-129.05444	100		6	MKqd	1	1	T	N	N	130	4.5	100	A	N	S	S	Y	D	P	1	G	2908
103H06	2001	4138	9	494441	5913709	53.37247	-129.08356	120		6	MKqd	0	1	T	N	F	130	3.0	100	A	N	B	S	Y	D	P	1	G	2908
103H06	2001	4139	9	497307	5915795	53.39124	-129.04049	200		6	MKqd	0	1	T	N	N	220	5.5	50	A	N	B	S	Y	D	P	1	G	2908
103H15	2001	4140	9	519738	5963876	53.82305	-128.70015	80		6	ETqd	1	2	T	N	N	122	4.0	75	A	N	B	S	Y	D	P	1	G	3008
103H07	2001	4142	9	515172	5910708	53.34530	-128.77210	440		6	MKqd	0	3	T	N	N	202	4.0	50	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4143	9	512769	5912999	53.36596	-128.80811	400		6	MKqd	0	3	T	N	N	112	9.0	40	A	N	B	M	Y	D	P	2	G	2908
103H07	2001	4144	9	509225	5911406	53.35171	-128.86141	160		6	MKqd	1	1	T	O	N	310	3.0	50	A	N	S	M	Y	D	P	1	G	2908
103H07	2001	4145	9	510235	5916776	53.39997	-128.84606	140	10	6	MKqd	0	3	T	N	N	310	6.0	50	A	N	B	M	Y	D	P	2	G	2908
103H07	2001	4146	9	510235	5916776	53.39997	-128.84606	140	20	6	MKqd	0	3	T	N	N	310	6.0	50	A	N	B	M	Y	D	P	2	G	2908
103H07	2001	4147	9	513661	5919132	53.42107	-128.79444	300		6	MKqd	0	3	G	N	N	220	7.0	30	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4148	9	516230	5918938	53.41925	-128.75578	420		6	MKqd	0	1	G	N	N	310	2.0	20	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4149	9	504710	5916921	53.40135	-128.92916	120		6	OTrAs	0	3	B	N	N	310	6.0	30	A	N	B	S	Y	D	P	1	G	2908
103H07	2001	4150	9	504640	5911699	53.35441	-128.93030	40		6	MKqd	0	2	T	N	N	320	12.0	60	A	N	S	S	Y	D	P	2	G	2908
103H07	2001	4151	9	504228	5909928	53.33849	-128.93650	400		6	MKqd	0	1	G	N	N	320	2.0	30	A	N	S	S	Y	D	P	1	G	2908
103H06	2001	4152	9	497310	5909726	53.33669	-129.04039	60		6	MKqd	1	1	G	N	N	320	2.0	70	A	N	S	S	Y	D	P	2	G	2908
103H06	2001	4153	9	493002	5907492	53.31657	-129.10505	60		6	MKdn	0	3	T	N	N	220	3.0	20	A	N	B	S	Y	D	P	2	G	2908
103H06	2001	4154	9	491158	5911340	53.35113	-129.13283	80		6	MKdn	0	2	G	N	N	320	2.0	20	A	N	B	S	Y	D	P	2	G	2908
103H06	2001	4155	9	492668	5912318	53.35994	-129.11017	60		6	MKd	1	1	G	N	N	211	4.0	30	A	N	S	M	Y	D	P	1	G	2908
103H06	2001	4156	9	494298	5911931	53.35648	-129.08568	100		6	MKqd	0	2	T	N	N	320	8.0	50	A	N	B	M	Y	D	P	2	G	2908
103H06	2001	4157	9	497789	5913192	53.36784	-129.03323	120		6	MKqd	0	3	T	N	N	320	8.0	30	A	N	B	S	Y	D	P	2	G	2908
103H06	2001	4158	9	495180	5916064	53.39364	-129.07248	160		6	MKqd	1	1	T	N	N	320	4.0	20	A	N	S	S	Y	D	P	1	G	2908
103H15	2001	4160	9	514616	5960183	53.79003	-128.77813	60		6	KTqd	0	1	T	N	N	131	2.0	75	A	N	B	S	Y	D	P	1	G	3008
103H10	2001	4162	9	515791	5954730	53.74098	-128.76058	60		6	KTqd	0	3	T	N	N	220	6.0	150	A	N	B	S	Y	D	P	2	G	3008
103H10	2001	4163	9	513395	5938916	53.59890	-128.79760	80	10	6	PTCg	1	3	T	N	N	130	10.0	150	A	N	B	S	Y	D	P	2	G	3008
103H10	2001	4164	9	513395	5938916	53.59890	-128.79760	80	20	6	PTCg	1	3	T	N	N	130	10.0	150	A	N	B	S	Y	D	P	2	G	3008
103H10	2001	4165	9	515620	5937391	53.58513	-128.76405	360		6	PTCg	1	3	T	N	F	220	8.0	75	A	N	S	S	Y	D	P	2	G	3008
103H10	2001	4166	9	518112	5934052	53.55504	-128.72660	160		6	PTCg	1	2	T	N	F	130	10.0	100	A	N	B	S	Y	D	P	1	G	3008
103H10	2001	4167	9	519820	5930681	53.52468	-128.70103	100		6	PTCg	1	3	G	N	F	130	18.0	200	R	N	B	S	Y	D	P	3	G	3008
103H10	2001	4168	9	523921	5928469	53.50463	-128.63933	140		6	PTCg	1	3	G	N	F	130	10.0	150	A	N	B	S	Y	D	P	2	G	3008
103H07	2001	4169	9	516572	5925996	53.48268	-128.75027	120		6	MKqd	1	3	T	N	F	220	7.0	150	A	N	B	S	Y	D	P	1	G	3008
103H07	2001	4170	9	518477	5923065	53.45627	-128.72174	260		6	MKqd	1	3	T	N	F	220	6.0	100	A	N	B	S	Y	D	P	2	G	3008
103H07	2001	4171	9	514319	5923661	53.46176	-128.78433	120		6	MKqd	1	2	T	N	F	220	3.0	50	R	N	B	S	Y	D	P	2	G	3008
103H07	2001	4172	9	511204	5925041	53.47424	-128.83119	80		6	MKqd	0	2	T	N	N	220	3.0	100	A	N	B	S	Y	D	P	1	G	3008
103H07	2001	4173	9	502003	5919498	53.42453	-128.96985	40		6	MKqd	1	3	T	N	F	220	7.0	200	A	N	B	S	Y	D	P	1	G	3008
103H07	2001	4175	9	504075	5923478	53.46029	-128.93862	60		6	MKqd	1	3	T	N	N	220	8.0	150	A	N	B	S	Y	D	P	1	G	3008
103H07	2001	4176	9	500094	5926493	53.48741	-128.99858	60		6	MKqd	1	2	T	N	N	220	4.0	150	A	N	B	S	Y	D	P	1	G	3008
103H11	2001	4177	9	497143	5928841	53.50851	-129.04307	140		6	MKqd	1	3	T	N	N	131	5.0	100	R	N	B	S	Y	D	P	1	G	3008
103H06	2001	4178	9	496692	5923010	53.45609	-129.04982	120		6	MKqd	1	3	T	N	N	220	6.0	200	R	N	B	S	Y	D	P	1	G	3008

Field Observations

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	STA	MED	FORM	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDT	STRM DPTH	BNK	CHL PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
103H06	2001	4179	9	496406	5917918	53.41032	-129.05407	280		6	MKqd	1	2	T	N	N	220	3.0	75	A	N	S	S	Y	D	P	2	G	3008
103H06	2001	4180	9	496512	5919293	53.42268	-129.05249	320		6	MKqd	1	2	T	N	N	131	15.0	50	R	N	B	S	Y	D	P	1	G	3008
103H15	2001	4183	9	521402	5966787	53.84915	-128.67467	80		6	PTCg	0	1	T	N	N	130	1.0	20	A	N	S	S	M	D	P	1	G	3008
103H15	2001	4184	9	517947	5962278	53.80875	-128.72746	80		6	ETqd	0	1	T	N	N	121	1.0	20	O	N	S	S	M	D	P	1	G	3008
103H10	2001	4185	9	511840	5941282	53.62021	-128.82099	60	10	6	PTCg	2	2	T	N	N	220	3.0	40	A	N	B	S	M	D	P	2	G	3008
103H10	2001	4186	9	511840	5941282	53.62021	-128.82099	60	20	6	PTCg	2	2	T	N	N	220	3.0	40	A	N	B	S	M	D	P	2	G	3008
103H10	2001	4187	9	517209	5937132	53.58276	-128.74005	440		6	PTCg	0	3	T	N	N	220	4.0	60	R	N	B	S	M	D	P	2	G	3008
103H10	2001	4188	9	517023	5934522	53.55930	-128.74301	40		6	PTCg	0	2	T	N	F	121	1.0	30	A	N	S	S	M	D	P	1	G	3008
103H10	2001	4189	9	519402	5931982	53.53639	-128.70725	100		6	PTCg	2	3	T	N	N	130	6.0	80	R	N	B	S	Y	D	P	2	G	3008
103H10	2001	4190	9	522715	5928369	53.50378	-128.65752	40		6	PTCg	2	3	T	N	N	130	5.0	40	A	N	B	S	Y	D	P	1	G	3008
103H10	2001	4191	9	514895	5929372	53.51308	-128.77539	60		6	MKqd	2	3	T	N	N	121	3.0	60	R	N	B	S	Y	D	P	1	G	3008
103H07	2001	4192	9	522372	5924795	53.47167	-128.66296	40		6	MKqd	2	3	T	N	N	130	6.0	40	A	N	B	S	Y	D	P	2	G	3008
103H06	2001	4193	9	494167	5918954	53.41961	-129.08777	140		6	MKqd	1	3	T	N	F	131	6.0	50	R	N	B	S	Y	D	P	2	G	3008
103H10	2001	4194	9	505196	5931181	53.52952	-128.92161	60		6	MKqd	1	3	T	N	D	130	8.0	150	A	N	B	S	Y	D	P	2	G	3008
103H10	2001	4195	9	510093	5929903	53.51796	-128.84778	180		6	MKqd	1	3	T	N	F	130	7.0	200	R	N	B	S	Y	D	P	2	G	3008
103H10	2001	4196	9	510629	5929933	53.51822	-128.83969	200		6	MKqd	1	3	T	N	F	220	6.0	150	R	N	B	S	Y	D	P	1	G	3008
103H15	2001	4197	9	522464	5961636	53.80281	-128.65890	200		6	PTCg	0	2	G	N	N	220	6.0	150	A	N	B	S	Y	D	P	2	G	3108
103H15	2001	4198	9	526480	5958655	53.77582	-128.59818	360		6	PTCg	0	2	G	N	N	130	3.0	75	A	N	B	S	Y	D	P	1	G	3108
103H15	2001	4199	9	527016	5956549	53.75687	-128.59023	480		6	PTCg	0	3	G	N	N	130	8.0	150	A	N	B	S	Y	D	P	2	G	3108
103H15	2001	4200	9	519115	5957951	53.76982	-128.70999	180		6	PTCg	1	2	T	N	N	220	6.0	150	A	N	S	S	Y	D	P	2	G	3108
103H10	2001	4202	9	520580	5943565	53.64046	-128.68871	260		6	KTgd	0	2	T	N	F	220	1.5	30	A	N	B	S	M	D	P	1	G	3108
103H10	2001	4203	9	517978	5943296	53.63814	-128.72809	340		6	PTCg	0	2	T	N	N	220	1.0	20	A	N	S	S	M	D	P	1	G	3108
103H10	2001	4204	9	519024	5941864	53.62523	-128.71236	440	10	6	PTCg	0	2	T	N	N	220	3.0	60	A	N	S	S	M	D	P	1	G	3108
103H10	2001	4205	9	519024	5941864	53.62523	-128.71236	440	20	6	PTCg	0	2	T	N	N	220	3.0	60	A	N	S	S	M	D	P	1	G	3108
103H10	2001	4206	9	516041	5941581	53.62278	-128.75748	340		6	PTCg	0	2	T	N	N	130	6.0	40	A	N	B	S	M	D	P	2	G	3108
103H10	2001	4207	9	514141	5943618	53.64115	-128.78611	220		6	PTCg	0	2	T	R	N	220	1.5	30	A	N	S	S	M	D	P	1	G	3108
103H10	2001	4208	9	516945	5950543	53.70331	-128.74331	120		6	KTgd	0	2	T	N	F	220	1.0	20	A	N	S	S	M	D	P	1	G	3108
103H10	2001	4210	9	518958	5952028	53.71659	-128.71273	220		6	KTgd	0	2	T	N	N	220	4.0	50	A	N	B	S	M	D	P	1	G	3108
103H10	2001	4211	9	526408	5952771	53.72294	-128.59979	400		6	KTgd	0	2	T	N	F	220	1.0	20	A	N	S	S	M	D	P	1	G	3108
103H10	2001	4212	9	523331	5953187	53.72683	-128.64638	320		6	KTgd	0	2	T	N	F	220	3.0	20	A	N	B	S	M	D	P	1	G	3108
103H10	2001	4213	9	527409	5951665	53.71295	-128.58471	380		6	KTgd	0	2	T	N	N	220	4.0	60	A	N	B	S	M	D	P	1	G	3108
103H10	2001	4214	9	522948	5949033	53.68951	-128.65249	860		6	KTgd	0	3	T	N	N	220	2.0	30	R	N	B	S	M	D	P	1	G	3108
103H10	2001	4215	9	524180	5945685	53.65936	-128.63410	400		6	KTgd	0	2	T	N	N	220	4.0	30	R	N	B	S	M	D	P	2	G	3108
103H10	2001	4216	9	524185	5945296	53.65586	-128.63406	340		6	PTCg	0	3	T	R	N	220	12.0	100	A	N	B	S	M	D	P	3	G	3108
103H10	2001	4217	9	522760	5945418	53.65702	-128.65561	400		6	PTCg	0	2	T	N	N	220	10.0	30	R	N	B	S	M	D	P	1	G	3108
103H10	2001	4218	9	521890	5946741	53.66895	-128.66868	320		6	KTgd	0	2	T	N	F	220	2.5	30	A	N	B	S	M	D	P	1	G	3108
103H10	2001	4219	9	519135	5947278	53.67389	-128.71035	300		6	PTCg	0	2	T	N	N	220	4.0	30	A	N	B	S	M	D	P	1	G	3108
103H10	2001	4220	9	519342	5947928	53.67972	-128.70716	360		6	KTgd	0	2	T	N	N	220	3.0	30	R	N	B	S	M	D	P	1	G	3108
103H10	2001	4222	9	516696	5945320	53.65637	-128.74737	120		6	KTgd	0	2	G	N	F	220	3.0	75	A	N	B	S	Y	D	P	2	G	3108
103H10	2001	4223	9	521600	5943070	53.63597	-128.67333	300	10	6	KTgd	0	2	T	N	F	220	12.0	100	A	N	B	S	Y	D	P	3	G	3108

Field Observations

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	STA	MED	FORM	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK BNK	CHL PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
103H10	2001	4225	9	521600	5943070	53.63597	-128.67333	300	20	6	KTgd	0	2	T	N	F	220	12.0	100	A	N	B	S	Y	D	P	3	G	3108
103H10	2001	4226	9	519304	5942084	53.62719	-128.70811	400		6	PTCg	1	2	T	R	N	220	11.0	100	A	N	B	S	Y	D	P	2	G	3108
103H10	2001	4227	9	514006	5943088	53.63639	-128.78817	200		6	PTCg	1	1	T	N	N	130	5.0	50	A	N	S	S	Y	D	P	1	G	3108
103H10	2001	4228	9	518647	5950707	53.70472	-128.71753	220		6	KTgd	0	2	T	N	N	220	3.0	75	A	N	S	S	Y	D	P	1	G	3108
103H10	2001	4229	9	520295	5953051	53.72573	-128.69241	280		6	KTgd	0	2	T	N	F	121	1.5	75	R	N	B	S	Y	D	P	2	G	3108
103H10	2001	4230	9	521791	5952459	53.72035	-128.66977	320		6	KTgd	0	2	G	N	N	220	6.0	100	A	N	B	S	Y	D	P	2	G	3108
103H10	2001	4231	9	524699	5952347	53.71921	-128.62572	360		6	KTgd	1	2	T	N	N	121	4.0	50	A	N	B	S	Y	D	P	1	G	3108
103H10	2001	4232	9	527025	5951111	53.70799	-128.59058	320		6	KTgd	0	2	T	N	F	130	12.0	150	A	N	B	S	Y	D	P	4	G	3108

Analytical Data

								S T R E A M S E D I M E N T																	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg
								0.01 %	0.02 ppm	0.1 ppm	0.5 ppm	0.02 ppm	0.01 ppm	0.01 %	0.5 ppm	0.1 ppm	0.01 ppm	0.2 ppm	0.2 ppb	0.01 %	0.5 ppm	0.01 ppm	0.01 %	1 ppm	5 ppb
								ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
103H15	4002	9	532321	5960383	6	10	PTCg	0.89	0.02	0.3	83.5	0.03	0.03	0.52	16.2	6.0	11.89	4.6	0.2	2.02	5.1	1.64	0.43	255	23
103H15	4003	9	532321	5960383	6	20	PTCg	0.74	0.02	0.4	74.1	0.03	0.03	0.46	14.4	5.0	11.15	3.8	0.6	1.72	4.7	1.38	0.34	198	28
103H15	4004	9	532599	5958057	6	0	PTCg	0.68	0.02	0.2	112.2	0.02	0.02	0.71	11.3	7.0	16.88	3.8	0.4	2.03	6.3	1.14	0.45	272	9
103H16	4005	9	534130	5956639	6	0	PTCg	1.53	0.02	0.3	288.4	0.02	0.04	1.14	34.0	13.3	31.02	6.1	0.2	3.03	5.8	1.48	1.07	400	12
103H09	4006	9	533256	5955297	6	0	PTCg	1.35	0.02	0.4	157.4	0.03	0.05	0.91	20.3	10.7	25.97	6.7	0.2	2.65	7.7	2.54	0.83	466	25
103H09	4007	9	535711	5952230	1	0	PTCg	1.40	0.02	0.4	218.1	0.04	0.05	0.93	28.6	11.2	31.18	5.6	0.6	2.24	4.8	1.81	0.84	355	21
103H09	4008	9	537375	5951990	6	0	PTCg	0.94	0.02	0.3	220.6	0.03	0.03	0.73	11.4	9.5	24.93	4.4	0.2	2.12	9.0	1.50	0.68	319	12
103H09	4009	9	539072	5950664	6	0	KTgd	0.66	0.02	0.2	136.4	0.02	0.01	0.55	11.7	7.3	34.37	3.1	0.7	1.80	4.1	0.74	0.51	229	5
103H09	4010	9	540558	5949860	6	0	PTCg	0.94	0.02	0.2	216.4	0.03	0.04	0.81	24.5	12.1	41.10	4.4	0.3	2.71	6.9	0.95	0.73	306	7
103H09	4011	9	540140	5948441	6	0	PTCg	0.69	0.02	0.4	163.5	0.02	0.02	0.62	11.0	6.9	38.99	3.1	0.7	1.64	4.6	0.67	0.45	233	8
103H09	4013	9	534608	5948870	6	0	KTgd	0.71	0.02	0.8	78.3	0.02	0.02	0.67	11.1	4.9	11.01	3.6	0.2	1.38	4.4	1.54	0.39	259	8
103H09	4014	9	534492	5948091	6	0	KTgd	0.82	0.07	0.5	104.4	0.02	0.07	0.65	10.4	7.1	17.09	3.3	0.2	1.28	4.0	1.32	0.33	423	47
103H10	4015	9	530988	5944334	6	0	KTgd	0.43	0.11	0.9	14.7	0.08	0.02	0.47	15.2	3.1	3.36	3.0	0.2	2.00	8.4	1.94	0.18	223	6
103H10	4016	9	531937	5945181	6	0	KTgd	1.53	0.02	1.0	22.8	0.03	0.03	1.15	13.3	5.4	5.06	6.9	0.2	2.00	4.1	4.75	0.51	297	18
103H10	4017	9	532639	5946760	6	0	KTgd	1.54	0.02	0.5	185.3	0.02	0.05	0.81	30.5	10.8	32.40	6.7	0.2	2.24	2.8	2.16	0.96	431	18
103H09	4018	9	537171	5944390	6	0	KTgd	0.55	0.02	0.4	124.5	0.02	0.02	0.45	8.7	5.0	15.47	2.5	0.3	1.21	4.6	0.85	0.37	180	7
103H09	4019	9	534133	5939682	6	0	KTgd	0.65	0.02	0.9	19.5	0.04	0.02	0.51	12.3	3.5	3.33	4.0	0.2	2.23	9.6	2.32	0.28	245	5
103H10	4020	9	532568	5938247	6	0	PTCg	1.78	0.02	0.6	225.1	0.05	0.22	0.72	25.5	13.2	42.33	6.8	0.2	2.78	1.5	2.01	0.98	362	12
103H15	4022	9	531177	5963278	6	0	PTCg	1.01	0.02	0.3	81.6	0.03	0.06	0.60	15.1	7.3	11.71	4.6	0.8	2.00	6.0	2.20	0.36	671	51
103H16	4023	9	534179	5957587	6	0	PTCg	1.14	0.02	0.6	172.1	0.03	0.06	0.44	24.9	9.3	21.35	5.3	2.1	2.50	3.3	1.59	0.61	504	31
103H09	4024	9	537132	5951503	6	0	KTgd	1.05	0.02	0.4	136.7	0.03	0.05	0.78	20.1	9.0	33.28	4.6	0.7	1.93	5.0	1.72	0.72	331	9
103H09	4025	9	534032	5954684	6	0	PTCg	1.21	0.02	0.6	288.9	0.03	0.07	0.76	17.2	10.9	30.01	4.5	0.8	1.80	5.5	1.51	0.68	406	34
103H09	4026	9	539296	5951472	6	0	PTCg	1.28	0.04	0.3	298.0	0.04	0.04	0.95	16.7	13.9	26.94	5.3	1.0	2.79	10.0	1.73	0.94	432	18
103H09	4028	9	541003	5948401	6	10	PTCg	0.62	0.02	0.6	166.3	0.02	0.02	0.66	15.7	7.5	23.35	4.3	0.6	2.91	6.9	0.85	0.43	239	5
103H09	4029	9	541003	5948401	6	20	PTCg	0.66	0.02	0.4	165.1	0.02	0.03	0.76	16.2	8.0	27.71	4.3	0.6	3.06	7.9	0.91	0.42	249	7
103H09	4030	9	533957	5948254	6	0	KTgd	1.08	0.02	0.3	107.7	0.02	0.02	0.56	16.3	6.7	15.03	5.1	0.2	1.61	2.4	1.70	0.62	297	12
103H09	4031	9	534738	5945149	6	0	KTgd	0.76	0.02	0.7	37.9	0.03	0.02	0.58	9.8	3.4	2.55	3.7	0.2	1.53	5.0	1.92	0.34	223	8
103H10	4032	9	530511	5944398	6	0	KTgd	1.20	0.02	0.6	88.6	0.02	0.04	0.81	13.5	6.8	8.59	5.2	0.2	1.72	2.9	3.12	0.60	318	14
103H10	4033	9	531561	5945576	6	0	KTgd	1.30	0.02	0.7	150.8	0.02	0.03	0.94	21.7	9.4	27.15	5.8	0.2	1.99	3.0	2.46	0.74	360	8
103H09	4034	9	536409	5945418	6	0	KTgd	1.37	0.02	0.7	112.3	0.02	0.02	0.85	13.6	5.5	4.97	5.3	0.6	1.64	3.5	1.87	0.58	238	23
103H09	4035	9	537024	5943756	6	0	KTgd	0.80	0.02	0.7	69.3	0.02	0.02	0.51	11.2	4.5	10.72	3.2	0.2	1.21	3.4	1.62	0.38	206	7
103H09	4036	9	533623	5939655	6	0	KTgd	1.34	0.02	0.8	33.1	0.04	0.02	0.78	8.9	4.7	2.70	5.7	0.2	1.45	6.0	3.14	0.51	328	7
103H10	4037	9	532315	5936991	6	0	PTCg	0.89	0.02	0.5	92.7	0.02	0.05	0.63	27.5	7.2	27.68	3.8	0.6	2.28	1.4	1.07	0.53	240	5
103H09	4038	9	534599	5935314	6	0	KTgd	1.22	0.02	0.8	144.7	0.02	0.03	0.60	14.1	7.4	17.41	4.8	3.1	1.84	2.4	1.37	0.63	269	10
103H09	4039	9	535240	5932068	6	0	PTCg	2.00	0.02	0.7	142.9	0.02	0.07	1.10	25.7	12.3	40.26	6.0	0.7	2.38	1.2	1.70	0.90	296	22
103H09	4040	9	533545	5930799	6	0	PTCg	0.59	0.02	0.2	68.5	0.03	0.03	0.41	8.8	6.8	26.30	2.2	0.3	1.32	2.4	0.86	0.36	185	5
103H07	4042	9	512969	5924436	6	10	MKgd	1.12	0.02	0.7	52.0	0.02	0.05	1.07	3.9	3.9	1.13	6.0	0.3	2.33	3.8	2.22	0.28	252	15
103H07	4043	9	512969	5924436	6	20	MKgd	1.27	0.02	0.6	57.8	0.03	0.03	1.09	3.7	3.9	1.14	6.1	0.2	2.28	3.7	2.26	0.30	267	11
103H07	4044	9	511923	5923080	6	0	MKgd	0.37	0.02	0.3	28.9	0.02	0.02	0.45	6.0	2.6	0.93	3.1	0.2	2.15	3.2	0.89	0.14	158	7
103H07	4045	9	508551	5921363	6	0	MKgd	0.38	0.03	0.4	28.2	0.02	0.01	0.48	5.8	2.8	1.17	3.4	0.2	2.46	3.5	0.90	0.16	155	6

Analytical Data

								S T R E A M S E D I M E N T																	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
								0.01 ppm ICPMS	0.1 ppm ICPMS	0.001 % ICPMS	0.01 % ICPMS	0.1 ppm ICPMS	0.1 ppm ICPMS	2 ppb ICPMS	0.001 % ICPMS	0.5 ppm ICPMS	0.01 % ICPMS	0.02 ppm ICPMS	0.02 ppm ICPMS	0.1 ppm ICPMS	0.001 % ICPMS	0.2 ppm ICPMS	0.1 ppm ICPMS	2 ppm ICPMS	0.1 ppm ICPMS
103H15	4002	9	532321	5960383	6	10	PTCg	0.57	7.4	0.175	0.11	1.3	0.1	22	0.016	26.6	0.03	0.02	0.04	1.1	0.109	0.2	0.6	59	33.4
103H15	4003	9	532321	5960383	6	20	PTCg	0.38	6.6	0.160	0.09	1.1	0.1	22	0.015	20.8	0.03	0.02	0.03	0.8	0.094	0.2	0.6	51	28.6
103H15	4004	9	532599	5958057	6	0	PTCg	0.20	6.4	0.262	0.21	1.3	0.2	28	0.017	30.6	0.02	0.02	0.06	2.3	0.114	0.2	9.1	53	37.0
103H16	4005	9	534130	5956639	6	0	PTCg	0.17	23.4	0.241	0.32	2.0	0.1	31	0.042	93.8	0.01	0.02	0.06	0.4	0.209	0.2	0.5	90	55.6
103H09	4006	9	533256	5955297	6	0	PTCg	0.62	12.9	0.249	0.31	2.1	0.2	48	0.023	62.5	0.01	0.02	0.10	1.5	0.171	0.2	1.8	71	58.8
103H09	4007	9	535711	5952230	1	0	PTCg	0.57	15.2	0.242	0.36	1.7	0.2	51	0.016	43.6	0.02	0.04	0.09	0.8	0.165	0.2	0.9	61	48.6
103H09	4008	9	537375	5951990	6	0	PTCg	0.75	6.7	0.284	0.41	1.6	0.1	47	0.013	23.0	0.02	0.02	0.11	3.7	0.161	0.2	1.3	61	50.4
103H09	4009	9	539072	5950664	6	0	KTgd	0.93	6.9	0.196	0.28	1.5	0.2	38	0.015	18.2	0.03	0.02	0.07	1.2	0.114	0.2	0.5	61	28.9
103H09	4010	9	540558	5949860	6	0	PTCg	0.60	12.6	0.320	0.46	1.4	0.2	38	0.022	23.3	0.03	0.03	0.14	2.1	0.172	0.2	1.4	88	40.9
103H09	4011	9	540140	5948441	6	0	PTCg	1.31	5.7	0.209	0.28	1.4	0.2	33	0.017	25.3	0.02	0.02	0.06	1.1	0.107	0.2	0.4	53	28.6
103H09	4013	9	534608	5948870	6	0	KTgd	0.25	4.4	0.226	0.21	1.2	0.1	20	0.012	30.8	0.01	0.02	0.06	1.3	0.089	0.2	0.7	39	31.8
103H09	4014	9	534492	5948091	6	0	KTgd	1.72	4.9	0.173	0.18	1.2	0.9	50	0.010	30.0	0.04	0.02	0.08	0.5	0.076	0.2	0.6	39	33.0
103H10	4015	9	530988	5944334	6	0	KTgd	0.06	3.1	0.155	0.07	0.7	0.1	14	0.011	29.8	0.01	0.02	0.03	12.5	0.074	0.2	4.1	52	29.3
103H10	4016	9	531937	5945181	6	0	KTgd	0.08	3.7	0.182	0.12	0.9	0.2	24	0.009	98.4	0.01	0.02	0.04	1.3	0.068	0.2	5.2	48	48.7
103H10	4017	9	532639	5946760	6	0	KTgd	0.43	14.8	0.182	0.48	1.9	0.2	35	0.017	50.5	0.01	0.02	0.14	0.5	0.211	0.2	1.4	68	53.5
103H09	4018	9	537171	5944390	6	0	KTgd	0.58	4.1	0.182	0.23	1.2	0.2	35	0.011	16.5	0.01	0.02	0.05	1.1	0.081	0.2	0.3	38	23.8
103H09	4019	9	534133	5939682	6	0	KTgd	0.05	2.0	0.140	0.14	1.0	0.1	16	0.007	29.5	0.01	0.02	0.06	9.8	0.060	0.2	5.1	59	33.5
103H10	4020	9	532568	5938247	6	0	PTCg	2.10	15.8	0.161	0.43	4.0	1.4	100	0.029	40.9	0.10	0.03	0.17	0.2	0.154	0.2	0.4	91	91.1
103H15	4022	9	531177	5963278	6	0	PTCg	0.63	6.3	0.157	0.08	1.6	0.2	33	0.014	37.5	0.03	0.02	0.04	0.8	0.079	0.2	1.1	55	41.2
103H16	4023	9	534179	5957587	6	0	PTCg	0.34	10.5	0.109	0.27	2.7	0.3	39	0.013	22.4	0.02	0.02	0.11	0.4	0.138	0.2	0.9	74	54.9
103H09	4024	9	537132	5951503	6	0	KTgd	0.66	10.9	0.217	0.34	1.9	0.2	42	0.013	33.1	0.04	0.03	0.09	1.6	0.148	0.4	3.2	55	41.2
103H09	4025	9	534032	5954684	6	0	PTCg	0.58	11.0	0.222	0.29	1.1	0.6	42	0.015	44.7	0.03	0.02	0.09	0.4	0.158	0.2	1.0	53	47.6
103H09	4026	9	539296	5951472	6	0	PTCg	1.25	11.4	0.295	0.46	1.5	0.2	39	0.033	47.0	0.04	0.02	0.12	2.4	0.243	0.3	1.5	84	55.8
103H09	4028	9	541003	5948401	6	10	PTCg	2.84	6.0	0.267	0.32	1.2	0.1	34	0.011	21.2	0.03	0.02	0.08	4.5	0.125	0.2	0.7	92	36.4
103H09	4029	9	541003	5948401	6	20	PTCg	2.48	6.4	0.321	0.32	1.2	0.2	46	0.012	23.6	0.03	0.02	0.08	3.9	0.117	0.2	0.8	97	36.0
103H09	4030	9	533957	5948254	6	0	KTgd	0.40	7.8	0.133	0.26	1.4	0.2	20	0.012	34.1	0.01	0.02	0.09	0.6	0.154	0.2	0.8	48	38.4
103H09	4031	9	534738	5945149	6	0	KTgd	0.04	2.0	0.148	0.18	0.9	0.1	11	0.008	36.6	0.01	0.02	0.07	2.1	0.070	0.2	1.6	41	34.6
103H10	4032	9	530511	5944398	6	0	KTgd	0.14	5.3	0.180	0.20	1.2	0.2	18	0.015	75.1	0.01	0.02	0.06	0.8	0.106	0.2	1.4	43	45.1
103H10	4033	9	531561	5945576	6	0	KTgd	0.16	11.1	0.237	0.39	1.8	0.1	32	0.017	56.2	0.01	0.02	0.10	0.7	0.160	0.2	0.5	54	45.7
103H09	4034	9	536409	5945418	6	0	KTgd	0.12	4.4	0.194	0.25	1.2	0.2	24	0.016	42.8	0.02	0.02	0.07	0.6	0.125	0.2	0.4	51	35.1
103H09	4035	9	537024	5943756	6	0	KTgd	0.75	4.0	0.157	0.21	1.2	0.1	17	0.014	30.4	0.01	0.02	0.07	0.9	0.091	0.2	0.7	34	26.3
103H09	4036	9	533623	5939655	6	0	KTgd	0.05	3.0	0.135	0.27	1.0	0.1	15	0.011	68.0	0.01	0.02	0.12	5.3	0.096	0.2	3.2	38	45.6
103H10	4037	9	532315	5936991	6	0	PTCg	0.64	11.3	0.192	0.28	1.6	0.2	32	0.019	19.8	0.02	0.02	0.06	0.4	0.113	0.2	1.2	74	28.6
103H09	4038	9	534599	5935314	6	0	KTgd	0.53	6.7	0.178	0.36	1.9	0.3	36	0.036	37.3	0.03	0.02	0.08	0.5	0.137	0.2	0.7	59	38.8
103H09	4039	9	535240	5932068	6	0	PTCg	1.33	17.2	0.169	0.33	2.1	0.6	51	0.025	65.0	0.06	0.03	0.07	0.2	0.141	0.3	0.2	72	47.5
103H09	4040	9	533545	5930799	6	0	PTCg	0.50	7.4	0.144	0.19	1.3	0.3	33	0.020	12.1	0.08	0.03	0.05	0.7	0.072	0.2	0.3	30	20.3
103H07	4042	9	512969	5924436	6	10	MKgd	0.05	1.3	0.274	0.15	0.8	0.1	13	0.013	105.4	0.02	0.02	0.04	0.4	0.060	0.2	0.3	60	44.6
103H07	4043	9	512969	5924436	6	20	MKgd	0.05	1.3	0.255	0.16	0.8	0.1	14	0.015	114.6	0.01	0.02	0.04	0.4	0.066	0.2	0.3	59	45.2
103H07	4044	9	511923	5923080	6	0	MKgd	0.05	1.0	0.175	0.07	0.5	0.1	5	0.011	26.4	0.02	0.02	0.02	0.7	0.053	0.2	0.2	57	23.3
103H07	4045	9	508551	5921363	6	0	MKgd	0.15	1.2	0.192	0.08	0.5	0.1	7	0.010	26.5	0.02	0.02	0.02	0.5	0.065	0.2	0.3	68	27.4

Analytical Data

									S T R E A M S E D I M E N T																
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg
								0.01 %	0.02 ppm	0.1 ppm	0.5 ppm	0.02 ppm	0.01 ppm	0.01 %	0.5 ppm	0.1 ppm	0.01 ppm	0.2 ppm	0.2 ppb	0.01 %	0.5 ppm	0.01 ppm	0.01 %	1 ppm	5 ppb
								ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
103H07	4046	9	507691	5920963	6	0	MKgdl	0.65	0.02	0.5	61.9	0.02	0.03	0.36	7.1	4.1	5.29	3.2	0.2	1.36	3.0	1.38	0.28	193	12
103H07	4047	9	501526	5921864	6	0	MKgdl	0.71	0.03	0.3	57.2	0.02	0.04	0.37	5.1	4.8	6.70	3.7	0.3	1.21	2.7	1.84	0.31	193	16
103H07	4048	9	500454	5923756	6	0	MKgdl	0.48	0.02	0.3	29.4	0.02	0.02	0.30	5.5	2.4	2.67	2.6	0.2	0.91	2.8	1.54	0.20	120	15
103H10	4049	9	502906	5931483	6	0	MKgdl	0.40	0.02	0.2	22.1	0.03	0.01	0.11	3.5	1.5	1.90	2.7	0.2	0.55	1.4	1.63	0.16	84	12
103H06	4050	9	496422	5926024	6	0	MKgdl	0.57	0.03	0.3	52.9	0.03	0.03	0.23	9.1	3.6	15.09	3.4	0.6	1.10	2.9	2.18	0.30	175	17
103H10	4051	9	506650	5930991	6	0	MKgdl	0.46	0.02	0.3	34.3	0.02	0.01	0.23	6.5	2.0	2.77	2.4	0.2	0.75	2.3	1.15	0.21	115	8
103H10	4052	9	508900	5930988	6	0	MKgdl	1.27	0.02	0.4	149.6	0.02	0.08	0.83	14.1	8.4	17.36	4.6	0.3	1.71	2.4	2.22	0.61	351	14
103H10	4053	9	510634	5933801	6	0	MKgdl	0.83	0.02	0.3	58.9	0.02	0.02	0.53	12.2	4.9	8.59	3.7	0.3	1.29	1.7	2.17	0.34	200	19
103H15	4054	9	522493	5962500	6	0	PTCg	1.14	0.02	0.2	40.0	0.03	0.03	0.67	13.6	7.7	16.58	6.0	0.2	2.26	4.9	2.99	0.51	429	23
103H15	4055	9	525110	5962127	6	0	PTCg	1.53	0.02	0.6	61.4	0.04	0.07	0.79	22.5	13.4	33.94	7.4	0.7	2.69	4.8	4.53	0.78	677	34
103H15	4056	9	526677	5956425	6	0	PTCg	0.85	0.02	0.5	116.3	0.03	0.02	0.66	10.3	7.5	26.38	3.7	0.2	1.70	3.2	1.47	0.46	222	13
103H15	4057	9	520440	5958820	6	0	PTCg	1.02	0.02	0.4	93.4	0.03	0.03	0.82	12.3	6.9	15.43	4.1	0.2	1.71	4.2	1.82	0.50	303	12
103H15	4059	9	517816	5957885	6	0	PTCg	0.64	0.02	0.3	71.1	0.02	0.03	0.57	9.0	5.3	12.45	2.8	0.3	1.25	2.9	1.42	0.33	236	18
103H10	4060	9	516266	5946139	6	0	KTgdl	1.32	0.02	0.5	116.0	0.03	0.06	0.61	18.0	13.3	31.19	4.8	0.8	1.91	1.1	1.91	0.59	584	37
103H09	4062	9	533811	5936302	6	0	PTCg	0.71	0.02	1.0	65.7	0.05	0.02	0.56	14.4	5.5	9.83	3.6	0.2	1.93	5.7	1.88	0.40	244	7
103H09	4064	9	535631	5934278	6	10	PTCg	0.99	0.02	0.8	180.2	0.37	0.02	0.51	16.2	9.0	20.72	4.3	0.2	1.90	2.4	1.40	0.72	318	6
103H09	4065	9	535631	5934278	6	20	PTCg	1.04	0.03	1.0	179.9	0.13	0.02	0.56	17.8	9.5	20.39	4.6	0.4	2.07	3.4	1.57	0.75	332	9
103H09	4066	9	534219	5932110	6	0	PTCg	0.94	0.02	0.6	100.1	0.02	0.06	0.45	22.6	9.2	34.47	3.3	0.2	1.52	0.8	0.89	0.56	174	7
103H09	4067	9	533918	5930169	6	0	PTCg	0.84	0.02	0.6	82.2	0.03	0.03	0.85	15.7	8.6	27.54	3.8	1.4	1.98	8.4	1.46	0.58	320	6
103H09	4068	9	536843	5931823	6	0	PTCg	1.68	0.02	0.8	228.9	0.04	0.18	0.54	23.6	11.0	28.79	5.9	1.0	2.73	1.9	2.27	0.86	328	23
103H09	4069	9	537857	5931079	6	0	PTCg	0.87	0.02	0.5	136.0	0.02	0.03	1.05	15.2	8.7	26.80	3.5	0.5	1.95	2.4	0.90	0.56	178	5
103H08	4070	9	539337	5927994	6	0	PTCg	1.24	0.03	0.8	244.0	0.02	0.05	0.50	19.7	12.3	28.22	5.1	0.6	2.26	2.0	1.62	0.79	379	16
103H08	4071	9	539310	5923416	6	0	KTgdl	1.10	0.02	0.6	141.6	0.02	0.05	0.64	16.2	9.2	23.98	4.1	1.0	1.88	3.4	1.51	0.63	276	25
103H08	4072	9	534312	5922037	6	0	PTCs	1.38	0.03	0.6	205.6	0.03	0.16	0.71	21.0	13.5	42.64	5.1	1.1	2.55	5.3	2.00	0.82	393	10
103H09	4073	9	537532	5931971	6	0	PTCg	1.34	0.02	0.9	148.6	0.04	0.05	0.37	26.2	11.4	26.20	5.5	0.2	2.45	2.1	2.25	0.80	415	27
103H08	4074	9	539960	5925589	6	0	PTCg	1.10	0.02	0.5	143.5	0.02	0.08	0.79	20.7	9.3	26.13	3.6	0.8	1.95	1.4	1.54	0.58	247	17
103H08	4075	9	538350	5922875	6	0	KTgdl	1.11	0.04	0.6	214.7	0.02	0.05	0.55	19.6	9.5	24.12	4.5	1.3	2.00	3.9	1.65	0.75	296	24
103H07	4076	9	532394	5925135	6	0	PTCg	0.96	0.02	0.9	80.5	0.03	0.08	0.92	19.4	8.7	23.08	4.0	0.8	1.80	8.4	1.84	0.60	290	8
103H07	4077	9	526945	5926757	6	0	PTCg	0.60	0.02	0.6	57.3	0.02	0.03	1.01	10.1	8.0	13.82	3.3	0.5	1.97	7.7	1.00	0.43	317	10
103H07	4078	9	525818	5927494	6	0	PTCg	0.89	0.02	0.5	81.2	0.04	0.08	1.23	12.1	10.2	12.16	4.2	0.2	2.52	9.4	1.43	0.61	646	13
103H07	4079	9	531979	5925143	6	0	PTCg	0.52	0.04	0.5	66.2	0.02	0.02	1.22	7.5	6.4	8.80	2.5	0.2	1.52	11.3	1.02	0.39	223	5
103H07	4080	9	528414	5925376	6	0	PTCg	0.54	0.02	0.4	65.2	0.02	0.02	0.89	6.5	7.8	9.54	3.0	0.2	1.98	4.5	1.30	0.40	236	5
103H15	4082	9	528176	5963061	6	0	PTCg	1.11	0.02	1.2	70.8	0.04	0.06	0.76	26.1	12.7	30.60	4.7	0.2	2.15	4.0	2.55	0.59	495	28
103H15	4083	9	530114	5960598	6	10	PTCg	1.02	0.03	0.3	161.5	0.02	0.04	0.90	14.6	8.3	13.56	5.3	0.4	2.51	7.5	1.98	0.64	382	16
103H15	4084	9	530114	5960598	6	20	PTCg	1.17	0.02	0.4	192.2	0.02	0.04	0.89	15.7	9.4	14.58	5.6	0.2	2.57	7.6	1.84	0.74	413	22
103H10	4085	9	530979	5950237	6	0	PTCg	0.79	0.02	0.3	86.8	0.02	0.03	0.67	12.0	5.7	14.53	3.7	0.2	1.37	3.5	1.54	0.46	253	5
103H10	4086	9	528187	5940070	6	0	PTCg	1.26	0.02	4.9	96.7	0.04	0.09	0.69	19.2	7.1	20.00	5.0	1.0	2.51	2.5	2.25	0.63	301	17
103H10	4087	9	524618	5937937	6	0	PTCg	0.65	0.02	0.2	52.2	0.04	0.06	0.46	20.7	6.9	14.47	3.0	0.2	1.39	1.5	1.49	0.42	253	12
103H10	4088	9	521894	5936257	6	0	PTCg	0.55	0.02	0.7	28.9	0.03	0.04	1.01	8.7	6.8	6.26	3.4	0.2	2.03	10.2	1.78	0.40	461	12
103H10	4090	9	524563	5935639	6	0	PTCg	0.86	0.02	0.6	95.9	0.04	0.06	0.64	21.4	11.3	24.99	3.7	0.2	1.77	2.8	2.02	0.58	412	23

Analytical Data

								S T R E A M S E D I M E N T																	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
								0.01 ppm	0.1 ppm	0.001 %	0.01 %	0.1 ppm	0.1 ppm	2 ppb	0.001 %	0.5 ppm	0.01 %	0.02 ppm	0.02 ppm	0.1 ppm	0.001 %	0.2 ppm	0.1 ppm	2 ppm	0.1 ppm
								ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
103H07	4046	9	507691	5920963	6	0	MKgd	0.23	3.1	0.113	0.14	1.0	0.2	12	0.020	19.8	0.02	0.02	0.04	0.7	0.083	0.2	0.3	39	25.8
103H07	4047	9	501526	5921864	6	0	MKgd	0.57	2.5	0.109	0.10	1.0	0.3	19	0.014	24.7	0.04	0.02	0.03	0.4	0.079	0.2	0.3	34	30.7
103H07	4048	9	500454	5923756	6	0	MKgd	0.19	2.5	0.093	0.08	0.8	0.1	7	0.014	16.4	0.02	0.02	0.02	0.6	0.054	0.2	0.2	26	18.6
103H10	4049	9	502906	5931483	6	0	MKqd	0.11	1.6	0.011	0.10	0.6	0.1	6	0.010	17.9	0.02	0.02	0.02	0.2	0.056	0.2	0.1	15	16.8
103H06	4050	9	496422	5926024	6	0	MKgd	0.78	4.7	0.087	0.18	1.1	0.3	31	0.010	10.2	0.03	0.02	0.06	0.8	0.083	0.2	3.9	31	29.0
103H10	4051	9	506650	5930991	6	0	MKqd	0.28	2.7	0.068	0.09	0.7	0.1	8	0.012	16.4	0.02	0.02	0.03	0.4	0.056	0.2	0.3	21	15.7
103H10	4052	9	508900	5930988	6	0	MKqd	0.90	7.8	0.206	0.40	1.3	0.4	38	0.021	49.1	0.02	0.02	0.09	0.7	0.132	0.2	0.4	48	41.1
103H10	4053	9	510634	5933801	6	0	MKqd	0.15	3.6	0.106	0.11	1.1	0.1	17	0.021	38.8	0.02	0.02	0.03	0.3	0.075	0.2	0.4	40	20.6
103H15	4054	9	522493	5962500	6	0	PTCg	0.49	6.5	0.184	0.11	1.7	0.1	31	0.013	45.5	0.04	0.02	0.03	1.2	0.094	0.2	0.8	64	34.7
103H15	4055	9	525110	5962127	6	0	PTCg	1.00	12.5	0.159	0.14	2.5	0.3	59	0.013	46.6	0.06	0.03	0.07	1.2	0.149	0.2	0.9	73	46.5
103H15	4056	9	526677	5956425	6	0	PTCg	0.79	6.4	0.224	0.23	1.2	0.3	28	0.019	24.9	0.03	0.03	0.07	0.8	0.115	0.2	0.8	48	26.6
103H15	4057	9	520440	5958820	6	0	PTCg	0.19	6.2	0.232	0.16	1.4	0.3	26	0.018	49.1	0.03	0.02	0.06	0.7	0.126	0.2	1.2	47	33.6
103H15	4059	9	517816	5957885	6	0	PTCg	0.66	4.8	0.201	0.14	1.1	0.2	25	0.016	22.8	0.03	0.02	0.04	0.5	0.085	0.2	0.5	37	23.6
103H10	4060	9	516266	5946139	6	0	KTgd	0.69	12.1	0.159	0.29	1.6	0.5	35	0.014	25.3	0.05	0.02	0.08	0.1	0.120	0.2	0.6	54	45.8
103H09	4062	9	533811	5936302	6	0	PTCg	0.31	4.2	0.199	0.24	1.2	0.1	28	0.013	17.2	0.03	0.02	0.07	10.3	0.091	0.2	2.7	55	29.9
103H09	4064	9	535631	5934278	6	10	PTCg	0.50	7.9	0.166	0.52	1.4	0.2	35	0.019	20.0	0.04	0.02	0.12	2.6	0.158	0.4	1.4	56	41.1
103H09	4065	9	535631	5934278	6	20	PTCg	2.26	9.0	0.188	0.53	1.6	0.3	32	0.021	23.4	0.04	0.02	0.12	3.4	0.160	0.5	1.6	61	42.1
103H09	4066	9	534219	5932110	6	0	PTCg	0.94	15.1	0.105	0.27	1.8	0.4	29	0.023	11.6	0.06	0.02	0.07	0.2	0.112	0.2	0.2	46	28.1
103H09	4067	9	533918	5930169	6	0	PTCg	3.16	12.3	0.285	0.25	1.7	0.2	26	0.027	22.1	0.05	0.02	0.07	2.4	0.112	0.2	0.8	43	33.9
103H09	4068	9	536843	5931823	6	0	PTCg	2.51	10.5	0.148	0.56	3.6	1.1	85	0.026	19.6	0.08	0.06	0.16	0.4	0.164	0.2	0.3	90	72.0
103H09	4069	9	537857	5931079	6	0	PTCg	0.38	8.3	0.422	0.31	1.5	0.2	41	0.032	31.1	0.05	0.02	0.06	0.2	0.108	0.2	0.2	62	31.5
103H08	4070	9	539337	5927994	6	0	PTCg	0.47	9.6	0.178	0.47	2.0	0.4	50	0.017	13.7	0.02	0.02	0.13	0.3	0.179	0.2	0.2	70	48.4
103H08	4071	9	539310	5923416	6	0	KTgd	0.72	8.7	0.173	0.31	1.6	0.4	42	0.034	23.1	0.03	0.02	0.09	0.9	0.141	0.5	0.5	53	36.9
103H08	4072	9	534312	5922037	6	0	PTCs	0.98	17.4	0.212	0.40	2.3	0.5	60	0.023	16.8	0.05	0.02	0.13	1.2	0.148	0.2	0.6	71	68.1
103H09	4073	9	537532	5931971	6	0	PTCg	1.40	12.2	0.090	0.35	2.9	0.8	28	0.018	17.5	0.04	0.02	0.09	0.5	0.147	0.2	0.7	69	47.0
103H08	4074	9	539960	5925589	6	0	PTCg	0.60	13.4	0.194	0.25	2.0	0.6	63	0.046	34.3	0.09	0.03	0.07	0.2	0.106	0.8	0.2	52	36.5
103H08	4075	9	538350	5922875	6	0	KTgd	0.80	10.0	0.187	0.41	1.9	0.2	45	0.013	10.4	0.03	0.02	0.11	1.2	0.149	0.3	0.6	57	45.8
103H07	4076	9	532394	5925135	6	0	PTCg	1.05	12.3	0.304	0.23	1.8	0.3	24	0.031	24.3	0.01	0.02	0.09	1.8	0.107	0.2	0.4	46	40.6
103H07	4077	9	526945	5926757	6	0	PTCg	0.37	7.2	0.422	0.15	1.4	0.1	14	0.020	19.8	0.02	0.02	0.04	0.8	0.089	0.2	0.3	42	24.2
103H07	4078	9	525818	5927494	6	0	PTCg	0.41	8.8	0.494	0.19	2.1	0.2	41	0.026	29.2	0.03	0.02	0.09	1.0	0.093	0.2	1.1	42	38.8
103H07	4079	9	531979	5925143	6	0	PTCg	0.43	6.5	0.510	0.22	1.2	0.1	9	0.021	28.3	0.01	0.02	0.04	1.7	0.082	0.2	0.3	30	16.8
103H07	4080	9	528414	5925376	6	0	PTCg	0.79	5.2	0.348	0.17	1.2	0.2	11	0.029	20.6	0.01	0.02	0.04	5.4	0.990	0.2	0.9	46	20.9
103H15	4082	9	528176	5963061	6	0	PTCg	1.28	15.5	0.161	0.11	2.1	0.5	40	0.018	36.1	0.04	0.03	0.05	1.2	0.120	0.2	1.6	56	35.2
103H15	4083	9	530114	5960598	6	10	PTCg	0.20	8.1	0.312	0.25	1.7	0.2	33	0.019	45.5	0.02	0.02	0.08	1.6	0.142	0.2	1.1	64	48.4
103H15	4084	9	530114	5960598	6	20	PTCg	0.19	8.6	0.294	0.31	1.9	0.2	28	0.022	49.9	0.01	0.02	0.10	1.3	0.140	0.2	1.0	65	52.9
103H10	4085	9	530979	5950237	6	0	PTCg	0.17	5.4	0.172	0.22	1.4	0.1	23	0.022	33.1	0.01	0.02	0.07	0.8	0.107	0.2	0.5	38	30.4
103H10	4086	9	528187	5940070	6	0	PTCg	1.40	9.7	0.167	0.19	2.3	0.6	41	0.025	34.2	0.03	0.02	0.08	0.4	0.121	0.2	0.5	63	54.7
103H10	4087	9	524618	5937937	6	0	PTCg	0.74	8.4	0.125	0.12	1.5	0.3	19	0.016	17.8	0.04	0.02	0.06	0.5	0.085	0.2	0.2	34	28.9
103H10	4088	9	521894	5936257	6	0	PTCg	0.72	5.4	0.390	0.10	1.5	0.2	9	0.028	22.6	0.02	0.02	0.06	5.4	0.080	0.2	0.7	38	28.5
103H10	4090	9	524563	5935639	6	0	PTCg	0.37	13.9	0.204	0.18	1.7	0.2	23	0.013	22.1	0.04	0.02	0.08	0.4	0.082	0.2	0.8	39	34.1

Analytical Data

								S T R E A M S E D I M E N T																			
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg		
								0.01 %	0.02 ppm	0.1 ppm	0.5 ppm	0.02 ppm	0.01 ppm	0.01 %	0.5 ppm	0.1 ppm	0.01 ppm	0.2 ppm	0.2 ppb	0.01 %	0.5 ppm	0.01 ppm	0.01 %	1 ppm	5 ppb		
								ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS		
103H10	4091	9	527079	5934682	6	0	PTCg	0.75	0.02	0.5	61.2	0.04	0.08	0.49	11.5	5.9	13.61	3.9	1.4	1.66	3.9	1.69	0.45	311	15		
103H10	4092	9	530182	5932591	6	0	PTCg	1.67	0.03	0.7	114.1	0.04	0.08	1.08	45.0	15.0	32.86	6.4	0.8	3.12	4.7	2.85	1.04	565	18		
103H10	4093	9	529962	5931579	6	0	PTCg	0.58	0.02	0.5	90.1	0.02	0.03	0.98	8.9	7.3	17.17	2.9	0.2	1.70	7.4	1.15	0.46	262	7		
103H07	4094	9	519413	5918372	6	0	MKgd	0.55	0.02	0.7	36.2	0.02	0.02	0.66	6.6	3.0	1.21	3.2	0.2	1.59	3.3	1.72	0.20	171	20		
103H07	4095	9	522968	5917619	6	0	MKgd	0.54	0.02	0.4	44.5	0.02	0.03	0.66	7.0	3.2	2.92	2.9	0.2	1.30	5.0	1.76	0.20	211	10		
103H07	4096	9	523318	5910993	6	0	MKgd	0.46	0.02	0.1	37.0	0.02	0.04	0.33	8.5	3.2	4.25	2.9	0.2	0.78	3.5	2.05	0.21	151	24		
103H07	4097	9	523020	5909986	6	0	MKgd	0.74	0.02	0.5	73.3	0.02	0.02	0.52	10.1	4.2	7.33	3.6	0.2	1.03	3.5	1.68	0.37	175	13		
103H07	4098	9	519301	5915263	6	0	MKgd	1.26	0.02	0.8	63.4	0.02	0.03	1.00	15.3	6.8	2.01	5.6	0.2	1.76	4.1	2.99	0.58	324	23		
103H07	4099	9	514697	5915054	6	0	MKgd	0.79	0.02	0.5	38.2	0.03	0.02	0.42	6.4	2.2	1.23	4.3	0.2	1.30	2.9	2.51	0.20	103	20		
103H07	4100	9	515345	5912726	6	0	MKgd	1.91	0.02	1.0	62.8	0.03	0.02	1.47	7.1	4.8	2.75	7.8	0.5	1.60	4.0	2.30	0.48	329	16		
103H15	4102	9	525929	5964714	6	0	PTCg	1.40	0.02	0.5	81.7	0.03	0.05	0.86	38.2	13.4	29.06	5.6	1.0	2.91	5.3	2.32	0.79	634	30		
103H15	4103	9	529637	5960937	6	0	PTCg	0.92	0.02	0.4	146.1	0.02	0.03	0.73	20.9	7.7	9.63	5.6	0.4	2.31	7.1	1.65	0.61	316	26		
103H10	4104	9	532154	5951957	6	0	PTCg	1.85	0.03	0.6	152.3	0.02	0.03	1.39	18.1	11.6	26.57	7.5	0.5	2.42	4.1	2.83	0.84	412	9		
103H10	4105	9	527122	5942138	6	10	PTCg	0.95	0.05	1.0	39.5	0.12	0.05	0.54	13.6	7.0	7.99	4.6	3.0	1.99	7.0	2.78	0.53	434	7		
103H10	4106	9	527122	5942138	6	20	PTCg	0.78	0.03	1.1	32.2	0.18	0.03	0.54	13.0	5.9	7.61	4.1	1.9	1.76	7.4	2.63	0.45	367	6		
103H10	4107	9	528811	5939349	6	0	KTgd	0.66	0.02	0.9	56.1	0.02	0.21	0.59	14.3	5.5	20.03	3.0	0.7	1.61	1.4	0.96	0.34	200	6		
103H10	4108	9	524119	5940105	6	0	PTCg	0.72	0.02	0.3	118.5	0.05	0.28	0.33	19.8	8.6	23.00	3.1	0.6	1.53	0.9	0.99	0.53	239	10		
103H10	4109	9	520821	5937526	6	0	PTCg	1.04	0.02	0.7	84.1	0.04	0.08	0.90	18.8	9.0	27.75	4.3	0.3	1.99	4.0	2.26	0.63	393	5		
103H10	4110	9	526780	5935709	6	0	PTCg	1.26	0.03	1.0	55.9	0.08	0.04	0.64	26.4	11.2	27.07	5.2	0.9	2.29	1.1	3.20	0.84	392	19		
103H10	4111	9	528456	5932558	6	0	PTCg	0.76	0.02	0.9	67.3	0.03	0.07	0.99	15.4	9.3	17.12	3.7	0.2	2.06	7.6	1.26	0.60	371	10		
103H10	4113	9	530373	5932385	6	0	PTCg	1.31	0.02	4.5	108.5	0.32	0.07	0.78	32.1	11.9	33.31	4.7	2.3	2.36	1.6	2.65	0.90	408	14		
103H07	4114	9	520680	5920692	6	0	MKgd	0.90	0.02	0.7	145.4	0.02	0.01	0.65	13.0	5.8	12.10	3.8	1.1	1.14	2.2	0.86	0.52	268	11		
103H07	4115	9	521947	5920424	6	0	MKgd	1.95	0.02	0.7	66.3	0.02	0.03	1.52	18.1	8.5	6.81	9.3	0.2	1.65	2.4	3.99	0.69	382	30		
103H07	4116	9	522803	5912837	6	0	MKgd	1.34	0.03	0.5	76.8	0.02	0.04	0.91	5.5	2.9	1.16	5.4	0.6	1.27	3.3	2.74	0.28	212	28		
103H07	4117	9	522469	5910435	6	0	MKgd	1.48	0.02	0.7	93.2	0.02	0.03	1.03	13.1	5.7	8.09	5.9	0.2	1.26	3.0	2.42	0.53	275	19		
103H07	4118	9	521391	5913927	6	0	MKgd	0.48	0.02	0.5	37.4	0.02	0.01	0.41	7.7	2.8	1.56	3.0	0.2	1.40	3.1	1.06	0.23	158	12		
103H07	4119	9	520076	5914165	6	0	MKgd	0.79	0.03	0.6	49.1	0.02	0.02	0.50	6.4	5.0	0.97	4.4	0.2	1.41	2.5	1.49	0.38	403	12		
103H07	4120	9	517436	5912576	6	0	MKgd	1.19	0.04	1.0	40.2	0.04	0.04	1.06	20.0	6.1	2.56	6.2	0.4	2.02	5.5	3.91	0.54	318	19		
103H07	4122	9	513787	5909719	6	10	MKgd	0.56	0.09	0.7	37.4	0.02	0.03	0.59	6.5	3.9	3.29	3.5	0.2	1.96	5.3	1.39	0.22	286	25		
103H07	4123	9	513787	5909719	6	20	MKgd	0.55	0.02	0.6	36.4	0.02	0.02	0.62	3.7	2.9	3.11	2.9	0.2	1.24	5.0	1.18	0.22	200	14		
103H07	4124	9	510912	5912706	6	0	MKgd	1.21	0.03	0.7	177.9	0.02	0.04	0.61	10.6	7.2	8.14	5.0	0.4	1.66	2.4	2.02	0.61	387	19		
103H07	4125	9	508115	5914530	6	0	OTrAs	0.87	0.02	0.6	134.7	0.02	0.03	0.57	8.1	6.0	7.22	4.0	0.2	1.63	4.0	1.58	0.52	320	14		
103H07	4127	9	513240	5919207	6	0	MKgd	0.40	0.02	0.4	23.8	0.02	0.02	0.28	3.5	1.7	1.04	2.8	0.2	1.05	3.3	1.34	0.15	88	26		
103H07	4128	9	516189	5917851	6	0	MKgd	0.30	0.02	0.5	20.3	0.03	0.03	0.27	9.0	2.1	0.79	3.0	0.2	2.07	2.9	1.21	0.15	100	14		
103H07	4129	9	505062	5914151	6	0	MKqd	0.82	0.04	0.5	43.8	0.04	0.04	0.26	9.2	5.3	8.71	4.4	1.0	1.32	2.2	5.14	0.47	231	37		
103H07	4130	9	502062	5911766	6	0	MKqd	0.67	0.02	0.4	38.5	0.02	0.04	0.38	7.4	3.9	3.42	3.3	0.5	1.04	2.7	2.39	0.36	181	17		
103H07	4131	9	502134	5907806	6	0	MKqd	0.87	0.02	0.7	41.3	0.02	0.04	0.67	5.0	6.5	11.21	4.4	0.2	1.63	4.1	2.42	0.33	460	22		
103H06	4132	9	494541	5908038	6	0	MKdn	0.84	0.02	0.4	57.5	0.02	0.05	0.28	18.4	9.6	13.40	4.3	0.2	1.61	2.7	1.83	0.48	302	41		
103H06	4133	9	491395	5907636	6	0	MKqd	1.19	0.91	2.4	114.4	0.05	0.11	0.43	16.9	16.8	22.37	6.2	0.6	3.65	15.2	8.04	0.66	1748	88		
103H06	4134	9	492110	5911364	6	0	MKdn	1.06	0.02	0.6	46.2	0.02	0.13	1.33	12.4	9.5	66.30	3.7	0.6	1.53	5.7	2.13	0.42	259	33		

Analytical Data

								S T R E A M S E D I M E N T																	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
								0.01 ppm	0.1 ppm	0.001 %	0.01 %	0.1 ppm	0.1 ppm	2 ppb	0.001 %	0.5 ppm	0.01 %	0.02 ppm	0.02 ppm	0.1 ppm	0.001 %	0.2 ppm	0.1 ppm	2 ppm	0.1 ppm
								ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
103H10	4091	9	527079	5934682	6	0	PTCg	0.91	6.1	0.148	0.15	1.7	0.3	20	0.017	15.5	0.03	0.02	0.06	0.8	0.103	0.2	0.3	39	36.5
103H10	4092	9	530182	5932591	6	0	PTCg	0.58	21.6	0.193	0.29	2.6	0.3	47	0.023	62.6	0.07	0.02	0.08	0.4	0.163	0.2	3.4	90	51.4
103H10	4093	9	529962	5931579	6	0	PTCg	0.51	7.9	0.402	0.25	1.3	0.1	16	0.018	23.3	0.03	0.02	0.05	1.6	0.093	0.2	0.4	34	24.1
103H07	4094	9	519413	5918372	6	0	MKgd	0.07	1.4	0.245	0.13	0.5	0.2	7	0.011	48.0	0.02	0.02	0.04	0.4	0.039	0.2	1.9	38	28.5
103H07	4095	9	522968	5917619	6	0	MKgd	0.07	1.9	0.198	0.11	0.8	0.1	13	0.011	43.4	0.01	0.02	0.03	1.3	0.046	0.2	1.3	28	25.3
103H07	4096	9	523318	5910993	6	0	MKgd	0.13	2.4	0.086	0.09	0.6	0.3	16	0.014	25.8	0.04	0.02	0.03	0.6	0.067	0.2	1.6	21	15.6
103H07	4097	9	523020	5909986	6	0	MKgd	0.11	4.2	0.128	0.19	1.0	0.1	12	0.017	39.2	0.01	0.02	0.05	0.7	0.084	0.2	0.4	28	23.3
103H07	4098	9	519301	5915263	6	0	MKgd	0.08	4.1	0.255	0.25	1.0	0.1	13	0.029	92.1	0.02	0.02	0.08	0.6	0.063	0.2	0.9	39	56.8
103H07	4099	9	514697	5915054	6	0	MKgd	0.07	1.4	0.116	0.11	0.4	0.4	18	0.016	51.5	0.03	0.02	0.04	0.3	0.049	0.2	0.3	32	24.5
103H07	4100	9	515345	5912726	6	0	MKgd	0.05	2.4	0.237	0.37	0.9	0.1	33	0.020	131.3	0.02	0.02	0.11	0.8	0.074	0.2	3.4	42	61.0
103H15	4102	9	525929	5964714	6	0	PTCg	0.79	18.0	0.193	0.13	2.8	0.3	44	0.025	47.5	0.05	0.02	0.05	1.4	0.125	0.2	8.1	84	50.6
103H15	4103	9	529637	5960937	6	0	PTCg	0.23	8.4	0.252	0.30	1.6	0.2	45	0.017	38.9	0.03	0.02	0.09	1.3	0.148	0.2	0.7	62	48.1
103H10	4104	9	532154	5951957	6	0	PTCg	0.32	9.7	0.231	0.32	1.9	0.2	49	0.020	98.3	0.05	0.02	0.07	1.0	0.145	0.2	1.2	68	49.5
103H10	4105	9	527122	5942138	6	10	PTCg	0.71	6.3	0.134	0.17	1.9	0.2	40	0.016	30.2	0.02	0.03	0.08	3.2	0.094	0.4	4.9	51	47.8
103H10	4106	9	527122	5942138	6	20	PTCg	0.59	5.3	0.153	0.15	1.7	0.1	56	0.016	24.5	0.02	0.04	0.06	3.3	0.084	0.4	4.1	46	40.8
103H10	4107	9	528811	5939349	6	0	KTgd	0.67	7.1	0.170	0.15	1.2	0.5	36	0.019	23.4	0.04	0.02	0.04	0.3	0.085	0.2	1.1	48	38.5
103H10	4108	9	524119	5940105	6	0	PTCg	1.56	10.6	0.091	0.31	1.5	0.8	58	0.012	6.1	0.12	0.02	0.10	0.5	0.106	0.2	0.1	39	43.2
103H10	4109	9	520821	5937526	6	0	PTCg	0.66	12.1	0.235	0.19	2.3	0.3	27	0.030	36.3	0.08	0.02	0.06	0.6	0.115	0.2	0.3	45	45.5
103H10	4110	9	526780	5935709	6	0	PTCg	0.51	11.6	0.157	0.14	2.6	0.5	53	0.013	31.4	0.12	0.03	0.04	0.3	0.126	0.2	0.2	64	45.1
103H10	4111	9	528456	5932558	6	0	PTCg	0.50	10.9	0.412	0.19	2.1	0.2	30	0.019	18.9	0.04	0.02	0.07	1.4	0.101	0.2	0.6	45	34.6
103H10	4113	9	530373	5932385	6	0	PTCg	0.86	17.1	0.230	0.34	2.7	0.4	105	0.024	25.8	0.05	0.14	0.09	0.4	0.135	9.4	0.6	76	47.2
103H07	4114	9	520680	5920692	6	0	MKgd	0.06	5.4	0.218	0.44	0.9	0.1	19	0.015	47.5	0.02	0.02	0.09	0.5	0.103	0.2	0.3	34	37.2
103H07	4115	9	521947	5920424	6	0	MKgd	0.10	6.3	0.244	0.18	1.2	0.1	25	0.017	153.1	0.02	0.02	0.04	0.3	0.117	0.2	0.4	42	46.7
103H07	4116	9	522803	5912837	6	0	MKgd	0.06	1.9	0.120	0.20	0.6	0.2	19	0.011	96.9	0.03	0.02	0.06	0.6	0.058	0.2	0.7	27	38.3
103H07	4117	9	522469	5910435	6	0	MKgd	0.05	5.0	0.202	0.32	1.0	0.2	23	0.019	87.0	0.02	0.02	0.07	0.6	0.980	0.2	0.9	35	38.3
103H07	4118	9	521391	5913927	6	0	MKgd	0.05	1.8	0.136	0.10	0.6	0.1	8	0.011	31.8	0.02	0.02	0.02	0.5	0.056	0.2	0.2	38	25.7
103H07	4119	9	520076	5914165	6	0	MKgd	0.07	2.5	0.138	0.17	0.8	0.2	9	0.013	61.5	0.02	0.02	0.06	0.4	0.068	0.2	0.5	34	42.7
103H07	4120	9	517436	5912576	6	0	MKgd	0.06	4.9	0.251	0.18	1.1	0.2	19	0.018	80.6	0.02	0.02	0.05	1.2	0.087	0.2	0.9	51	45.2
103H07	4122	9	513787	5909719	6	10	MKgd	0.07	1.6	0.213	0.10	0.5	0.3	13	0.012	42.2	0.02	0.02	0.03	0.7	0.051	0.2	1.3	50	29.7
103H07	4123	9	513787	5909719	6	20	MKgd	0.05	1.3	0.218	0.10	0.5	0.2	11	0.014	45.2	0.01	0.02	0.03	0.6	0.043	0.2	0.9	32	26.3
103H07	4124	9	510912	5912706	6	0	MKgd	0.04	4.6	0.188	0.37	1.1	0.1	28	0.018	72.6	0.01	0.02	0.09	0.3	0.109	0.2	0.7	44	44.0
103H07	4125	9	508115	5914530	6	0	OTrAs	0.04	3.3	0.206	0.35	1.1	0.1	15	0.017	30.9	0.02	0.02	0.08	0.9	0.111	0.2	0.8	44	38.4
103H07	4127	9	513240	5919207	6	0	MKgd	0.14	1.0	0.980	0.05	0.4	0.2	21	0.010	21.8	0.03	0.02	0.02	0.3	0.054	0.2	0.8	27	18.2
103H07	4128	9	516189	5917851	6	0	MKgd	0.08	1.3	0.101	0.06	0.4	0.2	7	0.008	18.9	0.03	0.02	0.02	0.3	0.045	0.2	0.3	54	21.7
103H07	4129	9	505062	5914151	6	0	MKgd	0.69	3.9	0.028	0.16	1.2	0.5	18	0.015	21.3	0.04	0.02	0.04	0.4	0.122	0.2	0.2	40	28.1
103H07	4130	9	502062	5911766	6	0	MKgd	0.10	2.4	0.073	0.09	1.1	0.3	13	0.016	24.8	0.02	0.02	0.02	0.4	0.086	0.2	0.2	30	21.7
103H07	4131	9	502134	5907806	6	0	MKgd	0.38	2.3	0.150	0.11	1.0	0.2	21	0.018	48.9	0.03	0.02	0.03	0.4	0.080	0.2	0.3	44	33.3
103H06	4132	9	494541	5908038	6	0	MKdn	0.55	10.7	0.063	0.10	1.0	0.3	27	0.021	16.5	0.04	0.02	0.03	0.3	0.106	0.2	0.2	46	22.9
103H06	4133	9	491395	5907636	6	0	MKgd	4.11	10.1	0.119	0.22	3.0	0.2	72	0.018	21.2	0.07	0.02	0.10	3.6	0.102	0.2	0.7	68	72.3
103H06	4134	9	492110	5911364	6	0	MKdn	0.19	9.3	0.319	0.05	1.3	0.6	55	0.058	91.7	0.09	0.02	0.02	0.2	0.043	0.2	0.4	38	35.7

Analytical Data

								S T R E A M S E D I M E N T																			
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg		
								0.01 %	0.02 ppm	0.1 ppm	0.5 ppm	0.02 ppm	0.01 ppm	0.01 %	ppm	ppm	ppm	ppm	ppb	0.01 %	ppm	ppm	0.01 %	ppm	ppb		
								ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS		
103H06	4135	9	493272	5911102	6	0	MKdn	2.06	0.03	0.5	83.7	0.02	0.14	0.86	7.7	4.4	8.31	5.1	0.3	1.09	4.8	2.60	0.34	296	59		
103H06	4136	9	496922	5913165	6	0	MKqd	0.65	0.02	0.2	46.5	0.02	0.03	0.31	10.1	4.1	2.43	4.2	0.9	1.37	3.0	2.33	0.40	198	21		
103H06	4137	9	496378	5913547	6	0	MKqd	0.41	0.02	0.1	21.0	0.02	0.01	0.32	7.3	2.1	2.40	2.9	0.2	0.97	2.8	2.01	0.20	109	14		
103H06	4138	9	494441	5913709	6	0	MKqd	1.14	0.02	0.2	35.1	0.02	0.04	0.70	11.7	4.4	11.08	5.9	0.3	1.63	4.2	2.60	0.35	146	39		
103H06	4139	9	497307	5915795	6	0	MKqd	0.80	0.03	0.4	124.2	0.02	0.02	0.19	10.4	4.9	6.29	5.0	0.5	1.45	1.2	2.39	0.47	177	23		
103H15	4140	9	519738	5963876	6	0	ETqd	1.31	0.02	0.5	51.3	0.03	0.04	0.55	17.8	9.3	16.18	8.4	0.5	2.67	3.2	3.57	0.67	493	57		
103H07	4142	9	515172	5910708	6	0	MKgd	0.38	0.02	0.2	22.8	0.02	0.02	0.22	4.3	2.2	1.37	3.0	0.2	1.03	2.5	1.75	0.17	118	29		
103H07	4143	9	512769	5912999	6	0	MKgd	0.59	0.02	0.3	30.2	0.04	0.03	0.17	6.3	2.3	1.63	4.2	0.3	1.20	3.1	2.68	0.23	110	41		
103H07	4144	9	509225	5911406	6	0	MKgd	0.69	0.02	0.2	55.4	0.02	0.02	0.18	6.2	2.1	6.21	5.0	0.3	0.74	2.1	1.92	0.25	102	31		
103H07	4145	9	510235	5916776	6	10	MKgd	0.46	0.04	0.5	33.3	0.02	0.01	0.31	6.6	2.7	0.93	3.5	0.2	1.48	3.2	1.08	0.22	144	11		
103H07	4146	9	510235	5916776	6	20	MKgd	0.64	0.03	0.5	46.8	0.02	0.01	0.36	6.1	3.4	1.31	4.3	0.3	1.42	2.8	1.82	0.27	211	23		
103H07	4147	9	513661	5919132	6	0	MKgd	0.58	0.02	0.4	33.6	0.02	0.02	0.25	3.8	2.5	0.96	3.9	0.2	1.41	2.0	2.29	0.23	145	30		
103H07	4148	9	516230	5918938	6	0	MKgd	0.47	0.02	0.5	27.5	0.02	0.02	0.24	4.4	1.8	0.67	3.8	0.2	1.40	2.6	1.32	0.15	89	25		
103H07	4149	9	504710	5916921	6	0	OTrAs	0.58	0.03	1.2	35.5	0.04	0.09	0.40	7.3	7.5	20.21	2.6	0.5	1.38	4.2	2.22	0.26	277	29		
103H07	4150	9	504640	5911699	6	0	MKgd	0.83	0.03	0.5	48.7	0.02	0.02	0.39	8.6	4.1	4.05	4.3	0.8	1.21	2.5	2.59	0.36	209	21		
103H07	4151	9	504228	5909928	6	0	MKgd	0.27	0.04	0.1	16.4	0.02	0.01	0.08	2.8	1.2	1.15	2.9	0.4	0.58	1.2	1.54	0.13	61	30		
103H06	4152	9	497310	5909726	6	0	MKqd	0.25	0.02	0.2	32.1	0.02	0.02	0.11	7.1	1.6	1.26	2.6	0.8	0.56	1.0	2.08	0.16	61	25		
103H06	4153	9	493002	5907492	6	0	MKdn	1.21	0.03	0.8	86.7	0.02	0.04	0.78	26.9	13.2	27.16	4.7	0.7	2.48	6.7	2.23	0.81	492	23		
103H06	4154	9	491158	5911340	6	0	MKdn	0.80	0.04	0.6	50.2	0.02	0.05	0.61	12.9	7.9	16.60	4.7	0.3	2.43	11.1	3.27	0.44	408	24		
103H06	4155	9	492668	5912318	6	0	MKd	0.86	0.02	0.3	22.3	0.02	0.02	0.35	9.9	2.3	5.26	5.3	0.3	0.90	2.4	2.57	0.24	90	39		
103H06	4156	9	494298	5911931	6	0	MKqd	1.32	0.02	0.3	34.9	0.02	0.02	1.07	10.4	4.9	5.22	5.0	0.4	1.56	4.3	2.09	0.42	208	13		
103H06	4157	9	497789	5913192	6	0	MKqd	0.38	0.02	0.2	28.2	0.02	0.01	0.20	7.1	2.2	1.68	2.5	0.4	0.88	2.2	1.99	0.21	106	13		
103H06	4158	9	495180	5916064	6	0	MKqd	0.58	0.02	0.2	75.8	0.02	0.02	0.18	7.9	3.5	2.31	3.9	0.2	0.99	1.6	1.96	0.39	141	11		
103H15	4160	9	514616	5960183	6	0	KTgd	1.19	0.04	0.6	40.0	0.05	0.06	0.33	17.2	9.7	10.58	7.4	0.2	2.07	2.4	4.78	0.51	479	58		
103H10	4162	9	515791	5954730	6	0	KTgd	0.99	0.02	0.7	85.8	0.03	0.04	0.55	19.9	8.8	27.87	4.5	1.0	1.83	2.8	3.38	0.57	349	21		
103H10	4163	9	513395	5938916	6	10	PTCg	1.52	0.02	0.9	199.7	0.04	0.09	0.72	44.0	11.4	31.98	5.5	0.7	2.57	0.7	5.07	0.93	444	10		
103H10	4164	9	513395	5938916	6	20	PTCg	1.61	0.02	1.0	222.1	0.03	0.11	0.72	46.8	11.9	32.14	5.6	1.0	2.62	0.7	5.30	0.98	447	8		
103H10	4165	9	515620	5937391	6	0	PTCg	1.09	0.02	0.9	97.3	0.04	0.08	0.78	27.1	12.0	25.65	4.4	0.8	2.28	3.2	2.96	0.67	416	13		
103H10	4166	9	518112	5934052	6	0	PTCg	0.38	0.02	0.2	22.9	0.02	0.02	0.51	8.2	3.6	5.73	2.7	0.6	1.15	5.1	4.13	0.24	217	18		
103H10	4167	9	519820	5930681	6	0	PTCg	0.64	0.02	0.3	51.3	0.02	0.02	0.87	7.6	6.9	13.26	3.4	0.2	1.57	4.0	1.17	0.39	230	7		
103H10	4168	9	523921	5928469	6	0	PTCg	0.46	0.02	0.3	46.8	0.02	0.02	0.72	4.6	5.0	4.85	2.9	1.2	1.46	4.4	1.26	0.34	234	5		
103H07	4169	9	516572	5925996	6	0	MKqd	1.15	0.02	0.2	158.0	0.02	0.04	0.74	7.2	6.5	8.37	5.1	0.4	1.53	2.3	2.21	0.55	351	23		
103H07	4170	9	518477	5923065	6	0	MKqd	0.47	0.02	0.7	75.1	0.02	0.01	0.62	6.8	2.9	2.91	2.6	0.2	1.05	2.7	0.81	0.26	163	9		
103H07	4171	9	514319	5923661	6	0	MKgd	0.93	0.05	0.6	67.3	0.03	0.03	0.45	3.5	3.0	1.46	4.7	0.2	1.93	2.5	1.91	0.21	230	48		
103H07	4172	9	511204	5925041	6	0	MKgd	0.58	0.02	0.6	54.3	0.02	0.02	0.49	4.6	3.1	1.80	3.9	0.2	2.01	2.7	1.50	0.24	219	14		
103H07	4173	9	502003	5919498	6	0	MKgd	0.26	0.07	0.7	18.6	0.02	0.02	0.39	7.3	2.2	1.27	2.2	0.2	1.81	3.5	0.60	0.11	117	5		
103H07	4175	9	504075	5923478	6	0	MKgd	0.75	0.04	0.3	68.6	0.02	0.02	0.26	4.8	3.7	3.93	5.1	0.2	1.65	2.6	2.23	0.43	195	15		
103H07	4176	9	500094	5926493	6	0	MKgd	0.45	0.04	0.3	30.4	0.03	0.02	0.15	4.7	2.6	3.21	3.6	0.2	0.98	1.8	2.00	0.23	119	16		
103H11	4177	9	497143	5928841	6	0	MKgd	0.43	0.02	0.1	31.5	0.04	0.03	0.09	3.6	2.0	3.01	2.9	0.2	0.94	2.4	2.83	0.23	129	21		
103H06	4178	9	496692	5923010	6	0	MKqd	0.86	0.04	3.0	108.8	0.03	0.19	0.23	25.5	6.7	16.23	4.5	0.2	1.55	2.8	2.57	0.57	174	15		

Analytical Data

									S T R E A M S E D I M E N T																	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM		Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
									0.01 ppm	0.1 ppm	0.001 %	0.01 %	0.1 ppm	0.1 ppm	2 ppb	0.001 %	0.5 ppm	0.01 %	0.02 ppm	0.02 ppm	0.1 ppm	0.001 %	0.2 ppm	0.1 ppm	2 ppm	0.1 ppm
									ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
103H06	4135	9	493272	5911102	6	0	MKdn		0.20	2.4	0.165	0.11	1.4	1.7	24	0.064	134.4	0.05	0.02	0.03	0.1	0.058	0.2	0.4	30	27.2
103H06	4136	9	496922	5913165	6	0	MKqd		0.10	2.5	0.029	0.08	1.1	0.2	15	0.020	31.1	0.02	0.02	0.02	0.2	0.125	0.2	0.1	43	25.0
103H06	4137	9	496378	5913547	6	0	MKqd		0.09	1.4	0.087	0.04	0.8	0.1	8	0.019	20.0	0.01	0.02	0.02	0.2	0.086	0.2	0.1	35	13.9
103H06	4138	9	494441	5913709	6	0	MKqd		0.07	2.7	0.173	0.05	1.2	0.4	27	0.052	83.4	0.03	0.02	0.02	0.1	0.068	0.2	0.1	50	23.6
103H06	4139	9	497307	5915795	6	0	MKqd		0.14	3.6	0.036	0.21	0.9	0.3	20	0.018	13.1	0.02	0.02	0.04	0.1	0.130	0.2	0.4	44	27.0
103H15	4140	9	519738	5963876	6	0	ETqd		1.24	8.4	0.132	0.09	1.8	0.2	50	0.018	49.9	0.04	0.02	0.03	0.4	0.141	0.2	0.4	73	37.7
103H07	4142	9	515172	5910708	6	0	MKgd		0.09	1.5	0.067	0.10	0.3	0.1	11	0.013	26.7	0.03	0.02	0.02	0.2	0.058	0.2	0.3	29	20.5
103H07	4143	9	512769	5912999	6	0	MKgd		0.10	2.1	0.056	0.08	0.5	0.4	20	0.009	22.6	0.04	0.02	0.03	0.3	0.051	0.2	1.0	29	23.4
103H07	4144	9	509225	5911406	6	0	MKgd		1.43	2.4	0.039	0.13	0.6	0.2	18	0.015	46.3	0.04	0.02	0.03	0.2	0.070	0.2	0.3	20	19.8
103H07	4145	9	510235	5916776	6	10	MKgd		0.07	1.5	0.124	0.10	0.5	0.1	7	0.007	21.0	0.01	0.02	0.03	0.4	0.049	0.2	0.5	38	30.5
103H07	4146	9	510235	5916776	6	20	MKgd		0.09	2.1	0.126	0.13	0.6	0.2	16	0.011	32.8	0.02	0.02	0.04	0.3	0.054	0.2	1.2	35	35.8
103H07	4147	9	513661	5919132	6	0	MKgd		0.08	1.3	0.078	0.15	0.5	0.4	20	0.008	28.2	0.03	0.02	0.04	0.2	0.039	0.2	1.1	31	28.0
103H07	4148	9	516230	5918938	6	0	MKgd		0.09	0.9	0.101	0.08	0.4	0.2	13	0.009	26.3	0.03	0.02	0.02	0.2	0.047	0.2	0.5	37	20.5
103H07	4149	9	504710	5916921	6	0	OTrAs		0.85	4.1	0.152	0.09	1.1	0.5	44	0.014	11.6	0.06	0.03	0.06	1.0	0.052	0.2	0.9	31	25.5
103H07	4150	9	504640	5911699	6	0	MKgd		0.15	3.4	0.090	0.14	1.3	0.2	16	0.019	27.9	0.03	0.02	0.04	0.4	0.092	0.2	0.2	35	29.3
103H07	4151	9	504228	5909928	6	0	MKgd		0.09	1.1	0.022	0.06	0.3	0.2	11	0.007	8.0	0.04	0.02	0.02	0.1	0.050	0.2	0.1	17	15.0
103H06	4152	9	497310	5909726	6	0	MKqd		0.11	2.1	0.011	0.06	0.5	0.1	7	0.014	13.1	0.01	0.02	0.02	0.1	0.064	0.2	0.1	16	9.5
103H06	4153	9	493002	5907492	6	0	MKdn		0.78	17.5	0.224	0.18	2.2	0.1	21	0.040	50.1	0.04	0.02	0.05	1.9	0.113	0.2	0.6	65	43.0
103H06	4154	9	491158	5911340	6	0	MKdn		1.34	7.8	0.186	0.10	1.6	0.1	18	0.034	33.0	0.04	0.02	0.03	2.8	0.076	0.2	0.3	54	41.1
103H06	4155	9	492668	5912318	6	0	MKd		0.11	2.7	0.074	0.03	1.1	0.3	18	0.030	44.0	0.05	0.02	0.02	0.1	0.069	0.2	0.1	28	15.7
103H06	4156	9	494298	5911931	6	0	MKqd		0.14	2.7	0.206	0.05	1.3	0.1	9	0.069	137.8	0.02	0.02	0.02	0.2	0.086	0.2	0.1	47	24.8
103H06	4157	9	497789	5913192	6	0	MKqd		0.09	1.5	0.025	0.06	0.6	0.1	9	0.013	19.5	0.02	0.02	0.02	4.4	0.091	0.2	1.5	29	15.2
103H06	4158	9	495180	5916064	6	0	MKqd		0.09	2.4	0.022	0.18	0.8	0.2	6	0.017	13.7	0.02	0.02	0.03	0.3	0.109	0.2	0.1	32	23.2
103H15	4160	9	514616	5960183	6	0	KTgd		5.59	7.6	0.058	0.09	1.4	0.3	47	0.014	34.4	0.06	0.02	0.02	0.3	0.104	0.2	0.3	55	33.8
103H10	4162	9	515791	5954730	6	0	KTgd		2.64	10.5	0.158	0.23	1.8	0.3	37	0.013	52.3	0.05	0.03	0.07	0.7	0.093	0.7	0.7	50	39.5
103H10	4163	9	513395	5938916	6	10	PTCg		0.51	15.2	0.155	0.41	3.7	0.3	52	0.029	32.6	0.06	0.02	0.13	0.2	0.152	0.4	0.2	88	61.5
103H10	4164	9	513395	5938916	6	20	PTCg		0.59	16.0	0.153	0.48	3.9	0.4	59	0.033	31.3	0.05	0.02	0.14	0.2	0.154	0.8	0.2	92	66.1
103H10	4165	9	515620	5937391	6	0	PTCg		0.79	14.4	0.203	0.19	2.3	0.3	32	0.029	34.9	0.04	0.02	0.08	1.1	0.108	0.2	0.4	61	41.8
103H10	4166	9	518112	5934052	6	0	PTCg		1.77	4.5	0.227	0.09	0.9	0.2	8	0.017	11.9	0.07	0.02	0.03	1.3	0.072	0.2	0.4	27	15.8
103H10	4167	9	519820	5930681	6	0	PTCg		0.39	7.0	0.337	0.18	1.5	0.1	10	0.025	34.4	0.09	0.02	0.04	1.1	0.084	0.2	0.6	35	21.8
103H10	4168	9	523921	5928469	6	0	PTCg		0.20	3.9	0.254	0.15	1.3	0.1	9	0.018	15.8	0.09	0.02	0.04	1.1	0.083	0.2	0.3	30	21.1
103H07	4169	9	516572	5925996	6	0	MKqd		0.09	4.3	0.145	0.43	1.3	0.2	26	0.020	64.7	0.05	0.02	0.08	0.4	0.100	0.2	0.8	36	40.9
103H07	4170	9	518477	5923065	6	0	MKqd		0.09	2.2	0.203	0.19	0.8	0.3	10	0.015	32.0	0.01	0.02	0.03	0.4	0.065	0.2	0.7	28	21.6
103H07	4171	9	514319	5923661	6	0	MKgd		0.08	1.2	0.154	0.13	0.7	0.4	28	0.012	41.1	0.02	0.02	0.04	0.1	0.061	0.2	0.3	42	27.6
103H07	4172	9	511204	5925041	6	0	MKgd		0.10	1.8	0.126	0.11	0.6	0.1	16	0.013	38.9	0.02	0.02	0.04	0.4	0.061	0.2	0.9	49	31.5
103H07	4173	9	502003	5919498	6	0	MKgd		0.08	1.2	0.123	0.06	0.6	0.1	7	0.011	16.1	0.01	0.02	0.02	0.6	0.047	0.2	0.3	46	15.8
103H07	4175	9	504075	5923478	6	0	MKgd		0.24	2.7	0.024	0.18	0.9	0.1	9	0.018	58.2	0.01	0.02	0.04	0.3	0.120	0.2	0.2	42	36.6
103H07	4176	9	500094	5926493	6	0	MKgd		0.11	2.7	0.053	0.14	0.6	0.1	14	0.012	13.4	0.03	0.02	0.02	0.2	0.060	0.2	0.4	26	27.5
103H11	4177	9	497143	5928841	6	0	MKgd		0.63	1.9	0.015	0.12	0.6	0.3	14	0.006	11.7	0.05	0.02	0.03	0.4	0.073	0.2	0.5	23	20.3
103H06	4178	9	496692	5923010	6	0	MKqd		3.32	16.8	0.062	0.29	1.1	1.4	45	0.015	23.4	0.10	0.02	0.10	0.8	0.101	0.2	0.5	48	59.7

Analytical Data

								S T R E A M S E D I M E N T																			
								Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg		
								0.01	0.02	0.1	0.5	0.02	0.01	0.01	0.5	0.1	0.01	0.2	0.2	0.01	0.5	0.01	0.01	1	5		
								%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	%	ppm	ppm	%	ppm	ppb		
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS			
	103H06 4179	9	496406	5917918	6	0	MKqd	0.60	0.02	0.4	63.1	0.02	0.03	0.20	7.1	3.0	3.64	3.1	0.2	0.91	2.0	1.91	0.30	143	13		
	103H06 4180	9	496512	5919293	6	0	MKqd	0.84	0.04	0.6	106.6	0.04	0.03	0.13	9.4	4.7	8.09	4.3	0.2	1.22	1.2	5.56	0.42	142	59		
	103H15 4183	9	521402	5966787	6	0	PTCg	1.04	0.10	1.3	64.9	0.04	0.04	0.34	9.5	6.3	8.54	3.9	0.2	1.47	4.3	2.77	0.27	405	40		
	103H15 4184	9	517947	5962278	6	0	ETgd	0.40	0.02	0.3	26.5	0.02	0.04	0.17	6.6	0.9	1.61	2.6	0.2	0.36	1.8	3.59	0.08	48	76		
	103H10 4185	9	511840	5941282	6	10	PTCg	1.89	0.04	2.7	206.4	0.08	0.19	0.95	81.9	13.3	47.30	6.0	0.5	2.86	0.9	3.00	1.10	568	20		
	103H10 4186	9	511840	5941282	6	20	PTCg	1.78	0.02	3.9	195.6	0.07	0.19	0.95	82.2	13.3	41.52	5.5	0.6	2.75	0.9	3.08	1.04	542	16		
	103H10 4187	9	517209	5937132	6	0	PTCg	1.24	0.02	0.7	72.3	0.05	0.07	0.94	15.1	11.1	47.29	4.2	0.8	1.57	2.3	2.90	0.54	325	18		
	103H10 4188	9	517023	5934522	6	0	PTCg	0.46	0.16	0.2	25.7	0.10	0.05	0.28	9.5	11.1	7.40	5.1	0.4	1.77	9.6	6.44	0.20	1137	70		
	103H10 4189	9	519402	5931982	6	0	PTCg	0.84	0.04	0.6	29.5	0.04	0.03	0.75	12.0	6.6	15.00	4.7	1.3	1.65	3.9	2.31	0.45	330	17		
	103H10 4190	9	522715	5928369	6	0	PTCg	0.86	0.02	0.9	43.6	0.04	0.02	1.10	14.9	6.8	11.17	4.6	0.4	2.08	3.0	2.36	0.47	286	11		
	103H10 4191	9	514895	5929372	6	0	MKqd	0.54	0.02	0.2	61.2	0.03	0.03	0.56	8.0	7.2	15.32	2.6	0.7	1.07	1.3	1.02	0.33	144	11		
	103H07 4192	9	522372	5924795	6	0	MKqd	1.47	0.10	3.0	219.5	0.10	0.22	0.74	29.2	11.4	21.63	6.8	0.4	2.23	3.6	5.74	0.74	445	37		
	103H06 4193	9	494167	5918954	6	0	MKqd	0.70	0.05	0.3	83.0	0.05	0.05	0.20	7.3	3.2	5.13	4.4	0.5	1.07	1.7	4.36	0.30	108	73		
	103H10 4194	9	505196	5931181	6	0	MKqd	0.55	0.02	0.6	42.3	0.02	0.03	0.42	7.6	2.7	4.53	3.1	0.2	1.14	3.6	1.49	0.23	155	9		
	103H10 4195	9	510093	5929903	6	0	MKqd	0.55	0.04	0.6	54.3	0.02	0.02	0.47	3.8	2.8	2.19	3.0	0.2	0.97	2.6	1.37	0.24	143	10		
	103H10 4196	9	510629	5929933	6	0	MKqd	0.69	0.02	0.3	75.3	0.02	0.03	0.58	8.9	6.6	9.30	4.0	0.2	1.32	2.8	1.99	0.37	280	11		
	103H15 4197	9	522464	5961636	6	0	PTCg	1.73	0.02	0.4	103.1	0.03	0.04	1.33	15.2	8.7	28.96	7.7	0.4	2.07	4.5	3.34	0.75	385	7		
	103H15 4198	9	526480	5958655	6	0	PTCg	1.22	0.02	0.7	156.9	0.05	0.05	1.20	25.2	12.2	28.20	7.0	0.5	2.80	8.9	2.93	0.73	362	13		
	103H15 4199	9	527016	5956549	6	0	PTCg	1.18	0.02	0.5	179.9	0.03	0.03	1.36	13.5	10.5	24.08	5.4	0.2	2.81	5.4	2.06	0.74	385	21		
	103H15 4200	9	519115	5957951	6	0	PTCg	0.52	0.02	0.4	78.1	0.02	0.02	0.70	10.0	5.0	11.64	3.2	0.2	1.64	3.5	0.98	0.36	185	7		
	103H10 4202	9	520580	5943565	6	0	KTgd	0.99	0.02	1.0	97.8	0.03	0.08	0.71	20.7	10.4	33.78	3.9	0.5	2.05	1.1	1.46	0.63	335	22		
	103H10 4203	9	517978	5943296	6	0	PTCg	1.51	0.02	0.4	259.4	0.05	0.59	0.76	53.5	15.1	59.66	4.8	1.0	2.22	0.6	2.69	0.91	366	12		
	103H10 4204	9	519024	5941864	6	10	PTCg	0.72	0.02	0.9	70.0	0.02	0.09	0.71	17.9	6.5	28.56	2.7	1.6	1.28	0.9	1.35	0.40	166	7		
	103H10 4205	9	519024	5941864	6	20	PTCg	0.69	0.02	0.9	70.5	0.25	0.10	0.73	17.2	7.2	31.68	2.6	0.2	1.30	1.1	1.25	0.40	183	12		
	103H10 4206	9	516041	5941581	6	0	PTCg	1.27	0.02	0.9	155.8	0.04	0.12	0.82	30.5	10.6	32.20	4.9	1.0	2.77	1.6	2.19	0.75	325	10		
	103H10 4207	9	514141	5943618	6	0	PTCg	1.09	0.02	0.5	73.8	0.02	0.05	0.64	177.8	17.6	17.04	4.2	0.2	2.61	4.3	1.97	1.69	379	11		
	103H10 4208	9	516945	5950543	6	0	KTgd	1.02	0.02	0.6	69.2	0.02	0.04	0.77	11.3	7.0	15.43	5.2	0.2	1.93	4.1	2.94	0.53	452	36		
	103H10 4210	9	518958	5952028	6	0	KTgd	0.93	0.02	0.8	96.6	0.03	0.04	0.86	16.3	8.0	19.43	4.9	0.4	2.01	4.0	2.12	0.63	368	22		
	103H10 4211	9	526408	5952771	6	0	KTgd	1.18	0.02	0.6	54.8	0.04	0.02	0.41	11.1	4.1	6.41	8.7	0.2	1.70	3.7	4.00	0.36	234	55		
	103H10 4212	9	523331	5953187	6	0	KTgd	1.51	0.02	0.9	150.8	0.02	0.05	1.12	24.0	11.3	31.91	6.4	0.2	2.44	4.0	2.36	0.81	406	15		
	103H10 4213	9	527409	5951665	6	0	KTgd	1.40	0.02	0.9	112.5	0.04	0.04	1.06	18.4	9.0	17.92	6.9	0.2	2.18	4.1	3.39	0.71	467	25		
	103H10 4214	9	522948	5949033	6	0	KTgd	1.43	0.03	1.9	92.6	0.07	0.08	0.65	15.0	9.4	17.15	7.7	0.4	1.99	4.9	7.51	0.64	602	71		
	103H10 4215	9	524180	5945685	6	0	KTgd	0.60	0.02	0.9	19.5	0.08	0.02	0.48	14.3	3.9	4.78	4.2	0.2	1.71	9.5	2.99	0.32	217	13		
	103H10 4216	9	524185	5945296	6	0	PTCg	1.11	0.02	0.8	58.8	0.14	0.03	0.75	15.5	6.3	6.65	6.0	0.2	1.98	5.8	3.13	0.57	358	15		
	103H10 4217	9	522760	5945418	6	0	PTCg	0.92	0.04	2.1	203.3	0.05	0.04	0.51	16.2	8.3	20.07	4.4	0.5	1.79	2.8	2.02	0.73	285	11		
	103H10 4218	9	521890	5946741	6	0	KTgd	0.88	0.02	0.7	52.6	0.05	0.05	0.52	9.5	5.4	8.30	4.6	0.8	1.43	2.9	3.58	0.41	295	45		
	103H10 4219	9	519135	5947278	6	0	PTCg	1.48	0.02	0.8	201.4	0.02	0.05	0.70	27.4	13.2	22.35	6.3	0.2	2.49	2.2	2.51	1.07	421	29		
	103H10 4220	9	519342	5947928	6	0	KTgd	1.18	0.03	1.0	104.8	0.07	0.07	0.99	23.9	10.1	30.68	5.8	0.2	2.47	3.3	2.49	0.87	395	18		
	103H10 4222	9	516696	5945320	6	0	KTgd	1.21	0.02	0.4	145.4	0.03	0.08	0.82	35.7	14.4	22.98	4.8	0.2	2.21	1.3	3.27	0.74	471	19		
	103H10 4223	9	521600	5943070	6	10	KTgd	0.78	0.03	0.4	121.8	0.03	0.11	0.45	20.7	9.8	29.07	3.6	0.2	1.99	1.1	0.95	0.59	283	7		

Analytical Data

								S T R E A M S E D I M E N T																	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
								0.01 ppm	0.1 ppm	0.001 %	0.01 %	0.1 ppm	0.1 ppm	2 ppb	0.001 %	0.5 ppm	0.01 %	0.02 ppm	0.02 ppm	0.1 ppm	0.001 %	0.2 ppm	0.1 ppm	2 ppm	0.1 ppm
								ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
103H06	4179	9	496406	5917918	6	0	MKqd	0.22	2.5	0.035	0.15	1.1	0.3	12	0.016	20.1	0.05	0.02	0.02	0.2	0.075	0.2	0.3	27	17.8
103H06	4180	9	496512	5919293	6	0	MKqd	0.19	4.6	0.039	0.23	0.7	0.6	26	0.013	20.1	0.13	0.02	0.06	0.1	0.105	0.2	0.4	34	27.9
103H15	4183	9	521402	5966787	6	0	PTCg	0.79	7.3	0.076	0.07	1.3	0.2	23	0.011	24.7	0.13	0.02	0.03	0.5	0.045	0.2	0.4	33	39.0
103H15	4184	9	517947	5962278	6	0	ETqd	0.72	2.0	0.036	0.04	0.5	0.2	25	0.012	19.0	0.16	0.02	0.02	0.1	0.040	0.2	1.2	10	7.0
103H10	4185	9	511840	5941282	6	10	PTCg	0.90	23.9	0.193	0.49	5.1	1.6	76	0.054	45.5	0.12	0.03	0.16	0.2	0.155	0.2	0.4	107	53.2
103H10	4186	9	511840	5941282	6	20	PTCg	0.86	24.4	0.217	0.37	4.2	1.6	103	0.059	52.0	0.13	0.03	0.15	0.2	0.150	0.2	0.3	104	51.1
103H10	4187	9	517209	5937132	6	0	PTCg	1.05	12.8	0.202	0.17	1.1	0.3	41	0.024	62.6	0.11	0.03	0.05	0.5	0.084	0.2	0.4	36	40.2
103H10	4188	9	517023	5934522	6	0	PTCg	3.12	4.8	0.114	0.14	0.9	0.2	23	0.016	11.6	0.15	0.02	0.09	2.6	0.081	0.2	0.8	36	23.1
103H10	4189	9	519402	5931982	6	0	PTCg	0.58	8.0	0.164	0.12	1.5	0.2	16	0.025	38.3	0.10	0.02	0.02	1.1	0.095	0.2	1.7	37	29.6
103H10	4190	9	522715	5928369	6	0	PTCg	0.12	8.4	0.279	0.17	1.3	0.1	11	0.022	101.5	0.03	0.02	0.04	0.8	0.075	0.2	0.9	51	28.2
103H10	4191	9	514895	5929372	6	0	MKqd	0.44	6.3	0.240	0.15	0.5	0.1	12	0.017	30.0	0.11	0.03	0.03	0.1	0.060	0.2	0.4	29	19.2
103H07	4192	9	522372	5924795	6	0	MKqd	4.25	18.5	0.159	0.22	1.7	1.8	78	0.039	76.7	0.11	0.04	0.13	1.2	0.990	0.2	1.4	83	73.1
103H06	4193	9	494167	5918954	6	0	MKqd	0.18	2.7	0.042	0.16	0.7	0.5	34	0.013	33.0	0.15	0.02	0.03	0.1	0.080	0.2	0.3	29	23.4
103H10	4194	9	505196	5931181	6	0	MKqd	0.43	3.4	0.111	0.09	1.0	0.1	15	0.015	27.6	0.02	0.02	0.03	0.6	0.066	0.2	0.3	31	20.5
103H10	4195	9	510093	5929903	6	0	MKqd	0.11	1.9	0.180	0.13	0.6	0.1	7	0.016	42.6	0.05	0.02	0.04	0.3	0.070	0.2	0.2	27	29.6
103H10	4196	9	510629	5929933	6	0	MKqd	0.31	4.9	0.195	0.20	1.0	0.1	23	0.019	34.6	0.13	0.02	0.04	0.6	0.107	0.2	1.1	36	33.3
103H15	4197	9	522464	5961636	6	0	PTCg	0.18	9.9	0.262	0.23	1.8	0.1	41	0.017	99.2	0.10	0.02	0.06	1.6	0.121	0.2	1.0	51	46.4
103H15	4198	9	526480	5958655	6	0	PTCg	0.61	16.4	0.397	0.30	2.1	0.1	49	0.022	42.3	0.10	0.02	0.09	2.0	0.117	0.2	5.4	72	51.0
103H15	4199	9	527016	5956549	6	0	PTCg	0.28	7.0	0.492	0.28	1.9	0.1	42	0.028	62.5	0.04	0.02	0.10	1.5	0.120	0.2	1.5	71	39.9
103H15	4200	9	519115	5957951	6	0	PTCg	0.70	5.7	0.287	0.17	1.2	0.1	17	0.017	22.9	0.02	0.02	0.04	0.6	0.990	0.2	0.4	42	23.9
103H10	4202	9	520580	5943565	6	0	KTgd	1.07	14.8	0.207	0.24	1.4	0.4	42	0.021	29.8	0.06	0.03	0.09	0.1	0.123	0.2	0.6	47	44.5
103H10	4203	9	517978	5943296	6	0	PTCg	1.32	29.2	0.118	0.40	2.1	1.1	74	0.032	32.3	0.08	0.02	0.24	0.3	0.152	0.2	0.1	75	71.8
103H10	4204	9	519024	5941864	6	10	PTCg	0.78	9.0	0.201	0.14	1.6	0.3	24	0.030	34.4	0.07	0.02	0.06	0.4	0.074	0.7	0.4	33	24.7
103H10	4205	9	519024	5941864	6	20	PTCg	0.41	9.2	0.191	0.14	1.6	0.4	28	0.031	34.4	0.05	0.02	0.06	0.6	0.074	0.7	1.3	33	24.0
103H10	4206	9	516041	5941581	6	0	PTCg	0.83	12.6	0.223	0.28	3.0	0.4	43	0.038	32.5	0.05	0.02	0.10	0.6	0.137	0.2	0.4	89	46.0
103H10	4207	9	514141	5943618	6	0	PTCg	0.35	69.3	0.135	0.10	1.3	0.2	20	0.020	46.5	0.02	0.02	0.04	0.5	0.085	0.2	0.3	38	38.9
103H10	4208	9	516945	5950543	6	0	KTgd	0.51	4.8	0.229	0.18	1.5	0.1	36	0.011	42.2	0.04	0.02	0.08	0.9	0.105	0.2	0.7	45	40.7
103H10	4210	9	518958	5952028	6	0	KTgd	1.19	8.1	0.265	0.22	1.5	0.2	32	0.017	51.1	0.04	0.03	0.08	0.4	0.121	0.3	0.5	52	50.4
103H10	4211	9	526408	5952771	6	0	KTgd	0.57	4.4	0.089	0.10	1.3	0.3	46	0.010	32.1	0.04	0.02	0.04	0.6	0.120	0.2	0.8	46	32.4
103H10	4212	9	523331	5953187	6	0	KTgd	1.07	13.5	0.258	0.31	1.9	0.2	45	0.035	79.7	0.05	0.02	0.10	0.5	0.168	0.2	0.6	67	49.5
103H10	4213	9	527409	5951665	6	0	KTgd	0.62	8.9	0.228	0.25	1.6	0.3	31	0.025	87.8	0.05	0.02	0.09	0.7	0.154	0.2	2.2	58	49.2
103H10	4214	9	522948	5949033	6	0	KTgd	1.76	5.2	0.203	0.34	1.6	0.8	56	0.016	35.3	0.05	0.02	0.26	1.5	0.124	0.2	35.9	61	52.7
103H10	4215	9	524180	5945685	6	0	KTgd	0.08	3.1	0.138	0.15	0.8	0.1	15	0.019	29.0	0.03	0.02	0.09	23.9	0.070	0.2	12.8	42	33.3
103H10	4216	9	524185	5945296	6	0	PTCg	0.28	5.7	0.142	0.25	1.1	0.1	29	0.017	62.4	0.03	0.02	0.11	3.4	0.125	0.4	8.1	51	47.1
103H10	4217	9	522760	5945418	6	0	PTCg	0.35	8.3	0.164	0.40	1.1	0.2	31	0.063	48.6	0.03	0.02	0.10	0.6	0.152	0.4	0.7	52	45.9
103H10	4218	9	521890	5946741	6	0	KTgd	0.34	5.2	0.133	0.21	1.2	0.4	26	0.020	33.2	0.05	0.02	0.09	0.7	0.103	0.2	16.3	36	32.2
103H10	4219	9	519135	5947278	6	0	PTCg	0.31	17.6	0.132	0.40	1.3	0.3	29	0.052	47.4	0.04	0.02	0.10	0.2	0.176	0.2	2.1	67	53.3
103H10	4220	9	519342	5947928	6	0	KTgd	0.32	12.9	0.320	0.30	1.3	0.3	31	0.033	78.9	0.03	0.02	0.09	0.3	0.145	0.2	1.0	67	51.1
103H10	4222	9	516696	5945320	6	0	KTgd	0.81	18.7	0.195	0.21	1.8	0.2	20	0.018	30.9	0.04	0.02	0.07	0.5	0.134	0.2	0.3	50	50.1
103H10	4223	9	521600	5943070	6	10	KTgd	0.83	12.2	0.108	0.19	1.6	0.4	35	0.027	17.9	0.05	0.02	0.09	0.2	0.134	0.2	0.2	53	40.8

Analytical Data

										S T R E A M S E D I M E N T																			
										Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg		
										0.01	0.02	0.1	0.5	0.02	0.01	0.01	0.5	0.1	0.01	0.2	0.2	0.01	0.5	0.01	0.01	1	5		
										%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	%	ppm	ppm	%	ppm	ppb		
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS				
103H10	4225	9	521600	5943070	6	20	KTgd	0.62	0.02	0.5	101.6	0.03	0.11	0.43	18.2	8.4	19.08	2.9	0.2	1.85	1.0	0.94	0.48	244	10				
103H10	4226	9	519304	5942084	6	0	PTCg	0.50	0.02	0.8	84.5	0.03	0.11	0.38	13.4	6.6	24.07	2.0	0.2	1.15	0.5	0.99	0.36	174	5				
103H10	4227	9	514006	5943088	6	0	PTCg	2.05	0.02	2.0	187.9	0.06	0.16	0.95	42.0	16.0	43.57	7.4	0.4	3.01	1.3	4.98	1.04	502	14				
103H10	4228	9	518647	5950707	6	0	KTgd	1.39	0.02	0.6	113.7	0.03	0.03	1.03	10.9	7.2	17.65	6.2	0.2	1.77	2.4	3.07	0.62	385	22				
103H10	4229	9	520295	5953051	6	0	KTgd	0.86	0.02	0.7	84.8	0.02	0.06	1.00	25.5	9.9	58.52	4.0	0.3	1.52	2.3	1.46	0.56	393	35				
103H10	4230	9	521791	5952459	6	0	KTgd	1.47	0.05	0.5	85.0	0.04	0.04	1.19	13.2	7.4	17.15	7.3	0.2	2.36	4.2	3.25	0.58	338	8				
103H10	4231	9	524699	5952347	6	0	KTgd	0.84	0.03	1.3	96.1	0.04	0.05	0.54	13.0	7.2	9.10	5.0	0.4	2.00	4.0	3.10	0.42	457	52				
103H10	4232	9	527025	5951111	6	0	KTgd	0.56	0.02	0.8	77.8	0.02	0.02	0.86	11.9	4.2	5.40	2.9	0.2	1.43	3.3	0.94	0.34	173	8				

Analytical Data

								S T R E A M S E D I M E N T																	
								Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
								0.01	0.1	0.001	0.01	0.1	0.1	2	0.001	0.5	0.01	0.02	0.02	0.1	0.001	0.2	0.1	2	0.1
								ppm	ppm	%	%	ppm	ppm	ppb	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	
103H10	4225	9	521600	5943070	6	20	KTgd	0.74	10.5	0.116	0.17	1.3	0.4	26	0.024	14.2	0.04	0.02	0.07	0.2	0.114	0.2	0.4	49	35.1
103H10	4226	9	519304	5942084	6	0	PTCg	0.45	7.6	0.095	0.16	1.3	0.5	41	0.016	13.1	0.08	0.02	0.07	0.2	0.077	0.2	0.1	31	26.6
103H10	4227	9	514006	5943088	6	0	PTCg	0.91	20.8	0.142	0.29	3.6	0.9	82	0.026	47.0	0.09	0.02	0.13	0.5	0.187	0.2	0.6	93	70.4
103H10	4228	9	518647	5950707	6	0	KTgd	0.58	6.1	0.220	0.33	1.3	0.3	35	0.015	72.4	0.04	0.02	0.11	0.5	0.125	0.2	0.8	43	42.1
103H10	4229	9	520295	5953051	6	0	KTgd	0.60	15.6	0.185	0.15	1.3	2.0	68	0.013	46.6	0.08	0.02	0.06	0.1	0.093	0.2	2.4	44	40.2
103H10	4230	9	521791	5952459	6	0	KTgd	0.49	6.3	0.204	0.15	1.6	0.2	28	0.013	106.4	0.05	0.02	0.03	0.4	0.133	0.2	0.6	59	53.3
103H10	4231	9	524699	5952347	6	0	KTgd	1.51	5.9	0.143	0.19	1.1	0.6	27	0.012	49.7	0.06	0.02	0.07	0.3	0.085	0.2	1.5	49	41.2
103H10	4232	9	527025	5951111	6	0	KTgd	0.21	4.4	0.347	0.23	1.1	0.1	14	0.015	29.6	0.03	0.02	0.06	1.0	0.085	0.2	1.1	39	22.1

Analytical Data

								S T R E A M S E D I M E N T																
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Sb	As	Ba	Br	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Rb	Sm	
								0.1	0.5	50	0.5	5	0.5	20	5	1	2	1	0.2	2	0.2	15	0.1	
								ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	
								INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	
103H15	4002	9	532321	5960383	6	10	PTCg	0.1	2.5	790	4.7	89	1	90	23	1.9	2	10	7.52	51.8	0.40	15	8.9	
103H15	4003	9	532321	5960383	6	20	PTCg	0.1	2.8	860	5.6	86	1	83	22	2.2	2	9	6.95	50.9	0.42	15	8.4	
103H15	4004	9	532599	5958057	6	0	PTCg	0.1	2.9	1000	0.5	102	1	50	20	2.0	2	6	5.85	60.6	0.43	15	9.4	
103H16	4005	9	534130	5956639	6	0	PTCg	0.1	1.5	950	0.5	46	1	97	29	1.4	5	4	7.30	26.0	0.31	15	5.9	
103H09	4006	9	533256	5955297	6	0	PTCg	0.1	2.3	1200	5.5	73	2	53	20	2.1	2	5	5.49	45.3	0.34	15	8.0	
103H09	4007	9	535711	5952230	1	0	PTCg	0.1	1.5	560	5.4	60	1	81	26	1.6	2	5	6.93	31.4	0.46	15	7.1	
103H09	4008	9	537375	5951990	6	0	PTCg	0.1	2.5	820	0.5	100	3	53	21	2.3	3	8	5.96	55.3	0.40	15	9.1	
103H09	4009	9	539072	5950664	6	0	KTgd	0.1	1.6	880	0.5	57	1	69	22	1.6	2	4	6.64	33.0	0.47	15	6.7	
103H09	4010	9	540558	5949860	6	0	PTCg	0.1	2.5	430	0.5	50	2	97	27	1.3	5	5	7.53	26.1	0.37	15	6.6	
103H09	4011	9	540140	5948441	6	0	PTCg	0.1	2.0	850	0.5	66	1	52	18	1.7	2	5	5.43	40.0	0.37	15	6.9	
103H09	4013	9	534608	5948870	6	0	KTgd	0.1	3.0	880	2.7	73	1	45	11	2.1	2	7	4.11	44.9	0.39	72	8.6	
103H09	4014	9	534492	5948091	6	0	KTgd	0.1	3.6	690	17.4	80	1	30	14	1.9	2	10	3.68	46.9	0.39	50	8.6	
103H10	4015	9	530988	5944334	6	0	KTgd	0.1	2.4	880	2.0	80	2	25	6	1.7	2	8	3.16	52.9	0.27	15	6.8	
103H10	4016	9	531937	5945181	6	0	KTgd	0.5	4.6	1100	10.0	85	1	24	10	2.4	2	13	3.98	46.6	0.26	15	8.6	
103H10	4017	9	532639	5946760	6	0	KTgd	0.4	5.2	890	5.4	48	3	69	22	1.6	2	5	5.49	25.9	0.40	43	6.3	
103H09	4018	9	537171	5944390	6	0	KTgd	0.1	3.6	550	0.5	60	1	49	16	1.5	2	7	4.16	36.0	0.30	15	6.5	
103H09	4019	9	534133	5939682	6	0	KTgd	0.1	4.0	1000	0.5	80	2	19	5	1.7	2	9	3.87	52.6	0.20	42	6.4	
103H10	4020	9	532568	5938247	6	0	PTCg	0.4	2.4	690	6.7	31	2	53	22	1.4	3	2	6.44	16.9	0.37	15	5.5	
103H15	4022	9	531177	5963278	6	0	PTCg	0.1	1.3	630	9.7	86	1	45	17	1.8	2	9	5.56	45.7	0.39	15	7.6	
103H16	4023	9	534179	5957587	6	0	PTCg	0.1	1.5	900	8.8	44	3	75	23	1.1	3	3	6.47	21.6	0.45	15	5.7	
103H09	4024	9	537132	5951503	6	0	KTgd	0.1	2.2	790	0.5	61	1	73	22	1.7	2	5	5.60	35.2	0.42	37	7.6	
103H09	4025	9	534032	5954684	6	0	PTCg	0.1	2.4	600	9.8	46	2	59	24	1.7	2	4	5.85	25.0	0.30	15	6.1	
103H09	4026	9	539296	5951472	6	0	PTCg	0.1	0.5	860	4.8	68	3	48	25	1.8	2	6	6.67	38.5	0.41	15	7.7	
103H09	4028	9	541003	5948401	6	10	PTCg	0.1	0.5	890	1.9	75	1	49	18	1.7	2	10	7.89	42.7	0.50	15	9.4	
103H09	4029	9	541003	5948401	6	20	PTCg	0.1	2.4	730	2.5	74	1	47	17	1.6	2	10	7.28	40.0	0.50	15	9.4	
103H09	4030	9	533957	5948254	6	0	KTgd	0.1	2.5	700	4.3	43	2	44	15	1.4	3	4	4.24	23.8	0.27	61	5.4	
103H09	4031	9	534738	5945149	6	0	KTgd	0.3	3.1	1100	2.7	72	2	14	6	1.8	2	9	3.11	41.6	0.22	43	6.7	
103H10	4032	9	530511	5944398	6	0	KTgd	0.1	3.7	1000	7.6	56	1	34	14	1.8	2	6	4.26	31.4	0.29	37	6.5	
103H10	4033	9	531561	5945576	6	0	KTgd	0.1	4.2	1000	0.5	55	3	57	19	1.8	8	6	4.92	30.4	0.39	63	7.0	
103H09	4034	9	536409	5945418	6	0	KTgd	0.1	0.5	720	6.1	63	1	40	14	1.9	5	13	4.65	34.1	0.31	32	6.9	
103H09	4035	9	537024	5943756	6	0	KTgd	0.1	3.5	840	0.5	61	1	30	12	1.6	12	6	3.92	34.2	0.29	15	6.5	
103H09	4036	9	533623	5939655	6	0	KTgd	0.1	2.7	770	4.9	50	2	14	7	1.3	2	6	2.35	33.5	0.15	70	4.7	
103H10	4037	9	532315	5936991	6	0	PTCg	0.1	1.4	420	4.9	50	1	125	27	2.0	4	4	9.65	26.8	0.56	48	7.2	
103H09	4038	9	534599	5935314	6	0	KTgd	0.1	2.9	600	4.1	44	1	38	19	1.5	2	5	5.75	22.4	0.39	15	6.1	
103H09	4039	9	535240	5932068	6	0	PTCg	0.1	1.8	490	3.8	32	1	93	28	1.7	2	4	7.48	17.4	0.42	15	6.2	
103H09	4040	9	533545	5930799	6	0	PTCg	0.1	0.5	480	2.5	68	1	83	27	2.1	7	5	7.33	34.7	0.63	15	8.2	
103H07	4042	9	512969	5924436	6	10	MKgd	0.4	2.4	730	5.7	135	1	9	9	3.8	4	11	4.40	74.6	0.33	15	14.4	
103H07	4043	9	512969	5924436	6	20	MKgd	0.5	3.4	640	7.4	137	1	12	9	3.7	6	12	4.35	73.6	0.33	15	14.0	
103H07	4044	9	511923	5923080	6	0	MKgd	0.5	0.5	690	3.9	162	1	24	9	4.5	6	24	5.30	88.6	0.50	15	16.5	
103H07	4045	9	508551	5921363	6	0	MKgd	0.6	1.5	660	4.5	163	1	18	9	5.0	2	44	5.93	98.8	0.50	15	16.6	

Analytical Data

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	S T R E A M S E D I M E N T										W A T E R				
								Sc	Na	Ta	Tb	Th	W	U	Yb	Wt	F	LOI	FW	UW	S04	pH
								0.2 ppm INAA	0.02 % INAA	0.5 ppm INAA	0.5 ppm INAA	0.2 ppm INAA	1 ppm INAA	0.2 ppm INAA	2 ppm INAA	0.01 gm GRAV	0.2 ppm ION	1 ppm GRAV	20 ppb ION	0.05 ppb LIF	1 ppm TURB	0.1
103H15	4002	9	532321	5960383	6	10	PTCg	23.9	2.60	0.5	0.5	9.9	1	8.2	2.5	25.55	610	6.2	20	0.05	5	6.4
103H15	4003	9	532321	5960383	6	20	PTCg	22.4	2.55	0.5	1.2	8.8	1	9.9	2.7	25.24	410	6.9	20	0.05	5	6.4
103H15	4004	9	532599	5958057	6	0	PTCg	18.8	2.67	2.0	1.2	12.0	1	9.7	2.7	30.52	530	1.9	20	0.12	3	6.7
103H16	4005	9	534130	5956639	6	0	PTCg	24.8	2.61	0.5	1.2	2.2	1	4.9	2.2	31.04	640	3.2	20	0.07	3	6.6
103H09	4006	9	533256	5955297	6	0	PTCg	17.9	2.49	0.5	0.5	9.2	1	11.0	2.2	29.32	700	6.3	20	0.18	3	6.8
103H09	4007	9	535711	5952230	1	0	PTCg	23.9	2.01	0.5	0.5	5.2	1	6.8	3.0	29.45	560	5.3				
103H09	4008	9	537375	5951990	6	0	PTCg	21.4	2.70	0.5	0.5	10.5	1	7.3	2.5	28.89	740	2.8	20	0.06	3	6.5
103H09	4009	9	539072	5950664	6	0	KTgd	31.9	2.54	0.5	0.5	5.6	1	6.2	3.2	34.66	410	1.1	20	0.11	3	6.5
103H09	4010	9	540558	5949860	6	0	PTCg	28.7	2.35	0.5	0.5	4.9	1	4.9	2.4	33.29	630	1.9	20	0.08	4	6.6
103H09	4011	9	540140	5948441	6	0	PTCg	24.5	2.77	0.5	0.5	7.8	1	5.3	2.4	35.73	420	1.3	20	0.05	3	6.6
103H09	4013	9	534608	5948870	6	0	KTgd	18.0	2.76	0.5	0.9	8.7	1	7.5	2.6	32.47	580	1.2	20	0.08	2	6.6
103H09	4014	9	534492	5948091	6	0	KTgd	15.2	2.21	0.5	0.5	9.0	1	6.7	2.5	26.53	390	16.0	20	0.05	3	6.7
103H10	4015	9	530988	5944334	6	0	KTgd	6.8	2.80	0.5	0.5	14.3	1	9.1	1.8	38.91	390	1.0	20	0.15	2	6.3
103H10	4016	9	531937	5945181	6	0	KTgd	11.0	2.50	1.8	0.9	10.3	1	16.4	1.8	30.46	540	5.1	20	0.34	3	6.4
103H10	4017	9	532639	5946760	6	0	KTgd	20.7	2.33	2.0	0.8	4.2	1	7.6	2.6	28.75	570	5.1	20	0.12	2	6.5
103H09	4018	9	537171	5944390	6	0	KTgd	21.9	2.92	0.5	0.5	6.9	1	3.5	2.0	32.61	430	2.2	20	0.07	3	5.9
103H09	4019	9	534133	5939682	6	0	KTgd	6.6	2.72	0.5	0.5	17.3	1	12.3	1.4	36.19	430	1.4	20	0.25	2	6.3
103H10	4020	9	532568	5938247	6	0	PTCg	21.6	2.09	0.5	0.5	1.4	1	3.3	2.3	28.15	430	6.3	20	0.10	2	6.4
103H15	4022	9	531177	5963278	6	0	PTCg	17.2	2.26	0.5	1.0	8.6	1	8.0	2.5	27.25	440	12.2	20	0.05	5	6.8
103H16	4023	9	534179	5957587	6	0	PTCg	23.5	2.12	0.5	0.5	3.0	1	4.7	3.0	28.46	430	10.3	20	0.05	3	6.6
103H09	4024	9	537132	5951503	6	0	KTgd	26.0	2.45	0.5	0.9	7.0	1	7.3	2.6	31.28	650	2.3	20	0.11	3	6.3
103H09	4025	9	534032	5954684	6	0	PTCg	20.2	1.82	0.5	0.5	3.0	1	6.2	1.9	26.19	430	16.3	20	0.06	2	6.7
103H09	4026	9	539296	5951472	6	0	PTCg	22.9	2.02	0.5	0.9	6.5	1	5.5	2.5	29.20	630	7.5	20	0.05	3	6.5
103H09	4028	9	541003	5948401	6	10	PTCg	23.5	2.62	0.5	0.5	8.5	1	6.4	3.3	30.28	830	1.0	20	0.10	3	6.3
103H09	4029	9	541003	5948401	6	20	PTCg	21.6	2.41	0.5	1.1	8.8	1	4.6	3.3	32.20	740	1.4	20	0.12	3	6.3
103H09	4030	9	533957	5948254	6	0	KTgd	15.5	2.44	0.5	0.5	4.5	1	5.4	1.7	29.52	390	5.5	20	0.05	3	5.9
103H09	4031	9	534738	5945149	6	0	KTgd	9.1	2.83	0.5	0.5	10.1	1	10.9	1.4	31.38	450	1.9	20	0.21	2	6.0
103H10	4032	9	530511	5944398	6	0	KTgd	15.0	2.55	0.5	1.0	6.8	1	8.7	1.9	28.82	430	4.6	20	0.19	2	6.4
103H10	4033	9	531561	5945576	6	0	KTgd	19.2	2.47	0.5	0.9	5.1	1	5.8	2.5	29.16	570	1.8	20	0.05	2	6.5
103H09	4034	9	536409	5945418	6	0	KTgd	18.2	2.23	0.5	0.6	7.6	1	5.9	2.1	27.50	480	8.4	20	0.07	2	6.0
103H09	4035	9	537024	5943756	6	0	KTgd	16.8	2.81	0.5	0.6	6.5	1	5.8	1.8	30.41	460	2.4	20	0.14	2	6.0
103H09	4036	9	533623	5939655	6	0	KTgd	7.5	2.60	0.5	0.5	12.7	1	9.9	0.9	30.80	420	3.6	20	0.20	2	6.2
103H10	4037	9	532315	5936991	6	0	PTCg	30.7	2.10	0.5	0.9	3.2	1	6.1	3.7	30.08	400	2.4	20	0.12	2	6.3
103H09	4038	9	534599	5935314	6	0	KTgd	20.0	2.41	0.5	0.5	3.1	1	5.9	2.4	30.83	430	3.9	20	0.05	2	5.8
103H09	4039	9	535240	5932068	6	0	PTCg	29.0	1.87	0.5	0.5	2.8	1	2.7	2.8	29.86	460	4.8	20	0.05	2	6.1
103H09	4040	9	533545	5930799	6	0	PTCg	31.9	1.98	0.5	1.2	6.7	1	4.6	4.1	31.36	460	1.2	20	0.06	2	6.1
103H07	4042	9	512969	5924436	6	10	MKgd	11.5	2.79	2.8	0.5	8.6	1	7.0	2.1	29.21	840	6.3	20	0.05	3	6.2
103H07	4043	9	512969	5924436	6	20	MKgd	11.3	2.69	0.5	1.2	8.0	1	7.1	2.2	28.89	730	7.5	20	0.05	3	6.4
103H07	4044	9	511923	5923080	6	0	MKgd	14.3	3.18	0.5	1.7	10.3	1	7.2	3.2	30.52	440	2.7	20	0.05	6	5.1
103H07	4045	9	508551	5921363	6	0	MKgd	16.0	2.90	2.8	1.7	13.9	1	8.2	3.8	29.74	610	2.8	20	0.05	7	5.5

Analytical Data

								S T R E A M S E D I M E N T															
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Sb	As	Ba	Br	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Rb	Sm
								ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppb INAA	ppm INAA	% INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	
103H07	4046	9	507691	5920963	6	0	MKgd	0.1	1.9	710	8.4	70	1	27	10	2.1	2	11	3.97	43.0	0.39	15	7.3
103H07	4047	9	501526	5921864	6	0	MKgd	0.4	0.5	580	13.0	71	1	26	12	2.5	5	14	4.53	41.7	0.40	15	7.9
103H07	4048	9	500454	5923756	6	0	MKgd	0.2	3.5	760	8.6	79	1	26	9	2.5	4	14	3.31	46.8	0.37	15	8.1
103H10	4049	9	502906	5931483	6	0	MKgd	0.1	3.1	790	7.9	54	1	15	5	1.9	2	8	2.34	33.9	0.27	32	6.0
103H06	4050	9	496422	5926024	6	0	MKgd	0.3	0.5	900	12.8	83	1	60	15	3.0	2	19	4.76	47.5	0.61	22	10.0
103H10	4051	9	506650	5930991	6	0	MKqd	0.2	0.5	510	6.5	61	1	45	11	2.0	4	8	3.57	37.5	0.38	15	6.8
103H10	4052	9	508900	5930988	6	0	MKqd	0.2	0.5	540	7.8	66	1	68	23	2.8	2	8	6.88	35.4	0.65	39	8.5
103H10	4053	9	510634	5933801	6	0	MKqd	0.1	2.0	390	10.3	45	1	58	20	2.0	2	11	6.67	24.5	0.41	15	5.8
103H15	4054	9	522493	5962500	6	0	PTCg	0.1	2.0	690	6.8	83	1	55	18	2.1	2	12	6.24	48.4	0.42	40	8.0
103H15	4055	9	525110	5962127	6	0	PTCg	0.2	3.5	520	9.3	48	3	72	23	1.4	2	4	5.57	27.1	0.40	21	5.4
103H15	4056	9	526677	5956425	6	0	PTCg	0.1	0.5	650	9.5	66	1	50	20	2.1	2	10	6.38	40.8	0.42	35	7.1
103H15	4057	9	520440	5958820	6	0	PTCg	0.2	0.5	820	7.9	72	1	37	15	2.0	4	10	4.66	44.2	0.33	15	7.0
103H15	4059	9	517816	5957885	6	0	PTCg	0.1	0.5	700	6.9	66	2	35	12	2.0	2	13	3.90	39.5	0.44	15	7.0
103H10	4060	9	516266	5946139	6	0	KTgd	0.3	0.5	520	18.1	43	1	60	25	2.2	2	6	5.95	21.3	0.83	15	7.2
103H09	4062	9	533811	5936302	6	0	PTCg	0.1	3.1	710	4.0	72	2	36	12	1.9	2	17	4.95	42.4	0.50	38	7.3
103H09	4064	9	535631	5934278	6	10	PTCg	0.3	2.3	680	0.5	45	2	44	18	1.6	4	7	5.42	22.7	0.40	15	5.9
103H09	4065	9	535631	5934278	6	20	PTCg	0.3	3.6	680	4.3	42	2	43	20	1.7	2	9	5.59	24.4	0.43	49	5.9
103H09	4066	9	534219	5932110	6	0	PTCg	0.1	0.5	390	3.2	32	2	143	33	1.8	4	3	8.23	16.1	0.70	15	5.8
103H09	4067	9	533918	5930169	6	0	PTCg	0.1	2.4	610	4.0	138	1	69	24	4.0	2	10	7.04	82.6	1.18	42	14.3
103H09	4068	9	536843	5931823	6	0	PTCg	0.1	1.8	640	13.4	49	3	39	17	1.6	2	8	5.16	24.8	0.54	38	6.6
103H09	4069	9	537857	5931079	6	0	PTCg	0.1	0.5	500	3.1	47	1	52	26	2.1	5	11	8.33	21.9	0.46	35	7.7
103H08	4070	9	539337	5927994	6	0	PTCg	0.3	2.2	540	13.8	43	3	46	21	1.8	2	9	5.54	21.9	0.40	15	6.1
103H08	4071	9	539310	5923416	6	0	KTqd	0.4	0.5	500	7.7	43	2	52	19	1.6	3	9	5.28	22.7	0.45	15	5.5
103H08	4072	9	534312	5922037	6	0	PTCs	0.3	2.0	560	9.4	98	1	65	27	2.4	2	7	7.41	58.7	0.78	15	10.3
103H09	4073	9	537532	5931971	6	0	PTCg	0.1	0.5	520	11.3	34	3	57	17	1.3	2	6	4.71	17.3	0.33	34	4.7
103H08	4074	9	539960	5925589	6	0	PTCg	0.1	0.5	470	4.9	39	1	76	21	1.5	4	5	6.17	21.3	0.44	15	5.4
103H08	4075	9	538350	5922875	6	0	KTqd	0.1	1.8	500	6.4	45	2	49	18	1.7	2	11	4.77	24.1	0.45	53	6.0
103H07	4076	9	532394	5925135	6	0	PTCg	0.4	2.0	320	4.7	122	1	81	27	3.4	2	8	6.90	71.8	1.02	15	13.2
103H07	4077	9	526945	5926757	6	0	PTCg	0.7	1.8	340	5.2	160	1	64	26	4.9	8	18	9.28	82.9	1.24	15	16.6
103H07	4078	9	525818	5927494	6	0	PTCg	0.4	0.5	560	9.9	140	2	48	22	5.5	7	12	7.45	81.0	1.09	15	15.1
103H07	4079	9	531979	5925143	6	0	PTCg	0.1	0.5	410	0.5	149	1	58	23	4.7	2	12	7.61	86.6	1.00	15	15.4
103H07	4080	9	528414	5925376	6	0	PTCg	0.1	0.5	390	6.9	117	1	50	31	3.9	2	23	11.70	66.3	1.00	15	12.6
103H15	4082	9	528176	5963061	6	0	PTCg	0.1	0.5	430	7.2	55	3	110	28	1.8	2	6	6.81	29.9	0.50	30	6.4
103H15	4083	9	530114	5960598	6	10	PTCg	0.1	0.5	1100	5.3	101	2	43	15	2.6	4	11	5.13	64.6	0.39	15	10.0
103H15	4084	9	530114	5960598	6	20	PTCg	0.1	1.0	1100	5.2	88	1	31	13	2.3	2	9	4.65	55.4	0.32	36	8.7
103H10	4085	9	530979	5950237	6	0	PTCg	0.1	0.5	890	3.7	45	2	37	12	1.5	2	5	3.56	26.8	0.28	15	5.2
103H10	4086	9	528187	5940070	6	0	PTCg	0.1	7.0	620	5.3	43	2	62	17	2.0	2	6	5.71	22.1	0.45	15	6.2
103H10	4087	9	524618	5937937	6	0	PTCg	0.5	3.4	530	5.0	45	1	139	27	2.1	2	5	7.24	24.9	0.78	15	6.7
103H10	4088	9	521894	5936257	6	0	PTCg	0.1	3.7	570	3.1	158	1	37	19	4.3	2	18	7.49	97.0	1.60	39	17.0
103H10	4090	9	524563	5935639	6	0	PTCg	0.1	0.5	490	6.3	70	2	94	28	2.4	2	4	7.39	38.0	0.58	15	7.7

Analytical Data

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	S T R E A M S E D I M E N T										W A T E R				
								Sc	Na	Ta	Tb	Th	W	U	Yb	Wt	F	LOI	FW	UW	S04	pH
								0.2 ppm INAA	0.02 % INAA	0.5 ppm INAA	0.5 ppm INAA	0.2 ppm INAA	1 ppm INAA	0.2 ppm INAA	2 ppm INAA	0.01 gm GRAV	0.2 ppm ION	1 ppm GRAV	20 ppb ION	0.05 ppb LIF	1 ppm TURB	0.1 GCE
103H07	4046	9	507691	5920963	6	0	MKg	15.1	2.94	0.5	0.5	7.4	1	3.3	2.6	30.16	300	4.2	20	0.05	4	5.6
103H07	4047	9	501526	5921864	6	0	MKg	17.3	2.52	0.5	1.0	6.5	1	2.9	2.6	28.67	380	7.6	20	0.05	7	5.8
103H07	4048	9	500454	5923756	6	0	MKg	13.9	2.75	0.5	0.7	7.0	1	2.5	2.4	30.57	280	4.6	20	0.05	5	5.3
103H10	4049	9	502906	5931483	6	0	MKg	11.2	2.88	1.7	0.5	5.6	1	2.7	1.8	31.14	250	5.6	20	0.05	8	4.4
103H06	4050	9	496422	5926024	6	0	MKg	20.8	2.50	1.4	1.5	9.5	1	5.0	4.0	29.42	370	6.2	20	0.05	5	5.2
103H10	4051	9	506650	5930991	6	0	MKg	17.5	2.63	0.5	0.8	6.3	1	2.6	2.5	30.31	280	3.9	20	0.05	7	5.0
103H10	4052	9	508900	5930988	6	0	MKg	28.1	1.78	2.0	1.2	6.8	1	4.2	4.3	30.05	470	5.2	20	0.05	4	6.0
103H10	4053	9	510634	5933801	6	0	MKg	21.7	2.13	0.5	0.5	3.5	1	2.7	2.7	29.62	300	5.3	20	0.05	7	5.3
103H15	4054	9	522493	5962500	6	0	PTC	20.7	1.97	0.5	1.1	11.4	1	4.1	2.8	27.92	350	9.9	20	0.05	7	5.5
103H15	4055	9	525110	5962127	6	0	PTC	23.6	1.84	1.0	0.5	6.2	1	3.5	2.6	27.37	430	11.9	20	0.05	4	5.8
103H15	4056	9	526677	5956425	6	0	PTC	24.6	2.31	0.5	0.5	6.6	1	3.2	2.8	30.46	400	4.9	20	0.13	1	6.7
103H15	4057	9	520440	5958820	6	0	PTC	17.4	2.54	1.2	0.5	8.9	1	3.7	2.2	29.70	460	4.7	20	0.13	2	6.8
103H15	4059	9	517816	5957885	6	0	PTC	18.3	2.43	0.5	0.5	8.1	1	1.7	3.1	30.40	350	5.6	20	0.05	3	6.2
103H10	4060	9	516266	5946139	6	0	KTg	25.2	1.81	1.0	1.4	4.0	1	2.7	5.6	25.70	340	14.0	20	0.05	3	6.2
103H09	4062	9	533811	5936302	6	0	PTC	17.6	2.41	0.5	1.1	17.2	1	7.5	3.2	29.56	430	1.6	20	0.11	1	5.6
103H09	4064	9	535631	5934278	6	10	PTC	22.0	2.45	0.5	1.0	6.8	1	3.2	2.7	28.94	380	1.8	20	0.08	1	6.0
103H09	4065	9	535631	5934278	6	20	PTC	21.5	2.41	0.5	0.5	7.6	1	6.0	2.8	29.48	460	3.0	20	0.10	1	5.8
103H09	4066	9	534219	5932110	6	0	PTC	44.1	2.07	0.5	0.5	1.8	1	2.1	4.7	29.71	320	1.6	20	0.05	2	6.0
103H09	4067	9	533918	5930169	6	0	PTC	30.0	2.49	4.7	2.3	17.1	3	5.3	7.4	30.91	1170	2.5	20	0.14	1	5.9
103H09	4068	9	536843	5931823	6	0	PTC	20.4	1.96	1.3	0.5	5.3	1	2.3	3.7	30.38	370	8.7	20	0.07	1	6.3
103H09	4069	9	537857	5931079	6	0	PTC	25.8	2.50	0.5	0.9	1.9	1	1.8	3.2	28.89	1010	2.3	20	0.06	2	6.0
103H08	4070	9	539337	5927994	6	0	PTC	19.2	2.18	1.8	1.0	2.2	1	0.5	2.7	29.63	850	7.0	20	0.10	1	6.3
103H08	4071	9	539310	5923416	6	0	KTg	22.1	2.19	0.5	0.5	4.6	1	2.9	3.0	29.01	400	4.3	20	0.10	1	6.3
103H08	4072	9	534312	5922037	6	0	PTCs	29.3	2.06	2.8	0.6	11.0	1	3.9	5.2	28.78	800	6.3	20	0.07	2	6.8
103H09	4073	9	537532	5931971	6	0	PTC	17.9	1.73	0.5	0.9	2.9	1	2.2	2.3	29.06	400	10.4	20	0.05	1	6.5
103H08	4074	9	539960	5925589	6	0	PTC	26.6	1.87	0.5	1.1	3.2	1	1.9	3.0	30.20	400	2.7	20	0.09	3	6.3
103H08	4075	9	538350	5922875	6	0	KTg	20.6	2.10	1.0	0.8	4.5	1	2.0	3.0	30.76	560	6.1	20	0.05	1	6.5
103H07	4076	9	532394	5925135	6	0	PTC	31.9	2.38	3.8	2.3	13.6	1	4.7	6.7	29.99	1090	2.7	20	0.09	1	6.4
103H07	4077	9	526945	5926757	6	0	PTC	35.2	2.59	3.2	2.4	10.7	1	5.3	8.2	29.65	1020	2.5	20	0.05	1	6.3
103H07	4078	9	525818	5927494	6	0	PTC	28.1	2.72	3.5	2.3	8.2	1	4.4	6.9	30.39	1200	4.3	20	0.12	1	6.5
103H07	4079	9	531979	5925143	6	0	PTC	29.7	2.92	4.1	2.5	13.9	1	4.8	6.7	29.54	1190	1.8	20	0.07	1	6.2
103H07	4080	9	528414	5925376	6	0	PTC	37.7	2.32	2.0	1.8	9.3	1	4.8	6.6	29.74	1000	1.3	20	0.08	1	6.3
103H15	4082	9	528176	5963061	6	0	PTC	29.8	1.66	0.5	0.5	4.9	1	2.8	3.5	29.00	900	7.8	20	0.05	1	6.7
103H15	4083	9	530114	5960598	6	10	PTC	15.2	2.59	1.7	0.5	13.3	1	5.8	2.6	29.15	960	4.7	22	0.10	1	6.9
103H15	4084	9	530114	5960598	6	20	PTC	14.2	2.37	0.5	1.2	10.6	1	4.7	2.3	29.67	1040	5.1	22	0.11	1	7.0
103H10	4085	9	530979	5950237	6	0	PTC	14.9	2.63	0.5	0.5	6.1	1	2.8	1.9	29.37	410	3.0	20	0.07	1	6.5
103H10	4086	9	528187	5940070	6	0	PTC	21.4	2.10	0.5	0.8	3.9	1	2.8	3.0	29.17	530	6.6	20	0.07	1	6.8
103H10	4087	9	524618	5937937	6	0	PTC	36.9	1.90	0.9	1.5	5.8	1	2.8	5.3	28.89	420	3.2	20	0.05	1	6.1
103H10	4088	9	521894	5936257	6	0	PTC	30.8	2.77	4.8	2.7	19.3	1	7.3	11.3	29.70	1210	4.1	20	0.06	1	6.6
103H10	4090	9	524563	5935639	6	0	PTC	28.1	2.19	1.4	1.2	5.6	1	3.2	3.9	29.27	610	7.8	20	0.05	2	6.7

Analytical Data

								S T R E A M S E D I M E N T																
								Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ce 5 ppm INAA	Cs 0.5 ppm INAA	Cr 20 ppm INAA	Co 5 ppm INAA	Eu 1 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.2 % INAA	La 2 ppm INAA	Lu 0.2 ppm INAA	Rb 15 ppm INAA	Sm 0.1 ppm INAA	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM																	
103H10	4091	9	527079	5934682	6	0	PTCg	0.1	0.5	550	4.9	82	2	70	22	2.7	2	7	7.94	47.5	0.95	15	9.3	
103H10	4092	9	530182	5932591	6	0	PTCg	0.2	1.6	390	9.5	51	2	103	25	1.8	6	3	7.72	29.7	0.47	15	5.8	
103H10	4093	9	529962	5931579	6	0	PTCg	0.2	2.2	510	0.5	136	1	57	23	4.2	2	11	8.78	75.0	1.03	15	13.3	
103H07	4094	9	519413	5918372	6	0	MKgd	0.1	2.5	780	16.8	137	2	19	10	4.0	2	24	4.57	83.4	0.43	15	12.4	
103H07	4095	9	522968	5917619	6	0	MKgd	0.1	1.1	1300	7.7	103	1	26	10	2.5	2	19	4.00	64.3	0.41	15	8.5	
103H07	4096	9	523318	5910993	6	0	MKgd	0.1	1.3	570	11.0	103	1	44	14	3.0	2	37	4.45	61.8	0.63	15	9.8	
103H07	4097	9	523020	5909986	6	0	MKgd	0.3	1.8	590	5.7	86	1	47	16	2.8	2	13	5.53	46.1	0.54	15	9.1	
103H07	4098	9	519301	5915263	6	0	MKgd	0.2	1.8	610	12.6	81	1	29	13	2.4	6	10	4.15	51.1	0.25	15	7.8	
103H07	4099	9	514697	5915054	6	0	MKgd	0.2	1.9	790	32.1	72	2	13	6	1.9	2	10	2.78	41.4	0.21	45	6.8	
103H07	4100	9	515345	5912726	6	0	MKgd	0.1	2.3	1000	10.7	77	2	15	9	2.0	2	8	3.22	43.1	0.20	53	6.9	
103H15	4102	9	525929	5964714	6	0	PTCg	0.1	2.7	600	8.4	57	1	119	30	1.8	4	7	8.10	28.1	0.50	31	5.9	
103H15	4103	9	529637	5960937	6	0	PTCg	0.1	0.5	960	7.3	110	1	55	13	2.5	2	11	5.20	60.0	0.40	15	10.1	
103H10	4104	9	532154	5951957	6	0	PTCg	0.1	0.5	870	0.5	77	2	48	25	2.2	2	8	7.35	40.0	0.45	15	7.7	
103H10	4105	9	527122	5942138	6	10	PTCg	0.1	3.3	930	5.9	65	2	30	12	1.6	2	9	4.36	35.8	0.34	70	5.8	
103H10	4106	9	527122	5942138	6	20	PTCg	0.2	1.9	940	5.7	72	2	28	10	1.7	2	9	4.02	39.9	0.36	74	6.3	
103H10	4107	9	528811	5939349	6	0	KTgd	0.1	2.7	410	3.0	47	1	69	20	2.2	4	6	6.71	23.1	0.49	15	7.1	
103H10	4108	9	524119	5940105	6	0	PTCg	0.1	3.7	840	3.8	44	2	105	25	1.5	4	4	7.42	22.6	0.78	44	5.5	
103H10	4109	9	520821	5937526	6	0	PTCg	0.5	3.0	500	5.6	83	1	74	25	2.6	2	4	7.37	45.1	0.59	35	8.3	
103H10	4110	9	526780	5935709	6	0	PTCg	0.5	4.0	640	7.4	44	1	143	30	1.9	9	4	8.19	22.5	0.62	15	6.0	
103H10	4111	9	528456	5932558	6	0	PTCg	0.3	0.5	610	0.5	121	1	61	24	3.7	4	11	8.16	64.7	0.91	15	11.6	
103H10	4113	9	530373	5932385	6	0	PTCg	0.4	2.7	400	8.3	67	1	100	25	2.1	5	3	7.43	35.3	0.61	15	7.3	
103H07	4114	9	520680	5920692	6	0	MKgd	0.1	1.8	790	4.8	77	1	48	17	2.6	2	10	5.44	42.1	0.37	36	7.9	
103H07	4115	9	521947	5920424	6	0	MKgd	0.2	1.7	700	13.7	80	2	54	21	2.5	2	9	6.25	41.9	0.37	29	7.7	
103H07	4116	9	522803	5912837	6	0	MKgd	0.1	1.4	1500	14.2	111	1	15	6	2.3	2	13	3.29	64.6	0.35	15	8.6	
103H07	4117	9	522469	5910435	6	0	MKgd	0.3	2.0	800	10.3	72	1	36	15	1.9	2	8	4.94	36.8	0.42	46	6.6	
103H07	4118	9	521391	5913927	6	0	MKgd	0.3	1.1	1100	4.7	131	1	23	10	3.3	2	21	4.96	73.8	0.44	15	10.9	
103H07	4119	9	520076	5914165	6	0	MKgd	0.1	1.3	940	9.0	111	1	19	11	2.7	2	14	4.47	65.8	0.35	15	9.4	
103H07	4120	9	517436	5912576	6	0	MKgd	0.6	3.6	800	13.5	120	1	40	15	3.0	2	21	6.35	70.1	0.48	53	10.1	
103H07	4122	9	513787	5909719	6	10	MKgd	0.1	2.1	930	20.2	108	1	11	12	2.6	7	31	5.43	60.0	0.35	45	8.1	
103H07	4123	9	513787	5909719	6	20	MKgd	0.1	2.0	1300	13.5	91	1	6	9	2.2	2	19	3.87	50.8	0.32	15	6.8	
103H07	4124	9	510912	5912706	6	0	MKgd	0.1	3.1	960	11.3	68	1	24	16	2.0	2	12	5.23	33.9	0.37	38	6.7	
103H07	4125	9	508115	5914530	6	0	OTrAs	0.1	2.0	760	7.3	71	1	19	14	2.2	2	14	5.14	37.8	0.42	15	6.5	
103H07	4127	9	513240	5919207	6	0	MKgd	0.1	3.1	750	14.2	153	1	12	6	4.1	2	34	3.68	80.7	0.46	15	13.4	
103H07	4128	9	516189	5917851	6	0	MKgd	0.3	1.6	780	12.5	134	1	20	7	3.7	2	34	5.05	72.7	0.43	41	11.6	
103H07	4129	9	505062	5914151	6	0	MKgd	0.1	1.5	730	37.8	61	1	30	14	2.0	3	13	4.90	30.0	0.49	15	5.9	
103H07	4130	9	502062	5911766	6	0	MKqd	0.7	2.4	680	25.6	101	1	38	18	3.4	2	25	6.88	53.0	0.75	15	10.1	
103H07	4131	9	502134	5907806	6	0	MKqd	0.4	3.5	740	22.5	118	1	19	17	3.5	5	29	7.51	55.3	0.70	15	10.9	
103H06	4132	9	494541	5908038	6	0	MKdn	0.1	2.8	300	30.5	66	2	94	27	2.2	2	14	7.88	30.1	0.61	15	7.2	
103H06	4133	9	491395	5907636	6	0	MKqd	1.3	2.8	500	51.5	105	2	46	26	1.8	2	21	7.39	51.3	1.02	15	8.0	
103H06	4134	9	492110	5911364	6	0	MKdn	0.1	2.6	420	38.7	73	1	47	24	2.5	2	6	6.81	28.0	0.45	15	9.0	

Analytical Data

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	S T R E A M S E D I M E N T										W A T E R				
								Sc	Na	Ta	Tb	Th	W	U	Yb	Wt	F	LOI	FW	UW	S04	pH
								0.2	0.02	0.5	0.5	0.2	1	0.2	2	0.01	0.2	1	20	0.05	1	0.1
								ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	gm	ppm	ppm	ppb	ppb	ppm	GCE
								INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	GRAV	ION	GRAV	ION	LIF	TURB	
103H10	4091	9	527079	5934682	6	0	PTCg	34.8	2.29	2.0	1.6	9.0	1	3.6	6.3	28.84	400	3.7	20	0.06	1	6.7
103H10	4092	9	530182	5932591	6	0	PTCg	26.3	2.09	0.5	0.5	4.2	1	2.3	3.0	28.20	300	6.7	20	0.06	2	7.1
103H10	4093	9	529962	5931579	6	0	PTCg	29.9	2.62	3.7	2.0	14.1	1	4.7	6.9	30.01	1060	1.5	20	0.07	1	6.4
103H07	4094	9	519413	5918372	6	0	MKgd	13.7	2.87	0.5	1.1	11.5	1	6.5	2.8	29.40	1020	6.5	22	0.08	1	6.3
103H07	4095	9	522968	5917619	6	0	MKgd	12.4	2.84	1.5	1.1	12.4	1	5.2	2.8	29.25	450	4.7	20	0.16	2	6.7
103H07	4096	9	523318	5910993	6	0	MKgd	19.1	2.42	2.8	1.4	12.3	1	6.6	4.2	30.80	360	8.1	20	0.08	1	6.4
103H07	4097	9	523020	5909986	6	0	MKgd	23.0	3.72	1.5	1.3	10.1	1	5.1	3.6	28.96	300	3.6	20	0.05	1	6.0
103H07	4098	9	519301	5915263	6	0	MKgd	11.7	2.57	1.6	0.5	9.7	1	4.8	1.7	28.72	1000	9.4	20	0.05	2	6.2
103H07	4099	9	514697	5915054	6	0	MKgd	8.5	3.24	1.5	1.0	7.0	1	2.5	1.4	29.47	500	8.4	20	0.05	1	5.7
103H07	4100	9	515345	5912726	6	0	MKgd	8.5	2.84	1.4	0.5	6.5	1	7.9	1.3	30.68	1130	6.8	20	0.41	1	6.8
103H15	4102	9	525929	5964714	6	0	PTCg	29.3	1.91	0.5	1.2	4.5	1	2.9	3.3	27.03	1220	10.6	20	0.05	7	6.7
103H15	4103	9	529637	5960937	6	0	PTCg	14.9	2.48	0.5	0.5	12.1	1	5.4	2.6	30.30	1300	7.3	20	0.11	2	6.3
103H10	4104	9	532154	5951957	6	0	PTCg	26.7	2.18	0.5	1.1	8.7	1	5.1	3.0	30.79	1120	4.2	20	0.05	2	6.3
103H10	4105	9	527122	5942138	6	10	PTCg	13.6	2.86	0.5	0.5	11.5	3	13.6	2.2	25.21	670	3.2	20	0.40	1	6.5
103H10	4106	9	527122	5942138	6	20	PTCg	13.9	2.77	1.0	0.5	11.8	1	10.1	2.3	25.09	730	3.0	20	0.41	1	6.5
103H10	4107	9	528811	5939349	6	0	KTgd	25.9	2.55	0.5	0.5	3.6	1	2.4	3.2	30.34	440	1.9	20	0.10	1	6.4
103H10	4108	9	524119	5940105	6	0	PTCg	34.7	2.30	0.5	1.1	6.5	1	4.2	5.2	30.41	340	2.8	20	0.05	3	6.2
103H10	4109	9	520821	5937526	6	0	PTCg	29.3	2.85	1.8	0.5	5.5	1	3.3	4.0	30.79	950	3.0	24	0.08	1	7.0
103H10	4110	9	526780	5935709	6	0	PTCg	39.8	1.69	1.1	0.5	5.2	1	3.6	4.0	29.63	670	5.9	20	0.05	2	6.4
103H10	4111	9	528456	5932558	6	0	PTCg	29.6	2.85	2.1	1.9	9.6	1	4.1	6.4	29.58	1450	3.1	20	0.11	2	6.5
103H10	4113	9	530373	5932385	6	0	PTCg	29.1	1.87	0.5	0.9	5.6	20	2.8	3.9	29.86	680	6.0	20	0.08	3	6.4
103H07	4114	9	520680	5920692	6	0	MKgd	19.1	2.62	0.5	1.1	7.8	1	5.6	2.2	25.36	1130	2.8	20	0.05	1	6.5
103H07	4115	9	521947	5920424	6	0	MKgd	18.2	2.05	0.5	0.5	6.5	1	4.9	2.2	29.58	1220	10.1	22	0.05	3	5.8
103H07	4116	9	522803	5912837	6	0	MKgd	9.3	2.46	3.1	0.9	11.4	1	4.1	2.2	27.60	550	10.6	20	0.05	2	5.8
103H07	4117	9	522469	5910435	6	0	MKgd	17.5	2.32	0.5	0.7	6.3	1	5.2	2.4	29.46	790	6.4	20	0.09	3	6.4
103H07	4118	9	521391	5913927	6	0	MKgd	14.1	3.10	2.2	1.1	10.9	1	6.5	3.1	26.77	500	4.2	22	0.05	2	5.8
103H07	4119	9	520076	5914165	6	0	MKgd	13.4	3.55	4.1	1.2	9.5	1	5.9	1.8	24.87	550	4.3	20	0.06	1	6.5
103H07	4120	9	517436	5912576	6	0	MKgd	17.3	2.34	0.5	0.5	12.6	1	9.3	2.8	27.65	1120	5.3	20	0.05	2	5.7
103H07	4122	9	513787	5909719	6	10	MKgd	10.1	3.20	0.5	0.5	9.0	1	8.3	2.3	25.44	920	6.3	20	0.08	2	6.0
103H07	4123	9	513787	5909719	6	20	MKgd	9.4	3.38	0.5	0.5	8.0	1	6.3	2.0	27.70	830	4.4	20	0.14	1	6.2
103H07	4124	9	510912	5912706	6	0	MKgd	16.2	2.68	0.5	0.5	6.5	1	4.1	2.5	25.84	700	6.0	20	0.05	4	6.2
103H07	4125	9	508115	5914530	6	0	OTrAs	16.2	2.67	1.9	0.7	7.9	1	5.5	2.7	27.70	530	4.6	20	0.05	2	6.1
103H07	4127	9	513240	5919207	6	0	MKgd	12.9	3.06	0.5	0.5	11.4	1	8.7	2.9	27.66	430	8.9	20	0.05	3	5.8
103H07	4128	9	516189	5917851	6	0	MKgd	12.2	3.00	0.5	1.3	9.9	1	6.2	2.8	29.79	430	6.5	22	0.36	2	6.8
103H07	4129	9	505062	5914151	6	0	MKgd	19.4	2.32	0.5	0.5	6.2	1	2.5	3.3	26.99	190	10.6	20	0.12	2	5.5
103H07	4130	9	502062	5911766	6	0	MKgd	24.3	2.32	0.5	1.4	8.6	1	4.2	4.9	27.88	440	6.3	20	0.06	3	5.7
103H07	4131	9	502134	5907806	6	0	MKgd	16.9	2.32	0.5	1.3	8.3	1	5.7	4.6	29.23	510	8.7	20	0.05	3	6.1
103H06	4132	9	494541	5908038	6	0	MKdn	26.3	2.31	1.8	0.5	3.5	1	2.7	4.1	28.51	290	11.7	20	0.05	10	5.7
103H06	4133	9	491395	5907636	6	0	MKgd	19.2	2.09	3.1	1.7	11.3	1	4.0	6.6	28.51	710	14.6	20	0.05	10	6.0
103H06	4134	9	492110	5911364	6	0	MKdn	17.6	2.32	0.5	1.1	1.9	1	1.9	3.1	29.77	900	11.0	20	0.05	3	7.1

Analytical Data

								S T R E A M S E D I M E N T																
								Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ce 5 ppm INAA	Cs 0.5 ppm INAA	Cr 20 ppm INAA	Co 5 ppm INAA	Eu 1 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.2 % INAA	La 2 ppm INAA	Lu 0.2 ppm INAA	Rb 15 ppm INAA	Sm 0.1 ppm INAA	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM																	
103H06	4135	9	493272	5911102	6	0	MKdn	0.3	2.0	380	114.0	33	1	26	14	1.3	2	6	5.10	16.9	0.19	15	4.2	
103H06	4136	9	496922	5913165	6	0	MKqd	0.1	1.5	550	15.4	87	2	34	15	2.1	5	21	6.42	40.6	0.48	15	7.2	
103H06	4137	9	496378	5913547	6	0	MKqd	0.1	3.2	690	9.6	90	1	51	23	2.7	2	29	9.06	48.0	0.58	15	8.3	
103H06	4138	9	494441	5913709	6	0	MKqd	0.1	3.0	580	40.6	54	2	38	25	1.9	2	13	9.06	21.1	0.38	15	5.8	
103H06	4139	9	497307	5915795	6	0	MKqd	0.1	2.6	440	18.7	52	1	39	14	1.7	2	9	5.63	22.1	0.44	15	5.6	
103H15	4140	9	519738	5963876	6	0	ETqd	0.1	3.7	810	15.7	53	2	44	19	1.6	2	6	5.76	28.5	0.31	15	5.3	
103H07	4142	9	515172	5910708	6	0	MKgd	0.1	3.0	890	12.5	126	1	11	9	3.0	2	32	4.22	63.7	0.50	15	9.3	
103H07	4143	9	512769	5912999	6	0	MKgd	0.1	3.2	500	27.9	81	1	19	8	2.1	2	16	3.21	41.6	0.30	15	6.7	
103H07	4144	9	509225	5911406	6	0	MKgd	0.1	2.5	950	16.9	53	1	11	7	1.6	2	13	2.60	30.5	0.23	15	4.3	
103H07	4145	9	510235	5916776	6	10	MKgd	0.4	3.4	880	7.4	108	1	15	7	2.9	5	13	3.98	57.2	0.27	15	9.3	
103H07	4146	9	510235	5916776	6	20	MKqd	0.4	3.0	880	15.1	79	1	13	7	2.1	2	10	3.08	41.4	0.20	15	6.8	
103H07	4147	9	513661	5919132	6	0	MKgd	0.1	1.5	700	25.3	63	1	5	5	1.7	2	9	2.96	34.9	0.22	15	5.6	
103H07	4148	9	516230	5918938	6	0	MKgd	0.1	2.2	850	12.1	91	1	12	5	2.4	2	15	2.95	49.4	0.25	15	7.8	
103H07	4149	9	504710	5916921	6	0	OTrAs	0.3	2.3	710	23.1	89	1	36	13	2.7	2	17	4.73	47.8	0.62	15	8.2	
103H07	4150	9	504640	5911699	6	0	MKgd	0.1	2.3	700	13.8	78	1	24	12	2.2	2	13	4.66	37.6	0.43	15	7.0	
103H07	4151	9	504228	5909928	6	0	MKgd	0.1	1.5	810	15.9	108	1	7	6	3.2	2	26	2.76	46.9	0.49	15	9.1	
103H06	4152	9	497310	5909726	6	0	MKqd	0.1	1.5	420	10.3	62	1	61	23	2.0	2	30	6.78	30.1	0.58	15	6.7	
103H06	4153	9	493002	5907492	6	0	MKdn	0.3	3.5	280	15.0	68	1	130	35	2.3	2	10	9.49	31.7	0.56	15	7.1	
103H06	4154	9	491158	5911340	6	0	MKdn	0.1	2.6	50	16.2	143	2	61	26	2.7	2	35	9.85	75.2	1.45	15	12.1	
103H06	4155	9	492668	5912318	6	0	MKd	0.1	2.5	50	20.2	47	1	60	23	1.7	3	13	6.75	22.0	0.39	15	5.6	
103H06	4156	9	494298	5911931	6	0	MKqd	0.1	2.1	450	17.2	71	1	45	24	2.3	2	14	9.46	35.0	0.41	15	7.1	
103H06	4157	9	497789	5913192	6	0	MKqd	0.1	3.4	580	11.2	110	1	39	17	3.1	2	32	6.82	54.4	0.66	15	9.5	
103H06	4158	9	495180	5916064	6	0	MKqd	0.1	1.9	720	4.4	73	1	31	16	2.1	2	9	5.55	35.2	0.43	15	6.6	
103H15	4160	9	514616	5960183	6	0	KTgd	0.1	2.2	470	34.3	52	2	65	19	1.4	2	8	5.30	28.2	0.38	15	4.9	
103H10	4162	9	515791	5954730	6	0	KTgd	0.1	4.0	530	14.2	67	2	68	19	2.0	2	12	5.03	36.0	0.45	15	6.8	
103H10	4163	9	513395	5938916	6	10	PTCg	0.1	2.6	710	5.0	33	1	100	22	1.3	2	3	6.55	18.7	0.46	15	4.3	
103H10	4164	9	513395	5938916	6	20	PTCg	0.1	4.0	720	4.4	32	1	98	23	1.4	2	2	6.34	18.4	0.44	69	4.4	
103H10	4165	9	515620	5937391	6	0	PTCg	0.1	2.8	490	7.2	89	2	102	32	2.3	5	6	8.44	45.1	0.91	41	8.6	
103H10	4166	9	518112	5934052	6	0	PTCg	0.1	0.5	500	0.5	140	1	47	15	3.6	4	15	5.84	70.3	1.13	33	11.7	
103H10	4167	9	519820	5930681	6	0	PTCg	0.3	1.9	310	4.5	110	1	59	26	3.0	2	13	8.04	57.2	0.81	15	9.6	
103H10	4168	9	523921	5928469	6	0	PTCg	0.1	2.0	410	0.5	105	1	33	20	2.9	2	11	7.40	56.7	0.75	15	9.2	
103H07	4169	9	516572	5925996	6	0	MKqd	0.3	1.2	490	12.1	63	2	23	15	1.9	2	8	4.77	31.0	0.40	15	6.3	
103H07	4170	9	518477	5923065	6	0	MKqd	0.1	1.4	750	5.2	128	2	35	14	3.7	2	32	5.10	67.0	0.50	15	11.3	
103H07	4171	9	514319	5923661	6	0	MKqd	0.3	1.8	770	28.8	121	2	7	8	3.5	3	21	4.00	64.6	0.40	15	10.8	
103H07	4172	9	511204	5925041	6	0	MKgd	0.1	2.1	680	10.6	145	1	13	9	3.9	3	37	4.46	74.9	0.49	15	12.7	
103H07	4173	9	502003	5919498	6	0	MKgd	0.1	2.9	610	6.3	141	1	5	9	3.6	5	25	4.64	73.0	0.47	15	11.6	
103H07	4175	9	504075	5923478	6	0	MKgd	0.1	2.7	670	13.1	127	1	18	11	3.6	7	21	4.97	62.2	0.51	15	11.4	
103H07	4176	9	500094	5926493	6	0	MKgd	0.1	3.0	680	14.4	89	1	22	9	2.4	2	13	3.28	47.1	0.37	15	7.9	
103H11	4177	9	497143	5928841	6	0	MKgd	0.3	1.6	770	23.6	83	1	16	7	2.0	2	10	2.95	43.8	0.49	15	7.0	
103H06	4178	9	496692	5923010	6	0	MKqd	0.3	3.2	740	11.1	83	2	92	18	2.7	2	10	5.11	43.2	0.46	15	8.0	

Analytical Data

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	S T R E A M S E D I M E N T										W A T E R				
								Sc	Na	Ta	Tb	Th	W	U	Yb	Wt	F	LOI	FW	UW	S04	pH
								0.2	0.02	0.5	0.5	0.2	1	0.2	2	0.01	0.2	1	20	0.05	1	0.1
								ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	gm	ppm	ppm	ppb	ppb	ppm	GCE
								INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	GRAV	ION	GRAV	ION	LIF	TURB	
103H06	4135	9	493272	5911102	6	0	MKdn	13.5	2.23	0.5	0.5	1.0	1	2.2	1.3	25.39	330	21.8	20	0.05	3	6.5
103H06	4136	9	496922	5913165	6	0	MKqd	20.4	2.46	2.4	0.5	5.5	1	1.5	3.2	29.62	340	6.2	20	0.05	3	5.9
103H06	4137	9	496378	5913547	6	0	MKqd	24.3	2.62	0.5	0.5	5.1	1	3.5	3.9	29.18	340	4.0	20	0.05	4	5.8
103H06	4138	9	494441	5913709	6	0	MKqd	20.4	2.38	0.5	0.5	0.2	1	0.5	2.5	28.16	400	10.9	20	0.05	3	5.5
103H06	4139	9	497307	5915795	6	0	MKqd	20.3	2.52	0.5	0.8	2.3	1	1.7	2.9	27.16	280	6.9	20	0.05	4	5.4
103H15	4140	9	519738	5963876	6	0	ETqd	18.2	1.85	0.5	0.5	4.9	1	0.5	2.1	25.88	340	14.6	22	0.05	7	5.2
103H07	4142	9	515172	5910708	6	0	MKgd	13.6	3.30	0.5	0.5	10.8	1	5.4	3.2	27.35	450	6.9	20	0.05	2	5.6
103H07	4143	9	512769	5912999	6	0	MKgd	11.4	2.84	0.5	0.5	6.2	8	3.6	2.0	27.17	370	12.5	20	0.05	3	5.9
103H07	4144	9	509225	5911406	6	0	MKgd	9.9	3.34	0.5	0.6	4.8	1	3.6	1.5	25.54	300	11.8	20	0.05	4	5.0
103H07	4145	9	510235	5916776	6	10	MKgd	11.0	3.57	0.5	0.5	8.0	1	4.2	1.8	26.84	600	3.0	20	0.08	2	6.2
103H07	4146	9	510235	5916776	6	20	MKgd	9.1	3.37	0.5	0.5	4.9	1	4.6	1.4	28.22	630	6.1	20	0.06	2	6.1
103H07	4147	9	513661	5919132	6	0	MKgd	8.6	2.93	0.5	0.5	5.3	1	3.0	1.4	26.79	460	11.6	20	0.06	1	6.1
103H07	4148	9	516230	5918938	6	0	MKgd	8.6	3.28	2.2	0.9	6.8	1	3.3	1.7	30.20	430	8.0	20	0.05	3	5.2
103H07	4149	9	504710	5916921	6	0	OTrAs	19.0	2.31	0.5	0.5	8.6	1	7.1	4.1	30.23	530	6.5	20	0.06	2	6.9
103H07	4150	9	504640	5911699	6	0	MKgd	16.3	2.72	0.5	1.2	7.2	1	3.0	2.9	28.20	410	5.6	20	0.05	2	5.8
103H07	4151	9	504228	5909928	6	0	MKgd	11.4	3.18	0.5	1.1	5.6	1	6.0	3.2	28.66	380	8.0	20	0.05	4	5.0
103H06	4152	9	497310	5909726	6	0	MKqd	25.4	2.72	0.5	0.9	1.9	1	0.5	3.9	27.91	370	4.6	20	0.05	10	4.6
103H06	4153	9	493002	5907492	6	0	MKdn	29.8	2.15	1.4	0.5	4.7	1	2.3	4.0	29.14	950	5.9	20	0.05	3	6.5
103H06	4154	9	491158	5911340	6	0	MKdn	26.2	2.54	3.8	2.1	11.5	1	7.2	9.4	28.71	820	5.5	20	0.05	3	6.5
103H06	4155	9	492668	5912318	6	0	MKd	21.8	2.58	0.5	0.5	2.1	1	1.9	2.5	27.26	490	13.3	20	0.05	4	5.4
103H06	4156	9	494298	5911931	6	0	MKqd	23.2	2.98	0.5	1.1	3.1	1	0.5	2.7	24.74	430	4.7	20	0.05	6	6.1
103H06	4157	9	497789	5913192	6	0	MKqd	21.9	2.58	1.9	1.0	7.1	1	2.0	4.3	29.80	310	4.4	20	0.05	3	5.4
103H06	4158	9	495180	5916064	6	0	MKqd	22.4	3.16	0.5	1.0	5.4	1	2.0	2.8	25.14	350	3.1	20	0.05	3	5.2
103H15	4160	9	514616	5960183	6	0	KTgd	20.1	1.89	0.5	0.5	4.7	1	2.1	2.5	24.54	280	19.3	28	0.05	3	5.6
103H10	4162	9	515791	5954730	6	0	KTgd	21.3	2.10	1.3	1.1	9.8	1	5.1	3.0	25.40	640	10.6	20	0.05	3	6.1
103H10	4163	9	513395	5938916	6	10	PTCg	33.3	2.05	0.5	1.0	4.7	1	2.9	3.1	30.43	600	4.6	20	0.05	3	6.7
103H10	4164	9	513395	5938916	6	20	PTCg	32.6	2.08	0.5	0.5	3.9	1	0.5	2.9	30.48	580	4.0	22	0.05	3	6.7
103H10	4165	9	515620	5937391	6	0	PTCg	36.4	2.08	1.4	1.4	8.6	1	4.2	6.1	27.12	800	4.4	20	0.05	3	6.5
103H10	4166	9	518112	5934052	6	0	PTCg	23.2	2.98	4.1	1.8	11.6	1	4.3	7.3	30.62	640	4.7	20	0.05	4	5.1
103H10	4167	9	519820	5930681	6	0	PTCg	29.9	2.77	3.7	1.3	7.9	1	5.0	5.5	29.05	550	3.4	20	0.05	3	5.9
103H10	4168	9	523921	5928469	6	0	PTCg	27.2	3.46	3.4	0.5	7.3	1	3.2	5.0	28.56	640	2.2	20	0.05	3	5.7
103H07	4169	9	516572	5925996	6	0	MKqd	16.8	2.32	1.2	0.8	4.6	1	3.7	2.6	28.32	460	10.3	20	0.05	3	5.8
103H07	4170	9	518477	5923065	6	0	MKqd	19.1	2.87	0.5	1.3	8.8	1	6.6	3.3	28.71	660	3.4	20	0.05	4	5.8
103H07	4171	9	514319	5923661	6	0	MKgd	10.3	2.62	0.5	0.8	7.5	1	4.9	2.6	26.28	560	15.6	20	0.05	3	5.5
103H07	4172	9	511204	5925041	6	0	MKgd	12.4	2.85	2.2	0.5	10.1	1	6.4	3.1	29.83	560	6.0	20	0.05	10	5.0
103H07	4173	9	502003	5919498	6	0	MKgd	12.1	3.44	0.5	1.3	9.9	1	4.5	3.0	23.85	440	2.5	20	0.05	5	5.6
103H07	4175	9	504075	5923478	6	0	MKgd	19.7	2.68	1.6	1.3	8.1	1	3.9	3.4	27.13	450	7.8	20	0.05	8	4.7
103H07	4176	9	500094	5926493	6	0	MKgd	12.7	3.19	0.5	0.5	6.9	1	4.3	2.4	26.08	280	7.1	20	0.05	3	5.1
103H11	4177	9	497143	5928841	6	0	MKgd	11.3	2.94	2.1	0.8	9.5	1	6.1	3.3	26.12	230	10.6	20	0.05	3	5.2
103H06	4178	9	496692	5923010	6	0	MKqd	19.5	2.47	2.9	1.0	6.7	1	4.9	3.0	28.66	410	7.8	20	0.05	3	5.0

Analytical Data

								S T R E A M S E D I M E N T															
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	Sb	As	Ba	Br	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Rb	Sm
								ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA	ppm INAA
103H06	4179	9	496406	5917918	6	0	MKqd	0.2	1.3	400	17.6	64	2	28	13	2.2	2	11	4.55	32.5	0.49	15	6.5
103H06	4180	9	496512	5919293	6	0	MKqd	0.2	3.2	390	43.8	41	3	27	12	1.4	4	7	4.22	18.8	0.37	15	5.0
103H15	4183	9	521402	5966787	6	0	PTCg	0.3	4.1	620	12.8	47	2	30	11	1.3	4	6	3.30	25.6	0.35	15	4.2
103H15	4184	9	517947	5962278	6	0	ETgd	0.1	2.0	680	21.0	54	1	28	7	1.4	2	12	2.18	27.9	0.28	48	4.6
103H10	4185	9	511840	5941282	6	10	PTCg	0.2	5.0	580	10.5	40	1	147	21	1.4	2	2	5.54	22.5	0.43	15	4.5
103H10	4186	9	511840	5941282	6	20	PTCg	0.1	4.0	620	11.2	42	1	129	21	1.5	2	2	5.42	23.0	0.42	15	4.8
103H10	4187	9	517209	5937132	6	0	PTCg	0.3	3.4	370	8.2	70	1	105	32	2.1	10	4	7.81	36.1	0.60	15	7.3
103H10	4188	9	517023	5934522	6	0	PTCg	0.1	0.5	280	21.4	221	2	46	21	3.6	7	22	5.68	115.0	2.02	15	17.1
103H10	4189	9	519402	5931982	6	0	PTCg	0.1	0.5	400	6.2	100	1	64	24	2.4	2	15	7.08	50.2	0.75	28	8.9
103H10	4190	9	522715	5928369	6	0	PTCg	0.1	0.5	550	7.0	102	2	66	24	3.2	2	13	7.52	52.9	0.60	15	9.7
103H10	4191	9	514895	5929372	6	0	MKqd	0.1	0.5	320	6.9	71	2	64	31	2.7	2	9	10.40	34.3	0.52	15	7.8
103H07	4192	9	522372	5924795	6	0	MKqd	0.7	3.2	1800	33.1	73	2	102	22	2.1	5	6	6.16	36.9	0.56	36	7.4
103H06	4193	9	494167	5918954	6	0	MKqd	0.1	2.7	520	38.0	59	1	25	12	2.0	2	11	4.41	25.6	0.36	15	5.9
103H10	4194	9	505196	5931181	6	0	MKqd	0.4	2.8	520	7.6	104	1	36	13	2.9	2	17	4.84	56.5	0.53	40	9.6
103H10	4195	9	510093	5929903	6	0	MKqd	0.1	2.4	470	4.3	92	1	18	9	2.5	2	11	3.59	46.8	0.32	15	8.4
103H10	4196	9	510629	5929933	6	0	MKqd	0.1	1.8	520	7.9	84	1	51	21	3.1	2	17	7.15	43.2	0.65	15	8.5
103H15	4197	9	522464	5961636	6	0	PTCg	0.1	2.3	760	0.5	66	1	46	18	1.8	2	5	5.64	36.7	0.35	38	6.5
103H15	4198	9	526480	5958655	6	0	PTCg	0.1	1.7	620	5.9	120	2	72	23	3.0	2	15	8.18	66.3	0.54	48	10.9
103H15	4199	9	527016	5956549	6	0	PTCg	0.1	3.3	730	4.0	107	1	33	21	2.4	2	11	7.10	55.2	0.41	15	8.7
103H15	4200	9	519115	5957951	6	0	PTCg	0.1	4.0	760	0.5	162	1	50	19	3.6	6	29	7.20	83.6	0.96	15	14.1
103H10	4202	9	520580	5943565	6	0	KTgd	0.3	1.6	410	8.2	37	1	70	21	1.4	4	5	5.33	16.9	0.53	52	5.1
103H10	4203	9	517978	5943296	6	0	PTCg	0.4	2.7	630	4.8	34	1	229	38	1.4	2	2	7.73	17.5	0.46	40	4.3
103H10	4204	9	519024	5941864	6	10	PTCg	0.1	1.5	400	0.5	64	1	103	31	2.1	414	6	8.26	33.1	0.67	15	7.2
103H10	4205	9	519024	5941864	6	20	PTCg	0.1	1.2	360	3.0	64	1	114	32	2.3	5	6	8.37	32.8	0.69	32	7.4
103H10	4206	9	516041	5941581	6	0	PTCg	0.1	3.3	530	7.4	47	1	84	24	1.8	2	4	8.16	25.1	0.63	15	5.7
103H10	4207	9	514141	5943618	6	0	PTCg	0.1	3.9	490	2.8	42	1	402	34	1.2	3	4	6.55	23.1	0.40	15	4.5
103H10	4208	9	516945	5950543	6	0	KTgd	0.3	5.6	810	11.0	87	2	30	15	2.5	2	26	4.93	46.7	0.59	30	8.2
103H10	4210	9	518958	5952028	6	0	KTgd	0.1	1.0	770	9.6	81	1	52	16	2.4	2	11	4.54	42.7	0.40	39	7.8
103H10	4211	9	526408	5952771	6	0	KTgd	0.4	2.3	800	14.5	66	2	34	10	1.8	2	10	3.78	34.7	0.30	15	6.4
103H10	4212	9	523331	5953187	6	0	KTgd	0.1	2.6	500	6.4	76	2	56	21	2.1	2	14	5.83	36.5	0.58	51	7.7
103H10	4213	9	527409	5951665	6	0	KTgd	0.1	2.1	560	13.3	66	1	45	17	1.9	4	9	5.13	32.5	0.39	15	6.4
103H10	4214	9	522948	5949033	6	0	KTgd	0.1	4.3	750	59.4	72	5	27	15	2.1	2	12	4.24	37.4	0.35	15	5.5
103H10	4215	9	524180	5945685	6	0	KTgd	0.1	4.9	650	5.4	77	3	29	8	1.8	2	20	3.88	47.7	0.38	70	4.9
103H10	4216	9	524185	5945296	6	0	PTCg	0.1	2.4	630	5.3	66	2	29	13	1.7	2	11	4.29	36.6	0.30	39	5.2
103H10	4217	9	522760	5945418	6	0	PTCg	0.1	6.0	610	5.6	33	1	39	21	1.3	3	5	5.69	18.1	0.34	15	4.3
103H10	4218	9	521890	5946741	6	0	KTgd	0.5	3.1	480	25.3	68	2	26	11	2.1	7	16	3.87	34.3	0.47	15	5.9
103H10	4219	9	519135	5947278	6	0	PTCg	0.1	4.2	580	9.1	31	2	65	23	1.4	5	5	5.76	14.1	0.33	15	4.0
103H10	4220	9	519342	5947928	6	0	KTgd	0.1	4.7	840	9.2	58	2	47	19	2.1	40	25	5.51	29.7	0.36	47	6.6
103H10	4222	9	516696	5945320	6	0	KTgd	0.5	1.9	580	6.3	51	3	101	32	2.0	6	5	7.73	25.7	0.85	15	6.7
103H10	4223	9	521600	5943070	6	10	KTgd	0.1	2.7	540	2.6	30	1	109	29	1.3	2	4	7.87	16.3	0.61	15	4.9

Analytical Data

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	S T R E A M S E D I M E N T										W A T E R				
								Sc	Na	Ta	Tb	Th	W	U	Yb	Wt	F	LOI	FW	UW	S04	pH
								0.2 ppm INAA	0.02 % INAA	0.5 ppm INAA	0.5 ppm INAA	0.2 ppm INAA	1 ppm INAA	0.2 ppm INAA	2 ppm INAA	0.01 gm GRAV	0.2 ppm ION	1 ppm GRAV	20 ppb ION	0.05 ppb LIF	1 ppm TURB	0.1 GCE
103H06	4179	9	496406	5917918	6	0	MKqd	18.9	2.59	0.5	0.5	4.7	1	2.5	3.4	30.09	260	7.2	20	0.05	5	5.3
103H06	4180	9	496512	5919293	6	0	MKqd	16.0	2.31	0.5	0.5	2.9	1	1.5	2.5	22.36	300	18.6	20	0.05	3	5.0
103H15	4183	9	521402	5966787	6	0	PTCg	12.3	2.27	0.5	0.5	4.8	1	2.1	2.2	29.51	250	10.4	30	0.05	12	6.6
103H15	4184	9	517947	5962278	6	0	ETgd	11.8	2.25	0.5	0.5	4.9	1	3.6	1.8	21.46	140	25.7	34	0.05	12	4.7
103H10	4185	9	511840	5941282	6	10	PTCg	27.8	1.80	0.5	0.5	3.6	1	4.5	2.8	29.36	470	7.6	20	0.05	4	6.8
103H10	4186	9	511840	5941282	6	20	PTCg	27.9	1.81	0.5	0.8	4.4	1	2.7	2.8	28.89	500	7.6	20	0.05	6	6.4
103H10	4187	9	517209	5937132	6	0	PTCg	31.4	1.91	1.6	0.5	5.6	1	2.0	4.0	30.12	740	6.0	20	0.05	5	6.3
103H10	4188	9	517023	5934522	6	0	PTCg	21.3	2.38	5.8	2.9	19.4	1	8.4	14.3	27.43	990	16.1	26	0.05	11	5.2
103H10	4189	9	519402	5931982	6	0	PTCg	25.3	2.43	0.5	1.4	8.4	1	6.0	5.0	28.83	580	6.1	20	0.05	6	5.6
103H10	4190	9	522715	5928369	6	0	PTCg	23.1	2.32	0.5	1.1	9.0	1	7.6	3.9	28.70	1310	4.4	20	0.05	3	6.7
103H10	4191	9	514895	5929372	6	0	MKqd	29.9	1.89	0.5	1.4	1.6	1	0.5	3.4	25.22	370	5.0	20	0.05	6	5.9
103H07	4192	9	522372	5924795	6	0	MKqd	25.8	1.80	0.5	1.2	7.3	1	5.9	3.7	28.06	480	8.3	20	0.05	10	6.3
103H06	4193	9	494167	5918954	6	0	MKqd	15.1	2.41	0.5	0.9	3.3	1	2.9	2.3	22.27	300	19.5	20	0.05	5	4.8
103H10	4194	9	505196	5931181	6	0	MKqd	19.2	2.43	0.5	1.2	9.0	1	4.6	3.5	29.92	410	4.7	20	0.05	6	5.4
103H10	4195	9	510093	5929903	6	0	MKqd	13.8	3.00	2.1	0.7	6.1	1	2.8	2.3	29.29	550	3.4	22	0.05	5	5.2
103H10	4196	9	510629	5929933	6	0	MKqd	28.2	2.15	0.5	1.3	7.7	1	5.1	4.4	30.80	470	5.3	20	0.05	6	5.8
103H15	4197	9	522464	5961636	6	0	PTCg	20.0	2.35	1.5	0.5	7.7	1	3.9	2.3	30.13	600	3.1	20	0.06	3	6.8
103H15	4198	9	526480	5958655	6	0	PTCg	21.2	1.94	1.9	1.3	13.4	1	11.3	3.6	29.42	920	6.0	20	0.26	6	6.9
103H15	4199	9	527016	5956549	6	0	PTCg	19.2	2.56	1.4	1.2	10.4	1	5.2	2.7	29.06	880	3.4	20	0.09	3	6.7
103H15	4200	9	519115	5957951	6	0	PTCg	28.0	2.61	0.5	1.7	15.1	1	6.5	6.1	25.75	690	1.3	20	0.05	3	6.5
103H10	4202	9	520580	5943565	6	0	KTgd	21.7	2.08	0.5	0.9	3.1	1	3.3	3.5	30.90	560	6.2	20	0.05	3	7.1
103H10	4203	9	517978	5943296	6	0	PTCg	40.7	1.31	0.5	0.9	4.4	1	1.8	3.0	29.20	390	4.1	20	0.05	7	6.9
103H10	4204	9	519024	5941864	6	10	PTCg	37.4	1.84	0.5	0.5	5.5	1	3.3	4.4	29.36	690	2.3	20	0.05	3	6.9
103H10	4205	9	519024	5941864	6	20	PTCg	38.4	1.87	0.5	0.5	6.1	1	2.7	4.6	29.25	450	2.9	20	0.05	3	7.0
103H10	4206	9	516041	5941581	6	0	PTCg	35.0	1.95	0.5	1.1	5.4	1	4.2	4.2	29.29	440	3.4	20	0.08	4	7.1
103H10	4207	9	514141	5943618	6	0	PTCg	22.8	2.12	0.5	0.5	4.8	1	2.5	2.8	29.84	280	4.1	20	0.05	3	6.7
103H10	4208	9	516945	5950543	6	0	KTgd	17.7	2.30	0.5	0.9	12.0	1	5.0	3.7	25.47	550	12.7	20	0.05	3	6.5
103H10	4210	9	518958	5952028	6	0	KTgd	17.5	2.58	0.5	0.5	8.1	1	3.5	2.6	29.44	680	10.5	20	0.05	3	6.5
103H10	4211	9	526408	5952771	6	0	KTgd	11.7	2.62	2.1	0.9	6.0	1	3.3	2.0	28.25	220	13.7	22	0.05	3	6.1
103H10	4212	9	523331	5953187	6	0	KTgd	23.3	2.19	0.5	0.5	6.0	1	3.4	3.8	30.12	540	6.6	20	0.05	4	6.8
103H10	4213	9	527409	5951665	6	0	KTgd	18.2	2.27	1.2	0.5	5.8	1	6.7	2.5	27.24	530	9.2	20	0.05	3	6.5
103H10	4214	9	522948	5949033	6	0	KTgd	13.1	2.33	0.5	0.8	8.6	1	49.2	2.3	22.54	380	13.7	20	0.38	3	6.6
103H10	4215	9	524180	5945685	6	0	KTgd	10.6	2.64	0.5	0.5	35.7	1	22.3	2.1	30.28	380	4.7	20	1.40	3	6.2
103H10	4216	9	524185	5945296	6	0	PTCg	13.1	2.48	0.5	0.5	13.6	1	14.9	1.8	28.93	490	6.3	20	1.30	3	6.6
103H10	4217	9	522760	5945418	6	0	PTCg	20.5	2.46	0.5	0.5	2.6	1	1.5	2.3	30.17	430	4.4	20	0.05	2	6.5
103H10	4218	9	521890	5946741	6	0	KTgd	16.2	2.39	0.5	0.8	9.3	1	27.2	3.2	26.09	440	12.8	20	0.65	2	6.2
103H10	4219	9	519135	5947278	6	0	PTCg	18.4	2.13	0.5	0.5	1.8	1	3.4	2.2	29.09	660	11.0	20	0.08	2	6.6
103H10	4220	9	519342	5947928	6	0	KTgd	18.1	2.37	0.5	0.5	5.5	1	5.4	2.4	30.01	840	7.6	20	0.06	3	6.5
103H10	4222	9	516696	5945320	6	0	KTgd	32.1	1.70	0.5	1.0	5.6	1	2.3	5.7	28.99	560	6.8	20	0.05	3	6.4
103H10	4223	9	521600	5943070	6	10	KTgd	34.9	2.24	0.5	1.0	3.0	1	2.8	4.3	29.40	390	2.9	20	0.05	3	6.7

Analytical Data

								S T R E A M S E D I M E N T																			
								Sb	As	Ba	Br	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Rb	Sm				
								0.1	0.5	50	0.5	5	0.5	20	5	1	2	1	0.2	2	0.2	15	0.1				
								ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm				
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA				
103H10	4225	9	521600	5943070	6	20	KTgd	0.1	1.9	420	0.5	33	1	119	28	1.3	5	4	8.13	16.7	0.61	15	4.7				
103H10	4226	9	519304	5942084	6	0	PTCg	0.1	4.3	370	3.2	38	1	90	25	1.4	4	3	6.47	19.5	0.53	15	4.6				
103H10	4227	9	514006	5943088	6	0	PTCg	0.1	3.2	570	8.1	37	2	81	25	1.3	2	3	6.40	21.6	0.56	35	4.8				
103H10	4228	9	518647	5950707	6	0	KTgd	0.1	2.7	520	6.9	61	2	24	13	1.9	2	11	4.09	32.2	0.50	29	7.2				
103H10	4229	9	520295	5953051	6	0	KTgd	0.1	4.5	600	65.9	34	2	116	28	1.8	2	4	5.74	18.5	0.40	15	5.5				
103H10	4230	9	521791	5952459	6	0	KTgd	0.1	3.4	620	6.3	65	1	46	16	2.3	5	8	5.40	33.9	0.35	28	7.8				
103H10	4231	9	524699	5952347	6	0	KTgd	0.1	5.3	560	24.0	55	1	24	11	1.6	3	11	3.78	29.8	0.25	15	6.3				
103H10	4232	9	527025	5951111	6	0	KTgd	0.4	3.6	630	5.4	123	1	47	18	3.6	2	28	6.49	66.7	0.66	15	12.2				

Analytical Data

									S T R E A M S E D I M E N T										W A T E R				
									Sc	Na	Ta	Tb	Th	W	U	Yb	Wt	F	LOI	FW	UW	S04	pH
									0.2	0.02	0.5	0.5	0.2	1	0.2	2	0.01	0.2	1	20	0.05	1	0.1
									ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	gm	ppm	ppm	ppb	ppb	ppm	
MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	FORM		INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	GRAV	ION	GRAV	ION	LIF	TURB	GCE
103H10	4225	9	521600	5943070	6	20	KTgd		35.6	2.23	0.5	0.5	3.1	1	1.2	4.4	29.61	380	2.2	20	0.05	3	6.6
103H10	4226	9	519304	5942084	6	0	PTCg		34.4	2.27	0.5	0.9	4.4	1	1.7	3.5	29.83	610	1.1	20	0.05	3	6.8
103H10	4227	9	514006	5943088	6	0	PTCg		28.9	1.67	0.5	0.8	5.4	1	3.1	3.8	29.40	500	7.5	20	0.05	3	7.0
103H10	4228	9	518647	5950707	6	0	KTgd		16.8	1.97	1.2	1.0	8.3	1	5.2	3.3	30.60	710	9.1	20	0.05	2	6.5
103H10	4229	9	520295	5953051	6	0	KTgd		27.0	1.95	0.5	0.5	2.3	1	4.5	2.7	20.80	550	19.1	20	0.11	2	7.3
103H10	4230	9	521791	5952459	6	0	KTgd		18.1	2.75	0.5	0.5	4.6	4	3.0	2.3	29.33	590	3.7	20	0.06	1	6.7
103H10	4231	9	524699	5952347	6	0	KTgd		10.0	2.39	0.5	0.5	4.6	1	3.4	1.8	23.64	340	17.2	20	0.05	2	6.6
103H10	4232	9	527025	5951111	6	0	KTgd		24.7	2.30	1.8	1.3	10.9	1	7.4	4.4	30.16	780	3.0	20	0.09	2	6.6

STREAM SEDIMENT AND WATER GEOCHEMISTRY OF THE TRIUMPH BAY AREA

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APPENDIX B

**** SUMMARY STATISTICS ****

Notes:

- Calculations ignore missing values and analytical results from the second of paired field duplicates.
- Underlying geology at each sample site was determined from MacIntyre *et al.*, 1996.

Summary Statistics

Variable	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	%	ppm	ppm	%	ppm	ppb
D.L.	0.01	0.02	0.1	0.5	0.02	0.01	0.01	0.5	0.1	0.01	0.2	0.2	0.01	0.5	0.01	0.01	1	5
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196
N >	196	50	192	196	95	185	196	196	196	196	196	100	196	195	196	196	196	183
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.94	0.03	0.66	91.64	0.03	0.05	0.65	15.63	7.12	15.92	4.47	0.46	1.79	3.81	2.22	0.50	302.7	19.9
Median	0.87	0.02	0.60	75.30	0.02	0.03	0.64	12.40	6.90	13.40	4.30	0.30	1.76	3.30	2.00	0.47	285.0	15.0
Mode	0.46	0.02	0.60	19.50	0.02	0.02	0.45	7.10	6.80	0.93	2.90	0.20	1.99	2.40	1.54	0.36	174.0	7.0
Range	1.81	0.89	4.8	283.3	0.35	0.58	1.44	175.0	16.7	65.63	7.3	2.9	3.29	14.7	7.44	1.61	1700	83
St Dev	0.40	0.07	0.60	60.76	0.04	0.06	0.30	15.25	3.61	12.98	1.41	0.44	0.58	2.34	1.17	0.24	175.95	14.96
Coef Var	0.422	2.120	0.909	0.663	1.068	1.132	0.465	0.975	0.506	0.815	0.315	0.946	0.324	0.613	0.526	0.485	0.581	0.751
Log Mean	-0.066	-1.613	-0.277	1.868	-1.545	-1.426	-0.247	1.098	0.787	1.001	0.630	-0.452	0.226	0.506	0.296	-0.355	2.423	1.200
Geo Mean	0.86	0.02	0.53	73.78	0.03	0.04	0.57	12.54	6.12	10.02	4.26	0.35	1.68	3.21	1.98	0.44	264.8	15.8
Log StDv	0.194	0.196	0.276	0.294	0.212	0.308	0.245	0.272	0.256	0.481	0.134	0.293	0.157	0.263	0.205	0.228	0.228	0.290
Log CVar	-2.941	-0.121	-0.996	0.158	-0.137	-0.216	-0.997	0.248	0.326	0.481	0.214	-0.649	0.697	0.520	0.693	-0.643	0.094	0.242
Percentls																		
Minimum	0.25	0.02	0.1	14.7	0.02	0.01	0.08	2.8	0.9	0.67	2.0	0.2	0.36	0.5	0.60	0.08	48	5
10th	0.46	0.02	0.2	28.9	0.02	0.02	0.25	6.0	2.6	1.63	2.9	0.2	1.05	1.4	1.00	0.21	129	7
20th	0.57	0.02	0.3	38.2	0.02	0.02	0.38	7.3	3.5	3.29	3.1	0.2	1.28	2.2	1.37	0.28	174	8
30th	0.67	0.02	0.4	52.2	0.02	0.02	0.48	8.9	4.8	6.26	3.6	0.2	1.45	2.5	1.54	0.36	212	11
40th	0.79	0.02	0.5	63.1	0.02	0.03	0.55	10.4	5.9	8.71	3.9	0.2	1.61	2.8	1.76	0.40	239	13
50th	0.87	0.02	0.6	75.3	0.02	0.03	0.64	12.4	6.9	13.40	4.3	0.3	1.76	3.3	2.00	0.47	285	15
60th	1.02	0.02	0.6	86.8	0.03	0.04	0.71	15.0	7.5	17.12	4.6	0.4	1.96	3.9	2.22	0.55	319	19
70th	1.15	0.02	0.7	108.5	0.03	0.05	0.78	17.2	9.0	23.00	5.0	0.5	2.03	4.2	2.42	0.61	362	23
80th	1.27	0.03	0.8	143.5	0.04	0.06	0.90	20.7	10.4	27.16	5.6	0.7	2.28	5.0	2.85	0.69	405	27
85th	1.35	0.03	0.9	155.8	0.04	0.08	0.98	23.9	11.2	29.06	6.0	0.8	2.44	5.7	3.10	0.74	423	31
90th	1.47	0.04	1.0	179.9	0.05	0.08	1.05	26.1	12.1	31.98	6.3	1.0	2.52	7.0	3.38	0.81	460	37
95th	1.67	0.05	1.3	216.4	0.07	0.14	1.15	30.5	13.3	38.99	7.3	1.1	2.78	8.9	4.53	0.91	504	52
98th	1.91	0.10	2.7	244.0	0.10	0.21	1.33	44.0	15.0	47.29	7.7	1.6	2.91	10.0	5.56	1.04	646	70
99th	2.00	0.11	3.0	288.4	0.14	0.22	1.39	53.5	16.0	58.52	8.4	2.3	3.03	11.1	6.44	1.07	677	73
Maximum	2.06	0.91	4.9	298.0	0.37	0.59	1.52	177.8	17.6	66.30	9.3	3.1	3.65	15.2	8.04	1.69	1748	88

Summary Statistics

Variable	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
Units	ppm	ppm	%	%	ppm	ppm	ppb	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
D.L.	0.01	0.1	0.001	0.01	0.1	0.1	2	0.001	0.5	0.01	0.02	0.02	0.1	0.001	0.2	0.1	2	0.1
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196
N >	196	196	196	196	196	196	196	196	196	169	22	171	182	196	15	184	196	196
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.63	7.66	0.19	0.21	1.39	0.30	29.2	0.02	39.60	0.04	0.02	0.06	1.14	0.12	0.26	1.27	48.3	36.25
Median	0.43	6.20	0.18	0.18	1.30	0.20	26.0	0.02	32.00	0.03	0.02	0.06	0.60	0.10	0.20	0.60	46.0	34.70
Mode	0.09	2.70	0.15	0.10	1.30	0.10	7.0	0.01	11.60	0.02	0.02	0.04	0.40	0.09	0.20	0.30	38.0	20.50
Range	5.55	68.4	0.969	0.53	4.8	1.9	100	0.063	147.0	0.15	0.12	0.24	23.8	0.951	9.2	35.8	97	84.1
St Dev	0.78	6.91	0.12	0.11	0.71	0.30	18.08	0.01	26.27	0.03	0.01	0.04	2.26	0.13	0.66	3.13	17.72	13.75
Coef Var	1.241	0.902	0.654	0.542	0.512	1.018	0.620	0.534	0.663	0.751	0.436	0.595	1.987	1.088	2.494	2.459	0.367	0.379
Log Mean	-0.456	0.749	-0.814	-0.752	0.089	-0.652	1.382	-1.752	1.519	-1.488	-1.673	-1.267	-0.219	-1.000	-0.667	-0.210	1.654	1.527
Geo Mean	0.35	5.61	0.15	0.18	1.23	0.22	24.1	0.02	33.02	0.03	0.02	0.05	0.60	0.10	0.22	0.62	45.1	33.63
Log StDv	0.492	0.353	0.305	0.255	0.219	0.307	0.279	0.192	0.259	0.307	0.089	0.257	0.438	0.218	0.150	0.445	0.165	0.174
Log CVar	-1.079	0.472	-0.375	-0.339	2.458	-0.471	0.202	-0.110	0.171	-0.206	-0.053	-0.203	-2.007	-0.218	-0.225	-2.117	0.100	0.114
Percentls																		
Minimum	0.04	0.9	0.011	0.03	0.3	0.1	5	0.006	6.1	0.01	0.02	0.02	0.1	0.039	0.2	0.1	10	7.0
10th	0.07	1.8	0.063	0.08	0.6	0.1	9	0.011	16.4	0.01	0.02	0.02	0.2	0.056	0.2	0.2	29	20.5
20th	0.10	2.5	0.108	0.10	0.8	0.1	13	0.013	20.0	0.02	0.02	0.03	0.3	0.068	0.2	0.3	34	23.6
30th	0.17	3.7	0.135	0.14	1.0	0.1	18	0.014	23.3	0.02	0.02	0.04	0.4	0.080	0.2	0.4	38	27.6
40th	0.28	4.8	0.157	0.15	1.2	0.2	21	0.016	28.2	0.03	0.02	0.04	0.4	0.086	0.2	0.4	42	30.4
50th	0.43	6.2	0.175	0.18	1.3	0.2	26	0.017	32.0	0.03	0.02	0.06	0.6	0.101	0.2	0.6	46	34.7
60th	0.58	7.6	0.194	0.21	1.4	0.2	31	0.018	36.3	0.04	0.02	0.07	0.7	0.109	0.2	0.7	50	39.0
70th	0.70	9.0	0.209	0.25	1.6	0.3	35	0.020	44.7	0.05	0.02	0.08	0.9	0.121	0.2	0.9	54	43.0
80th	0.85	12.1	0.240	0.30	1.8	0.4	42	0.025	50.1	0.06	0.02	0.09	1.2	0.138	0.2	1.2	62	47.2
85th	1.05	12.9	0.258	0.33	1.9	0.4	45	0.028	62.5	0.07	0.02	0.10	1.5	0.148	0.2	1.5	68	49.5
90th	1.32	15.2	0.287	0.37	2.1	0.5	50	0.031	76.7	0.09	0.03	0.11	2.1	0.155	0.2	1.9	72	52.7
95th	1.77	17.5	0.390	0.41	2.7	0.8	60	0.039	96.9	0.11	0.03	0.13	3.6	0.172	0.4	4.1	84	58.8
98th	3.16	21.6	0.492	0.47	3.6	1.4	78	0.054	106.4	0.13	0.03	0.16	5.4	0.243	0.5	8.1	90	71.8
99th	4.11	23.9	0.510	0.49	3.7	1.7	85	0.063	134.4	0.15	0.04	0.17	10.3	0.990	0.7	12.8	92	72.3
Maximum	5.59	69.3	0.980	0.56	5.1	2.0	105	0.069	153.1	0.16	0.14	0.26	23.9	0.990	9.4	35.9	107	91.1

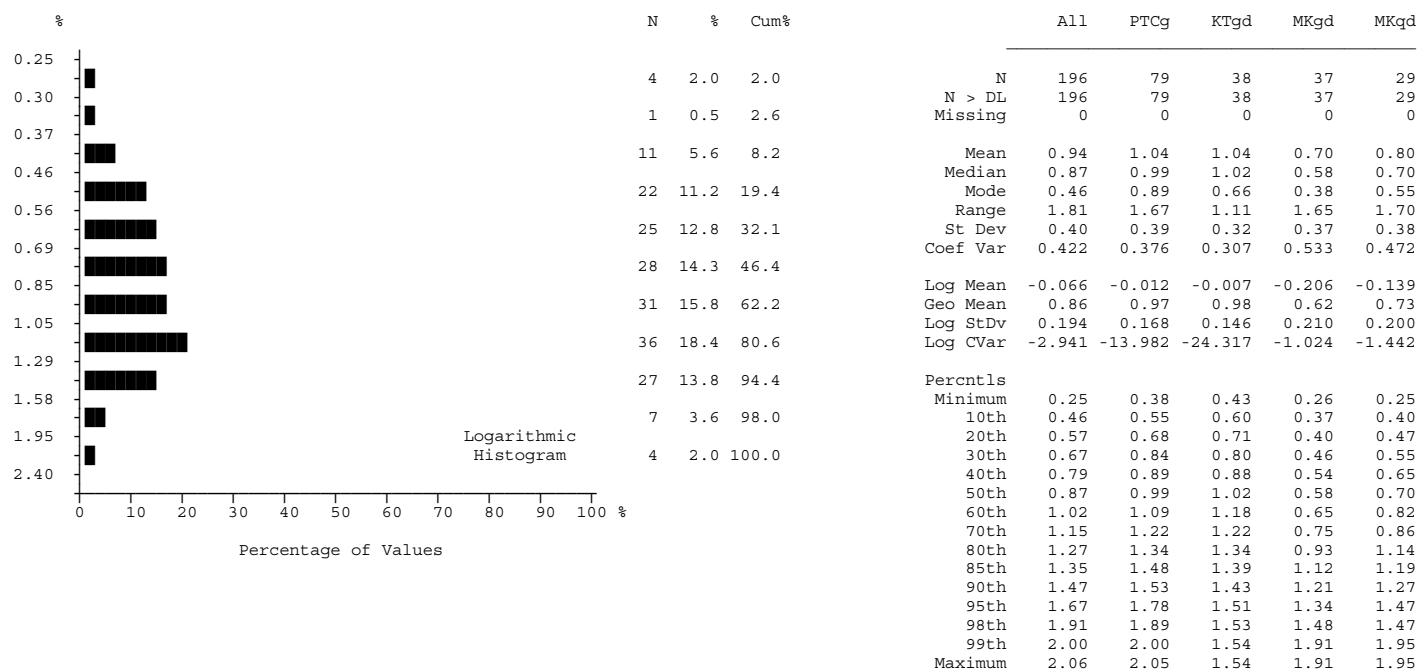
Summary Statistics

Variable	Sb	As	Ba	Br	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Rb	Sm
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm
D.L.	0.1	0.5	50	0.5	5	0.5	20	5	1	2	1	0.2	2	0.2	15	0.1
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
N	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196
N > DL	63	162	194	175	196	196	167	192	196	63	196	196	196	192	196	196
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.19	2.31	656.6	11.11	78.1	1.5	53.5	18.1	2.29	5.2	11.9	5.77	42.29	0.50	23.0	7.90
Median	0.10	2.30	630.0	7.60	71.0	1.0	46.0	18.0	2.10	2.0	10.0	5.55	37.50	0.44	15.0	7.20
Mode	0.10	0.50	500.0	0.50	66.0	1.0	19.0	15.0	2.10	2.0	6.0	2.95	16.90	0.40	15.0	6.70
Range	1.2	6.5	1750	113.5	191	4	397	33	4.4	412	42	9.52	100.9	1.87	57	13.1
St Dev	0.16	1.26	226.34	12.74	33.73	0.67	41.15	7.29	0.83	29.52	8.16	1.76	19.03	0.25	13.83	2.72
Coef Var	0.859	0.545	0.345	1.147	0.432	0.458	0.770	0.404	0.360	5.666	0.688	0.304	0.450	0.494	0.602	0.345
Log Mean	-0.830	0.277	2.788	0.826	1.855	0.126	1.631	1.215	0.336	0.434	0.983	0.740	1.584	-0.336	1.304	0.875
Geo Mean	0.15	1.89	613.9	6.70	71.6	1.3	42.7	16.4	2.17	2.7	9.6	5.50	38.41	0.46	20.1	7.50
Log StDv	0.266	0.305	0.177	0.492	0.182	0.171	0.300	0.201	0.142	0.259	0.284	0.139	0.191	0.176	0.207	0.136
Log CVar	-0.321	1.100	0.064	0.596	0.980	1.367	0.184	0.166	0.425	0.598	0.289	0.187	0.121	-0.524	0.159	0.155
Percentls																
Minimum	0.1	0.5	50	0.5	30	1	5	5	1.1	2	2	2.18	14.1	0.15	15	4.0
10th	0.1	0.5	400	0.5	43	1	18	9	1.4	2	4	3.59	21.9	0.29	15	5.2
20th	0.1	1.3	490	4.0	47	1	25	11	1.6	2	5	4.22	25.1	0.35	15	5.8
30th	0.1	1.6	520	5.2	57	1	30	13	1.8	2	6	4.71	30.1	0.39	15	6.4
40th	0.1	2.0	580	6.3	66	1	39	15	1.9	2	8	5.13	34.3	0.40	15	6.7
50th	0.1	2.3	630	7.6	71	1	46	18	2.1	2	10	5.55	37.5	0.44	15	7.2
60th	0.1	2.6	700	9.4	78	1	52	21	2.2	2	11	6.16	43.1	0.47	15	7.8
70th	0.2	2.9	760	11.3	87	2	60	23	2.5	3	13	6.78	47.5	0.52	15	8.5
80th	0.3	3.3	810	14.4	105	2	72	25	2.9	4	16	7.40	57.2	0.61	36	9.4
85th	0.3	3.5	880	17.4	117	2	84	26	3.1	5	21	7.53	64.6	0.66	39	10.1
90th	0.4	3.7	900	23.1	127	2	100	27	3.6	5	24	7.94	70.1	0.78	43	11.6
95th	0.5	4.3	1000	33.1	141	3	110	30	3.9	7	30	8.44	80.7	1.00	51	13.4
98th	0.6	5.2	1100	43.8	160	3	143	32	4.5	9	34	9.49	86.6	1.18	63	16.5
99th	0.7	5.6	1300	59.4	162	3	147	34	4.9	12	37	9.85	97.0	1.45	70	16.6
Maximum	1.3	7.0	1800	114.0	221	5	402	38	5.5	414	44	11.70	115.0	2.02	72	17.1

Summary Statistics

Variable	Sc	Na	Ta	Tb	Th	W	U	Yb	F	LOI	FW	SO4	UW	PH
Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppb	
D.L.	0.2	0.02	0.5	0.5	0.2	1	0.2	2	10	0.1	20	1	0.05	0.1
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ION	GRAV	ION	TURB	LIF	GCE
N	196	196	196	196	196	196	196	196	196	196	195	195	195	195
N > DL	196	196	67	111	195	5	196	170	196	196	13	161	77	195
Missing	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Mean	20.98	2.45	1.09	0.89	7.47	1.2	5.13	3.33	567.5	6.54	20.3	3.2	0.09	6.15
Median	20.10	2.43	0.50	0.80	6.80	1.0	4.30	2.90	470.0	5.60	20.0	3.0	0.05	6.30
Mode	19.20	2.32	0.50	0.50	5.60	1.0	2.80	2.50	430.0	4.70	20.0	3.0	0.05	6.50
Range	37.5	2.41	5.3	2.4	35.5	19	48.7	13.4	1310	24.7	14	11	1.35	2.9
St Dev	7.56	0.42	1.04	0.49	4.13	1.47	4.56	1.70	259.80	4.39	1.48	2.20	0.15	0.58
Coef Var	0.361	0.171	0.946	0.543	0.553	1.258	0.888	0.510	0.458	0.672	0.073	0.682	1.600	0.095
Log Mean	1.292	0.383	-0.093	-0.101	0.806	0.019	0.616	0.482	2.714	0.721	1.307	0.425	-1.164	0.786
Geo Mean	19.58	2.42	0.81	0.79	6.40	1.0	4.13	3.03	517.2	5.26	20.3	2.7	0.07	6.12
Log StDv	0.166	0.075	0.310	0.206	0.264	0.129	0.286	0.180	0.185	0.297	0.026	0.267	0.251	0.043
Log CVar	0.129	0.195	-3.332	-2.042	0.328	6.799	0.465	0.374	0.068	0.413	0.020	0.629	-0.216	0.055
Percentls														
Minimum	6.6	1.31	0.5	0.5	0.2	1	0.5	0.9	140	1.0	20	1	0.05	4.4
10th	11.4	1.90	0.5	0.5	3.0	1	2.0	1.8	300	1.9	20	1	0.05	5.2
20th	13.8	2.09	0.5	0.5	4.5	1	2.7	2.2	370	3.0	20	2	0.05	5.6
30th	16.8	2.24	0.5	0.5	5.2	1	3.2	2.5	410	3.9	20	2	0.05	5.9
40th	18.2	2.32	0.5	0.5	6.0	1	3.6	2.6	430	4.6	20	2	0.05	6.1
50th	20.1	2.43	0.5	0.8	6.8	1	4.3	2.9	470	5.6	20	3	0.05	6.3
60th	21.9	2.54	0.5	0.9	7.9	1	5.0	3.2	550	6.3	20	3	0.05	6.4
70th	24.5	2.62	1.2	1.1	8.9	1	5.6	3.5	610	7.5	20	3	0.07	6.5
80th	28.1	2.79	1.8	1.2	10.1	1	6.5	4.0	740	9.9	20	4	0.09	6.6
85th	29.3	2.86	2.0	1.3	11.3	1	7.3	4.4	850	10.6	20	5	0.11	6.7
90th	30.7	2.94	2.4	1.4	12.0	1	8.0	5.2	990	12.2	20	6	0.13	6.8
95th	34.8	3.19	3.5	1.8	13.9	1	9.9	6.6	1130	15.6	22	7	0.21	6.9
98th	37.4	3.44	4.1	2.3	17.2	3	14.9	7.4	1220	19.1	24	10	0.40	7.1
99th	39.8	3.55	4.7	2.5	19.3	4	22.3	9.4	1300	19.5	28	11	0.65	7.1
Maximum	44.1	3.72	5.8	2.9	35.7	20	49.2	14.3	1450	25.7	34	12	1.40	7.3

Summary Statistics



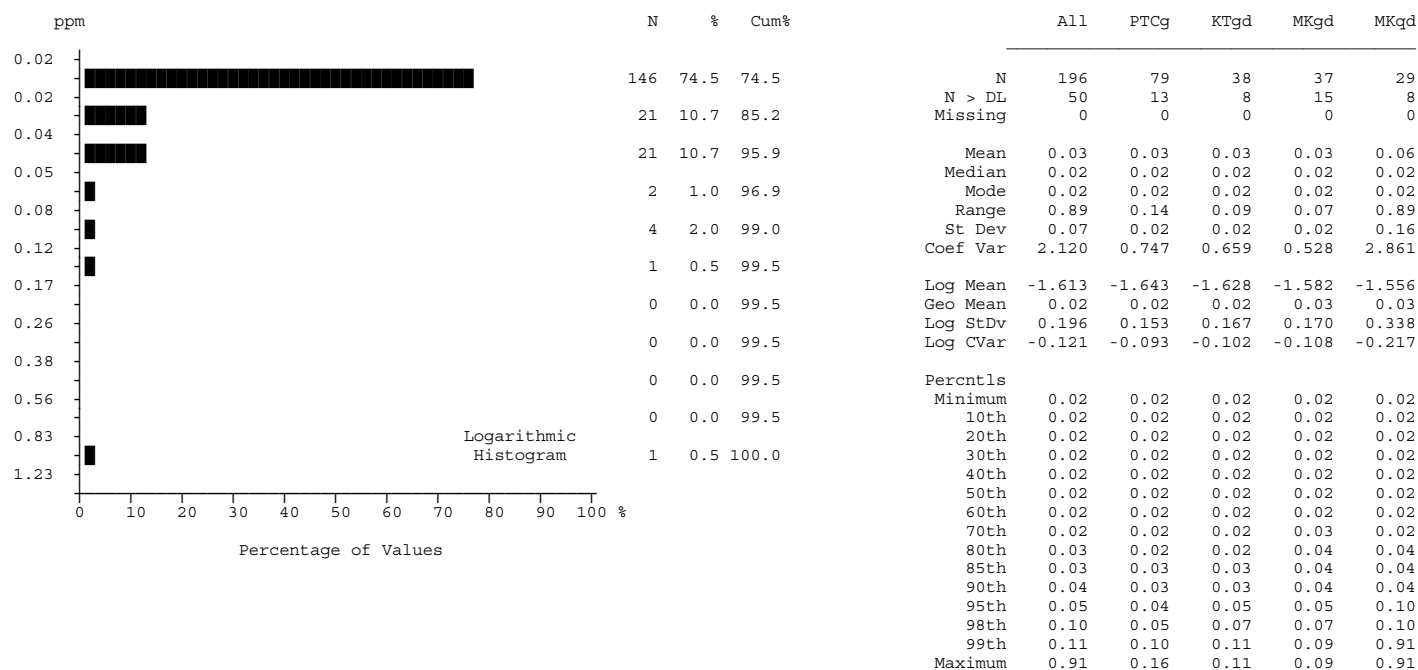
Aluminum (Al)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Aluminum by ICPMS

Summary Statistics



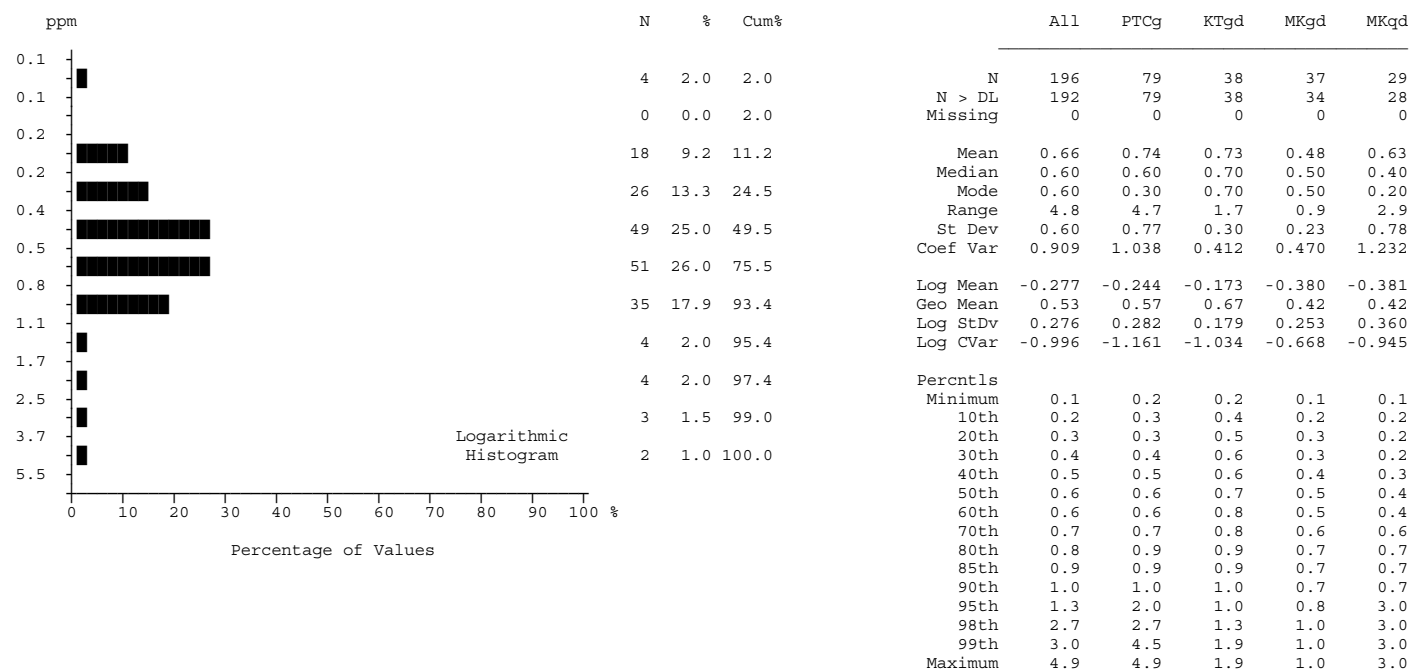
Antimony (Sb)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Antimony by ICPMS

Summary Statistics



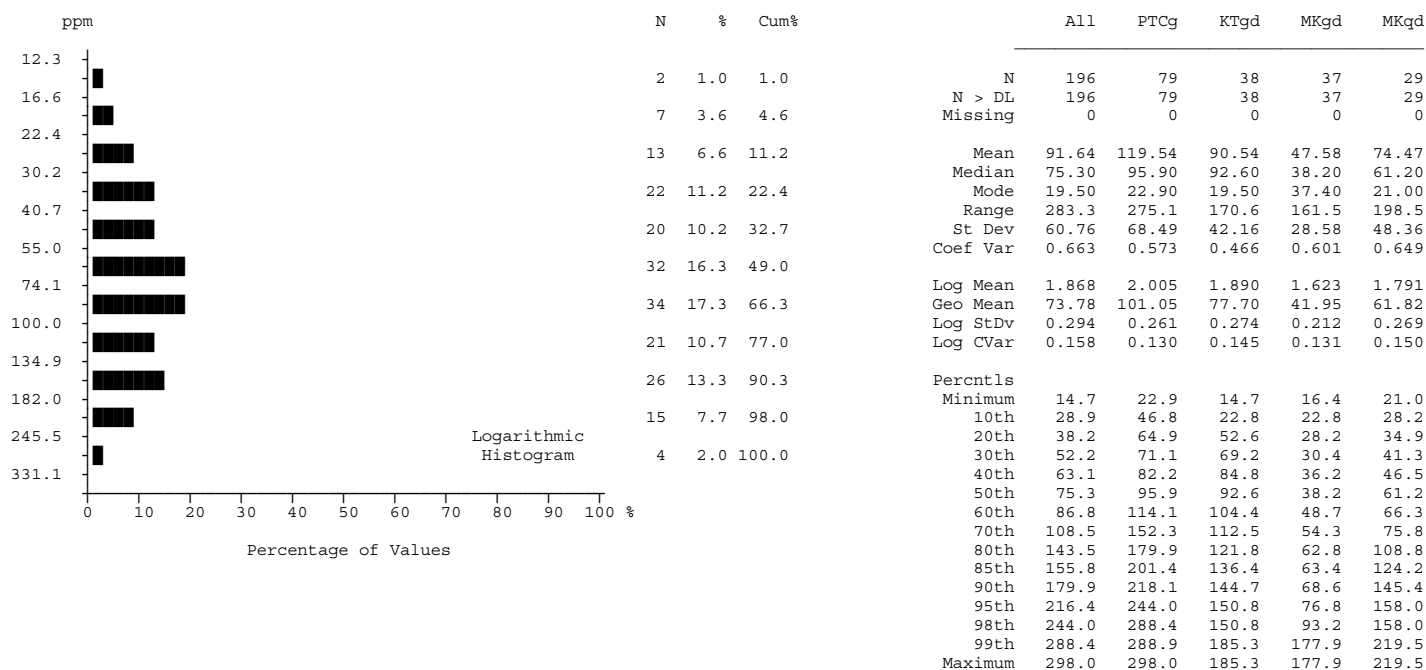
Arsenic (As)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Arsenic by ICPMS

Summary Statistics



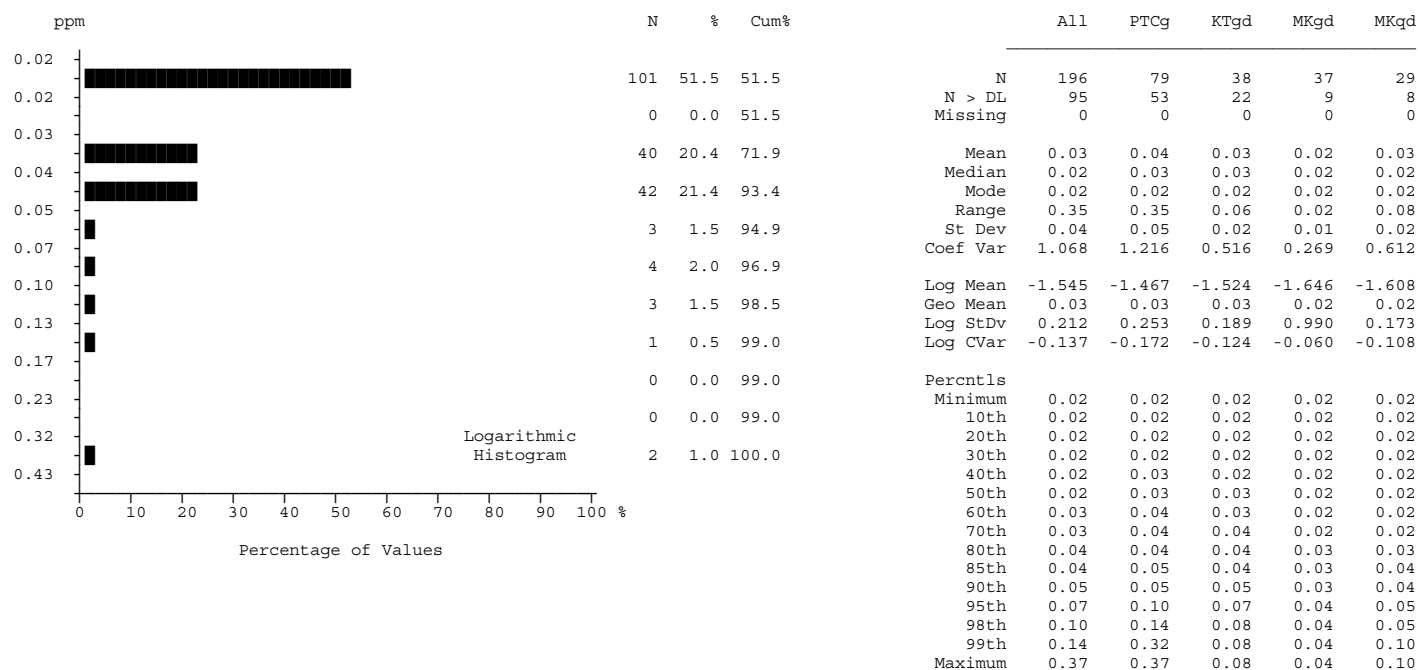
Barium (Ba)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Barium by ICPMS

Summary Statistics



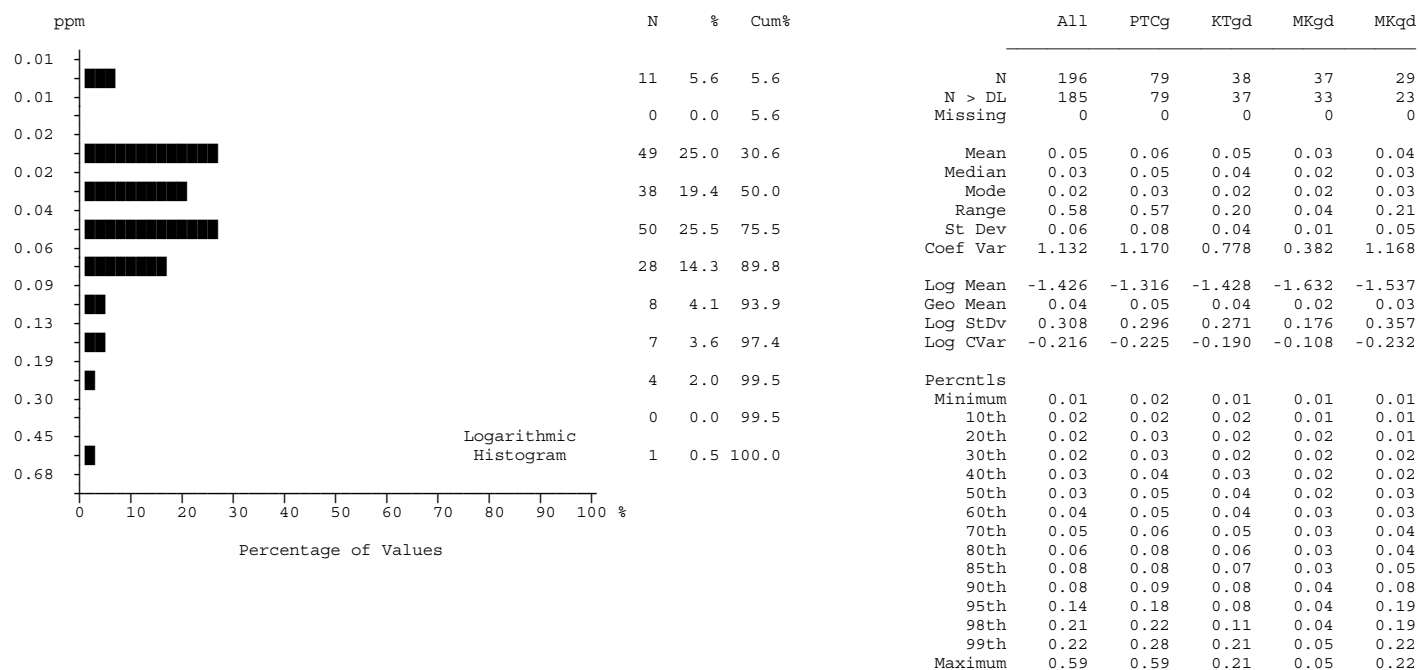
Bismuth (Bi)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Bismuth by ICPMS

Summary Statistics



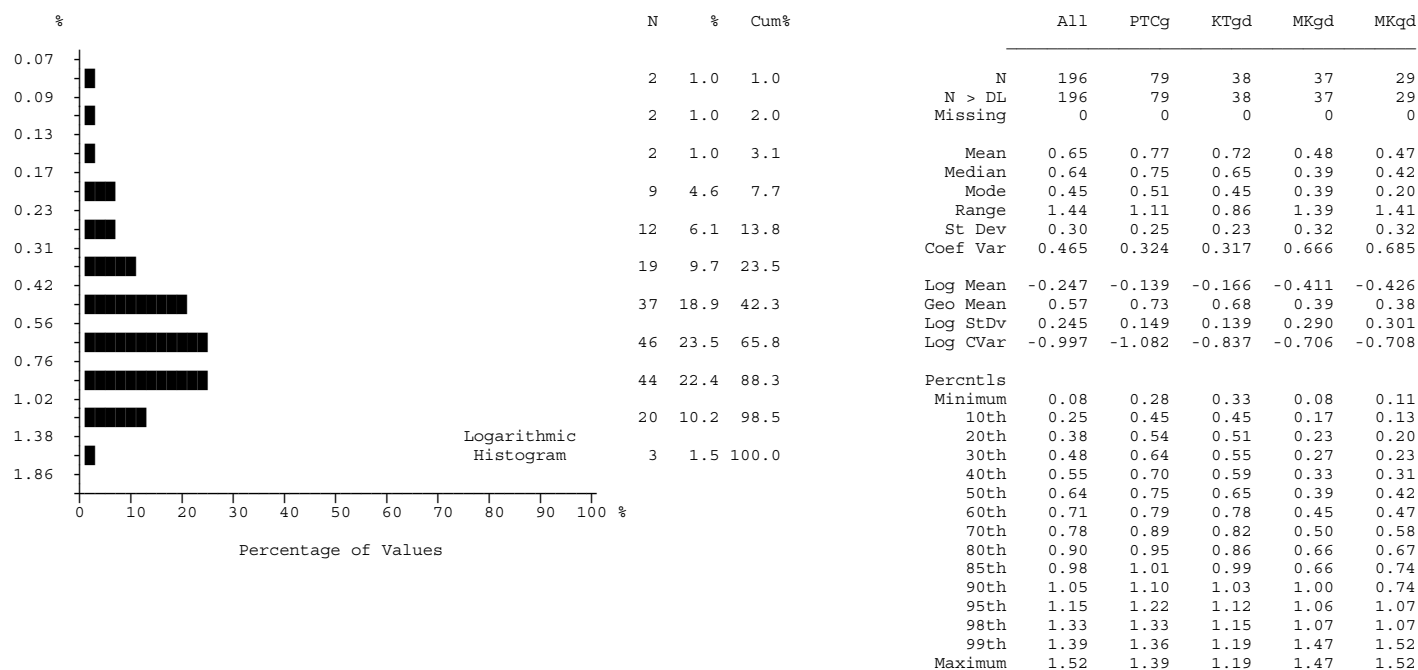
Cadmium (Cd)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Cadmium by ICPMS

Summary Statistics



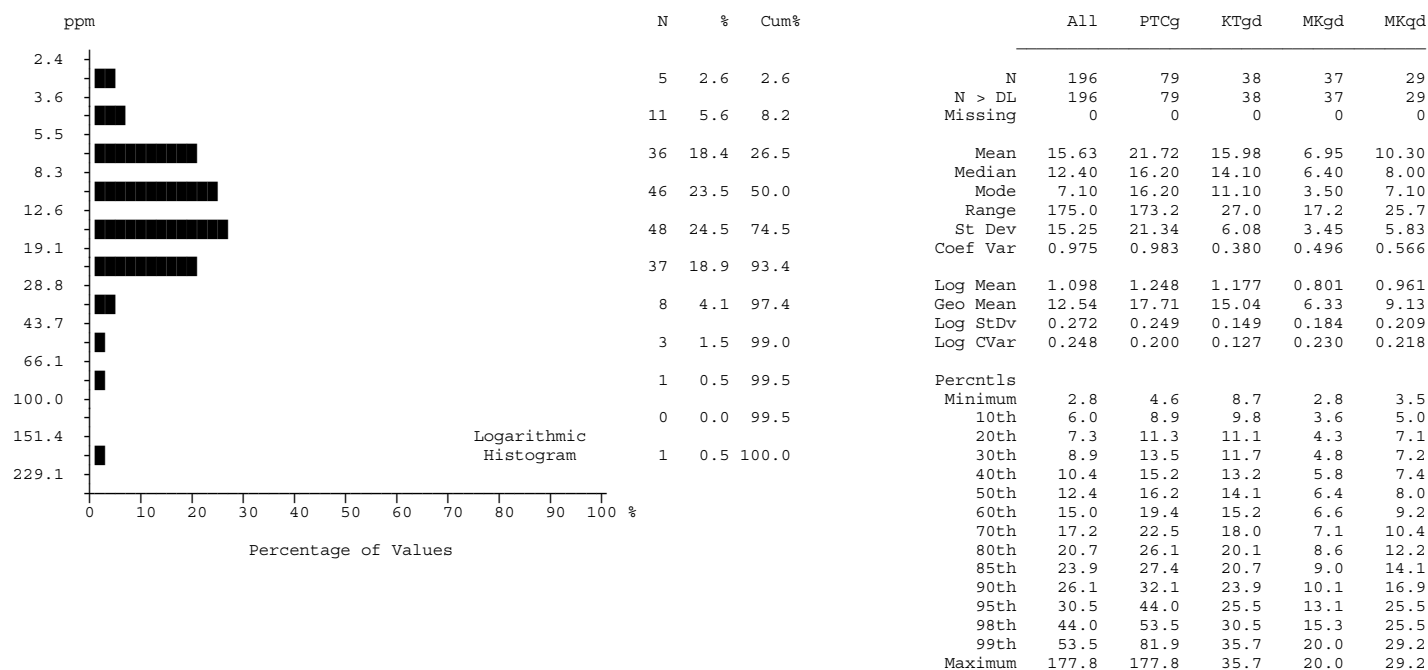
Calcium (Ca)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Calcium by ICPMS

Summary Statistics



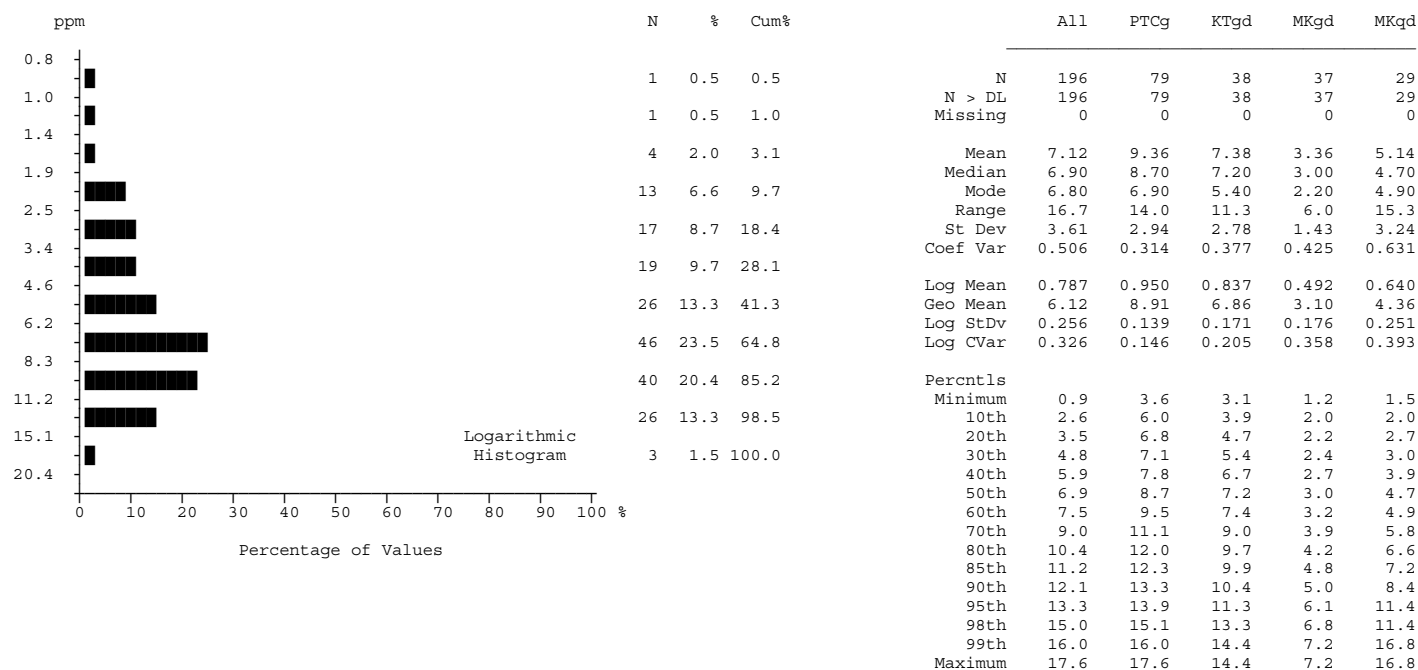
Chromium (Cr)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Chromium by ICPMS

Summary Statistics



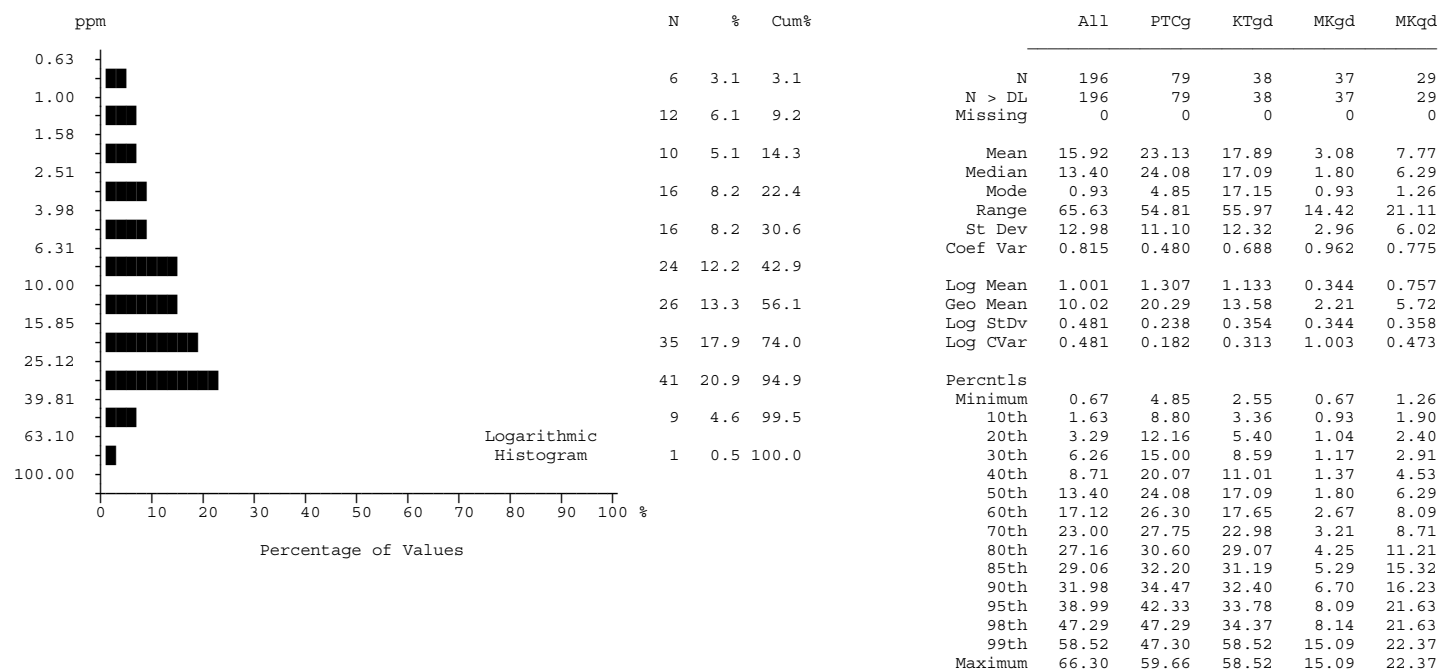
Cobalt (Co)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Cobalt by ICPMS

Summary Statistics



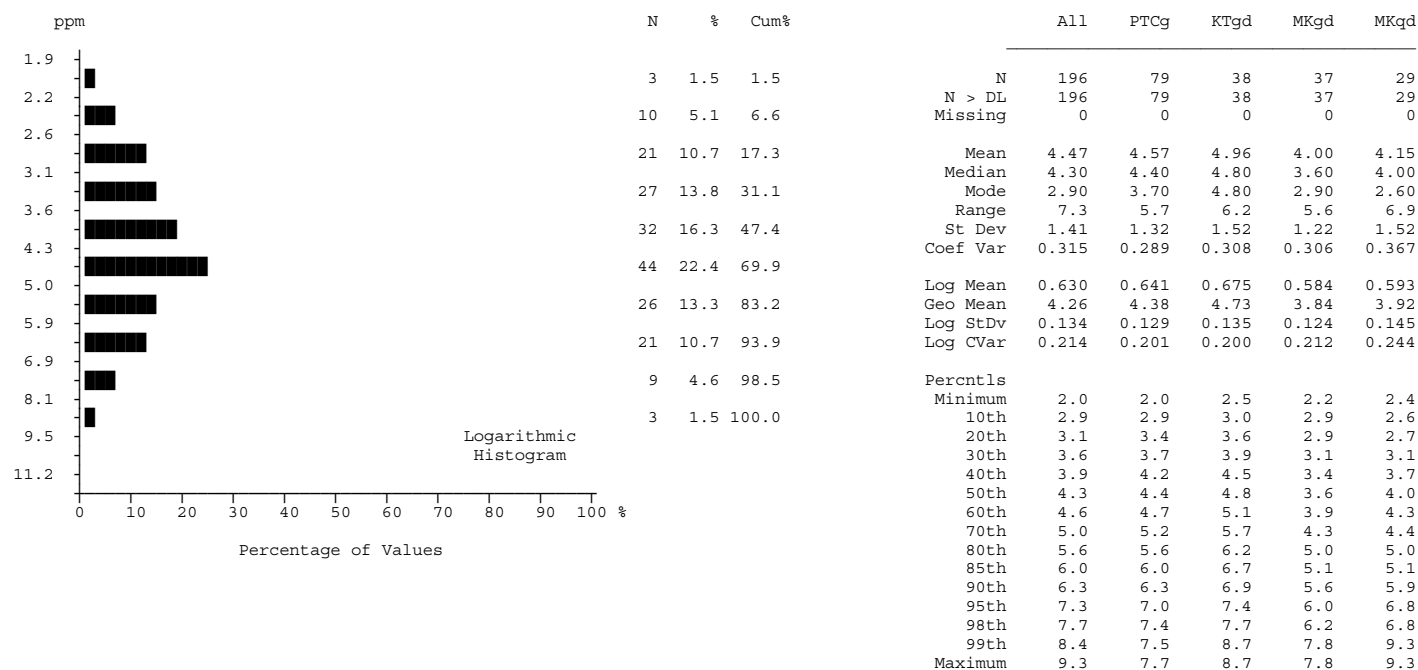
Copper (Cu)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Copper by ICPMS

Summary Statistics



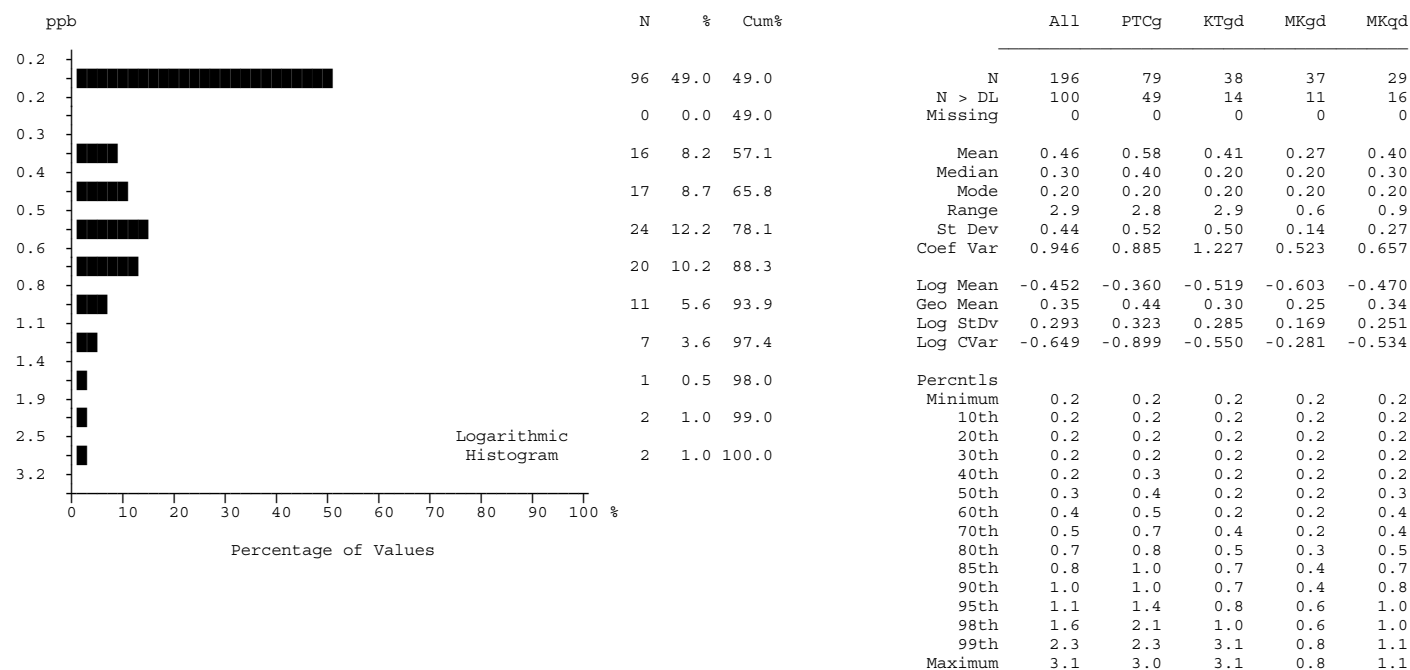
Gallium (Ga)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.2
 analytical method : ICPMS

Gallium by ICPMS

Summary Statistics



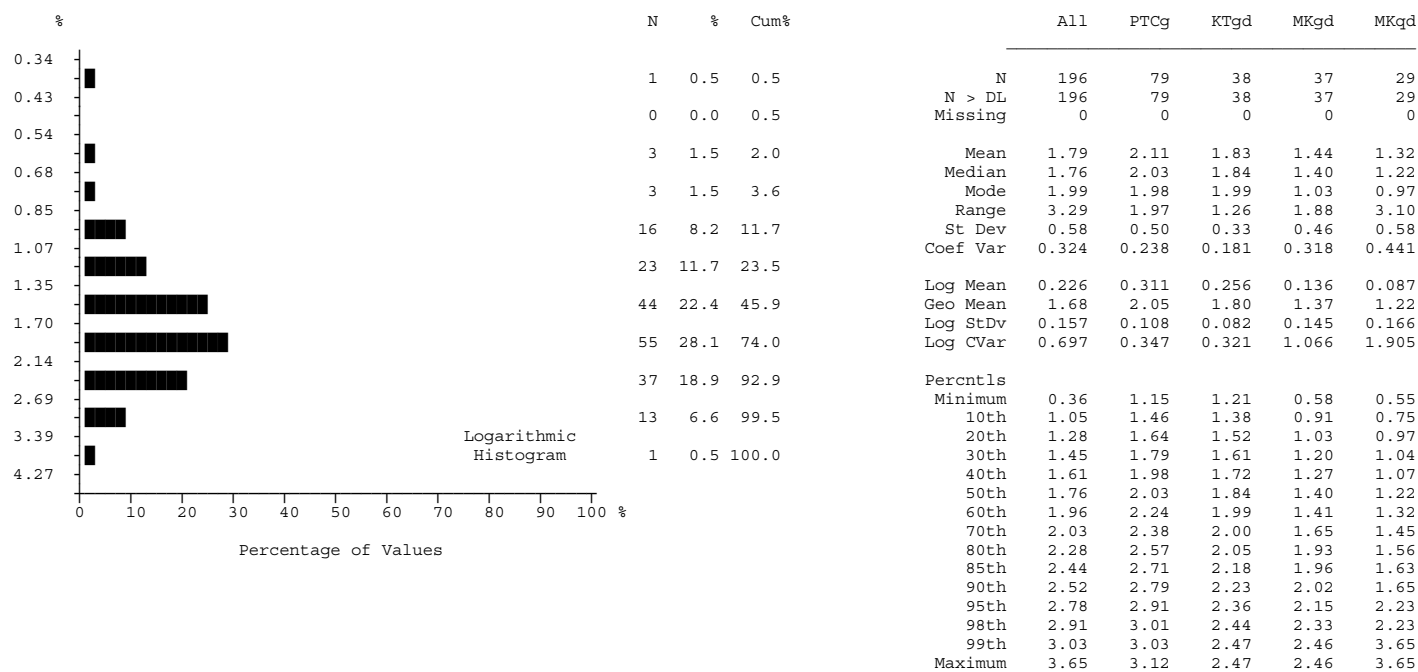
Gold (Au)

Stream Sediment

number of values : 196
 units : ppb
 detection limit : 0.2
 analytical method : ICPMS

Gold by ICPMS

Summary Statistics



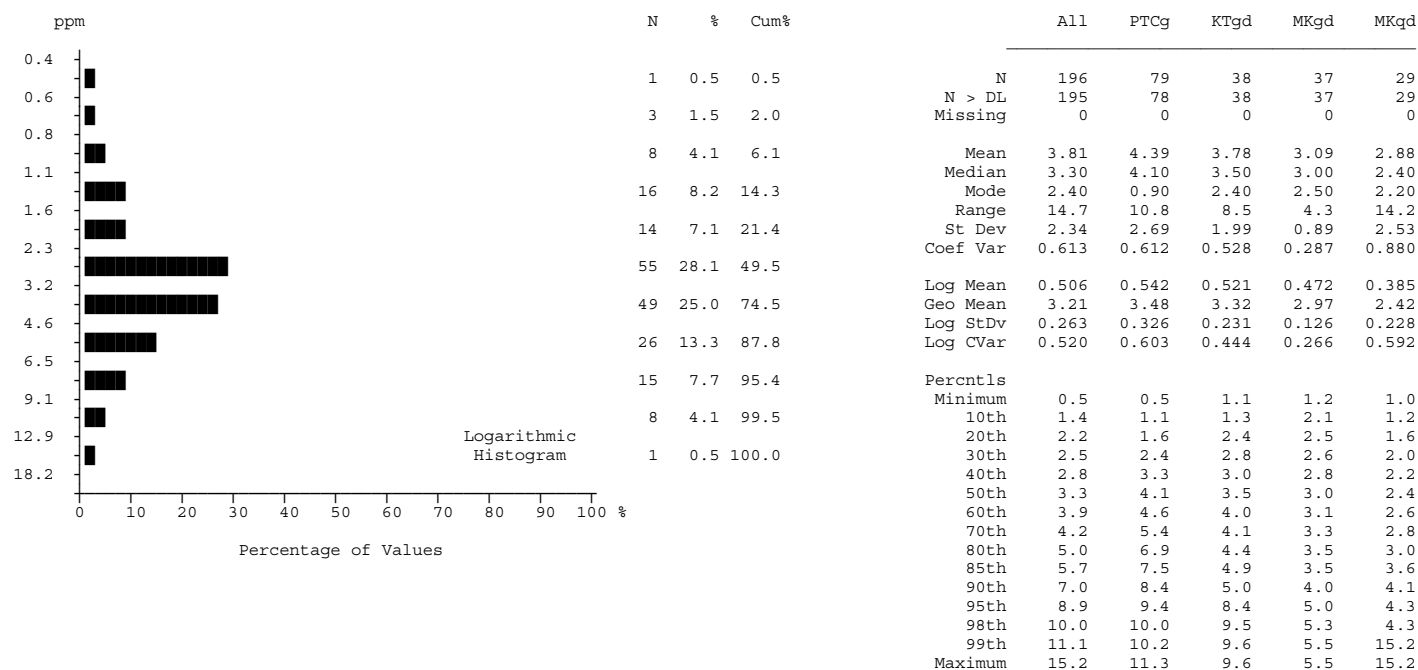
Iron (Fe)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Iron by ICPMS

Summary Statistics



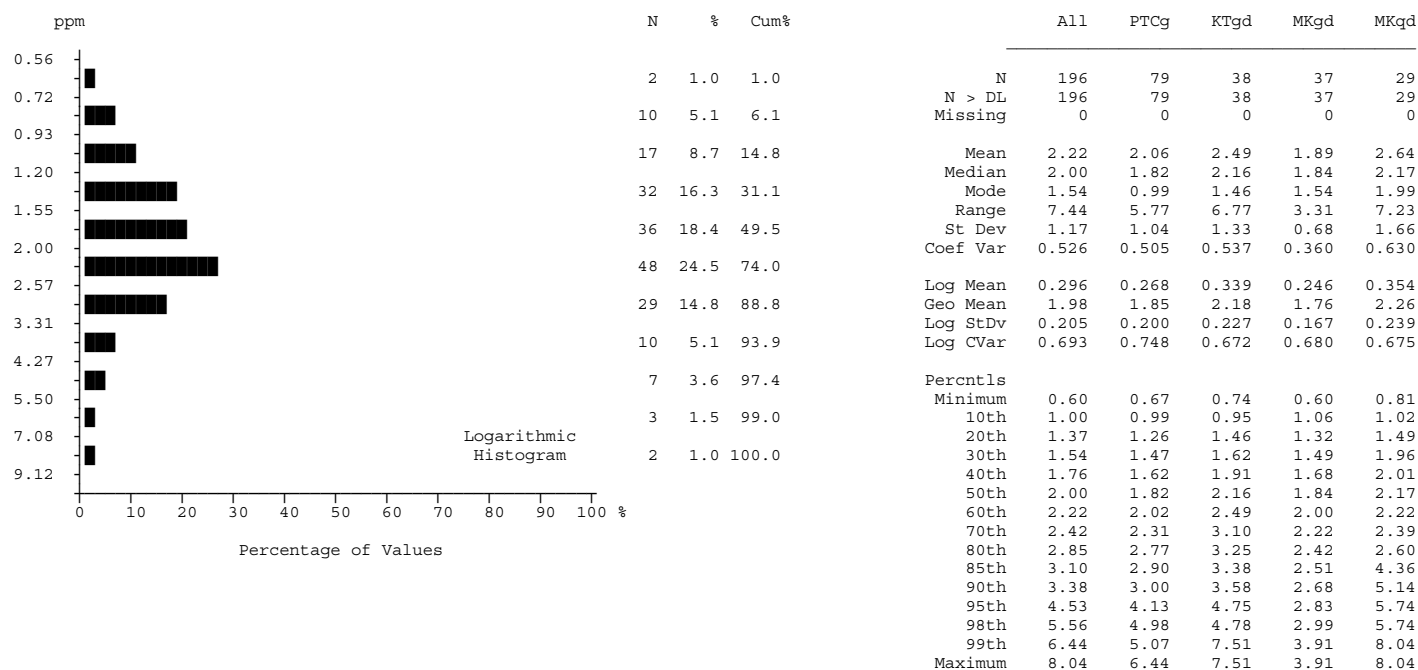
Lanthanum (La)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Lanthanum by ICPMS

Summary Statistics



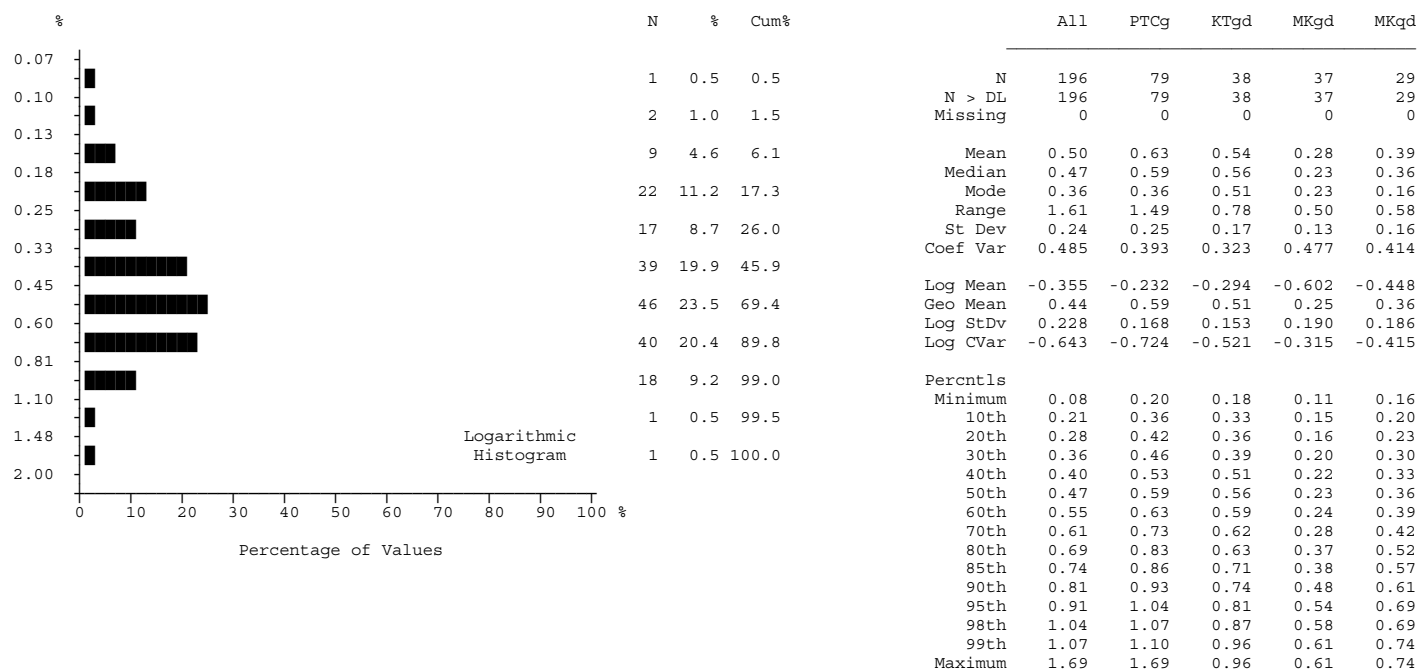
Lead (Pb)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Lead by ICPMS

Summary Statistics



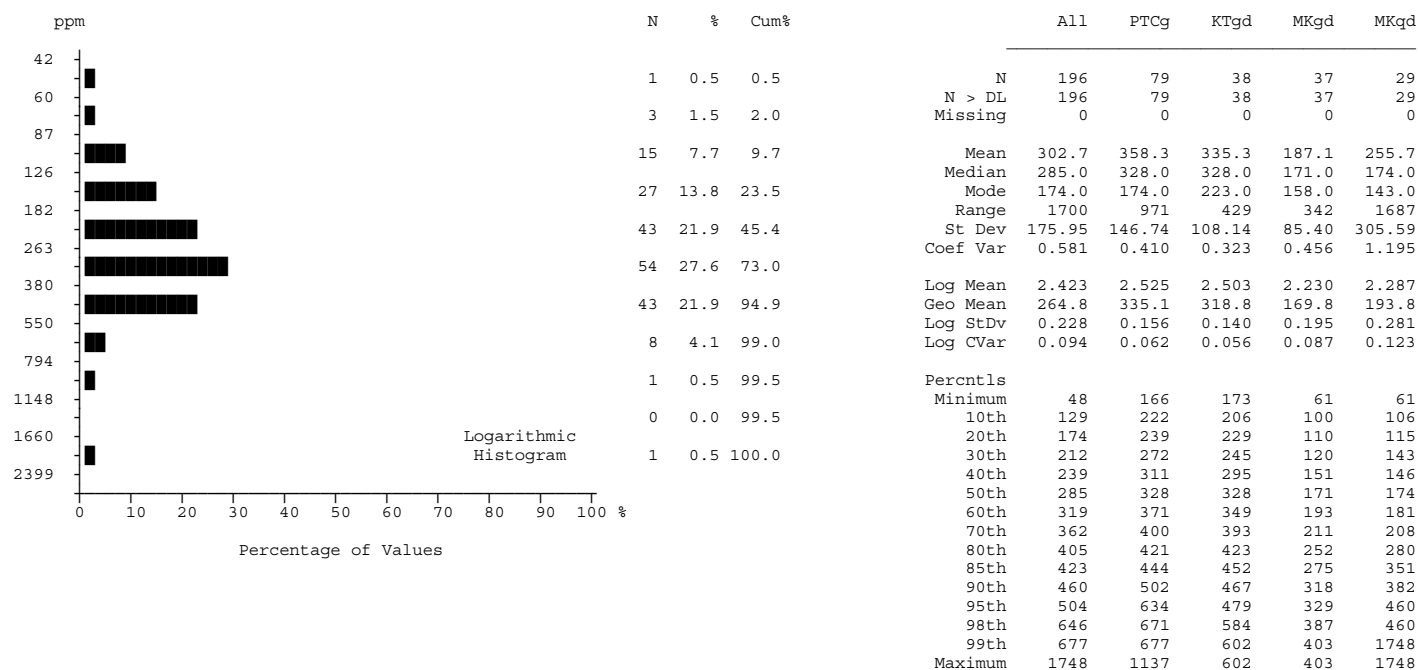
Magnesium (Mg)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Magnesium by ICPMS

Summary Statistics



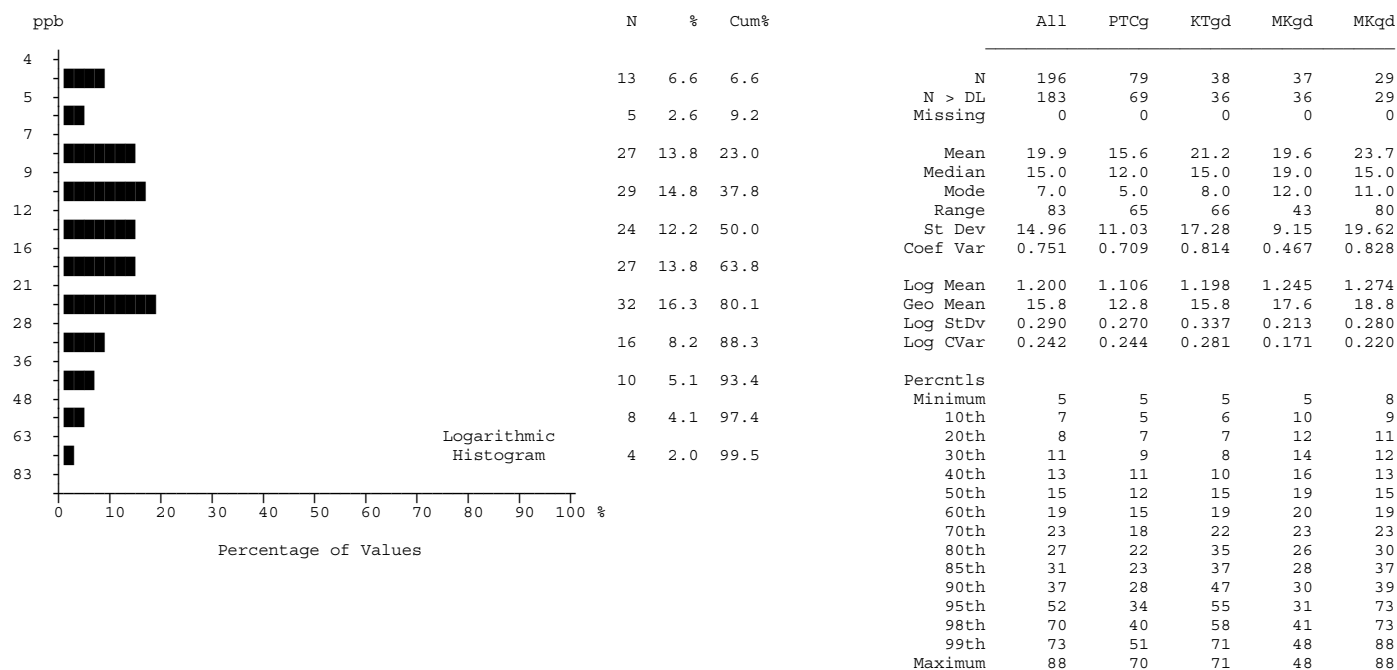
Manganese (Mn)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 1
 analytical method : ICPMS

Manganese by ICPMS

Summary Statistics



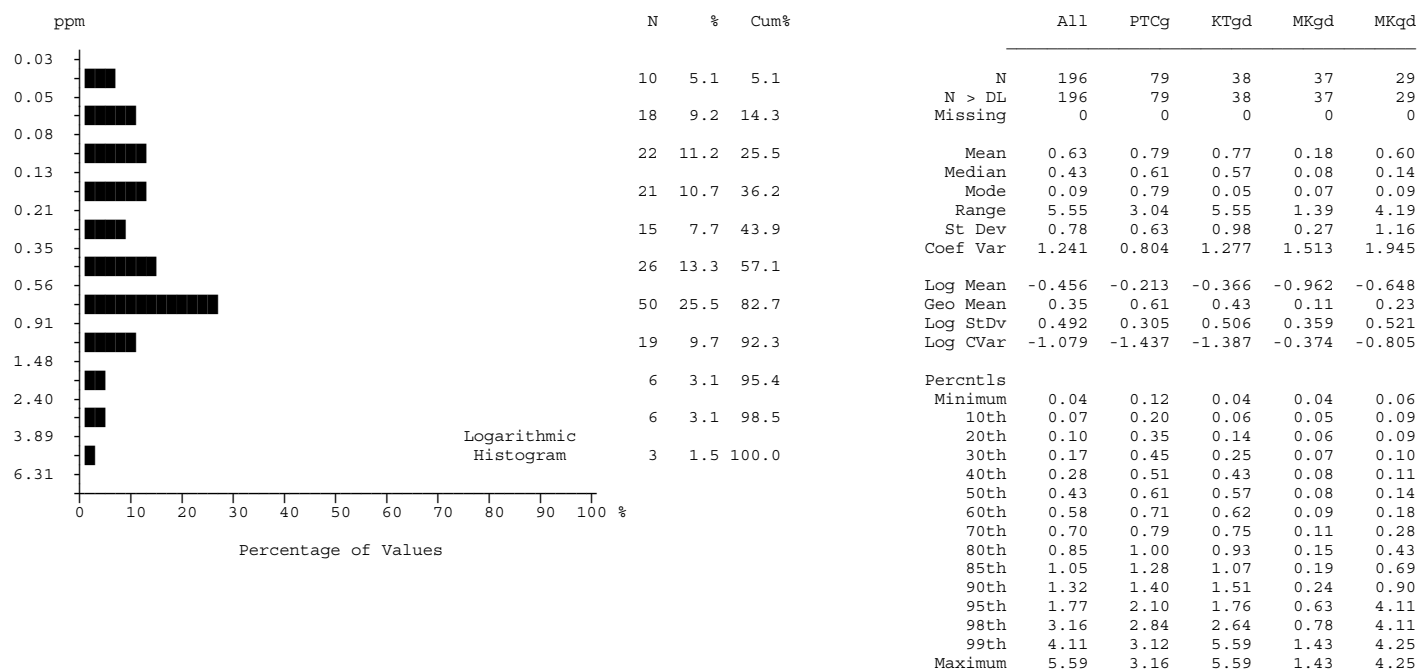
Mercury (Hg)

Stream Sediment

number of values : 196
 units : ppb
 detection limit : 5
 analytical method : ICPMS

Mercury by ICPMS

Summary Statistics



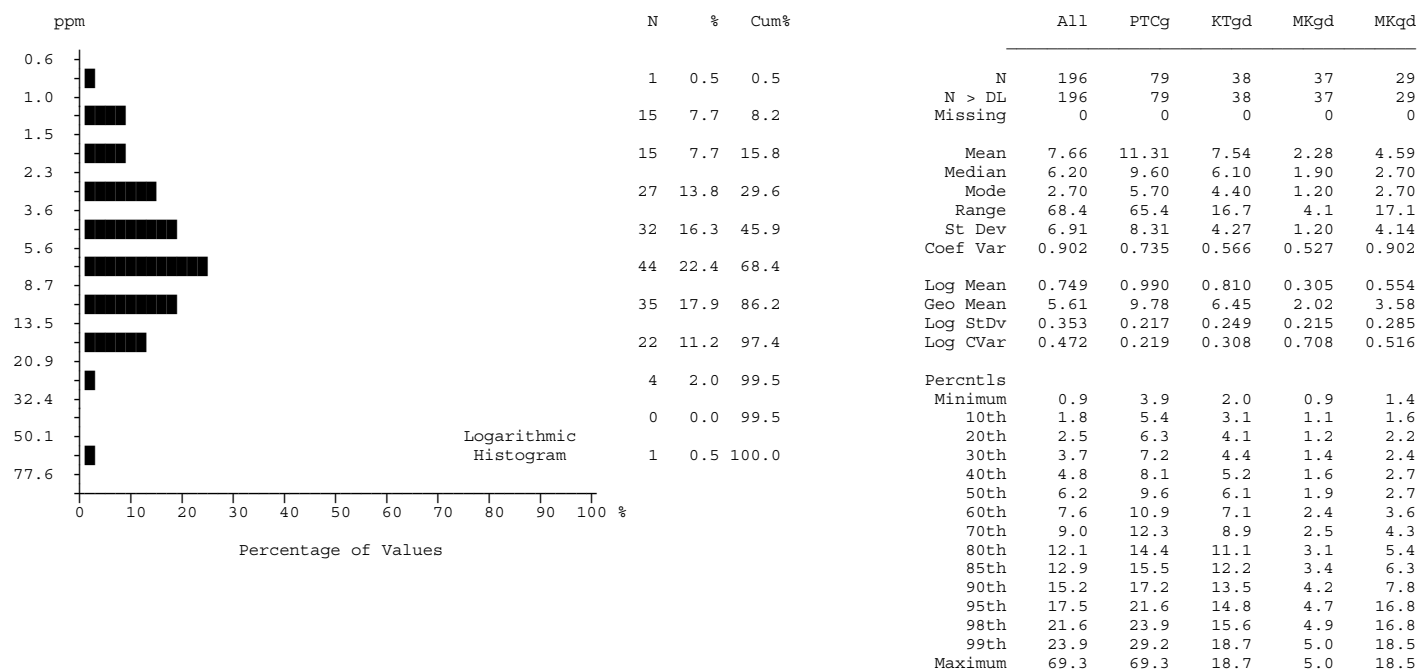
Molybdenum (Mo)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Molybdenum by ICPMS

Summary Statistics



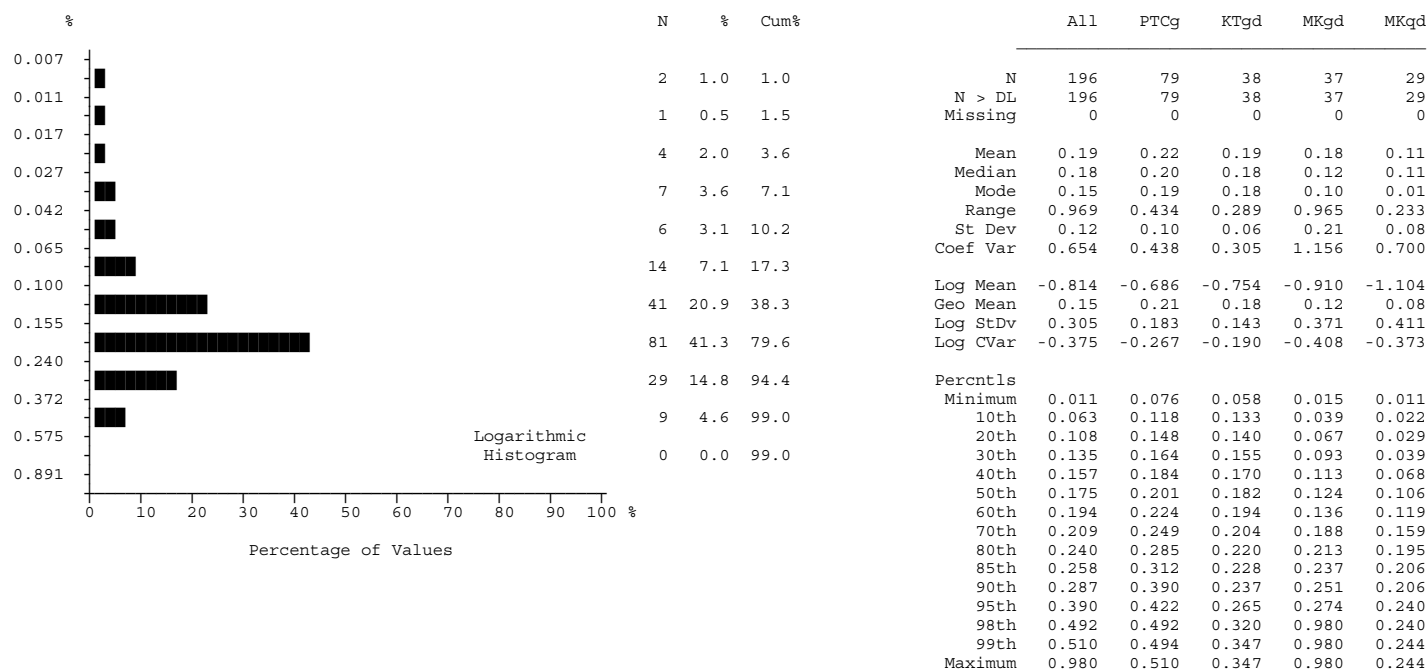
Nickel (Ni)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Nickel by ICPMS

Summary Statistics



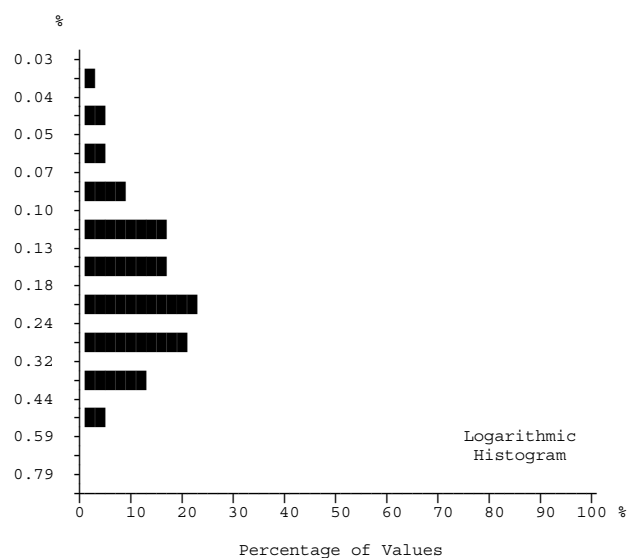
Phosphorus (P)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.001
 analytical method : ICPMS

Phosphorus by ICPMS

Summary Statistics



	N	%	Cum%	All	PTCg	KTgd	MKgd	MKqd
N	196							
N > DL	196							
Missing	0							
Mean	0.21							
Median	0.18							
Mode	0.10							
Range	0.53							
St Dev	0.11							
Coef Var	0.542							
Log Mean	-0.752							
Geo Mean	0.18							
Log StDv	0.255							
Log CVar	-0.339							
Percentls								
Minimum	0.03							
10th	0.08							
20th	0.10							
30th	0.14							
40th	0.15							
50th	0.18							
60th	0.21							
70th	0.25							
80th	0.30							
85th	0.33							
90th	0.37							
95th	0.41							
98th	0.47							
99th	0.49							
Maximum	0.56							

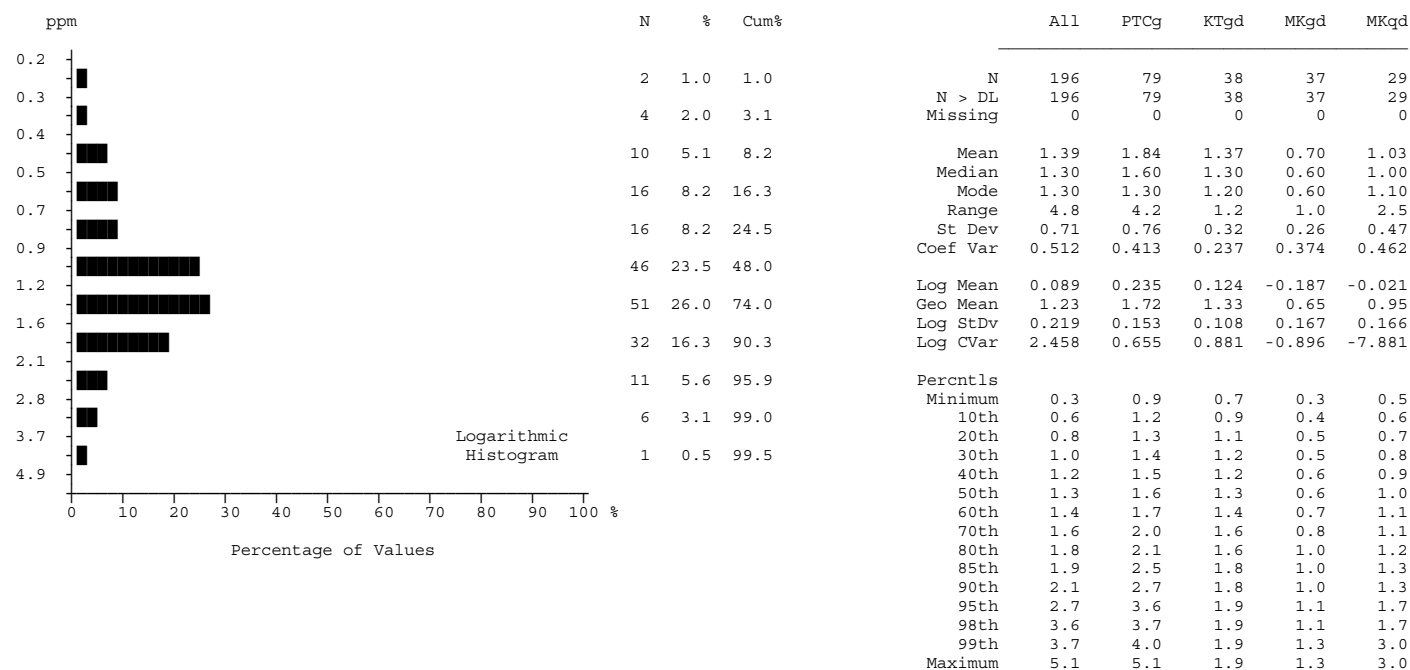
Potassium (K)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Potassium by ICPMS

Summary Statistics



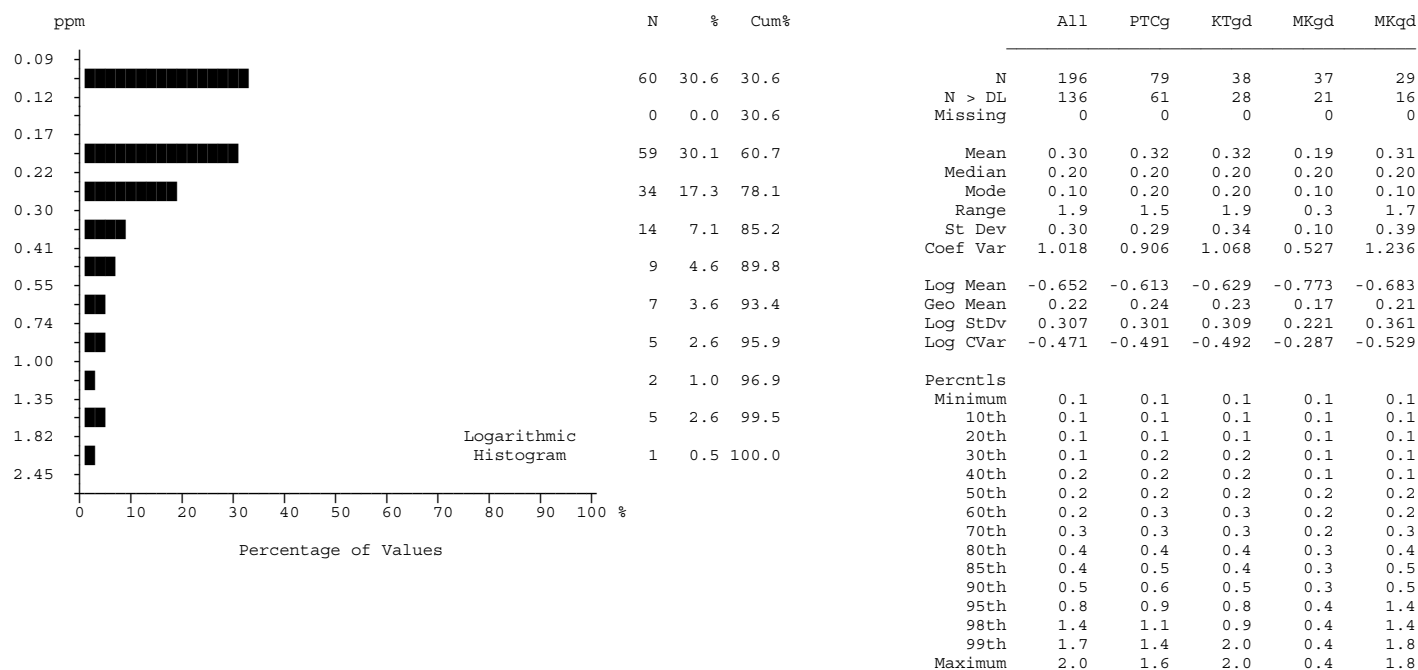
Scandium (Sc)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Scandium by ICPMS

Summary Statistics



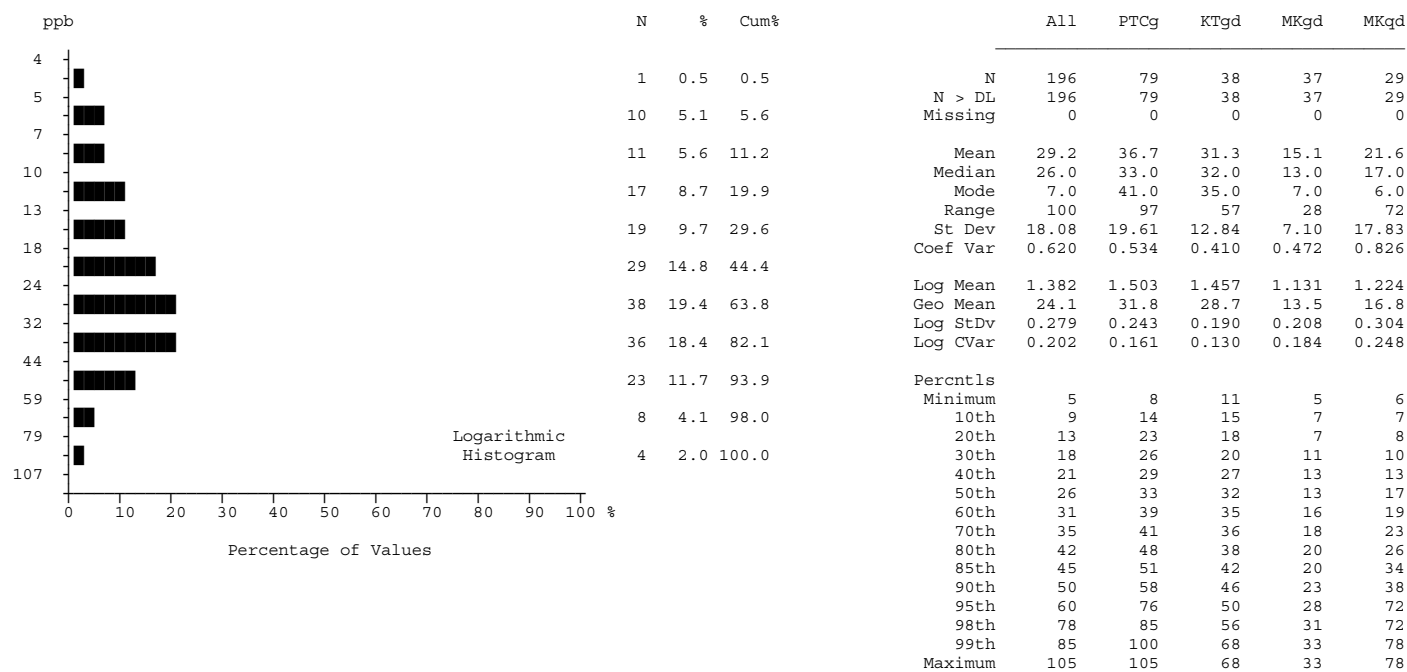
Selenium (Se)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Selenium by ICPMS

Summary Statistics



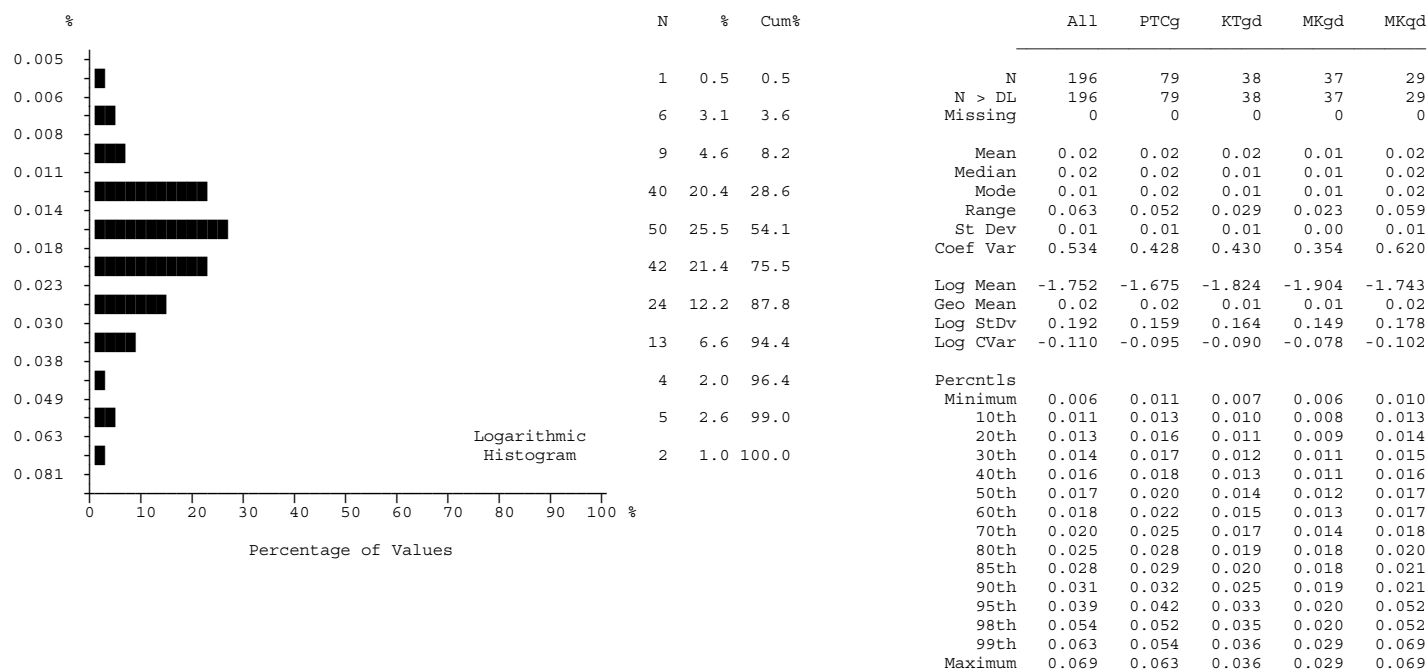
Silver (Ag)

Stream Sediment

number of values : 196
 units : ppb
 detection limit : 2
 analytical method : ICPMS

Silver by ICPMS

Summary Statistics



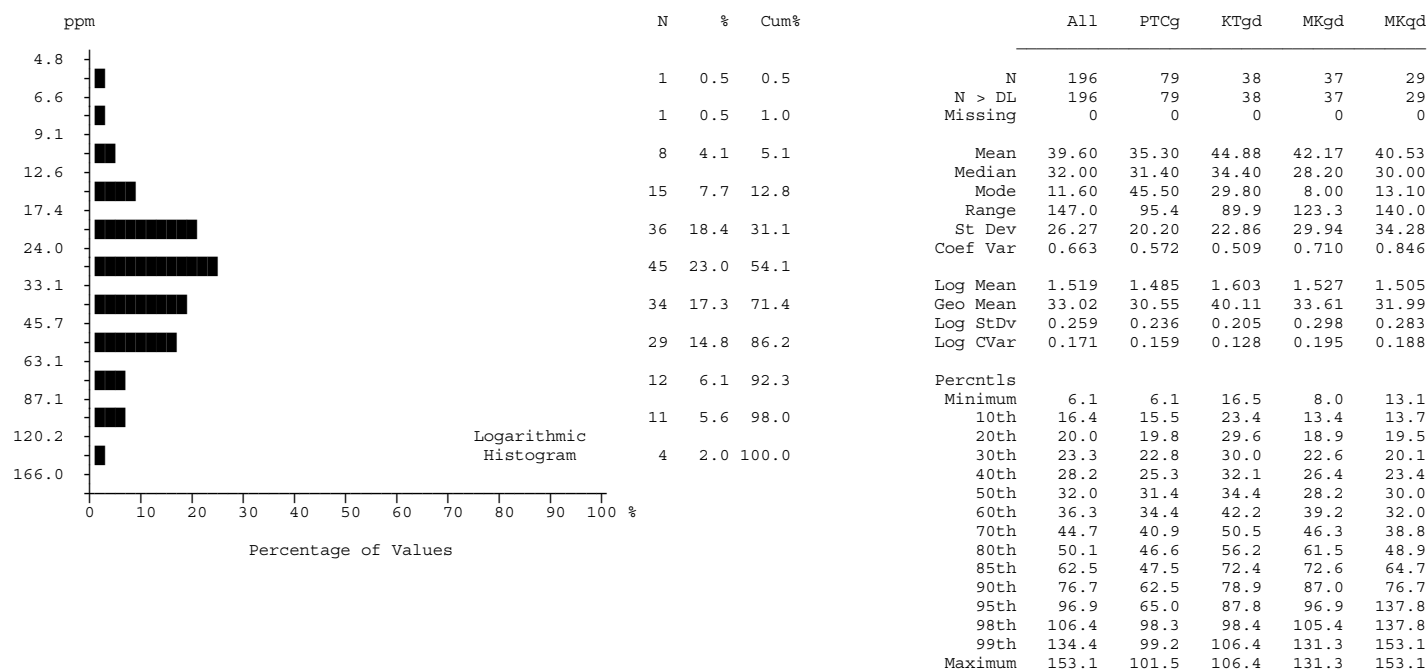
Sodium (Na)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.001
 analytical method : ICPMS

Sodium by ICPMS

Summary Statistics



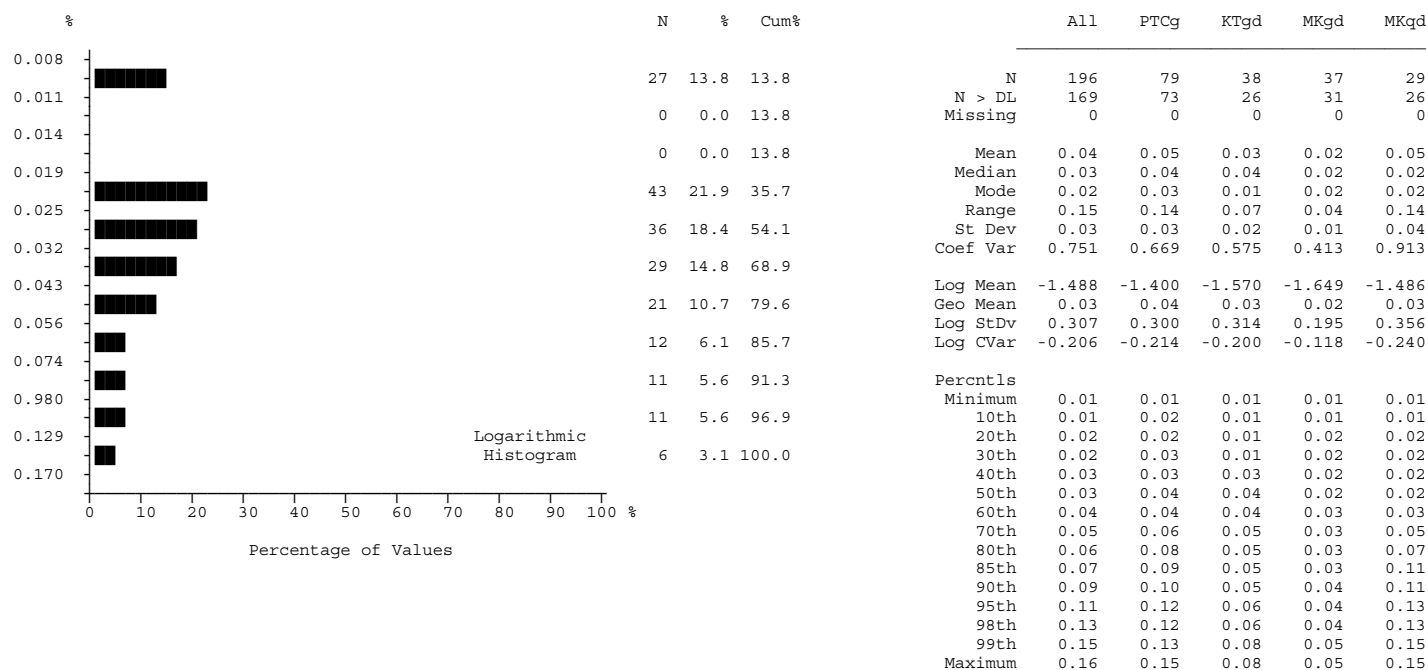
Strontium (Sr)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Strontium by ICPMS

Summary Statistics



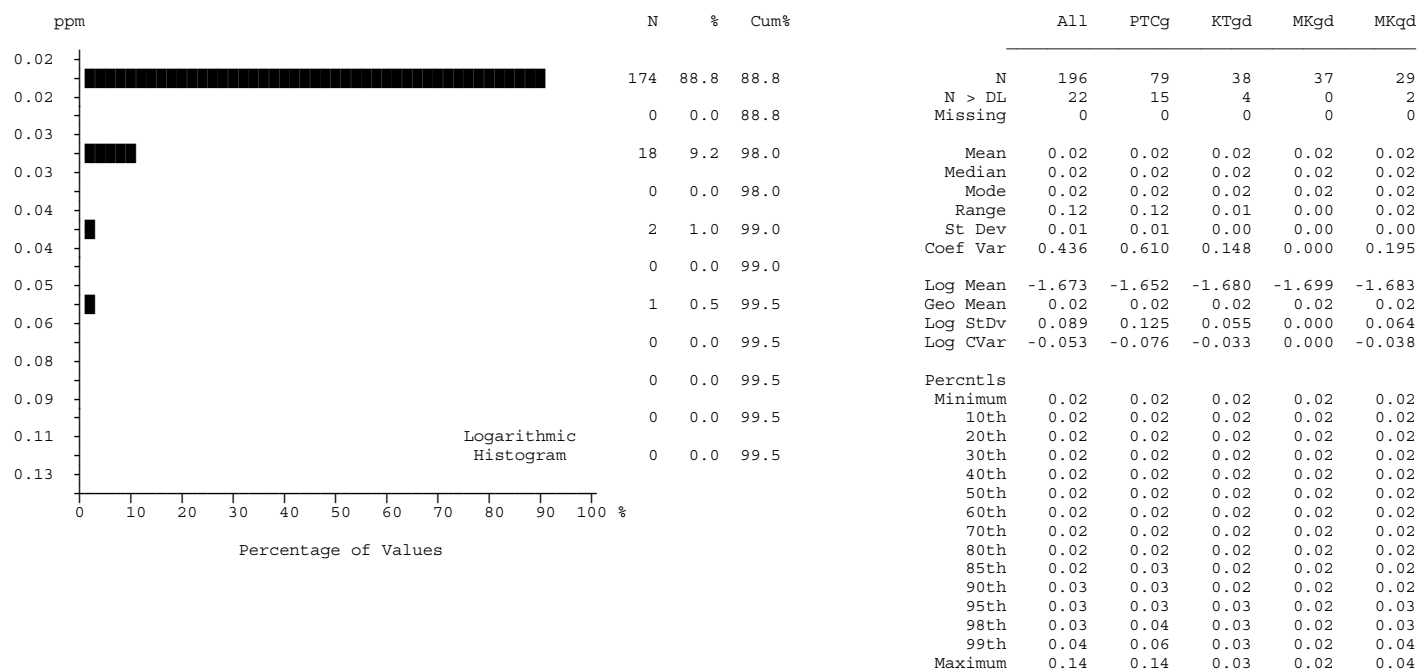
Sulphur (S)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Sulphur by ICPMS

Summary Statistics



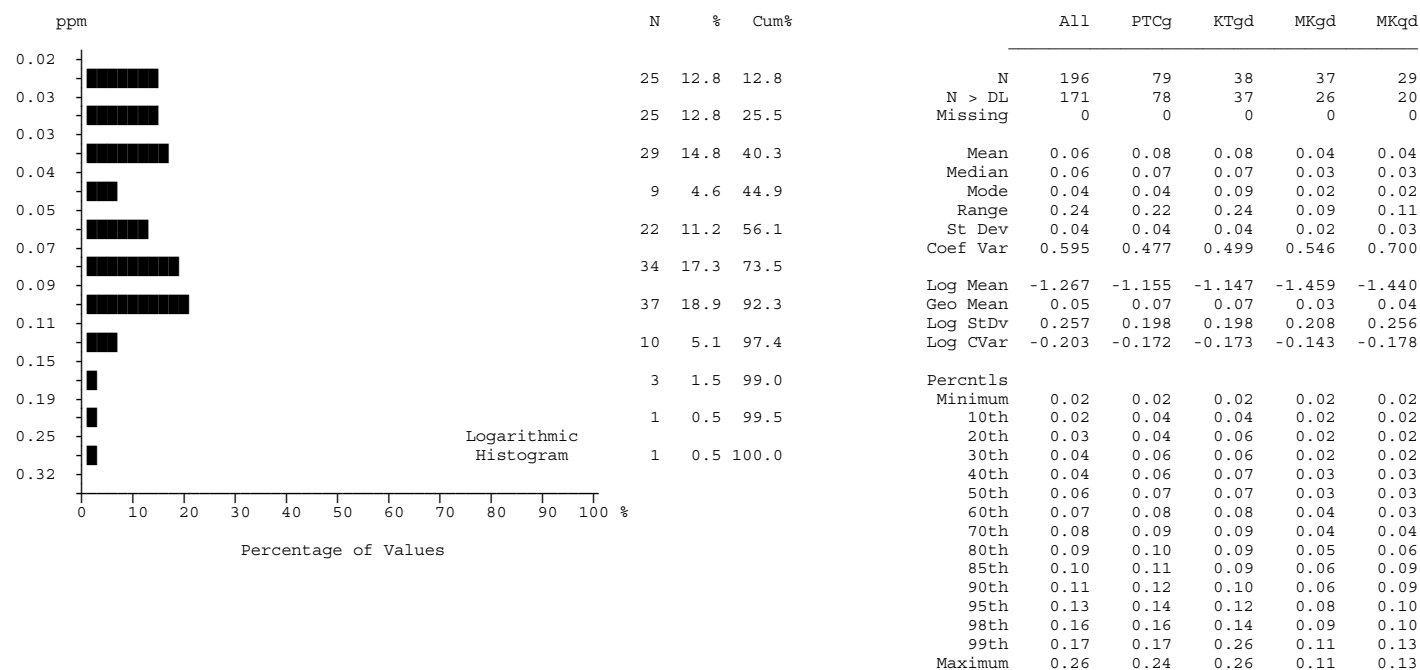
Tellurium (Te)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Tellurium by ICPMS

Summary Statistics



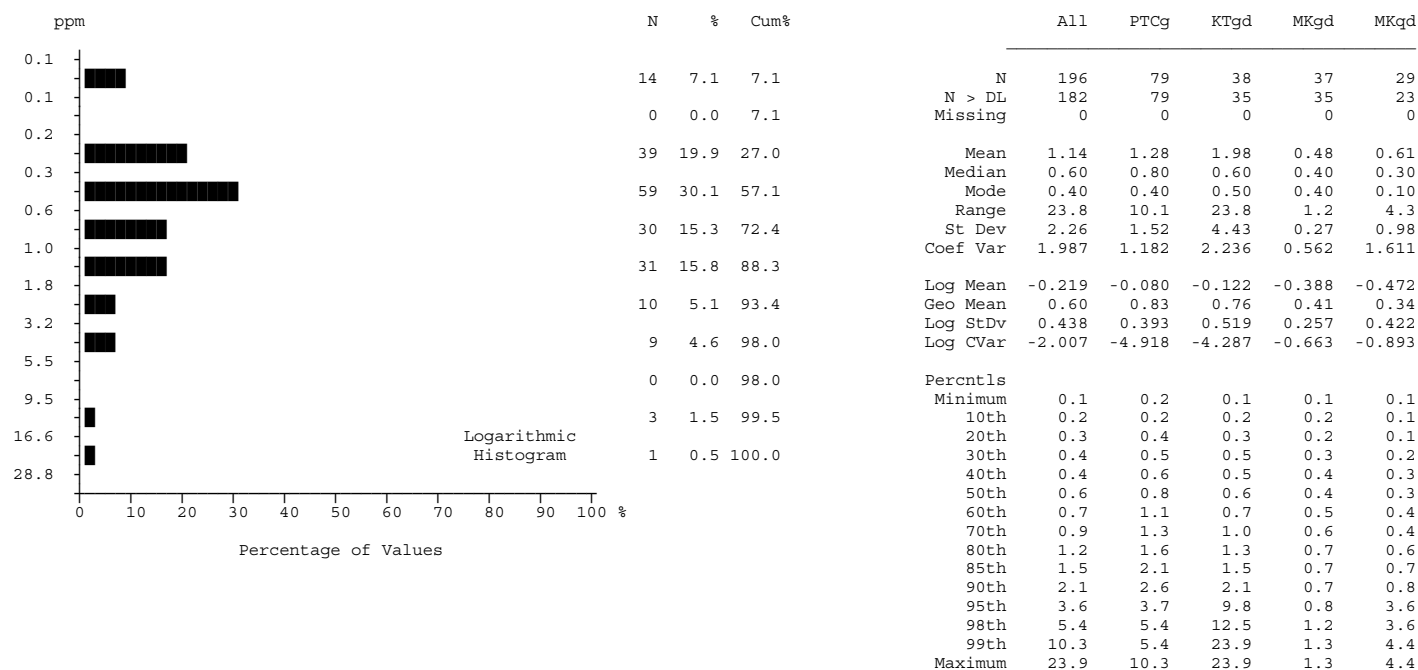
Thallium (Tl)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Thallium by ICPMS

Summary Statistics



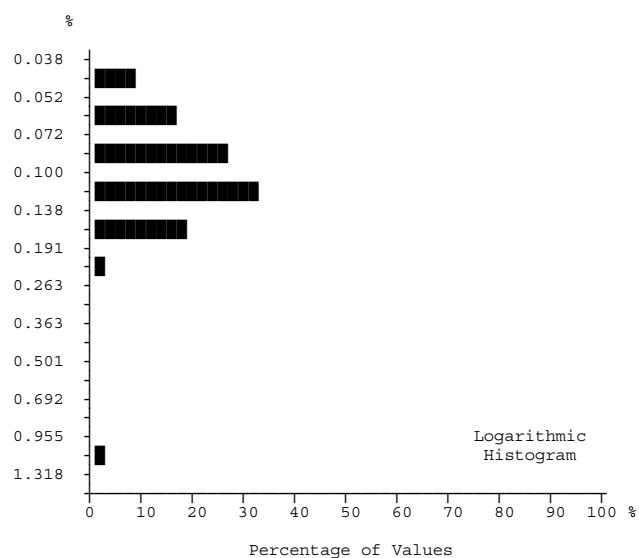
Thorium (Th)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Thorium by ICPMS

Summary Statistics



N	%	Cum%
15	7.7	7.7
31	15.8	23.5
49	25.0	48.5
62	31.6	80.1
32	16.3	96.4
3	1.5	98.0
0	0.0	98.0
0	0.0	98.0
0	0.0	98.0
0	0.0	98.0
4	2.0	100.0

	All	PTCg	KTgd	MKg	MKg
N	196	79	38	37	29
N > DL	196	79	38	37	29
Missing	0	0	0	0	0
Mean	0.12	0.14	0.11	0.09	0.12
Median	0.10	0.12	0.11	0.06	0.09
Mode	0.09	0.09	0.09	0.04	0.09
Range	0.951	0.945	0.151	0.941	0.934
St Dev	0.13	0.14	0.03	0.15	0.17
Coef Var	1.088	0.995	0.292	1.709	1.395
Log Mean	-1.000	-0.914	-0.966	-1.177	-1.024
Geo Mean	0.10	0.12	0.11	0.07	0.09
Log StDv	0.218	0.196	0.126	0.229	0.226
Log CVar	-0.218	-0.215	-0.131	-0.194	-0.220
Percentls					
Minimum	0.039	0.045	0.060	0.039	0.056
10th	0.056	0.080	0.070	0.046	0.060
20th	0.068	0.085	0.085	0.049	0.066
30th	0.080	0.095	0.089	0.051	0.075
40th	0.086	0.108	0.096	0.056	0.080
50th	0.101	0.115	0.106	0.060	0.086
60th	0.109	0.125	0.121	0.063	0.100
70th	0.121	0.142	0.125	0.070	0.103
80th	0.138	0.154	0.134	0.083	0.109
85th	0.148	0.161	0.145	0.083	0.122
90th	0.155	0.171	0.154	0.087	0.125
95th	0.172	0.187	0.160	0.109	0.132
98th	0.243	0.243	0.168	0.120	0.132
99th	0.990	0.990	0.211	0.980	0.990
Maximum	0.990	0.990	0.211	0.980	0.990

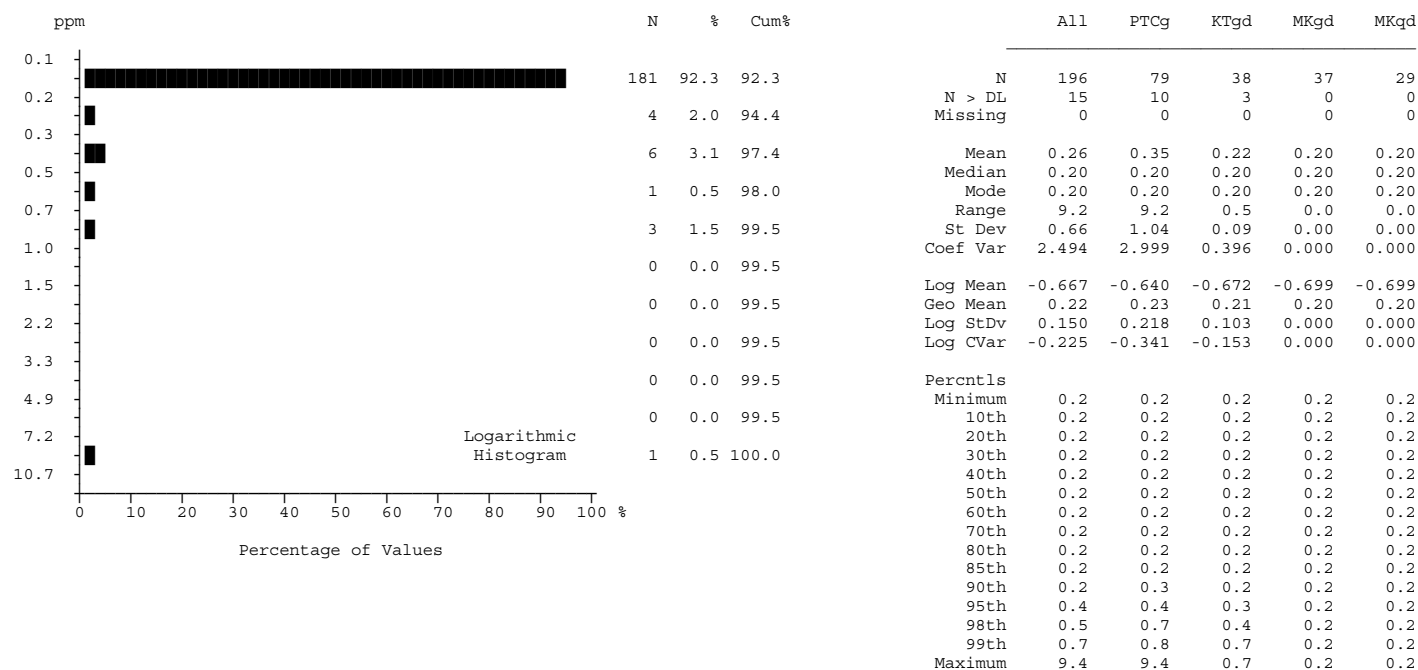
Titanium (Ti)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.001
 analytical method : ICPMS

Titanium by ICPMS

Summary Statistics



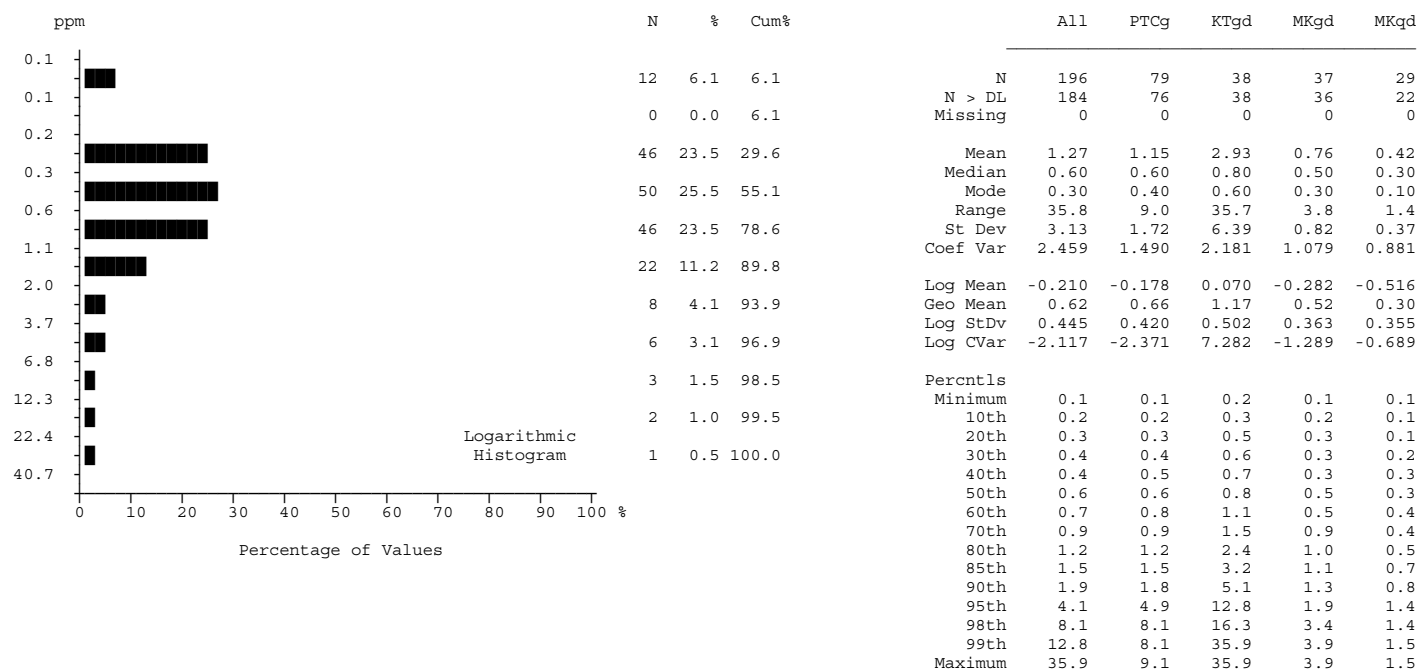
Tungsten (W)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.2
 analytical method : ICPMS

Tungsten by ICPMS

Summary Statistics



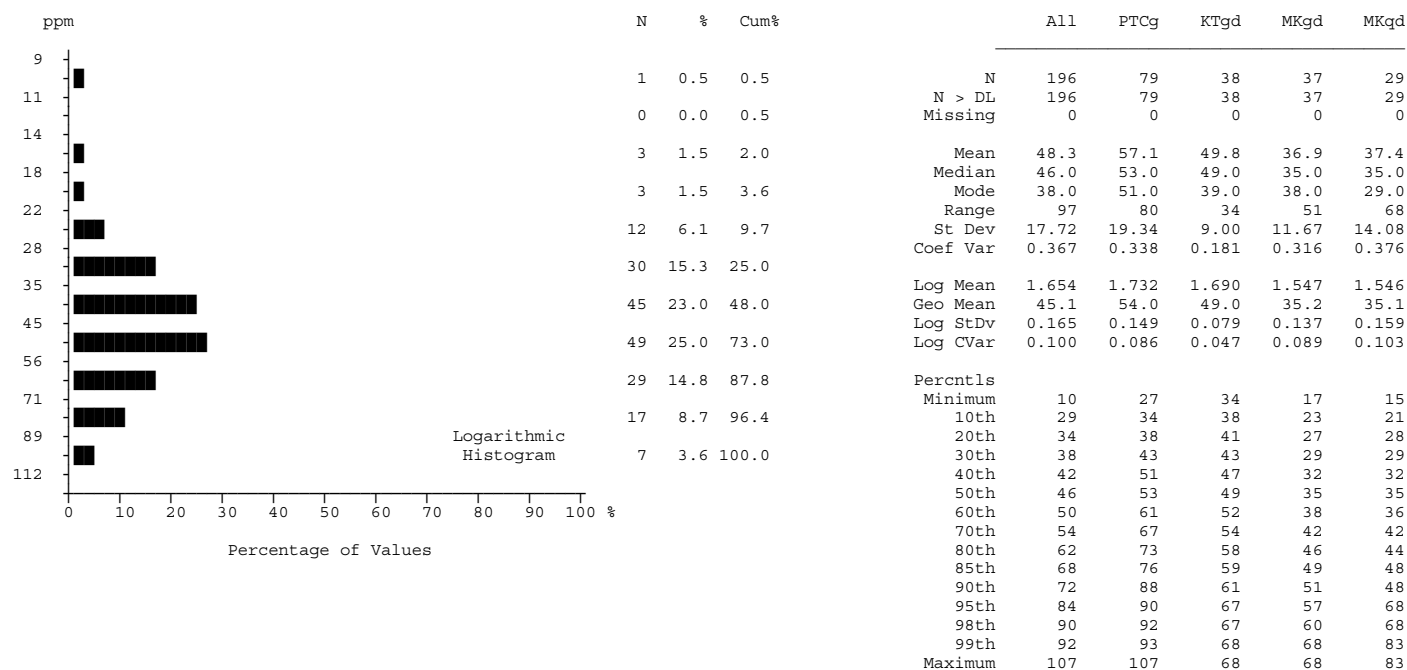
Uranium (U)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Uranium by ICPMS

Summary Statistics



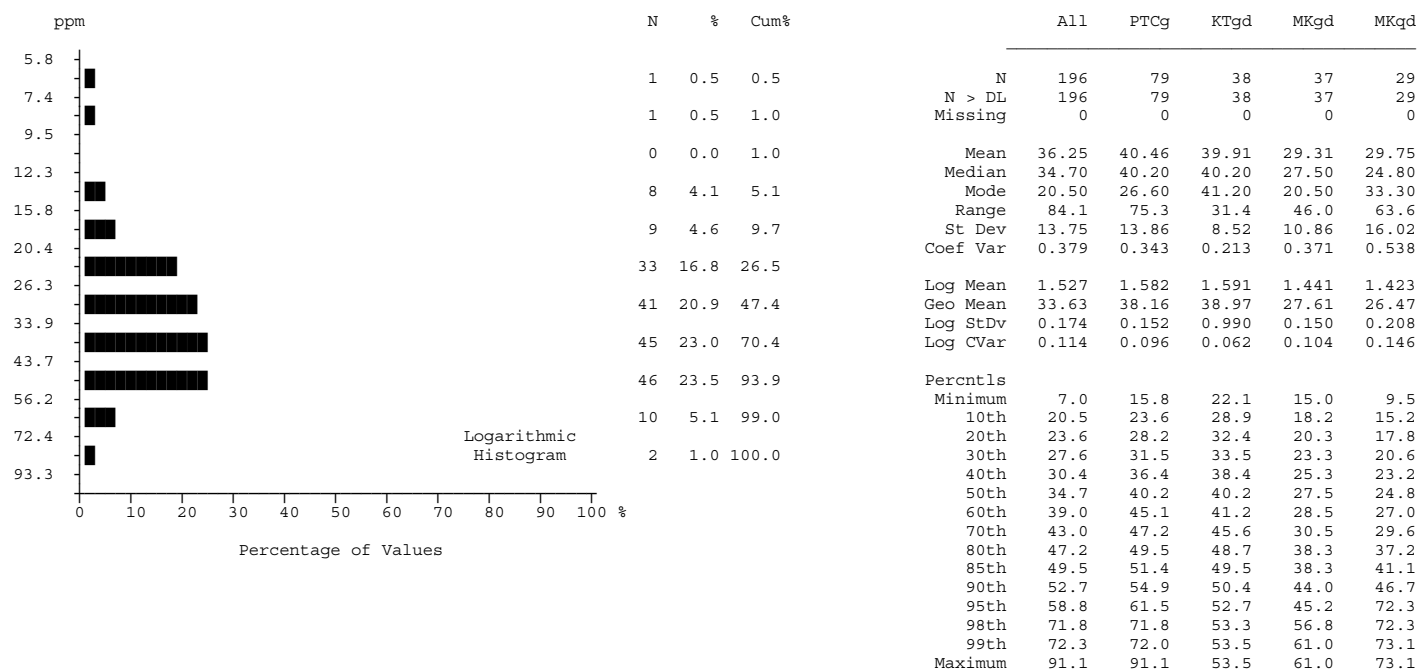
Vanadium (V)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 2
 analytical method : ICPMS

Vanadium by ICPMS

Summary Statistics



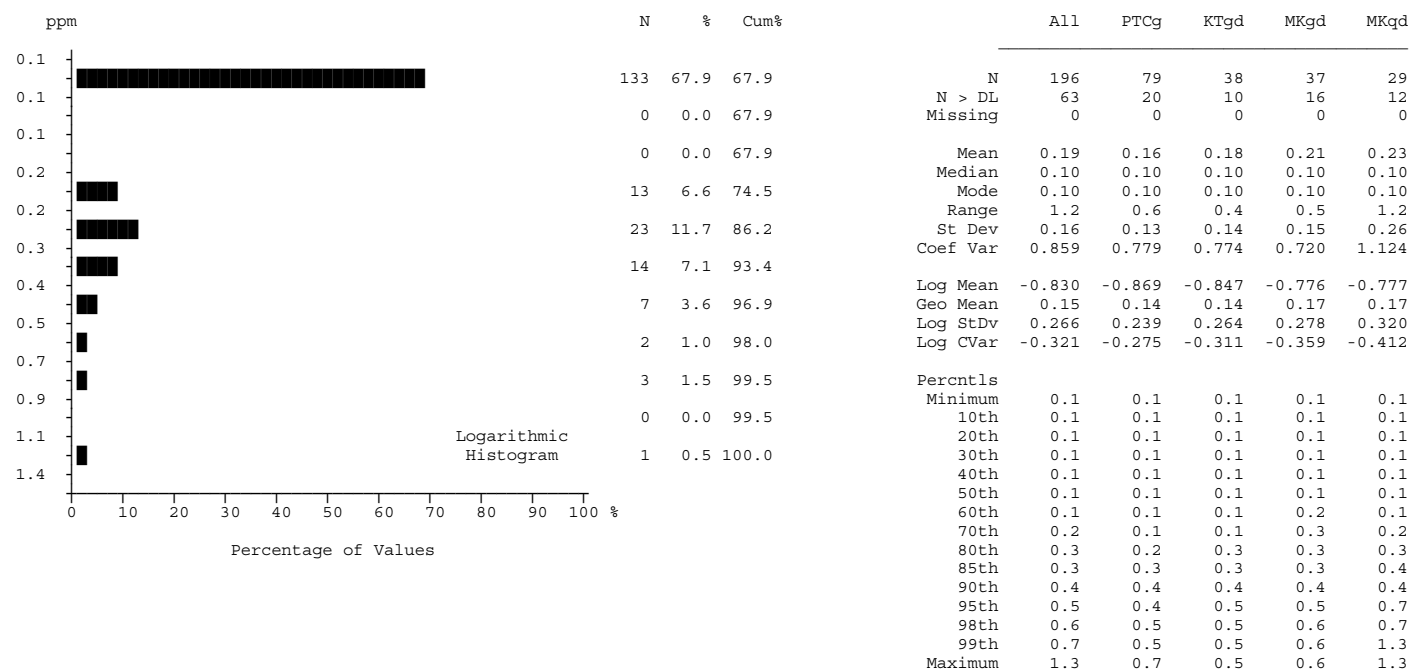
Zinc (Zn)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Zinc by ICPMS

Summary Statistics



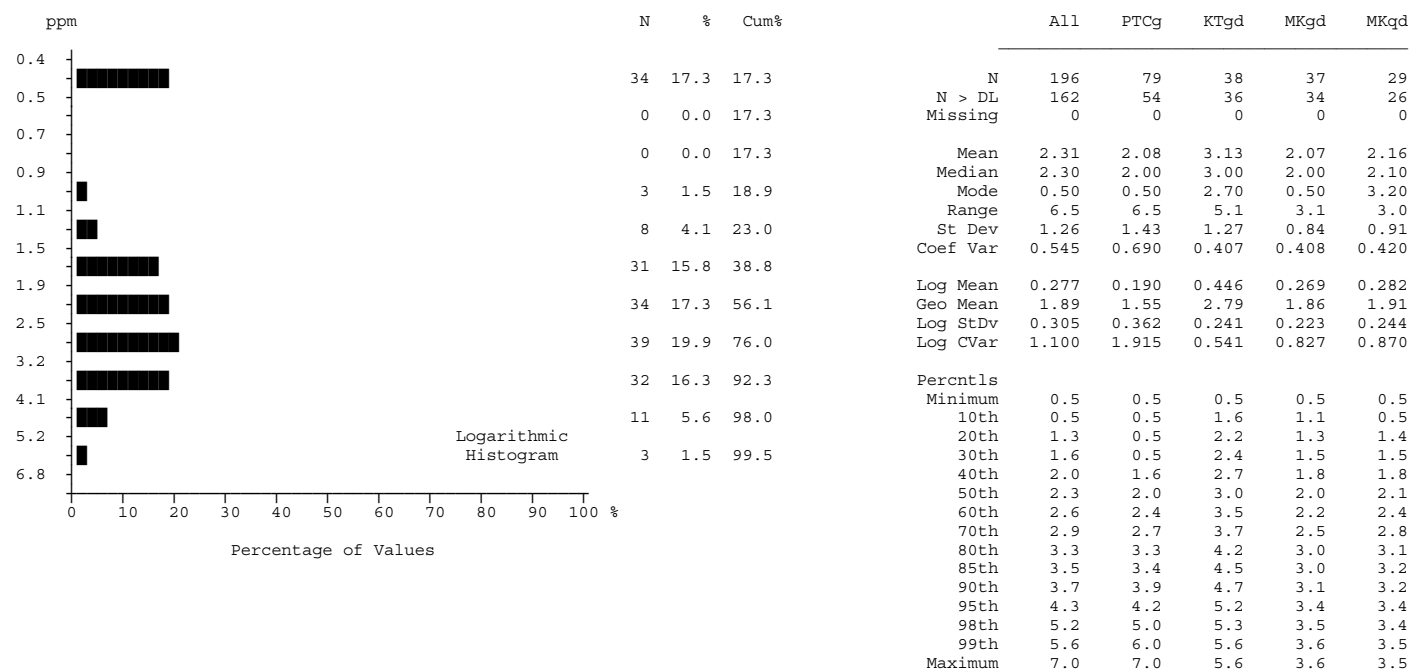
Antimony (Sb)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : INAA

Antimony by INAA

Summary Statistics



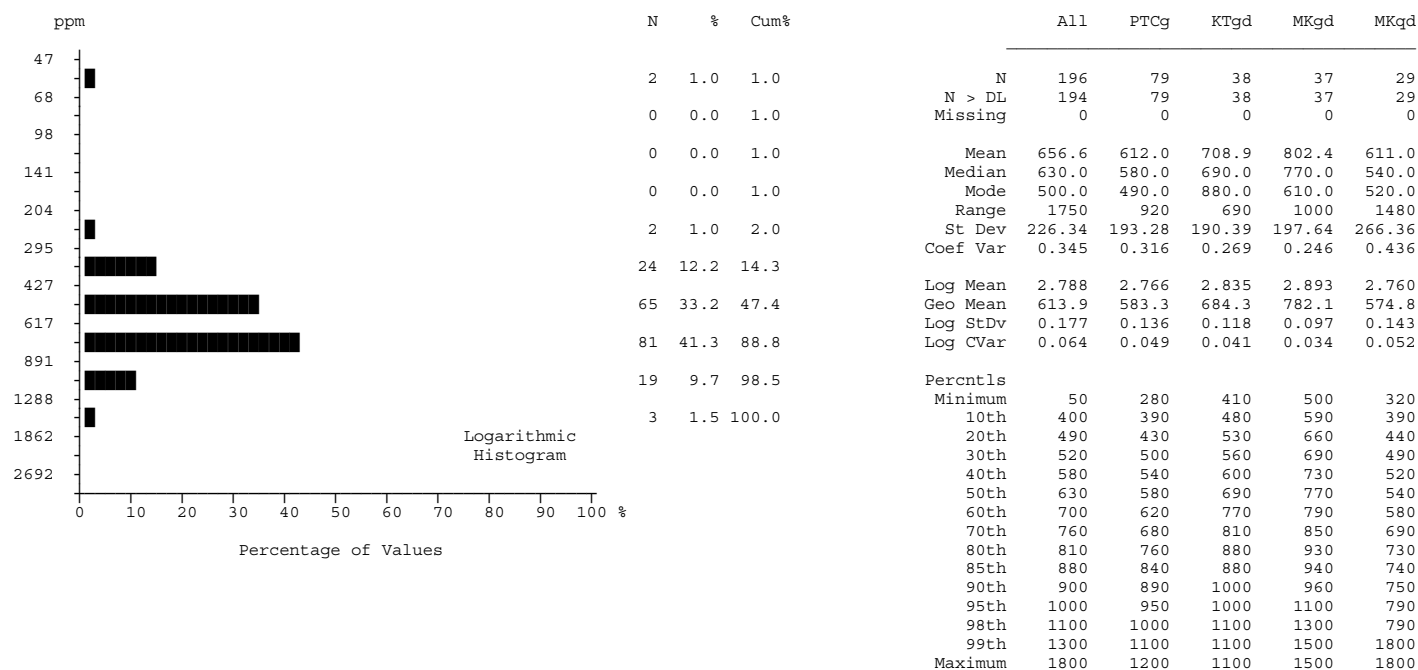
Arsenic (As)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Arsenic by INAA

Summary Statistics



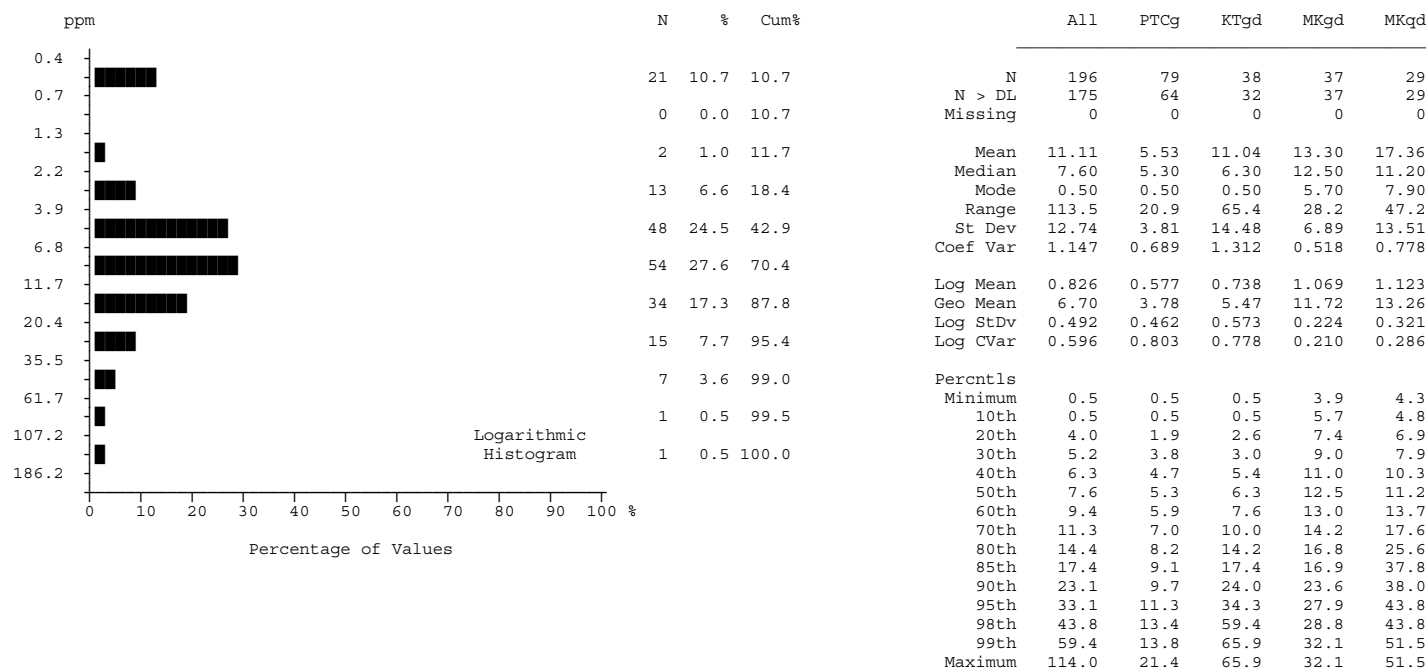
Barium (Ba)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 50
 analytical method : INAA

Barium by INAA

Summary Statistics



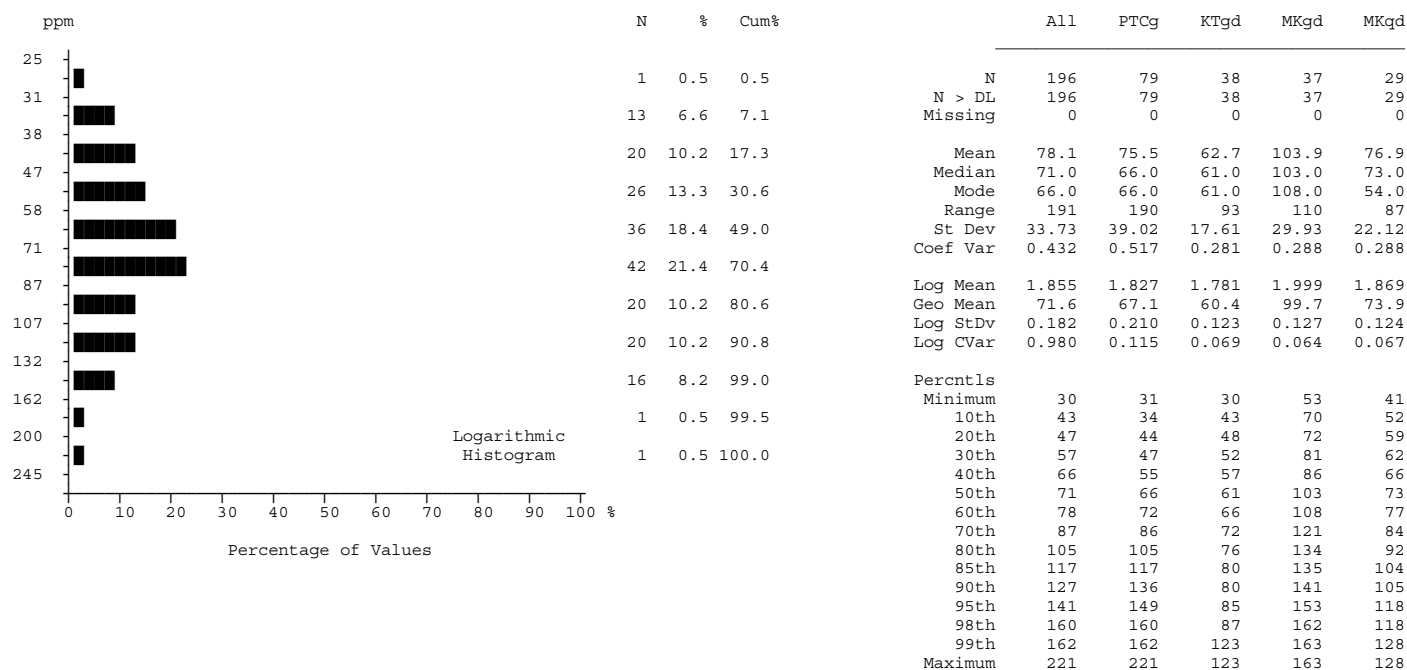
Bromine (Br)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Bromine by INAA

Summary Statistics



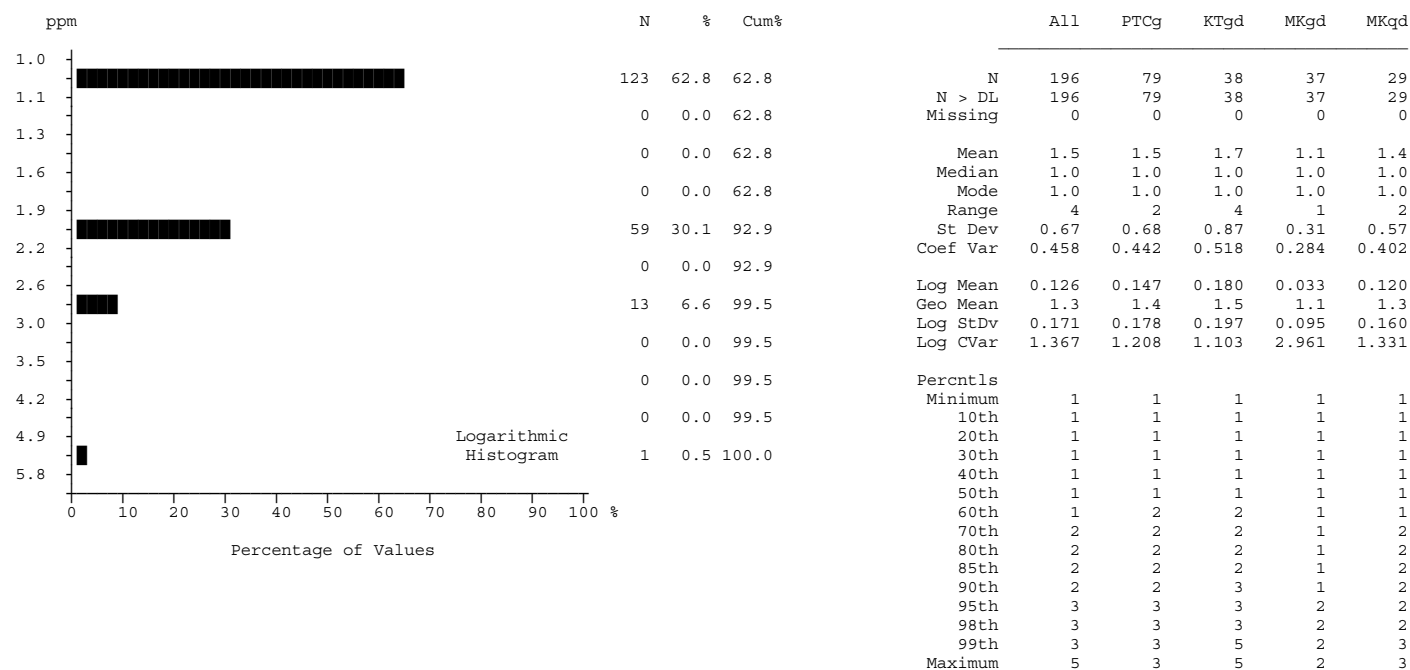
Cerium (Ce)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 5
 analytical method : INAA

Cerium by INAA

Summary Statistics



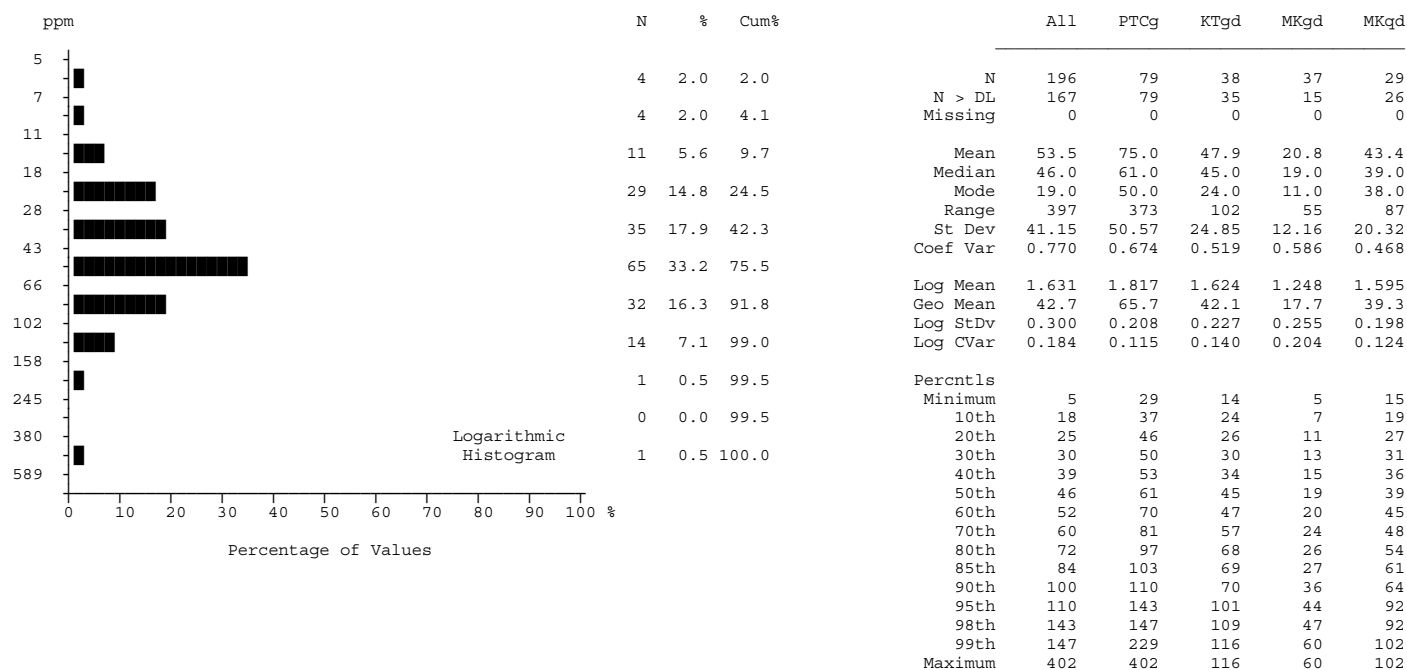
Cesium (Cs)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Cesium by INAA

Summary Statistics



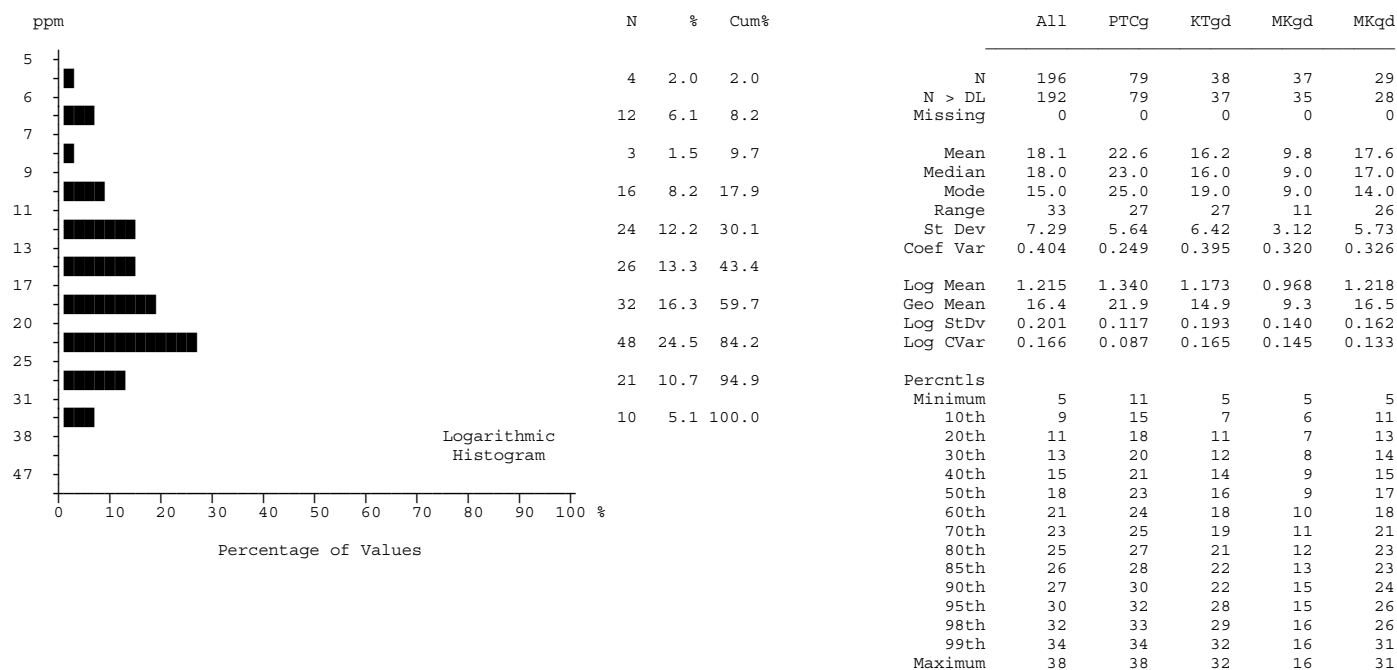
Chromium (Cr)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 20
 analytical method : INAA

Chromium by INAA

Summary Statistics



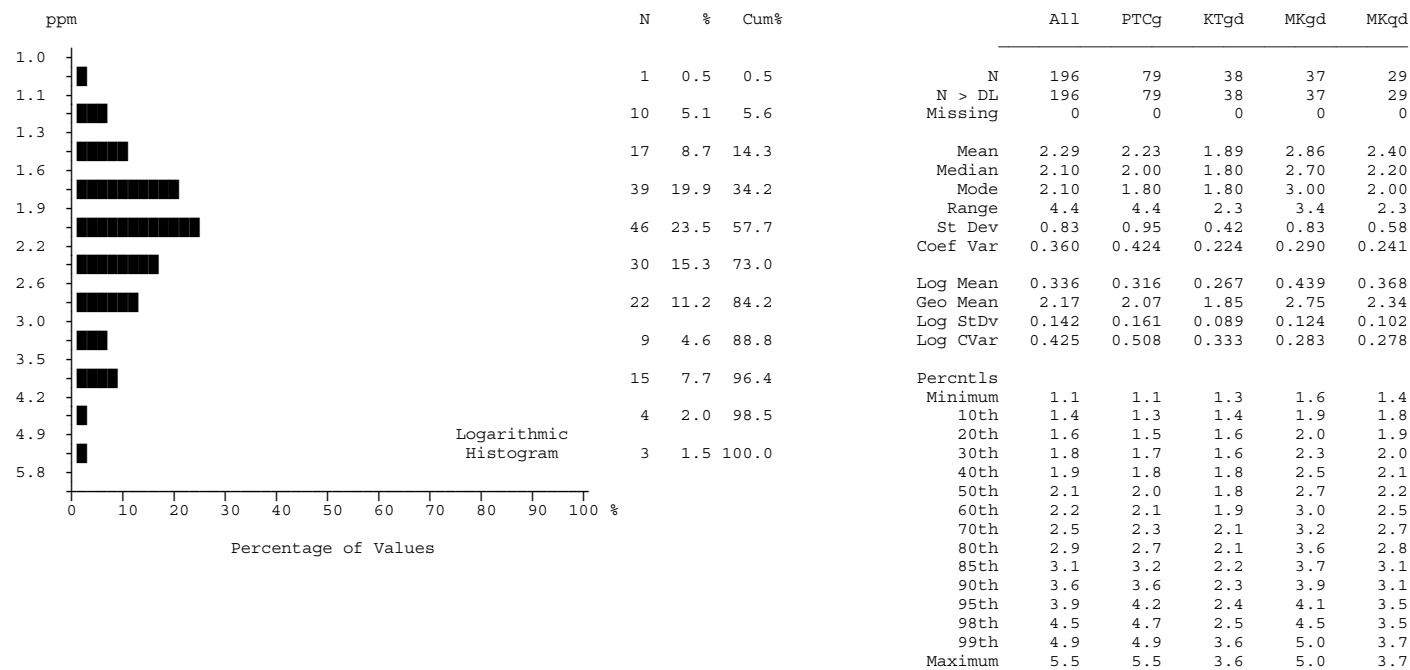
Cobalt (Co)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 5
 analytical method : INAA

Cobalt by INAA

Summary Statistics



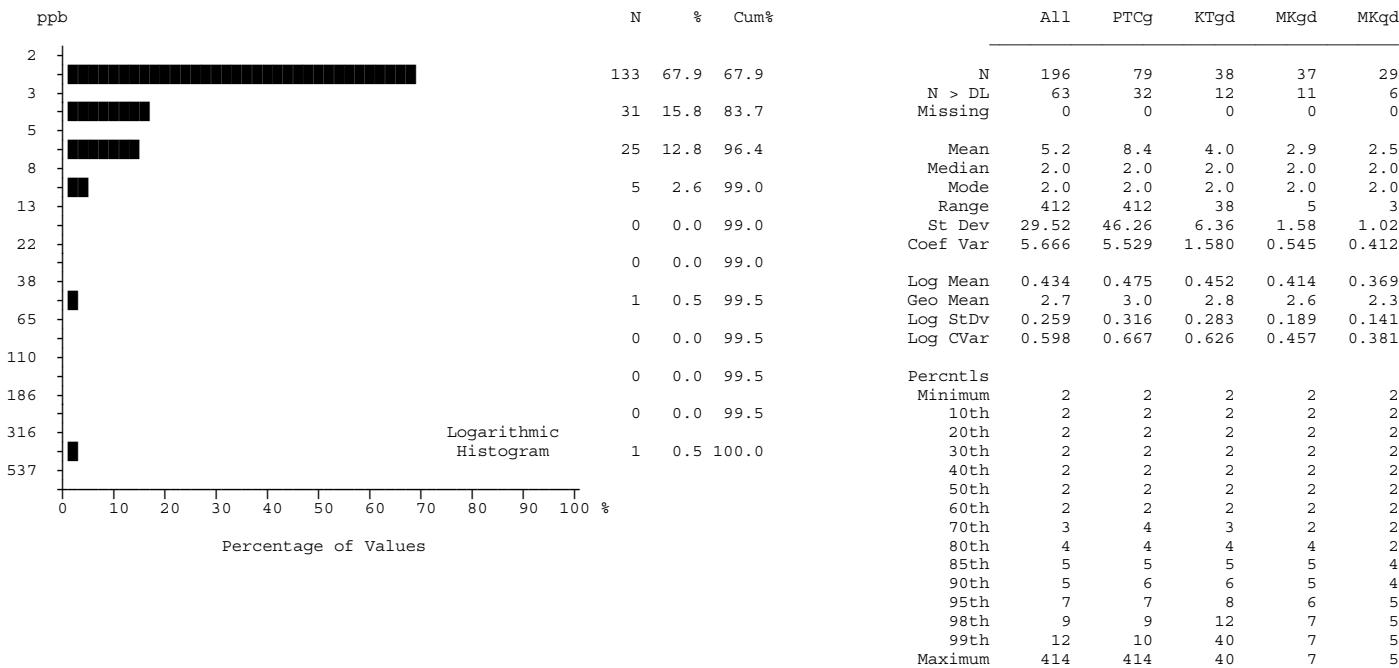
Europium (Eu)

Stream Sediment

number of values	: 196
units	: ppm
detection limit	: 1
analytical method	: INAA

Europium by INAA

Summary Statistics

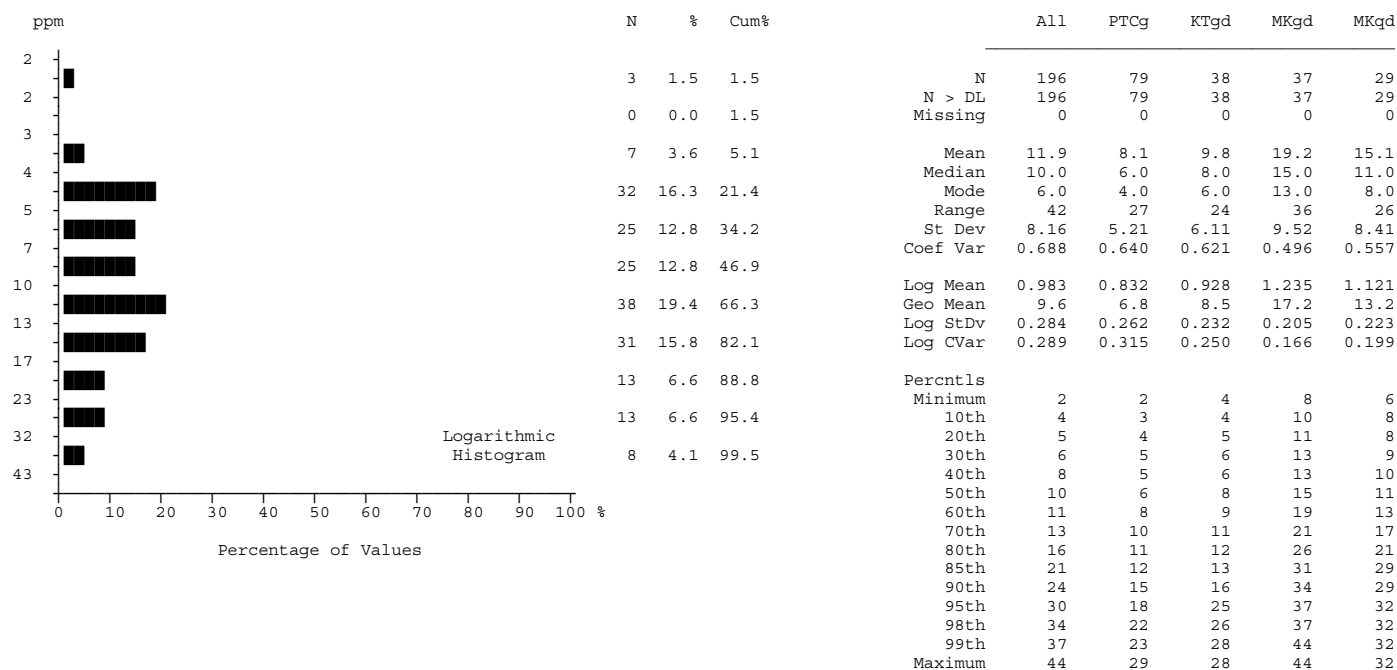


Gold (Au)
Stream Sediment

number of values : 196
units : ppb
detection limit : 2
analytical method : INAA

Gold by INAA

Summary Statistics



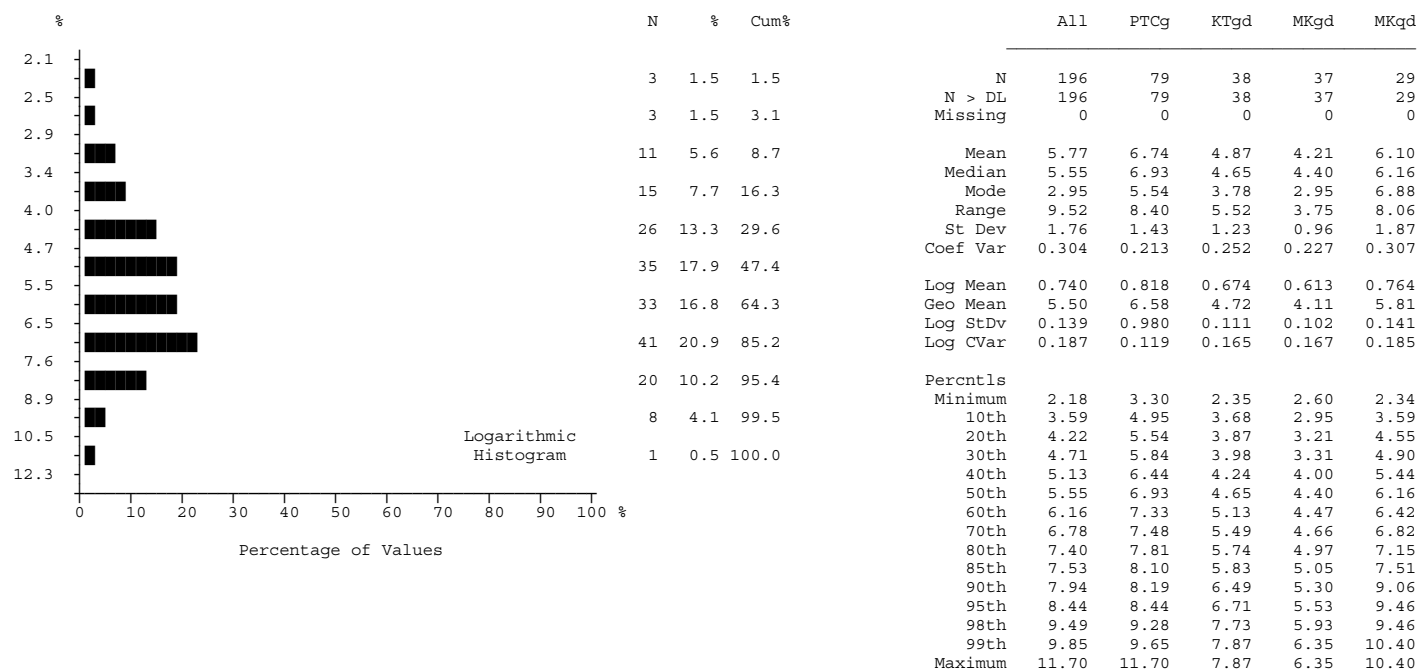
Hafnium (Hf)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 1
 analytical method : INAA

Hafnium by INAA

Summary Statistics



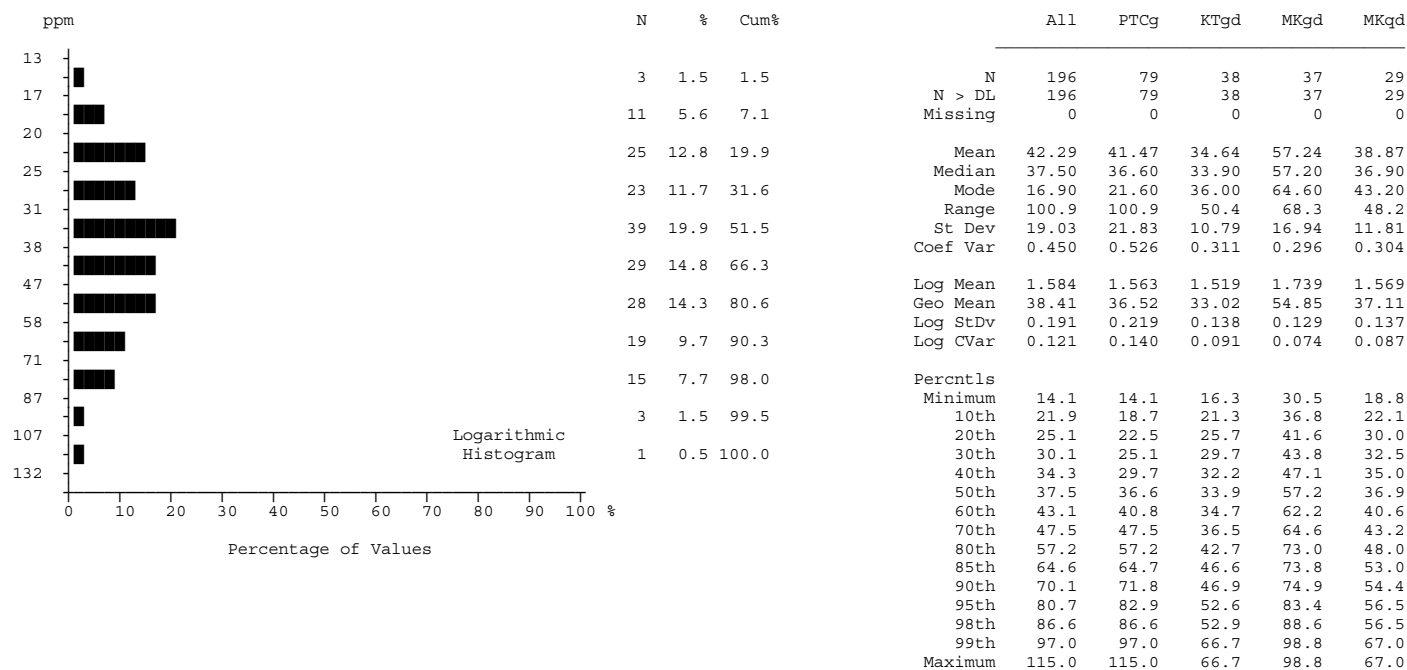
Iron (Fe)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.2
 analytical method : INAA

Iron by INAA

Summary Statistics



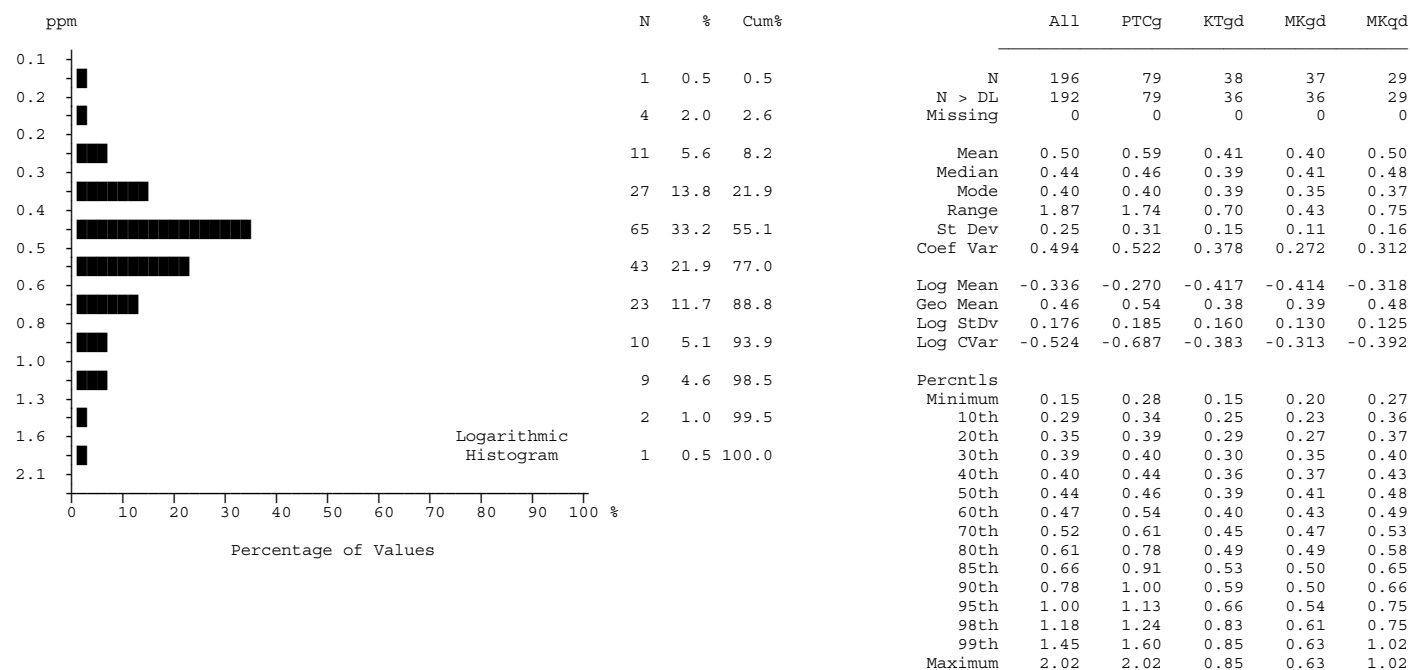
Lanthanum (La)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 2
 analytical method : INAA

Lanthanum by INAA

Summary Statistics



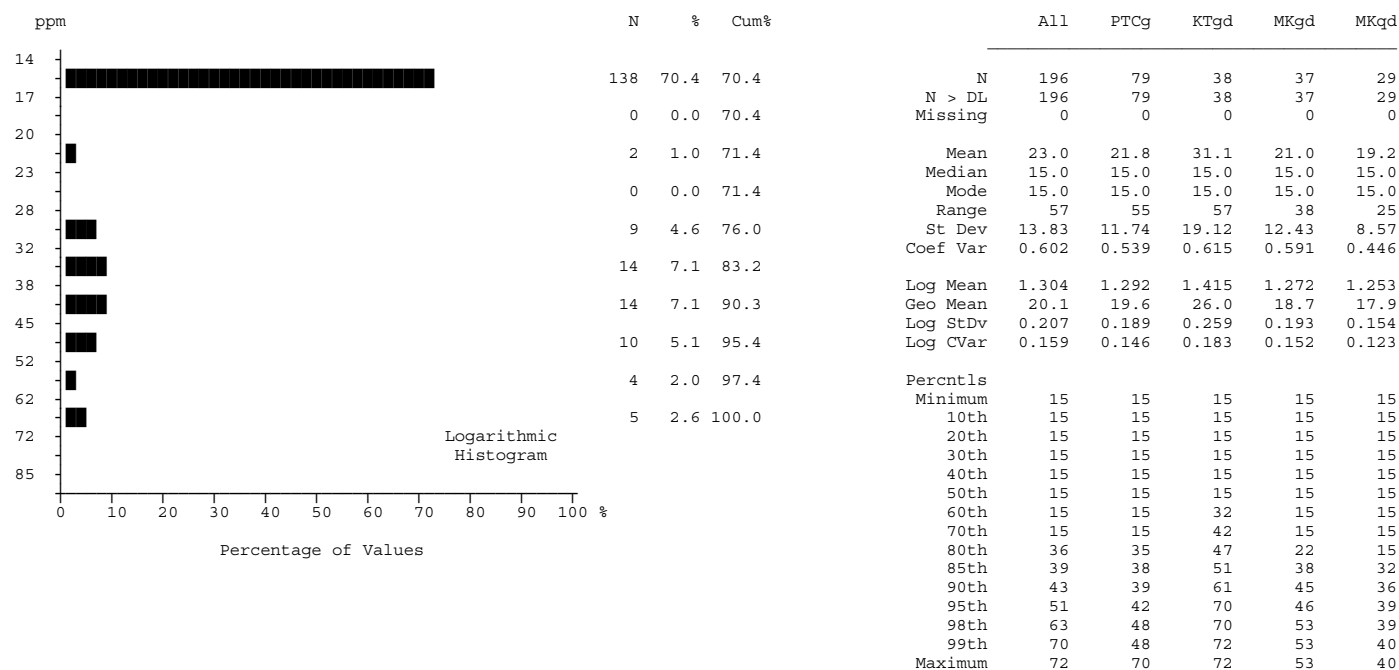
Lutetium (Lu)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Lutetium by INAA

Summary Statistics



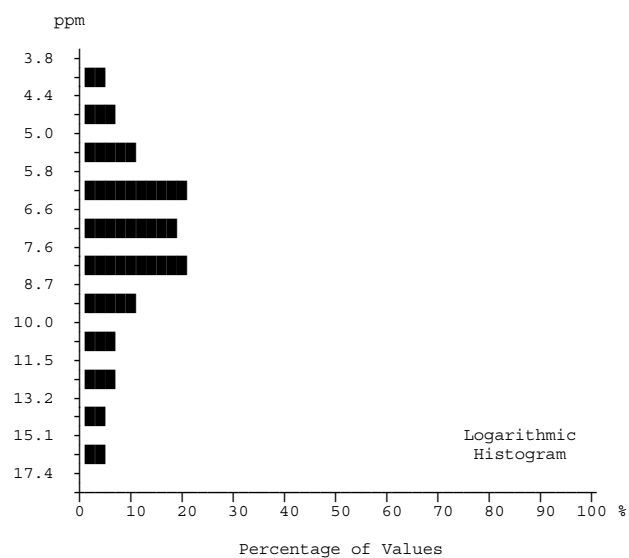
Rubidium (Rb)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 15
 analytical method : INAA

Rubidium by INAA

Summary Statistics



N	%	Cum%
7	3.6	3.6
11	5.6	9.2
17	8.7	17.9
37	18.9	36.7
35	17.9	54.6
37	18.9	73.5
18	9.2	82.7
12	6.1	88.8
9	4.6	93.4
7	3.6	96.9
6	3.1	100.0

	All	PTCg	KTgd	MKgd	MKqd
N	196	79	38	37	29
N > DL	196	79	38	37	29
Missing	0	0	0	0	0
Mean	7.90	8.01	6.76	9.41	7.56
Median	7.20	7.20	6.60	9.10	7.40
Mode	6.70	7.70	4.90	6.70	5.80
Range	13.1	13.1	7.5	12.3	6.3
St Dev	2.72	3.20	1.38	2.83	1.61
Coef Var	0.345	0.400	0.205	0.301	0.214
Log Mean	0.875	0.874	0.822	0.955	0.869
Geo Mean	7.50	7.47	6.64	9.02	7.40
Log StDv	0.136	0.158	0.083	0.127	0.091
Log CVar	0.155	0.180	0.101	0.133	0.104
Percentls					
Minimum	4.0	4.0	4.7	4.3	5.0
10th	5.2	4.6	4.9	6.7	5.8
20th	5.8	5.5	5.5	6.9	5.9
30th	6.4	5.9	6.3	7.8	6.5
40th	6.7	6.6	6.4	8.1	6.8
50th	7.2	7.2	6.6	9.1	7.4
60th	7.8	7.7	6.8	9.3	7.8
70th	8.5	8.7	7.1	10.1	8.0
80th	9.4	9.6	7.6	11.6	8.5
85th	10.1	10.9	7.8	11.6	9.5
90th	11.6	13.2	8.2	12.7	9.6
95th	13.4	15.1	8.6	14.4	10.9
98th	16.5	16.6	8.6	16.5	10.9
99th	16.6	17.0	12.2	16.6	11.3
Maximum	17.1	17.1	12.2	16.6	11.3

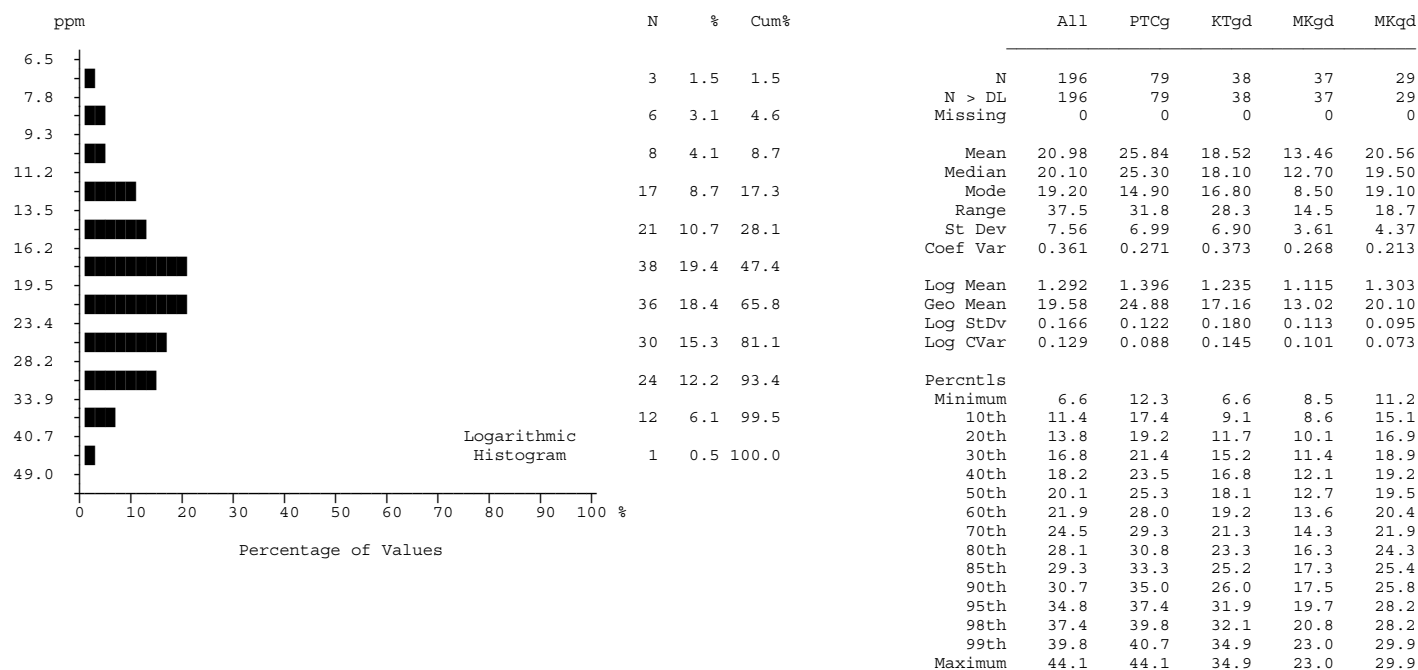
Samarium (Sm)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.1
 analytical method : INAA

Samarium by INAA

Summary Statistics



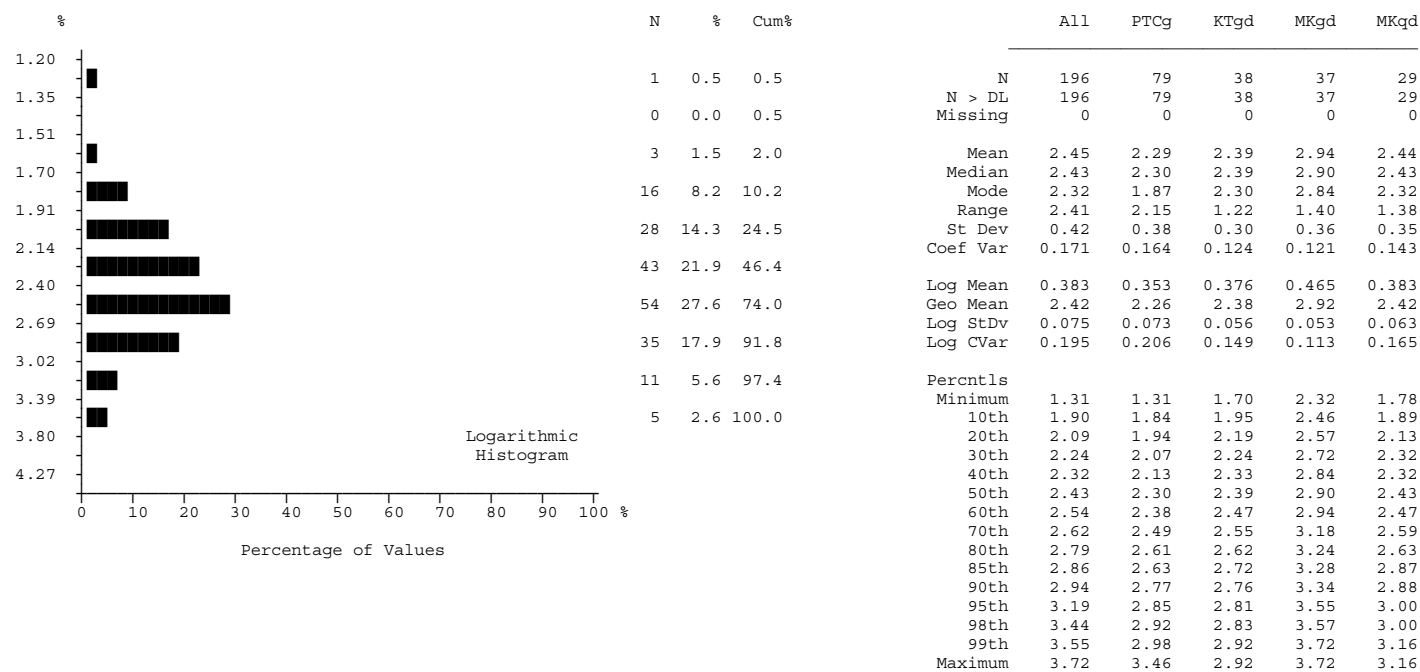
Scandium (Sc)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Scandium by INAA

Summary Statistics



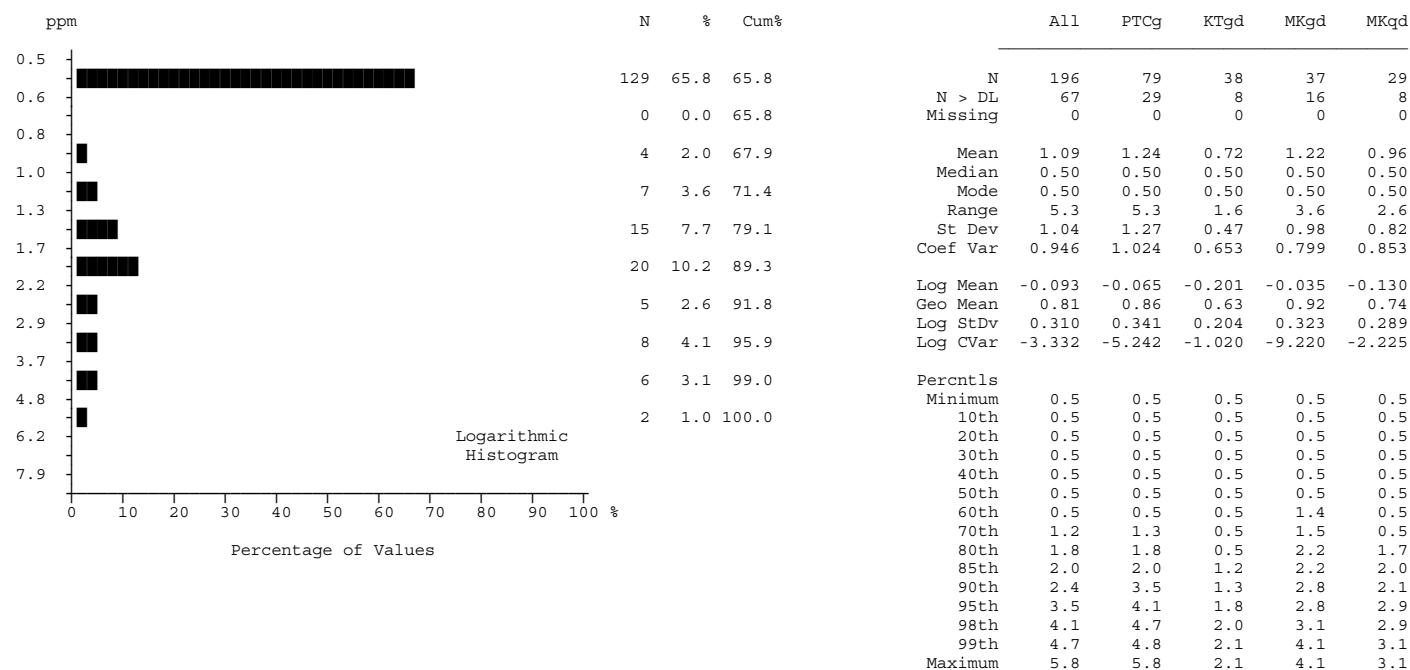
Sodium (Na)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.02
 analytical method : INAA

Sodium by INAA

Summary Statistics



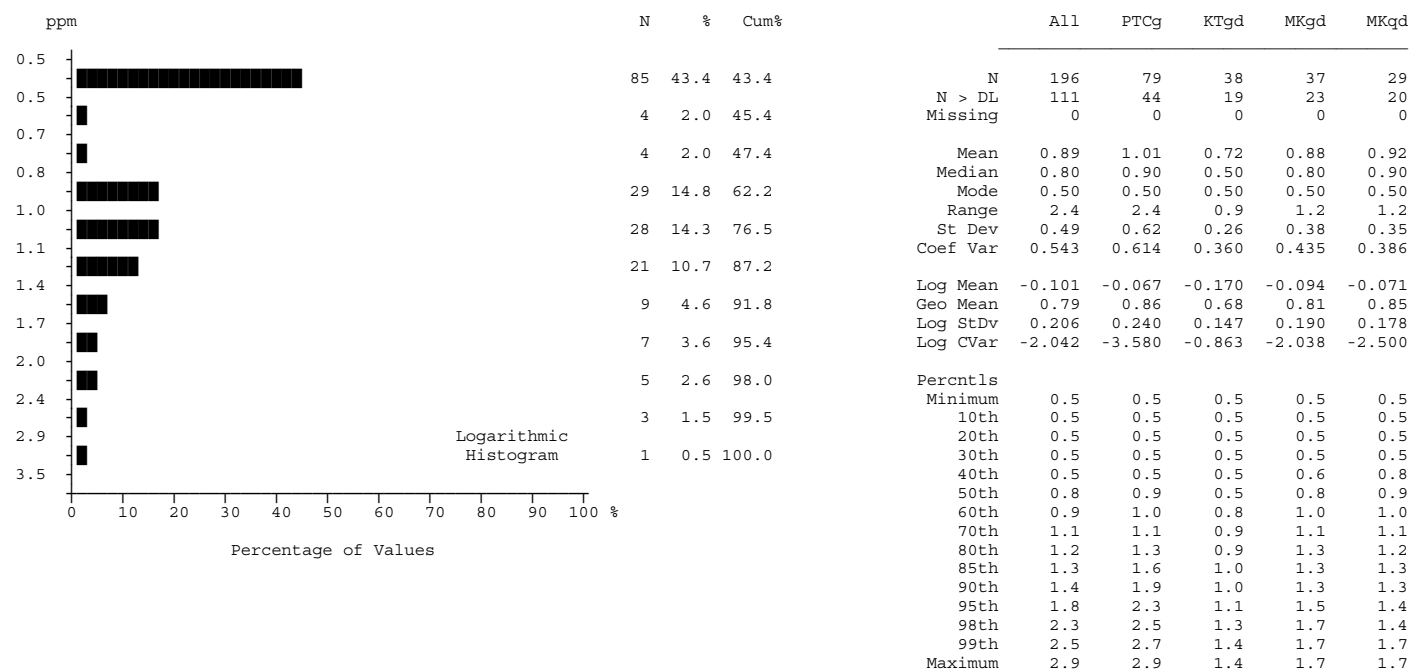
Tantalum (Ta)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Tantalum by INAA

Summary Statistics



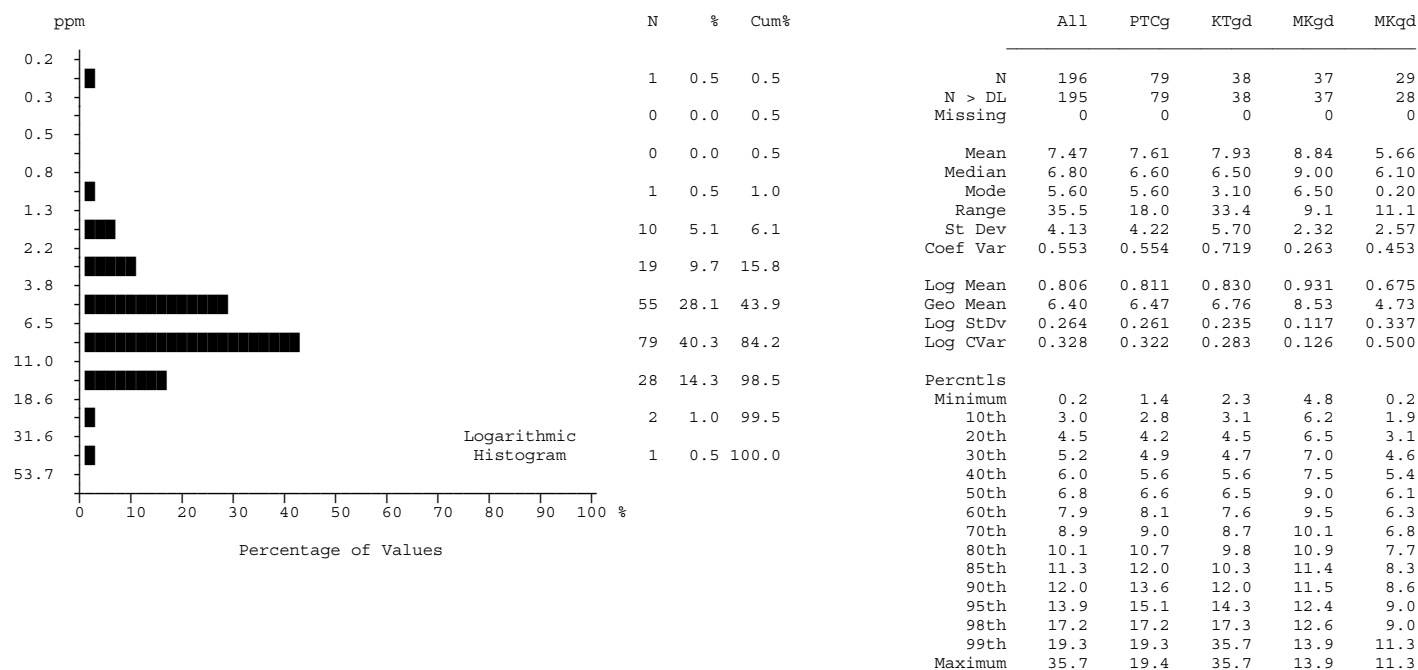
Terbium (Tb)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Terbium by INAA

Summary Statistics



Thorium (Th)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Thorium by INAA

Summary Statistics

Histograms are not calculated for variables with fewer than 15 samples above the detection limit.

	All	PTCg	KTgd	MKg	MKg
N	196	79	38	37	29
N > DL	5	3	1	1	0
Missing	0	0	0	0	0
Mean	1.2	1.3	1.1	1.2	1.0
Median	1.0	1.0	1.0	1.0	1.0
Mode	1.0	1.0	1.0	1.0	1.0
Range	19	19	3	7	0
St Dev	1.47	2.16	0.49	1.15	0.00
Coef Var	1.258	1.669	0.451	0.968	0.000
Log Mean	0.019	0.029	0.016	0.024	0.000
Geo Mean	1.0	1.1	1.0	1.1	1.0
Log StDv	0.129	0.163	0.980	0.148	0.000
Log CVar	6.799	5.837	6.511	6.186	0.000
Percentls					
Minimum	1	1	1	1	1
10th	1	1	1	1	1
20th	1	1	1	1	1
30th	1	1	1	1	1
40th	1	1	1	1	1
50th	1	1	1	1	1
60th	1	1	1	1	1
70th	1	1	1	1	1
80th	1	1	1	1	1
85th	1	1	1	1	1
90th	1	1	1	1	1
95th	1	1	1	1	1
98th	3	3	1	1	1
99th	4	3	4	8	1
Maximum	20	20	4	8	1

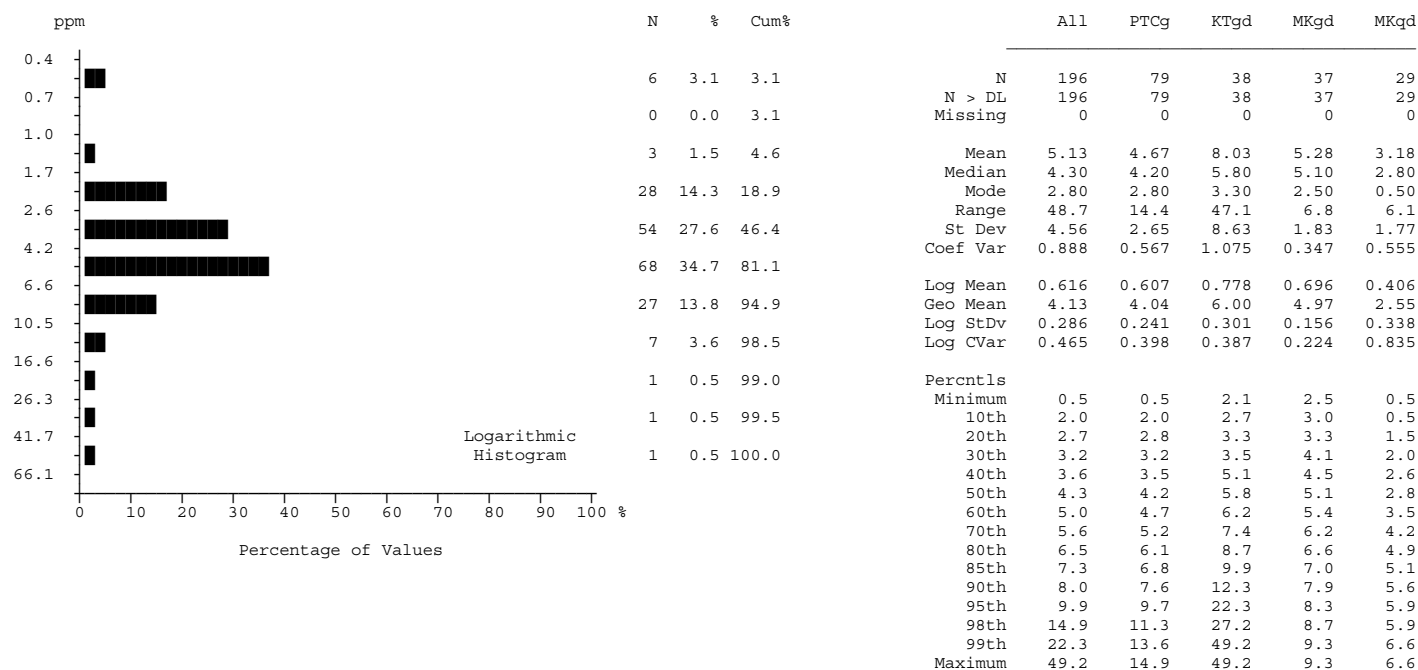
Tungsten (W)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 1
 analytical method : INAA

Tungsten by INAA

Summary Statistics



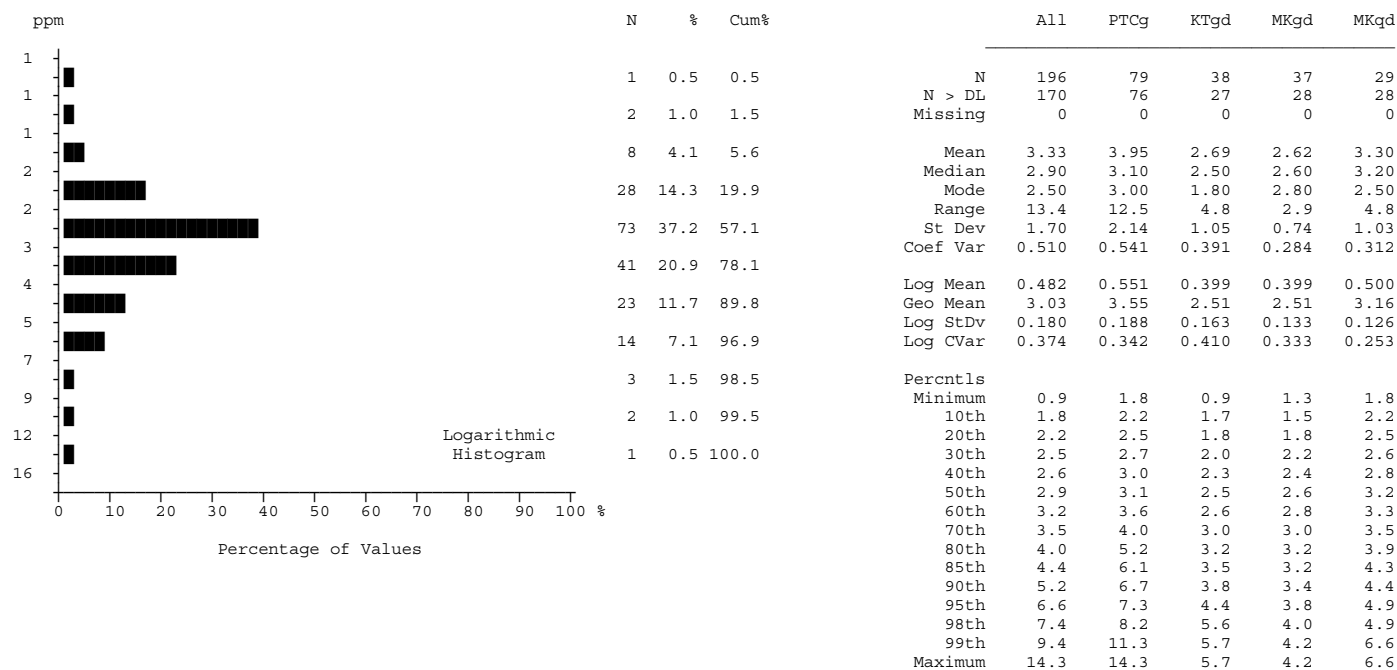
Uranium (U)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Uranium by INAA

Summary Statistics



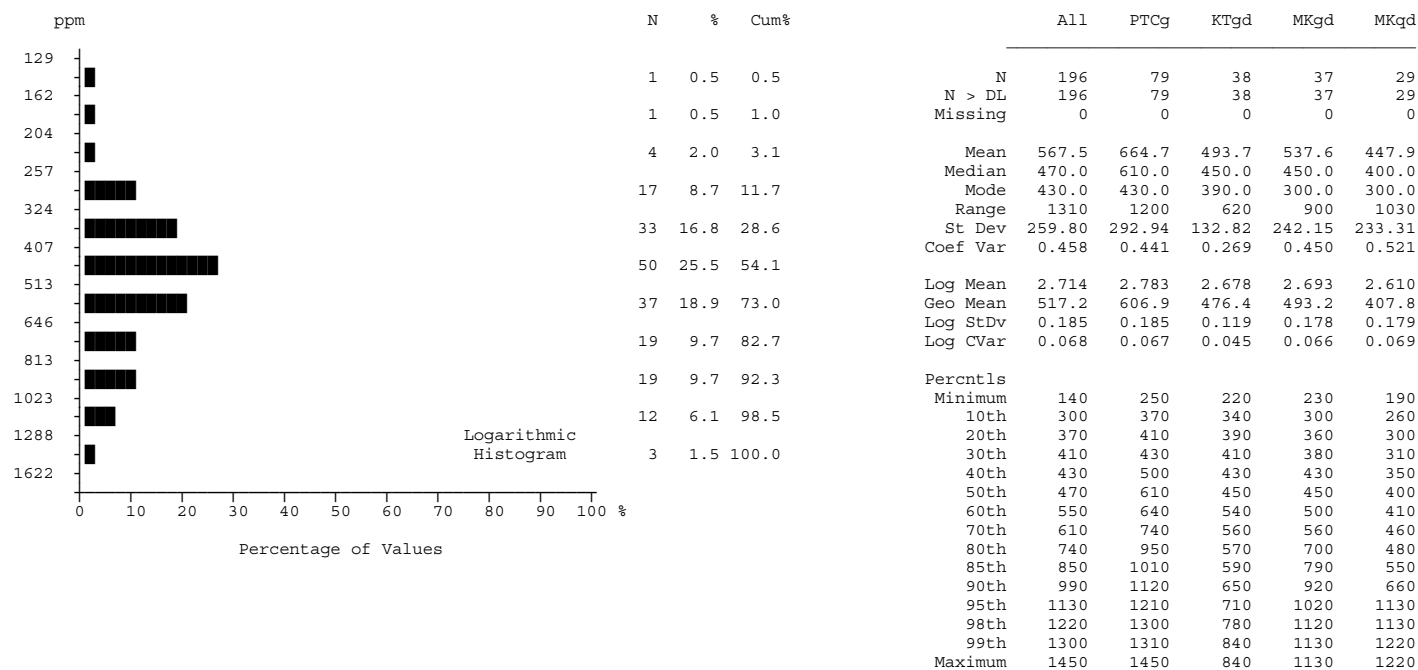
Ytterbium (Yb)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 2
 analytical method : INAA

Ytterbium by INAA

Summary Statistics



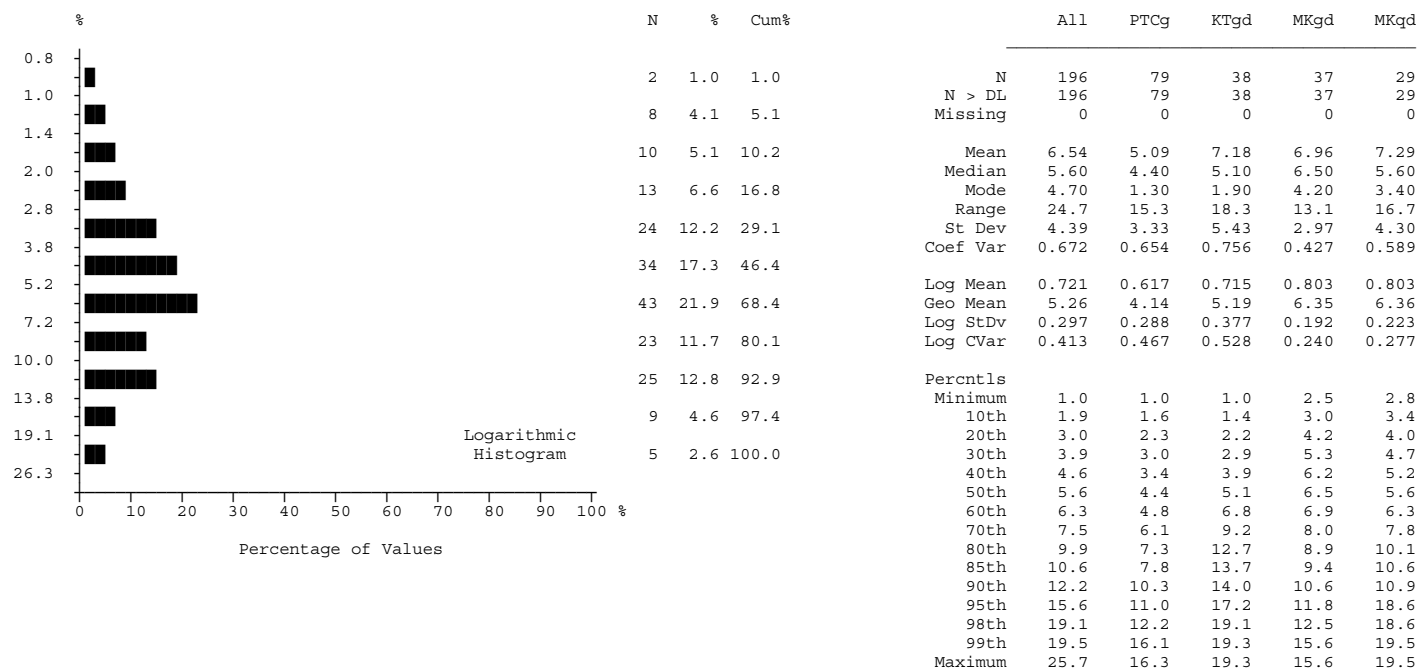
Fluorine (F)

Stream Sediment

number of values : 196
 units : ppm
 detection limit : 10
 analytical method : ION

Fluorine by ION

Summary Statistics



Loss on Ignition (LOI)

Stream Sediment

number of values : 196
 units : %
 detection limit : 0.1
 analytical method : GRAV

Loss on Ignition by GRAV

Summary Statistics

Histograms are not calculated for variables with fewer than 15 samples above the detection limit.

	All	PTCg	KTgd	MKg	MKg
N	195	78	38	37	29
N > DL	13	4	2	3	2
Missing	1	1	0	0	0
Mean	20.3	20.3	20.3	20.2	20.1
Median	20.0	20.0	20.0	20.0	20.0
Mode	20.0	20.0	20.0	20.0	20.0
Range	14	10	8	2	2
St Dev	1.48	1.39	1.33	0.55	0.52
Coef Var	0.073	0.069	0.066	0.027	0.026
Log Mean	1.307	1.306	1.306	1.304	1.304
Geo Mean	20.3	20.2	20.2	20.2	20.1
Log StDv	0.026	0.025	0.024	0.011	0.011
Log CVar	0.020	0.019	0.019	0.009	0.008
Percntls					
Minimum	20	20	20	20	20
10th	20	20	20	20	20
20th	20	20	20	20	20
30th	20	20	20	20	20
40th	20	20	20	20	20
50th	20	20	20	20	20
60th	20	20	20	20	20
70th	20	20	20	20	20
80th	20	20	20	20	20
85th	20	20	20	20	20
90th	20	20	20	20	20
95th	22	20	20	22	22
98th	24	24	22	22	22
99th	28	26	28	22	22
Maximum	34	30	28	22	22

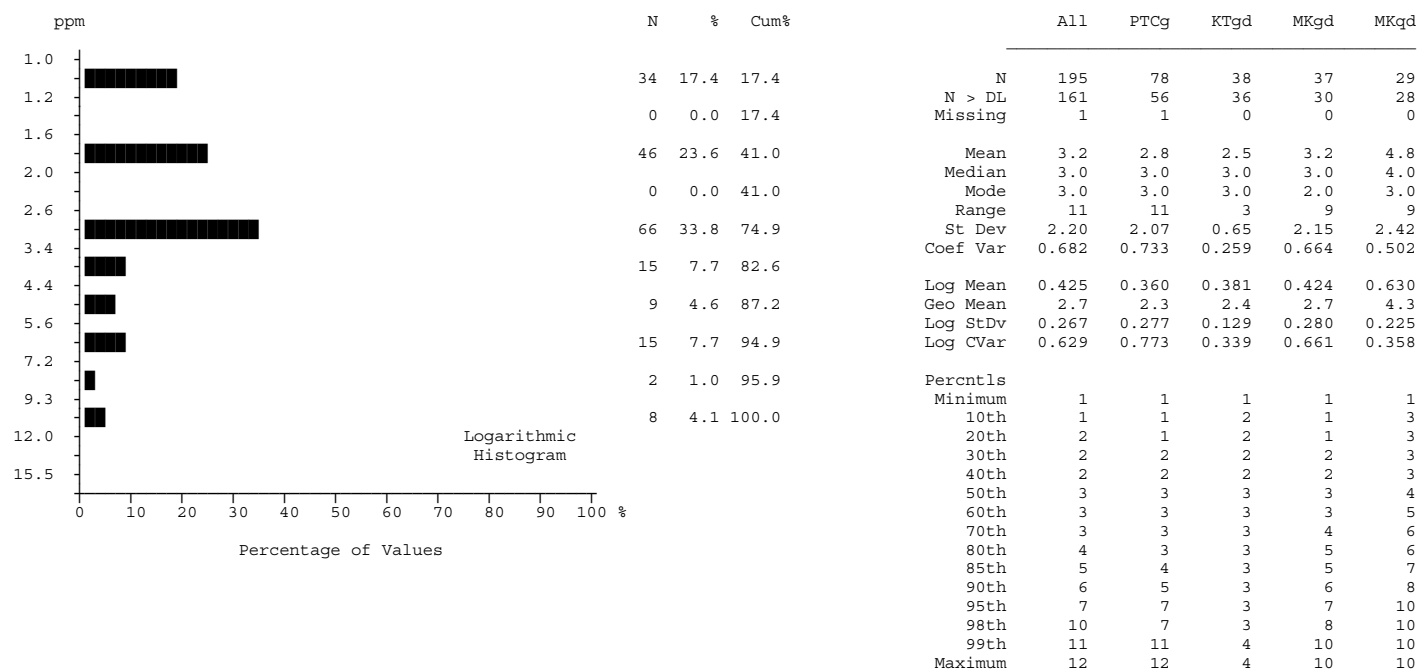
Fluoride (FW)

Stream Water

number of values	: 195
units	: ppb
detection limit	: 20
analytical method	: ION

Fluoride by ION

Summary Statistics



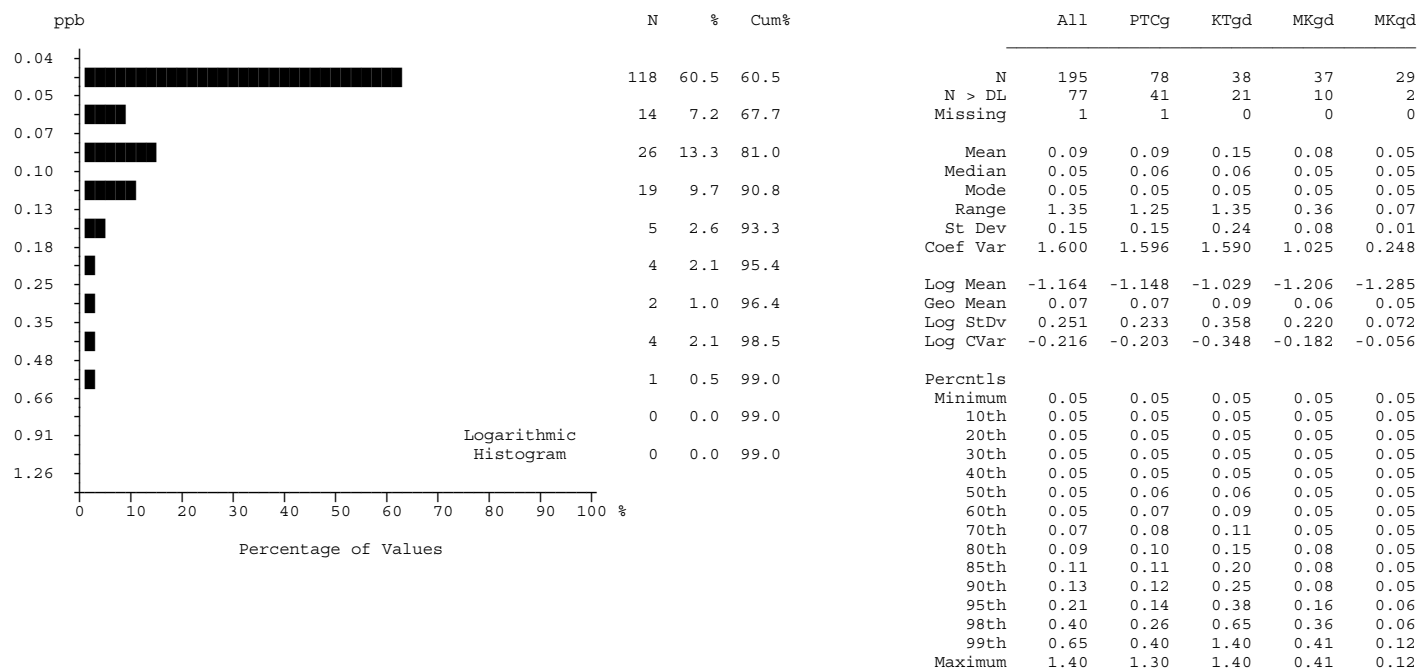
Sulphate (SO₄)

Stream Water

number of values : 195
 units : ppm
 detection limit : 1
 analytical method : TURB

Sulphate by TURB

Summary Statistics



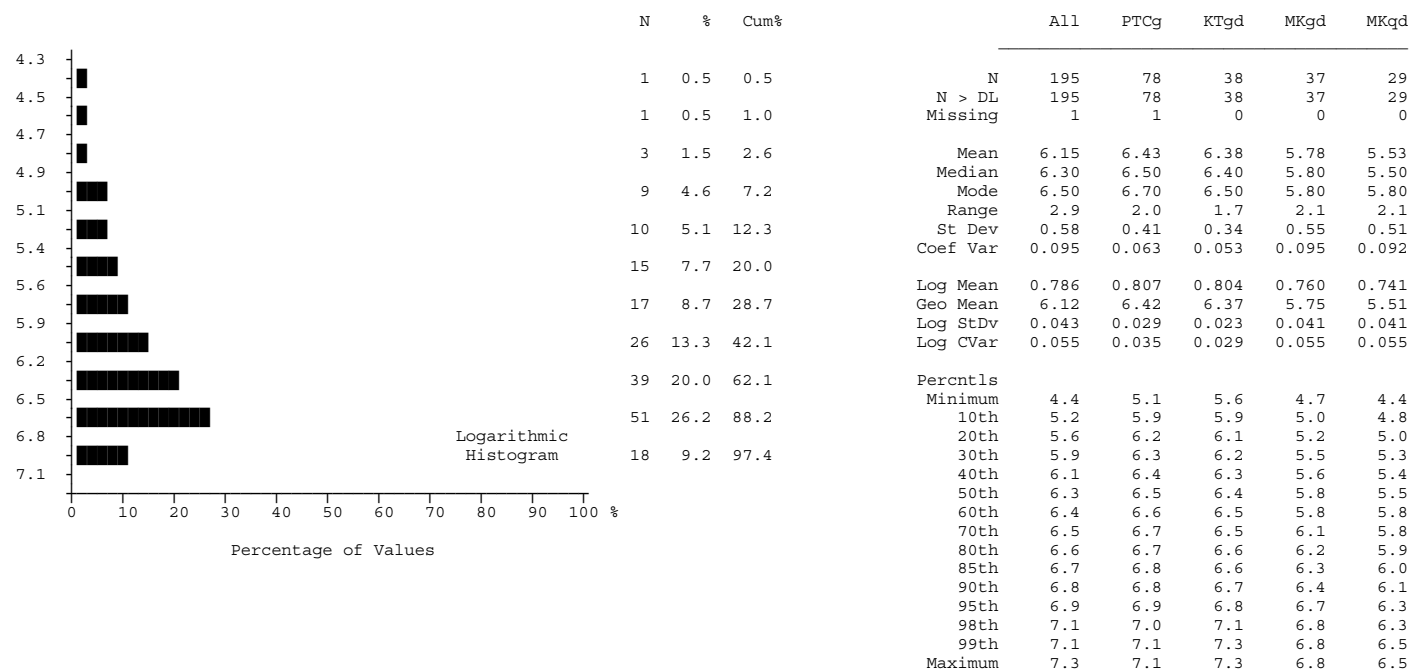
Uranium (UW)

Stream Water

number of values : 195
 units : ppb
 detection limit : 0.05
 analytical method : LIF

Uranium by LIF

Summary Statistics



pH
Stream Water

number of values : 195
 units :
 detection limit :
 analytical method : GCE

pH by GCE

STREAM SEDIMENT AND WATER GEOCHEMISTRY OF THE TRIUMPH BAY AREA

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APPENDIX C

** MAPS **

Location	Map	1	Scandium	Sc	ICPMS	Map	25	Hafnium	Hf	INAA	Map	49		
Geology	Map	2	Selenium	Se	ICPMS	Map	26	Iron	Fe	INAA	Map	50		
Aluminum	Al	ICPMS	Map	3	Silver	Ag	ICPMS	Map	27	Lanthanum	La	INAA	Map	51
Antimony	Sb	ICPMS	Map	4	Sodium	Na	ICPMS	Map	28	Lutetium	Lu	INAA	Map	52
Arsenic	As	ICPMS	Map	5	Strontium	Sr	ICPMS	Map	29	Rubidium	Rb	INAA	Map	53
Barium	Ba	ICPMS	Map	6	Sulphur	S	ICPMS	Map	30	Samarium	Sm	INAA	Map	54
Bismuth	Bi	ICPMS	Map	7	Tellurium	Te	ICPMS	Map	31	Scandium	Sc	INAA	Map	55
Cadmium	Cd	ICPMS	Map	8	Thallium	Tl	ICPMS	Map	32	Sodium	Na	INAA	Map	56
Calcium	Ca	ICPMS	Map	9	Thorium	Th	ICPMS	Map	33	Tantalum	Ta	INAA	Map	57
Chromium	Cr	ICPMS	Map	10	Titanium	Ti	ICPMS	Map	34	Terbium	Tb	INAA	Map	58
Cobalt	Co	ICPMS	Map	11	Tungsten	W	ICPMS	Map	35	Thorium	Th	INAA	Map	59
Copper	Cu	ICPMS	Map	12	Uranium	U	ICPMS	Map	36	Tungsten	W	INAA	Map	60
Gallium	Ga	ICPMS	Map	13	Vanadium	V	ICPMS	Map	37	Uranium	U	INAA	Map	61
Gold	Au	ICPMS	Map	14	Zinc	Zn	ICPMS	Map	38	Ytterbium	Yb	INAA	Map	62
Iron	Fe	ICPMS	Map	15	Antimony	Sb	INAA	Map	39	Fluorine F Loss on Ignition LOI GRAV	ION GRAV	Map	63	
Lanthanum	La	ICPMS	Map	16	Arsenic	As	INAA	Map	40			Map	64	
Lead	Pb	ICPMS	Map	17	Barium	Ba	INAA	Map	41					
Magnesium	Mg	ICPMS	Map	18	Bromine	Br	INAA	Map	42					
Manganese	Mn	ICPMS	Map	19	Cerium	Ce	INAA	Map	43	Water . . .				
Mercury	Hg	ICPMS	Map	20	Cesium	Cs	INAA	Map	44					
Molybdenum	Mo	ICPMS	Map	21	Chromium	Cr	INAA	Map	45	Fluoride	FW	ION	Map	65
Nickel	Ni	ICPMS	Map	22	Cobalt	Co	INAA	Map	46	Sulphate	SO4	TURB	Map	66
Phosphorus	P	ICPMS	Map	23	Europium	Eu	INAA	Map	47	Uranium	UW	LIF	Map	67
Potassium	K	ICPMS	Map	24	Gold	Au	INAA	Map	48	pH	PH	GCE	Map	68

Stream Sediment and Water Geochemistry of the Triumph Bay Area

Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



0 5 10 15
Kilometres

Scale 1:325 000

[illegible][illegible][illegible][illegible][illegible]

Sample Locations

■ KILDALA

7

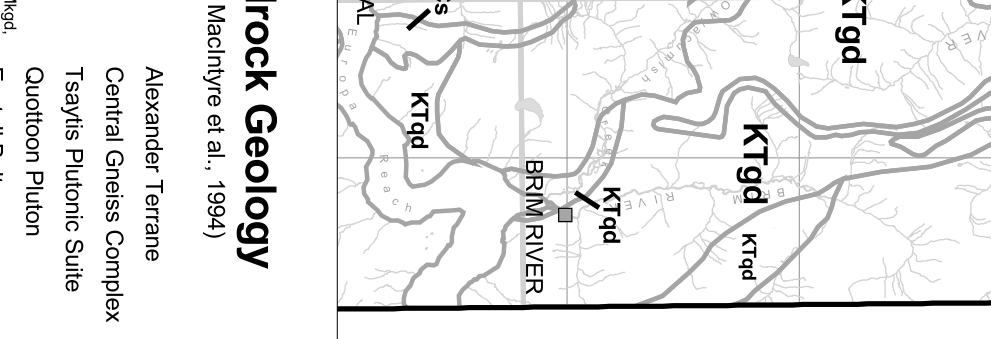
1

Plus

20



7



ck Geology

ntyre et al., 1994)

Alexander Terrane

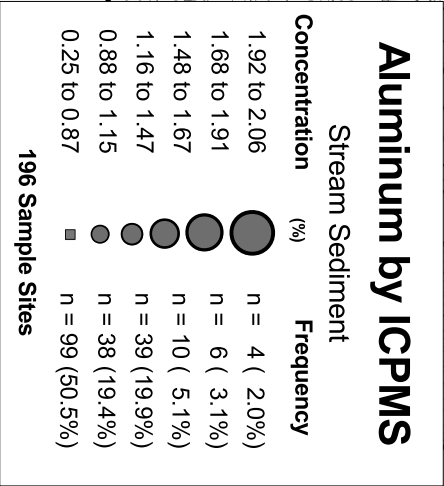
Central Gneiss Complex

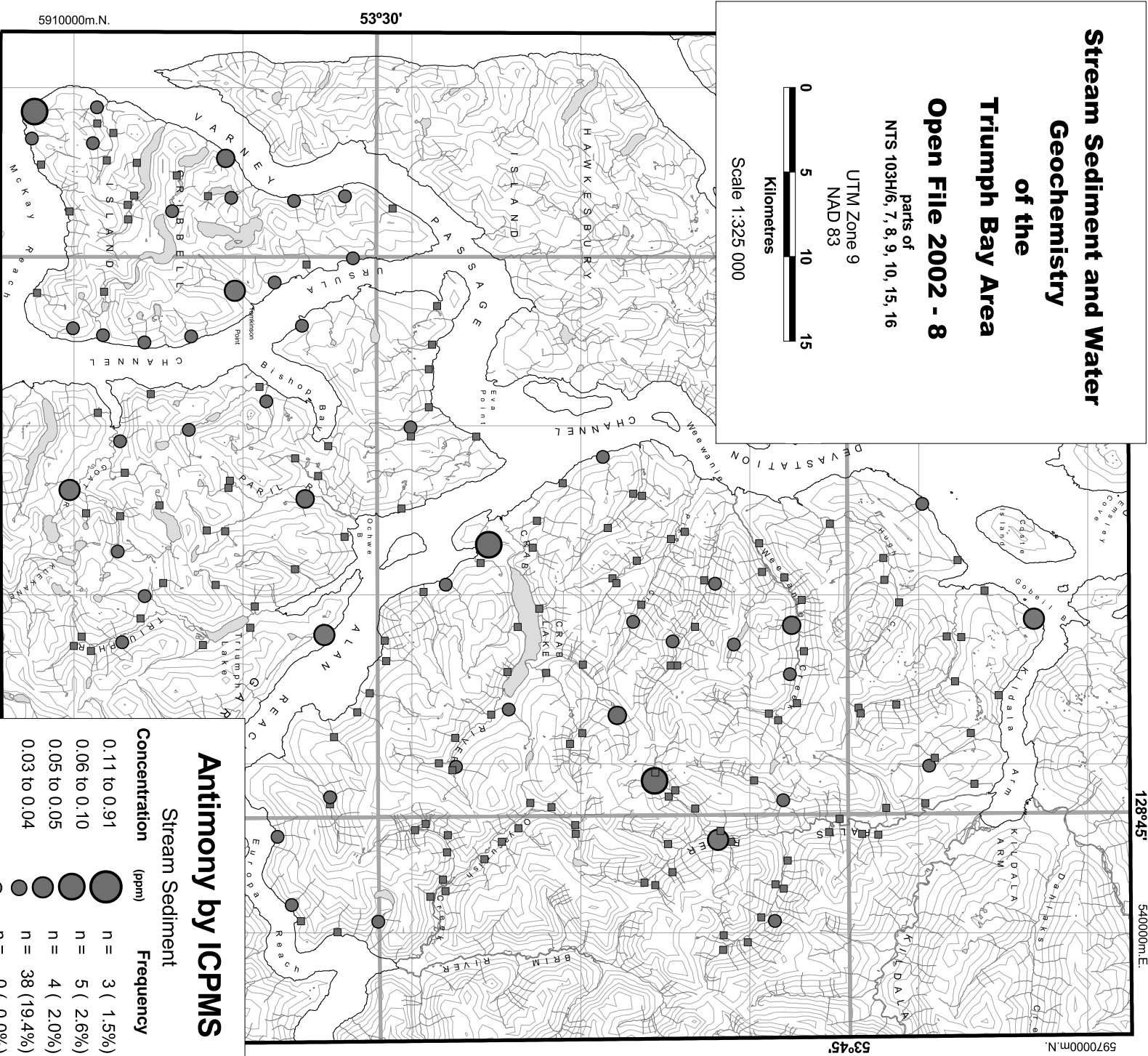
Tsaytis Plutonic Suite

Quotidian Pluton

Ecstall Belt

FILE Occurrence





Stream Sediment and Water Geochemistry of the Triumph Bay Area

Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83

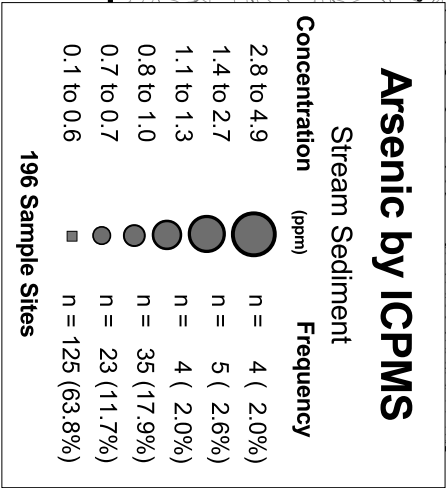


0 5 10 15
Kilometres

Scale 1:325 000

[illegible][illegible]

A detailed topographic map of the Kildala Arm area. The map features contour lines indicating elevation, with labels such as 'DEVASTATION' at the top left. Key geographical features include 'KILDALA ARM', 'DANILAKS GLE', and 'CRAIG'. Sampling stations are marked with black circles and squares. A grid system is overlaid on the map, with coordinates 128°45' E and 540000m E indicated on the right side. The map also shows 'SMILEY COVE' and 'CHIEF' islands.

[illegible][illegible]

Arsenic by ICPMS

Stream Sediment

Concentration (ppm)	Frequency
2.8 to 4.9	n = 4 (2.0%)
1.4 to 2.7	n = 5 (2.6%)
1.1 to 1.3	n = 4 (2.0%)
0.8 to 1.0	n = 35 (17.9%)
0.7 to 0.7	n = 23 (11.7%)
0.1 to 0.6	n = 125 (63.8%)

196 Sample Sites

Arsenic by ICPMS

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196 Sample Sites

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0.7 to 0.7	n = 23 (11.7%)
0.1 to 0.6	n = 125 (63.8%)

196 Sample Sites

Arsenic by ICPMS

Stream Sediment

Concentration (ppm)	Frequency
2.8 to 4.9	n = 4 (2.0%)
1.4 to 2.7	n = 5 (2.6%)
1.1 to 1.3	n = 4 (2.0%)
0.8 to 1.0	n = 35 (17.9%)
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196 Sample Sites

Stream Sediment and Water Geochemistry

Open File 2002 - 8

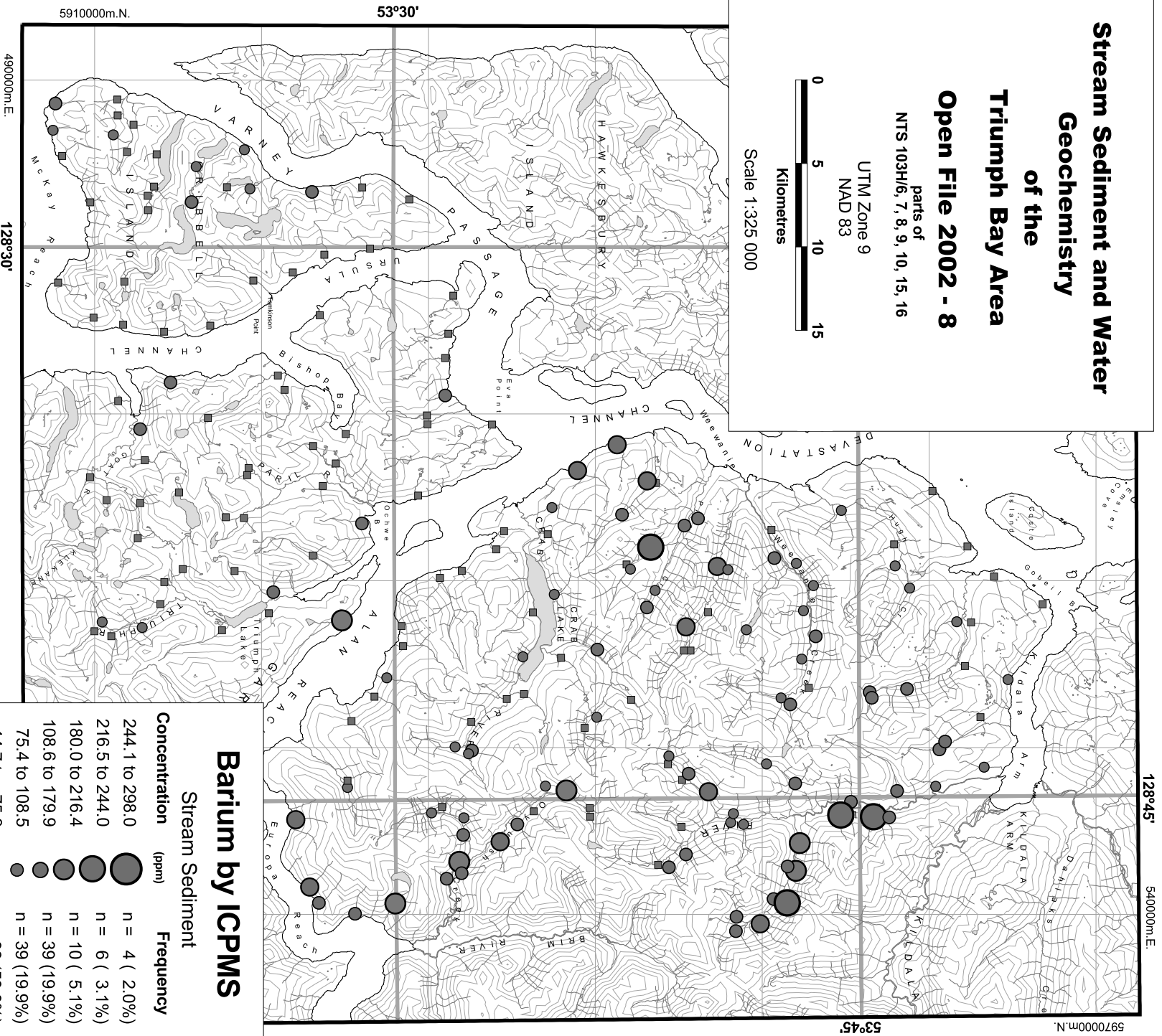
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83

NAD 83



Scale 1:325 000



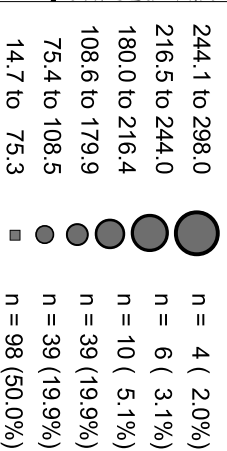
Barium by ICPMS

Stream Sediment

Concentration

(ppm)

Frequency



196 Sample Sites

Stream Sediment and Water Geochemistry

Open File 2002 - 8

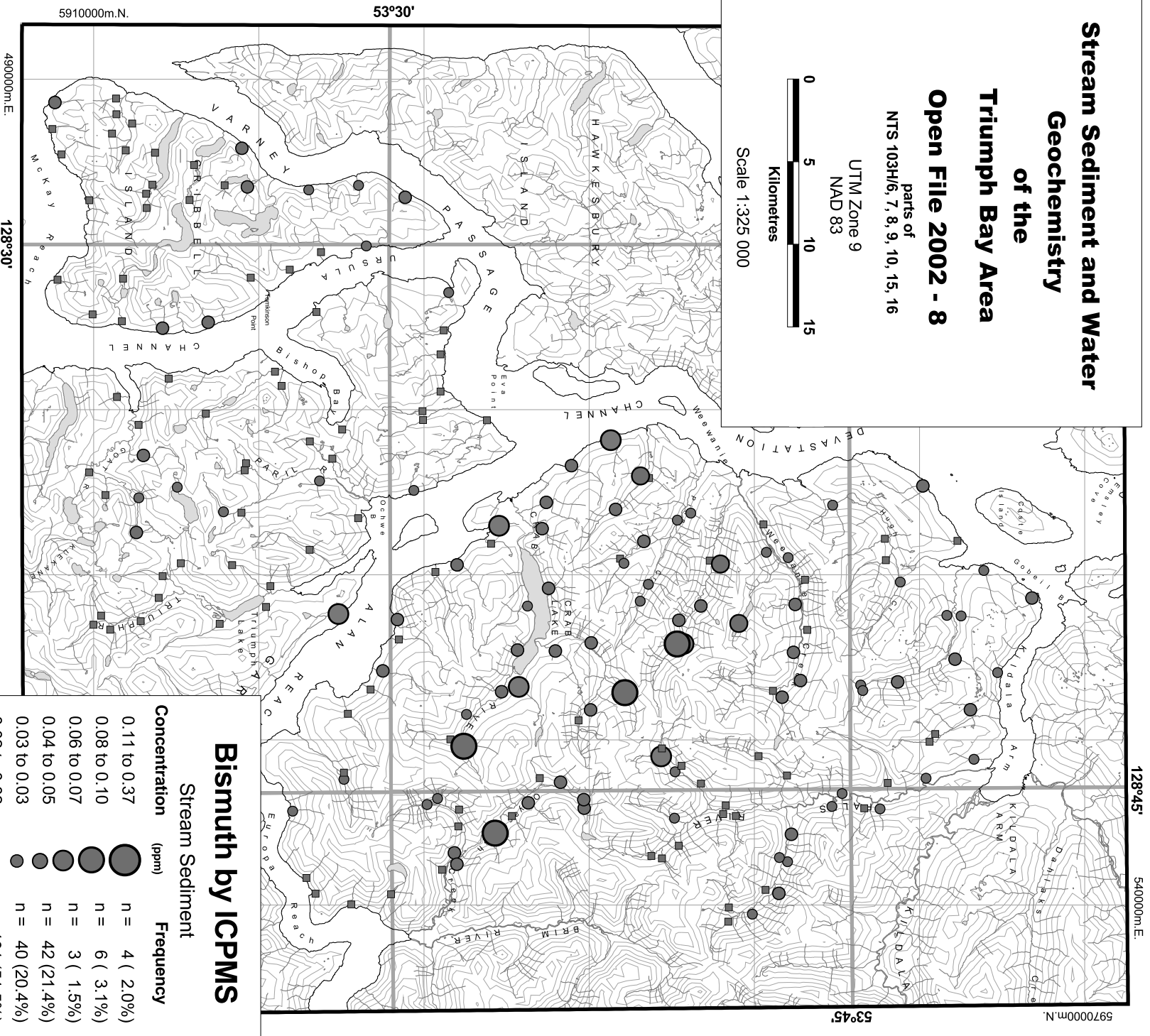
parts of
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UTM Zone 9
NAD 83

NAD 83



Scale 1:325 000



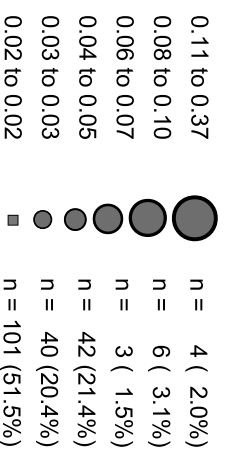
Bismuth by ICPMS

Stream Sediment

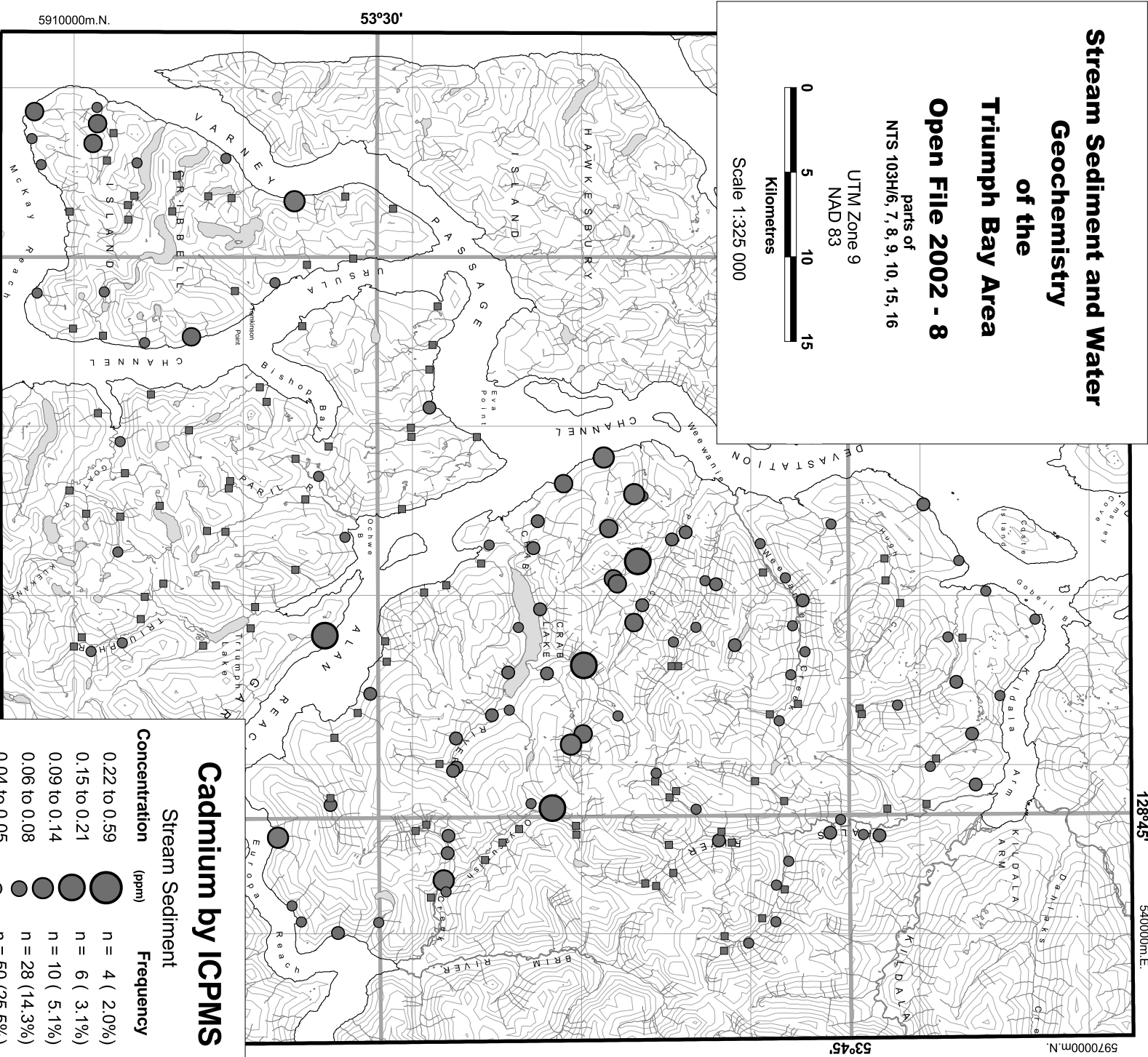
Concentration

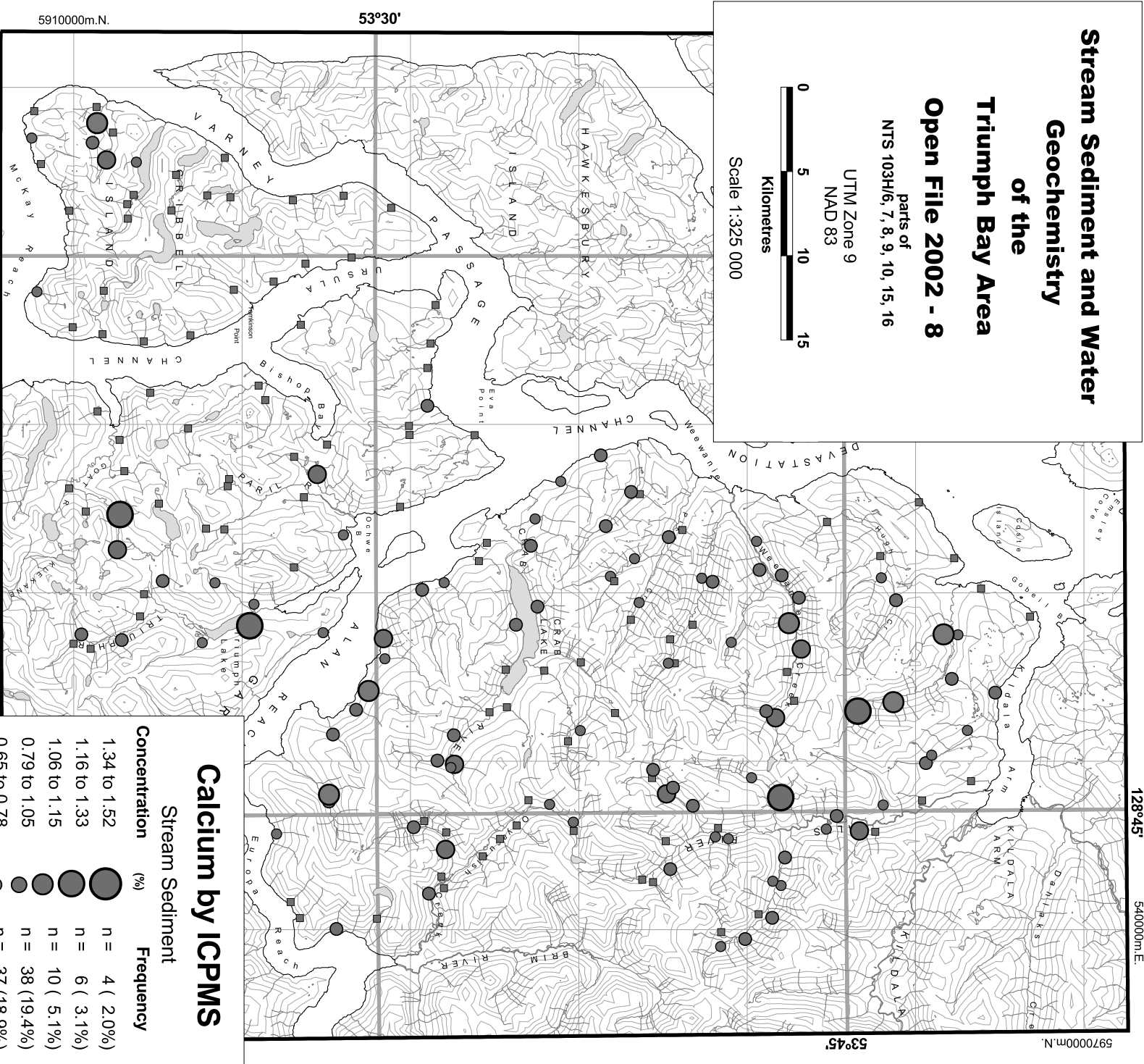
(ppm)

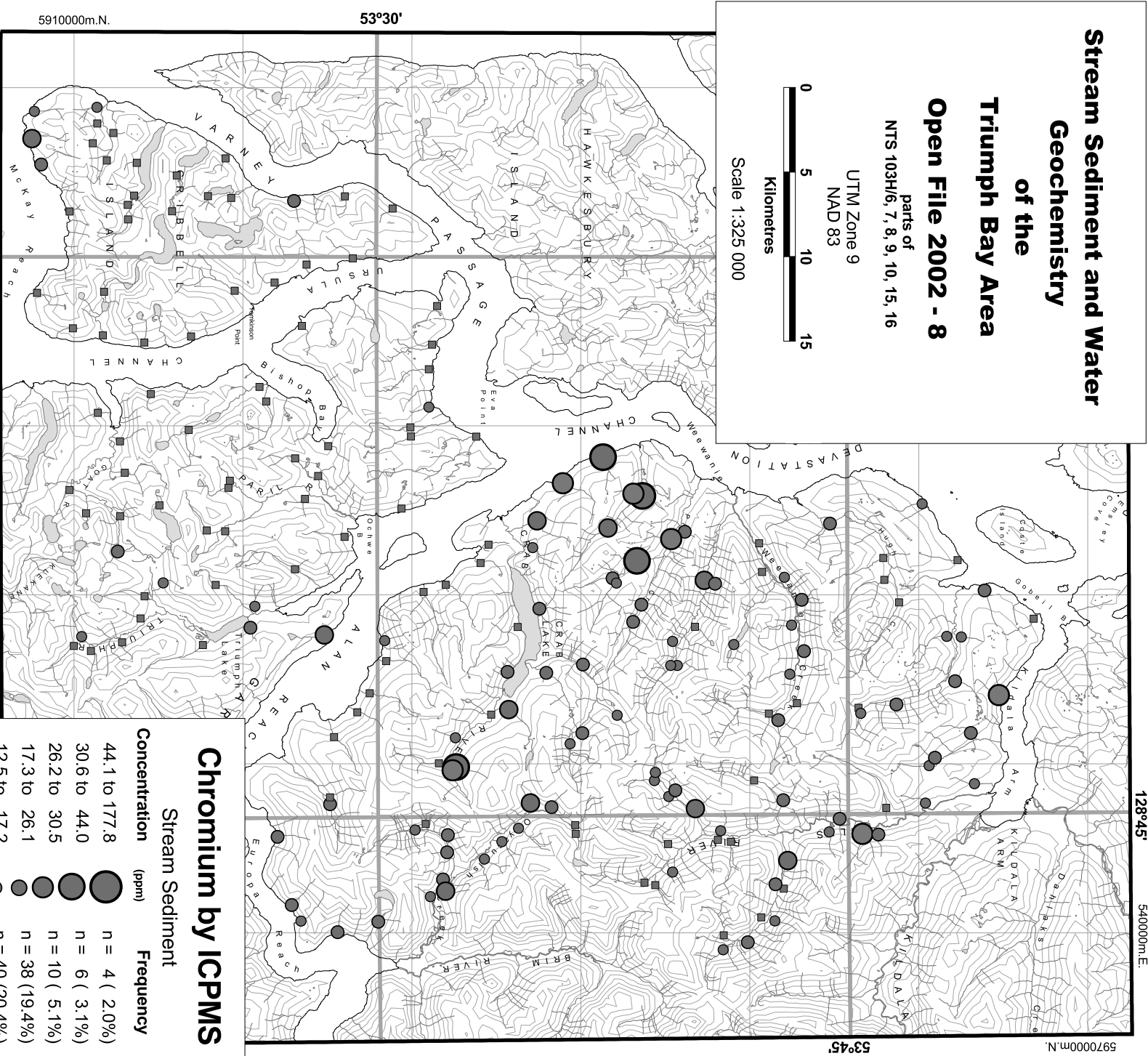
Frequency

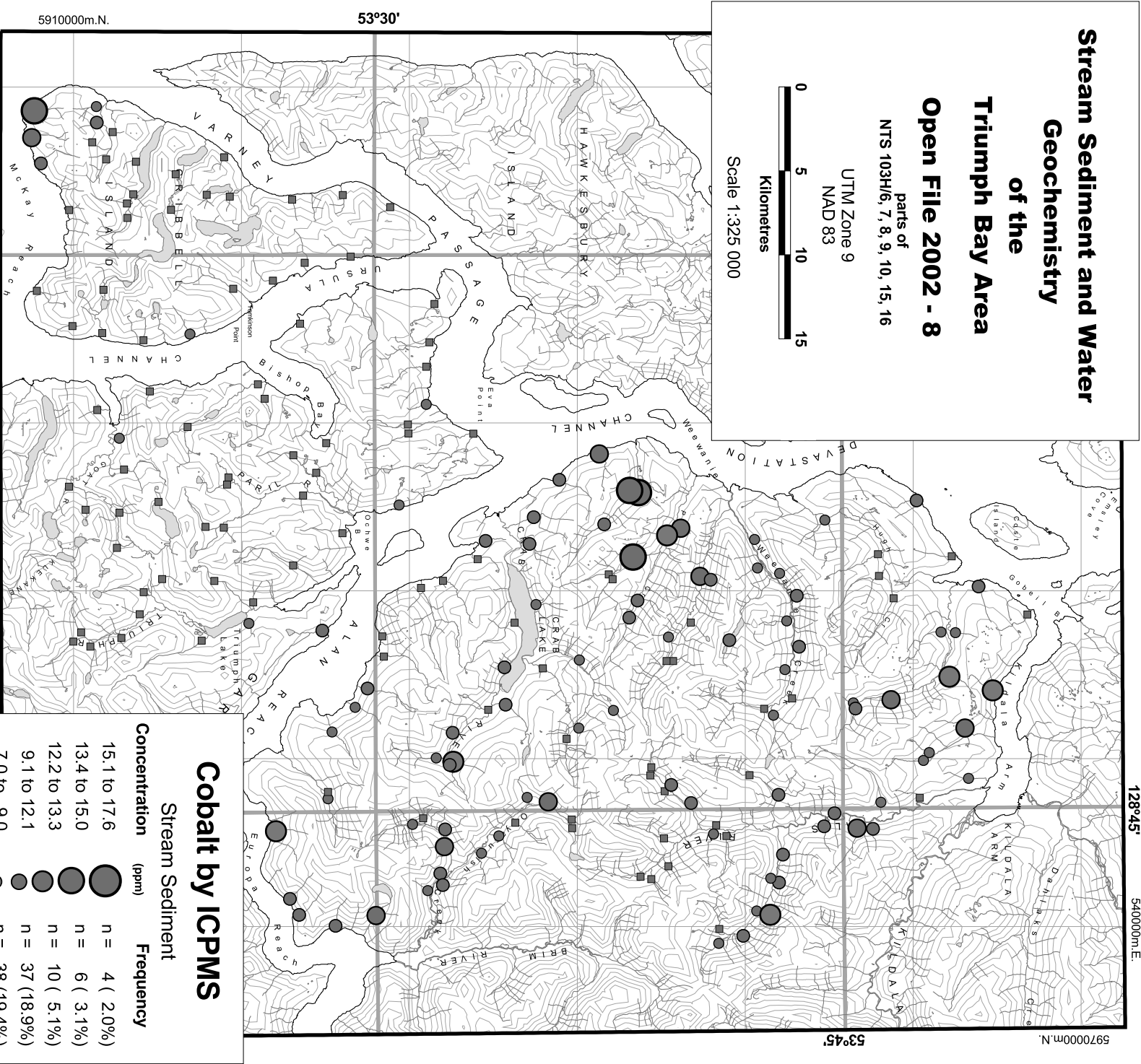


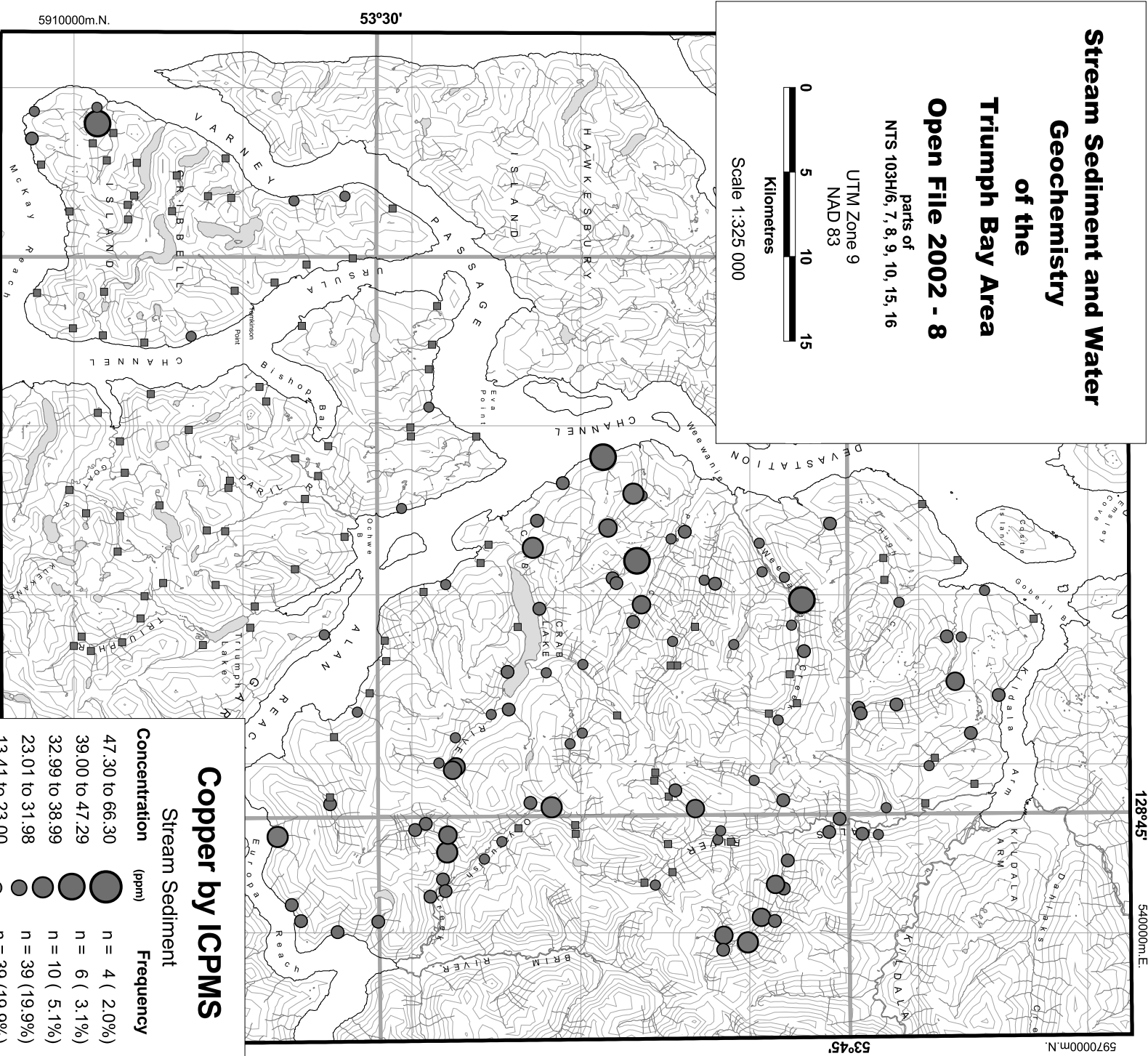
196 Sample Sites

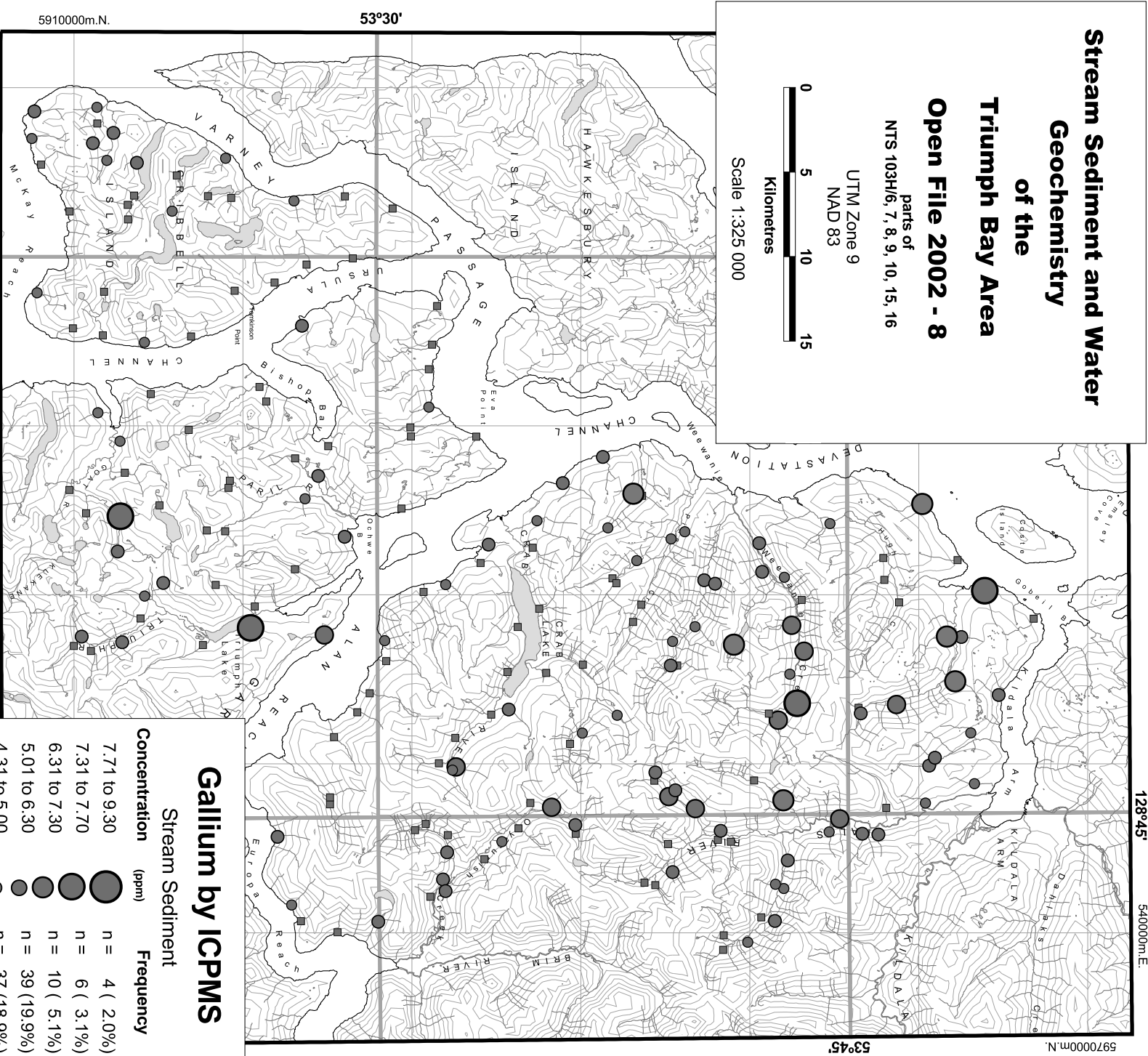


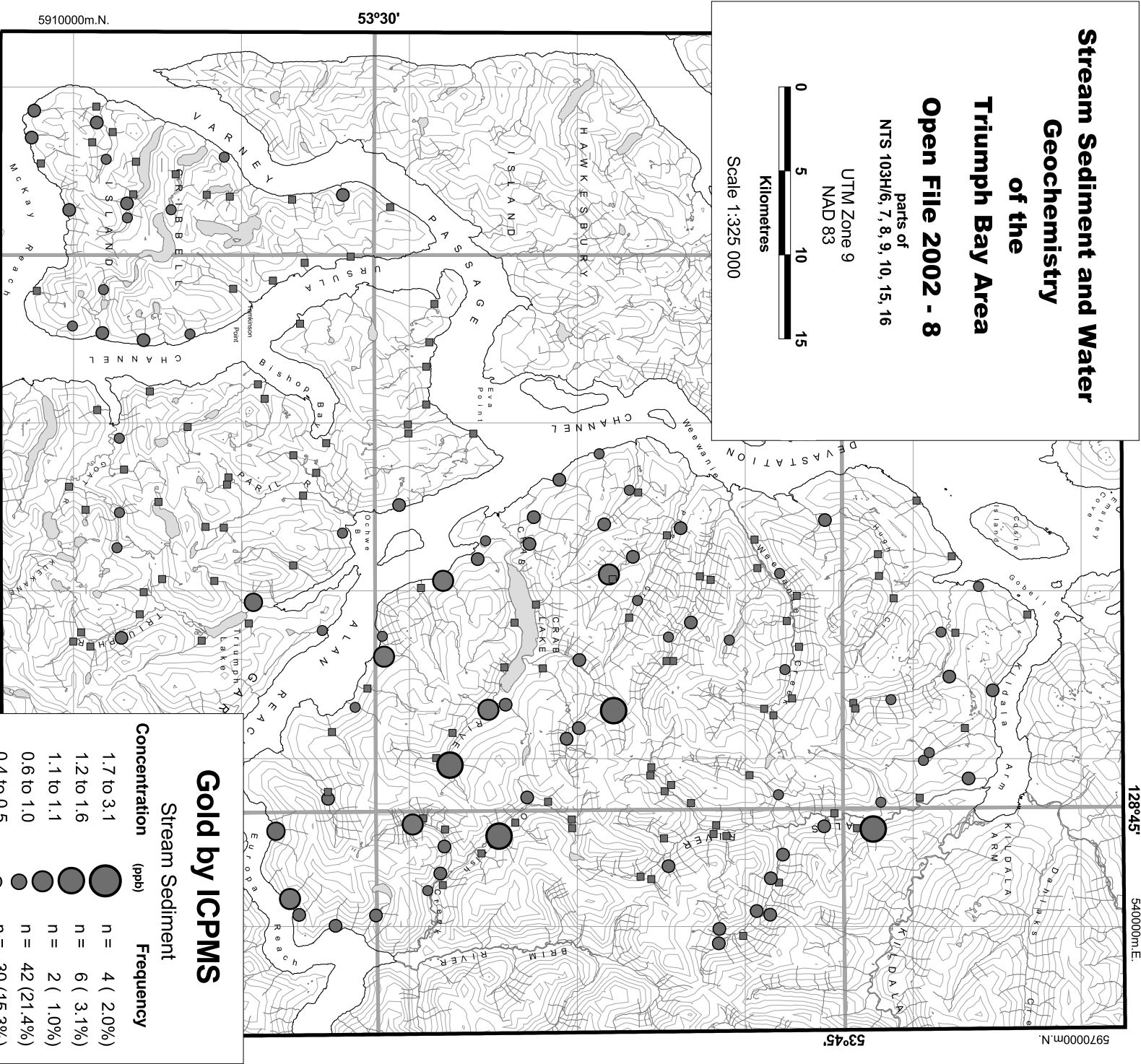


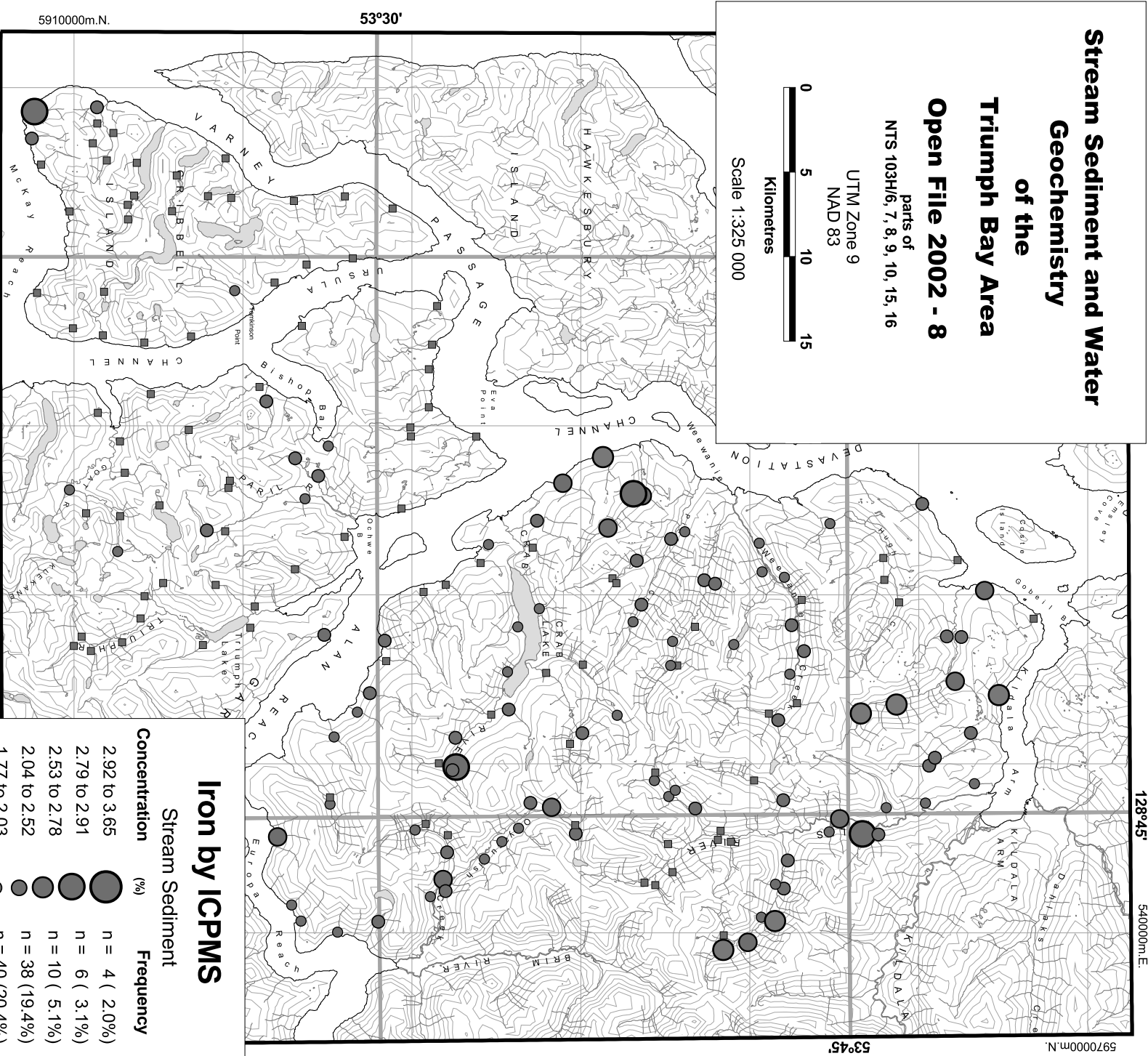


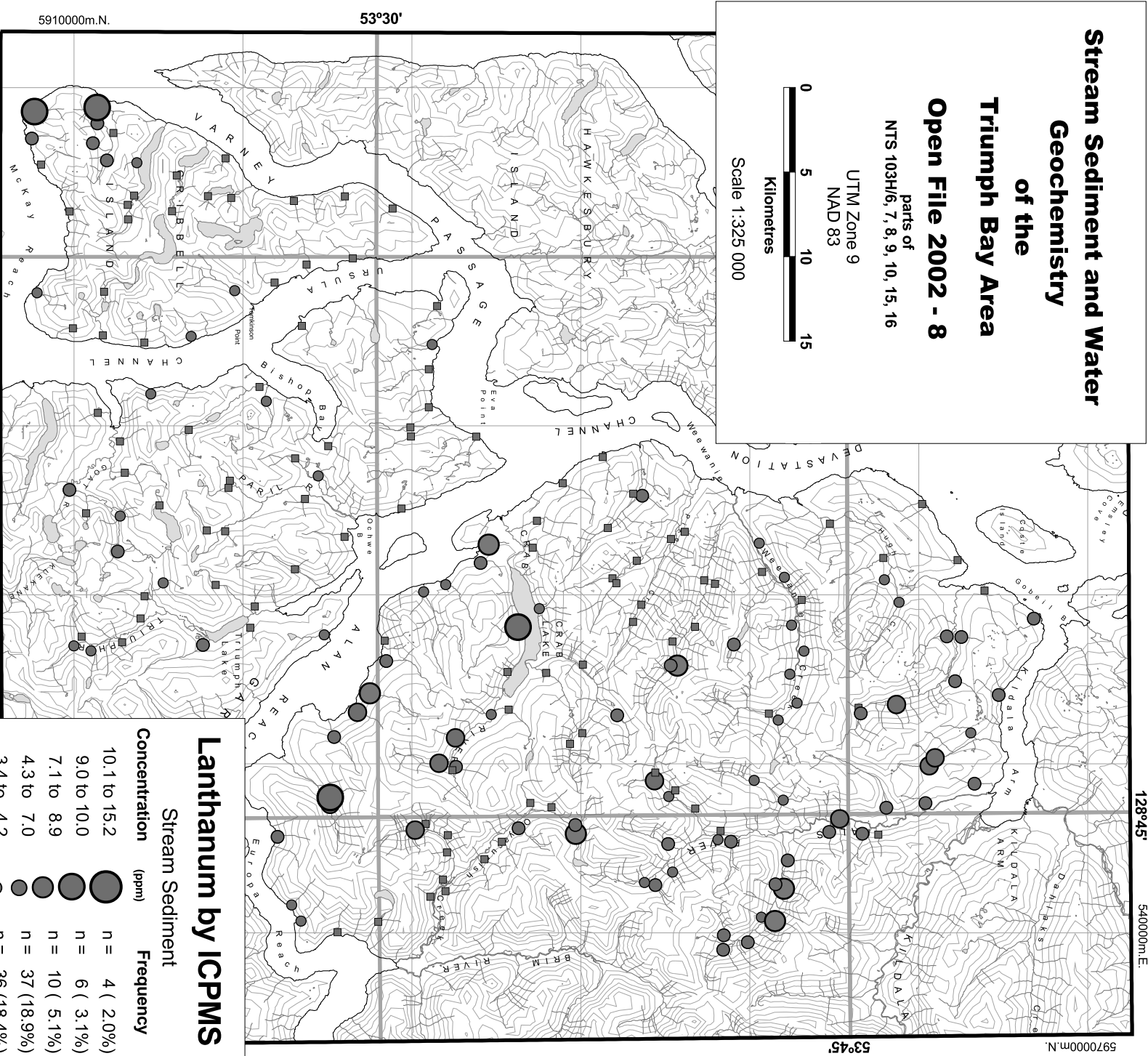


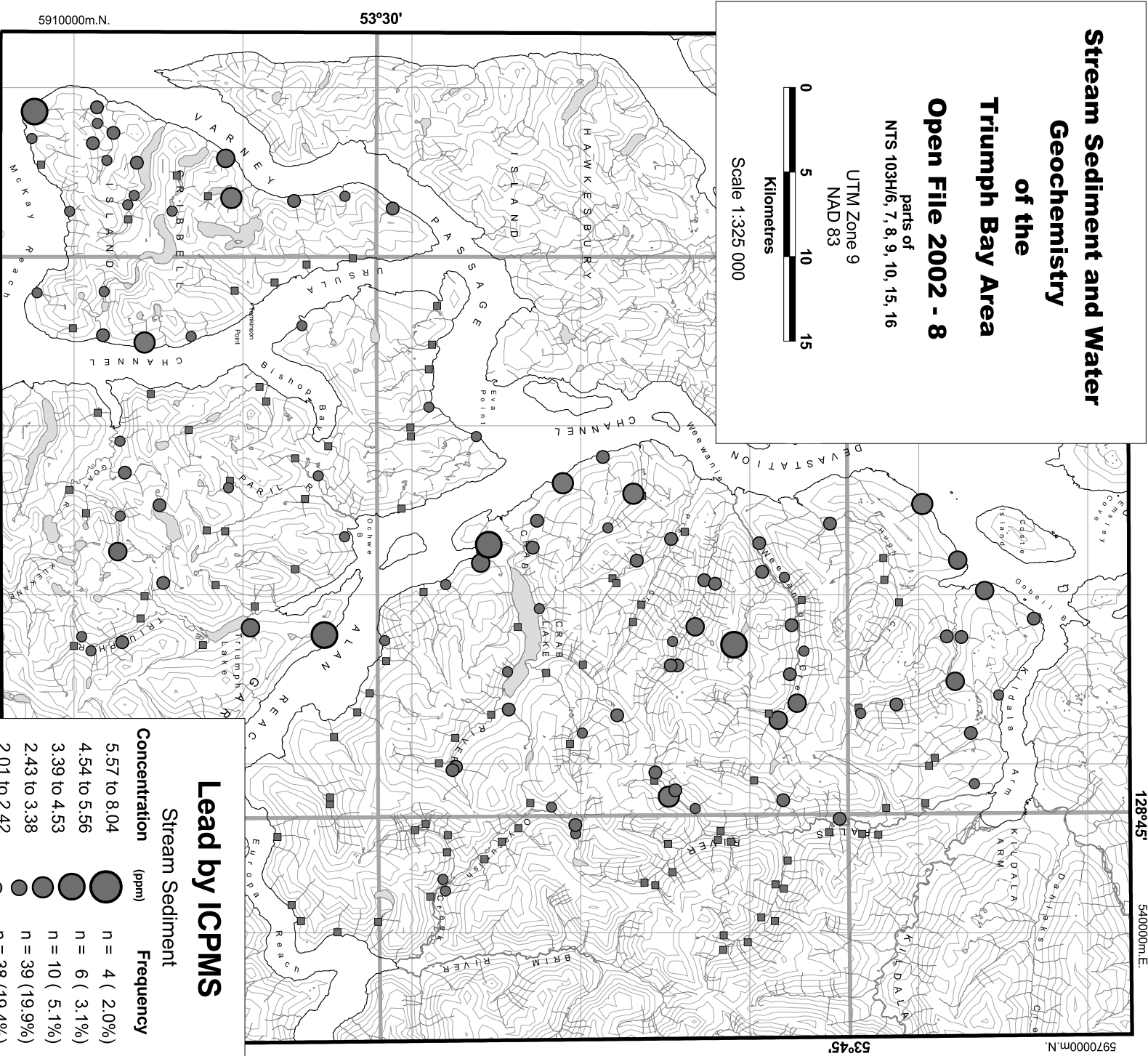


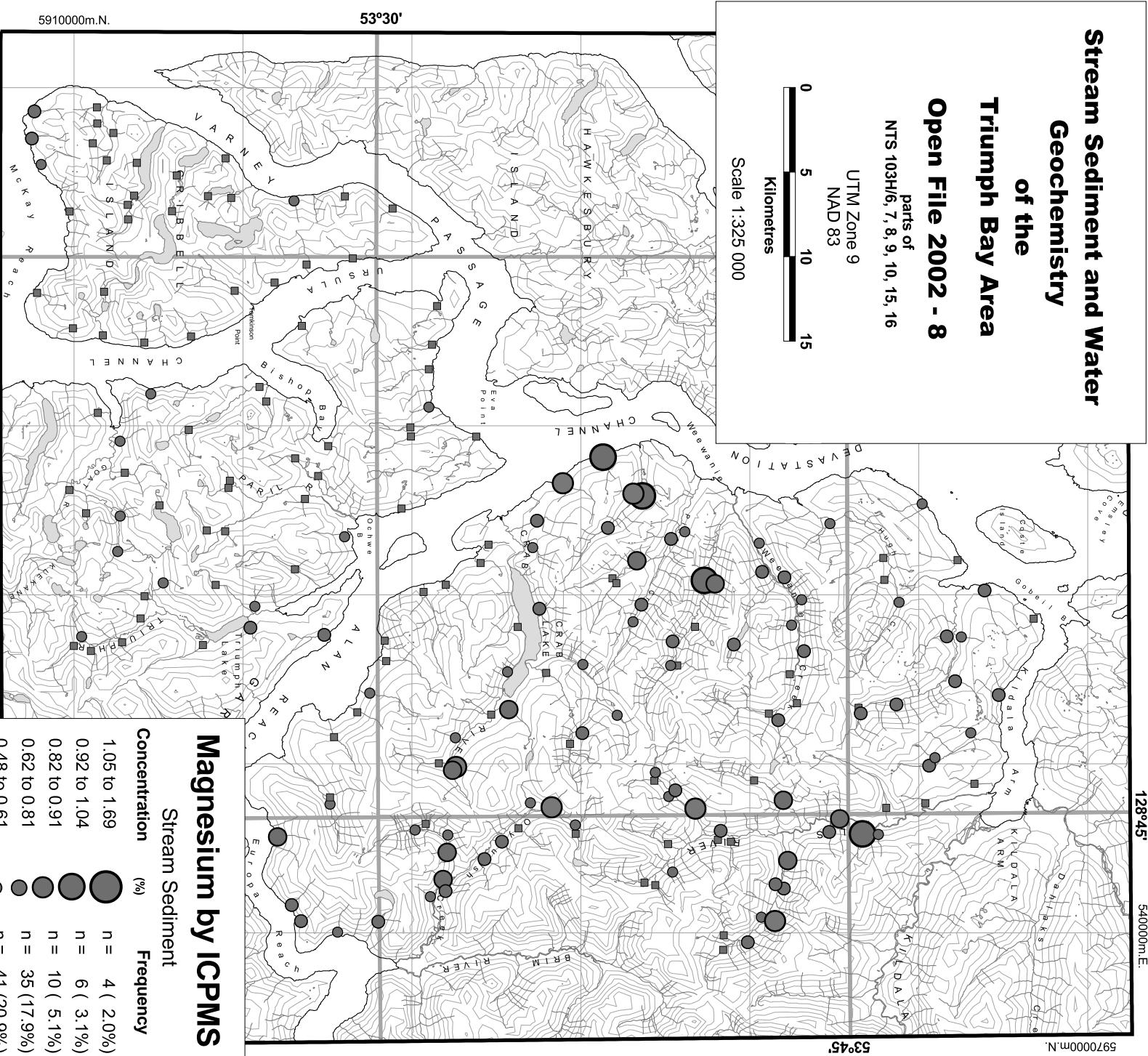


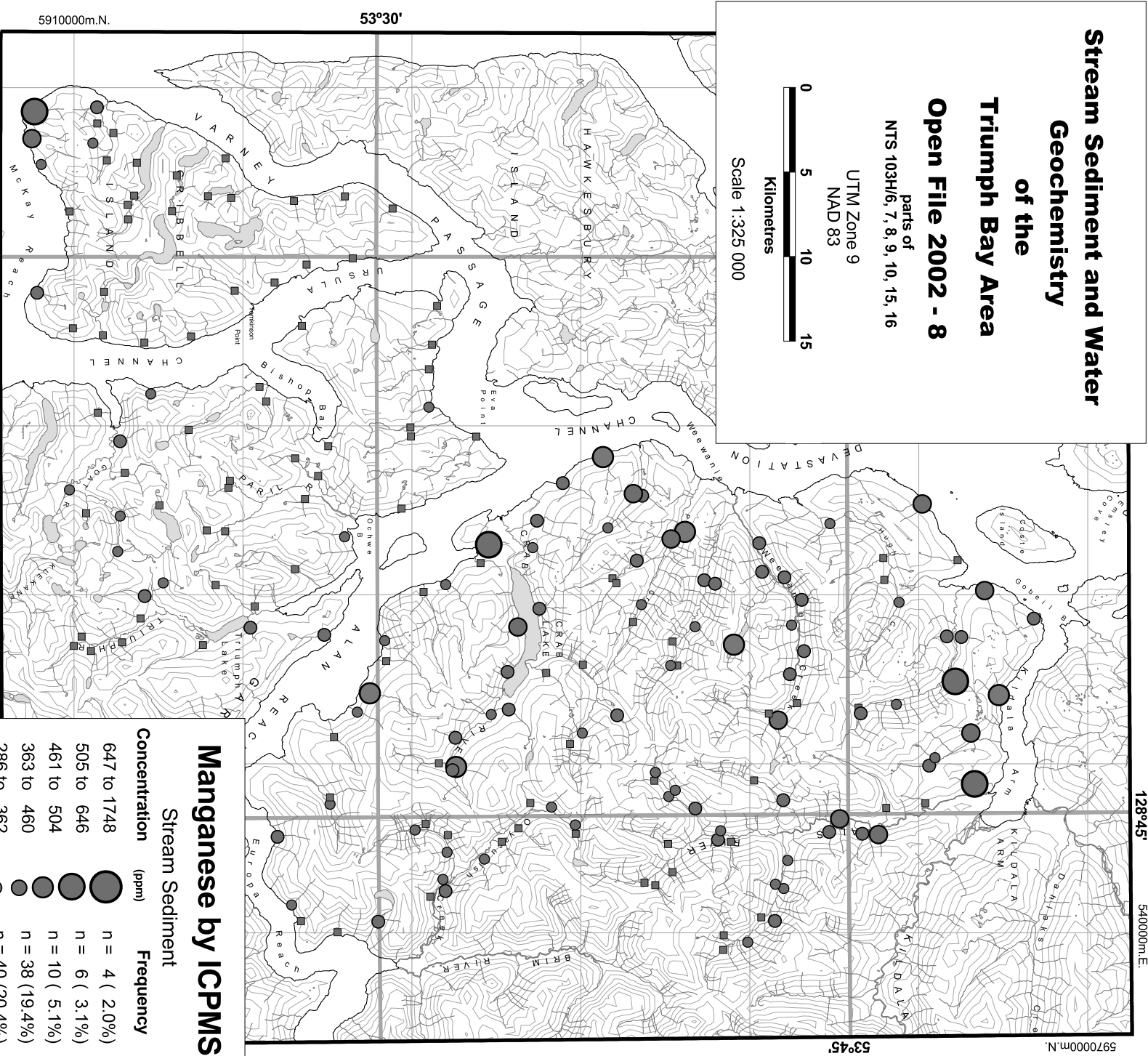


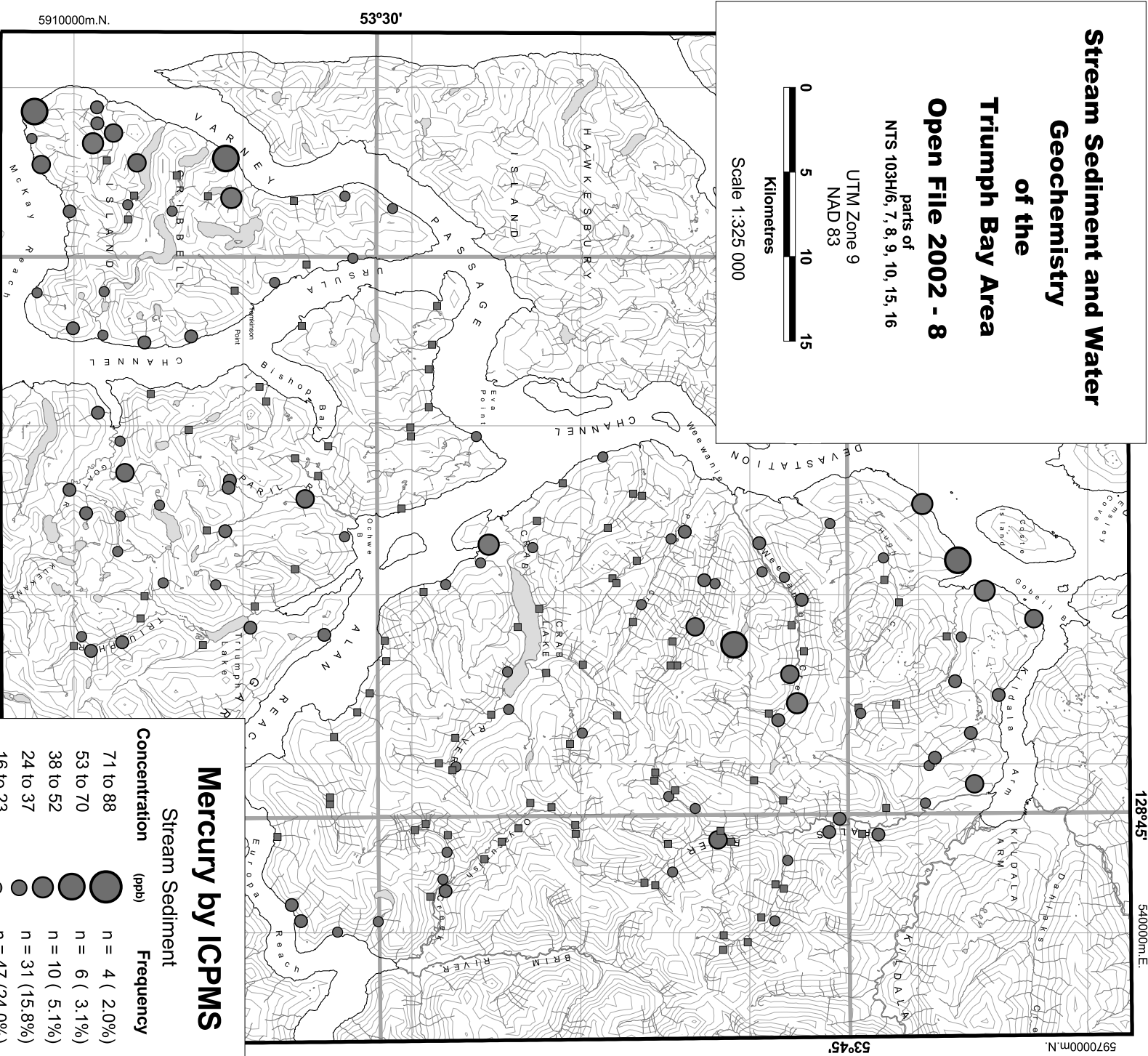


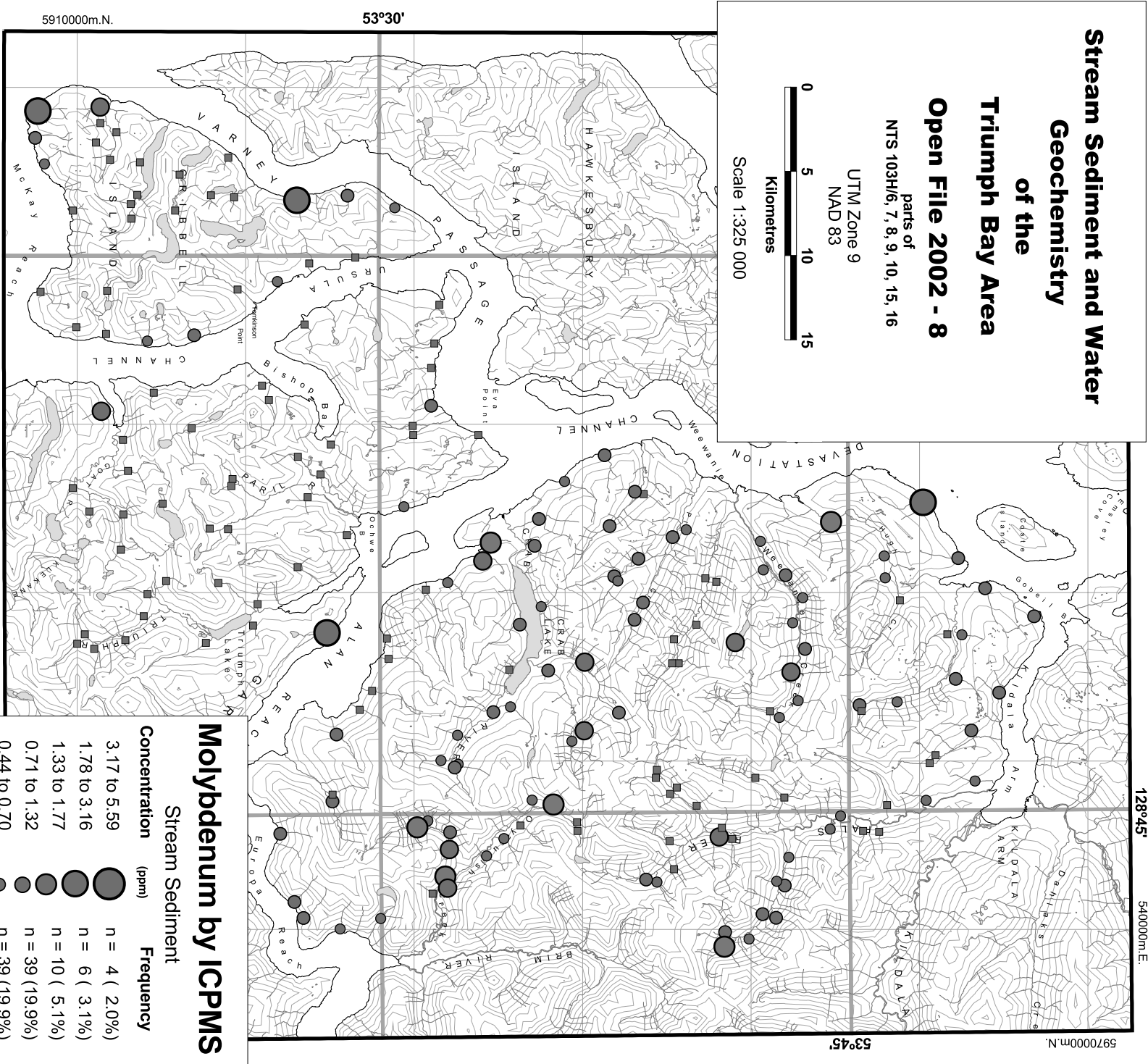












Stream Sediment and Water Geochemistry

Open File 2002 - 8

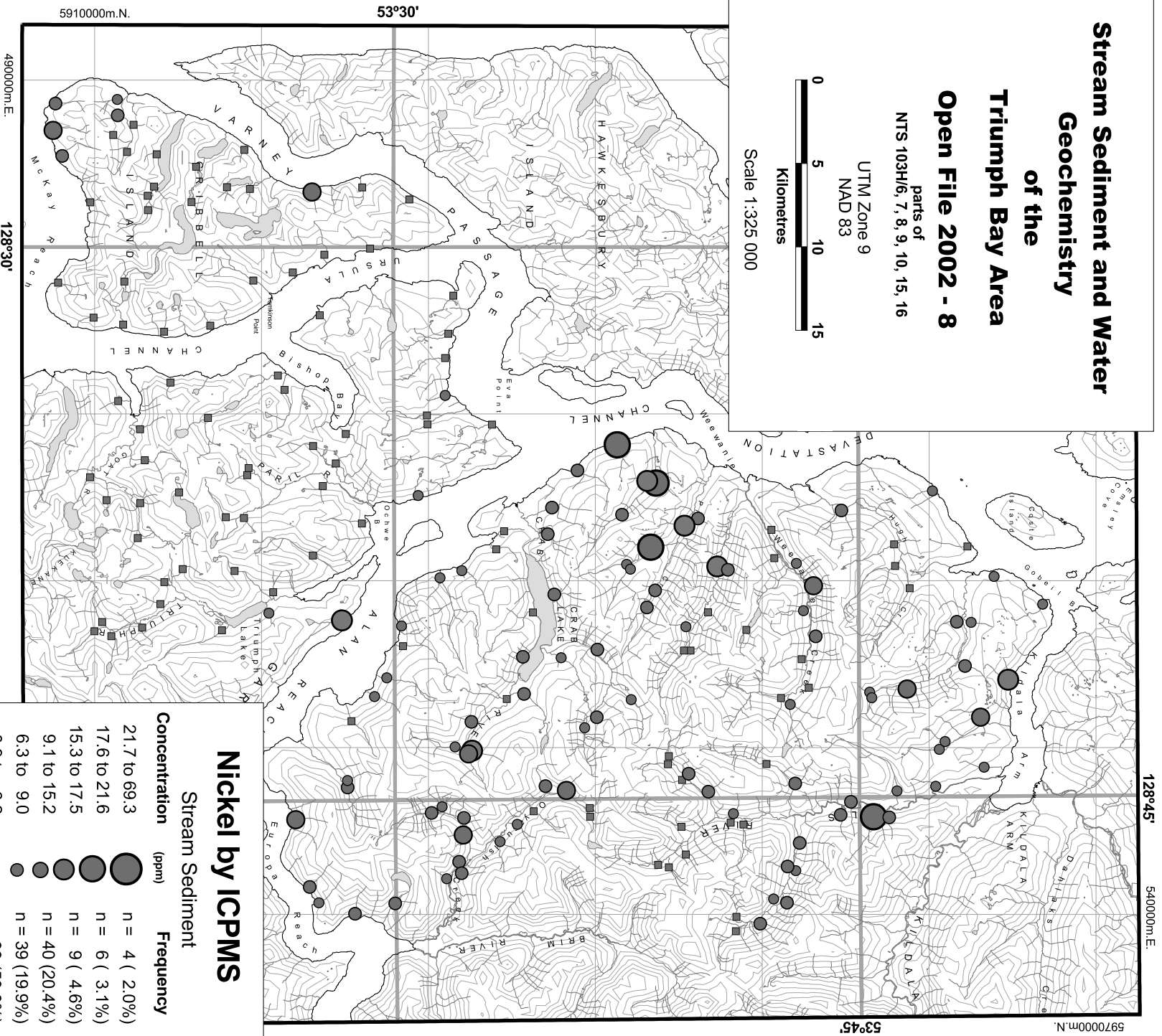
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83

NAD 83



Scale 1:325 000



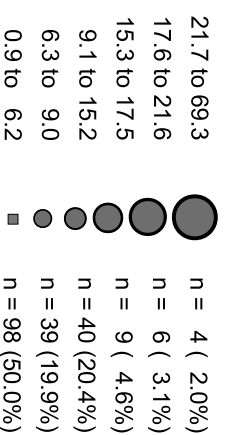
Nickel by ICPMS

Stream Sediment

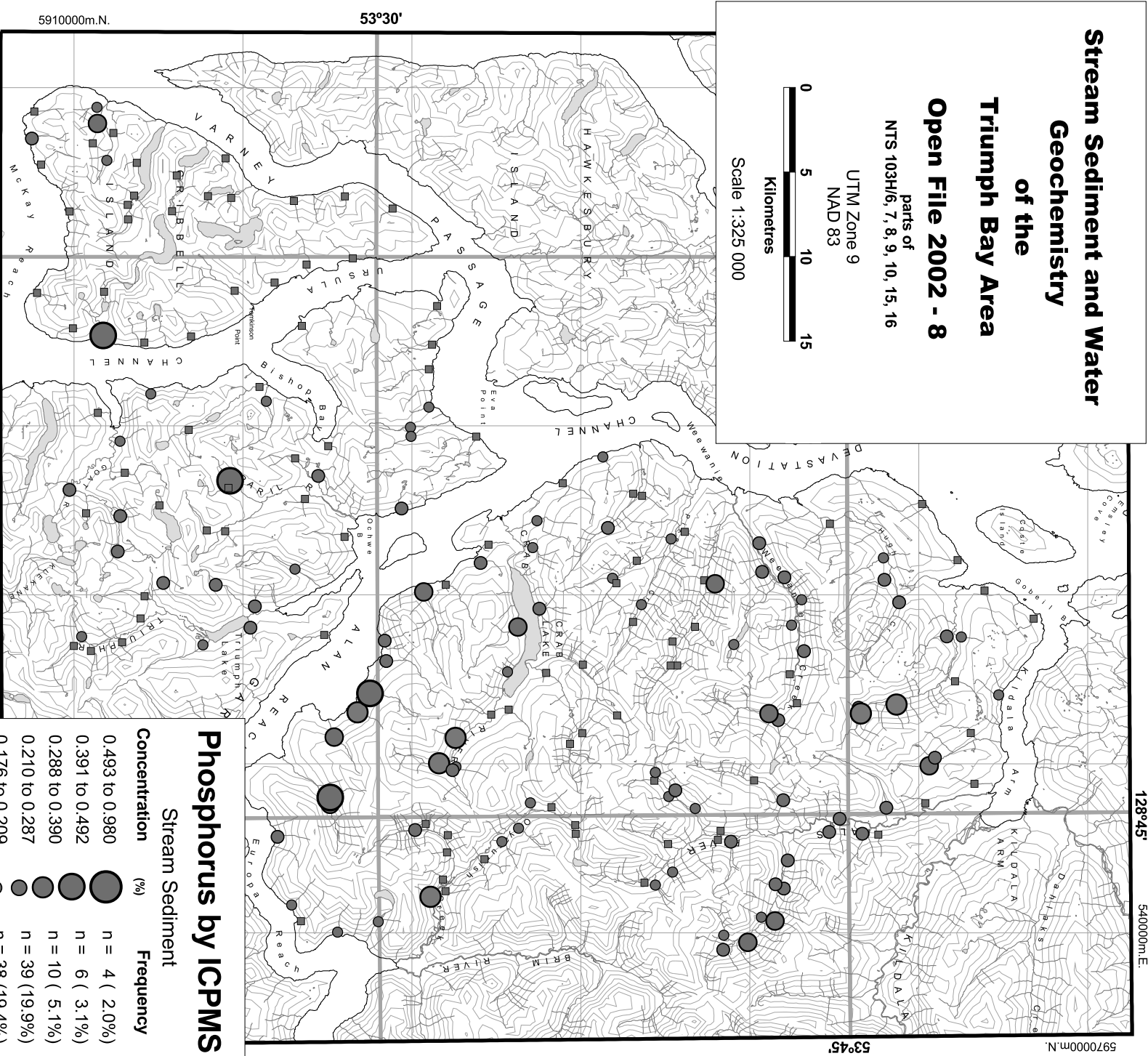
Concentration

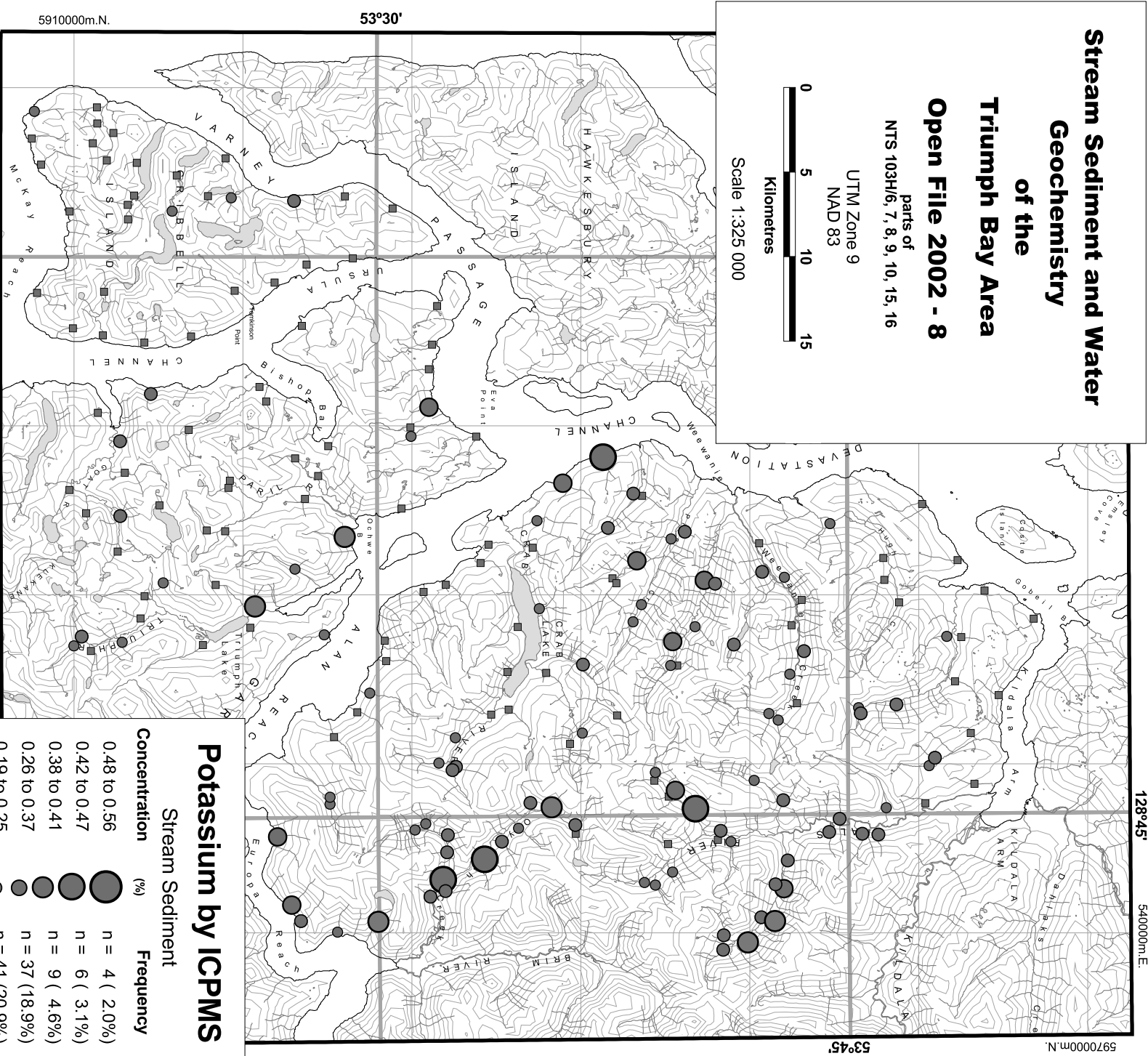
(ppm)

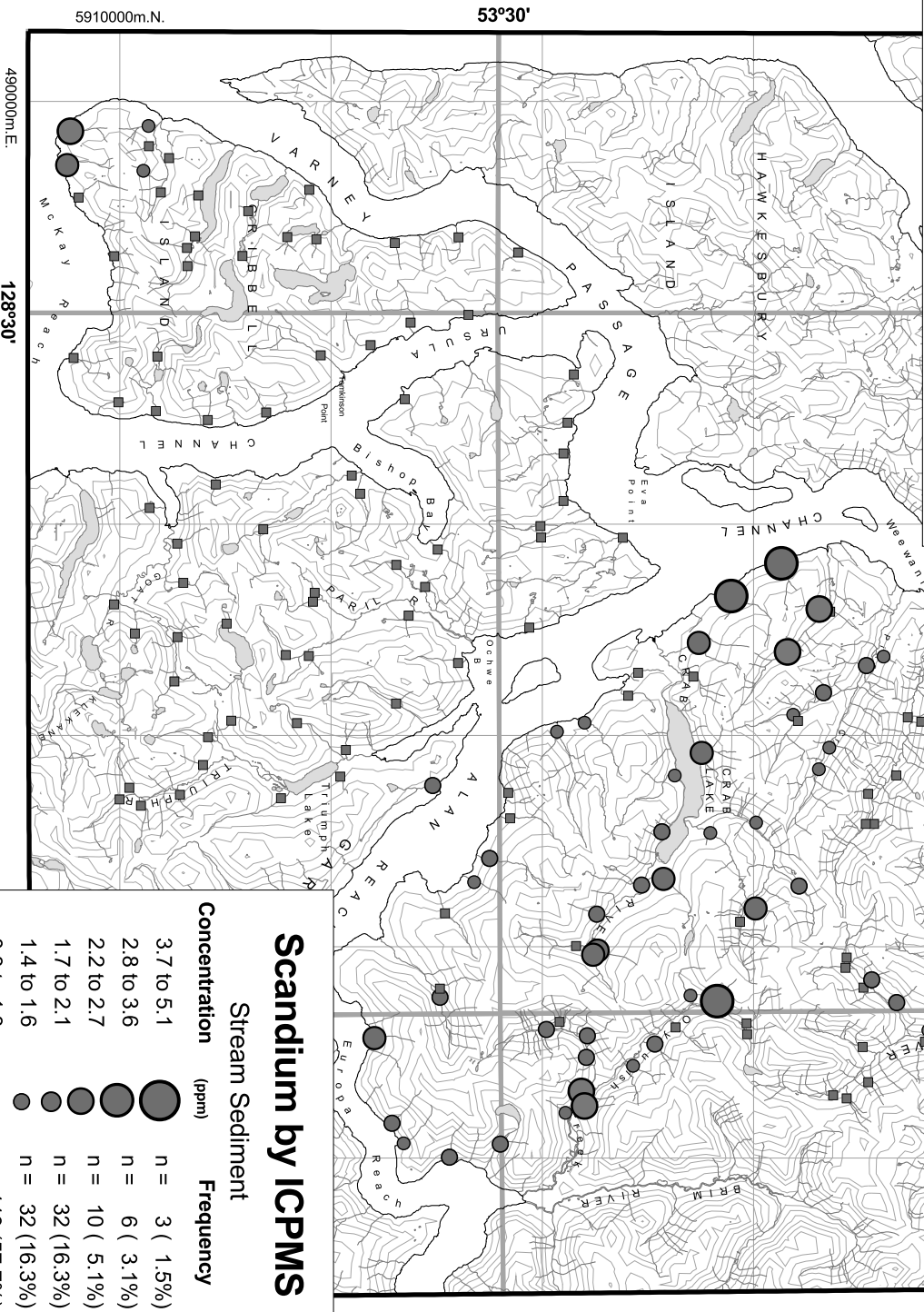
Frequency



196 Sample Sites





[illegible]

Scandium by ICPMS

Stream Sediment

Concentration (ppm)	Frequency
3.7 to 5.1	n = 3 (1.5%)
2.8 to 3.6	n = 6 (3.1%)
2.2 to 2.7	n = 10 (5.1%)
1.7 to 2.1	n = 32 (16.3%)
1.4 to 1.6	n = 32 (16.3%)
0.3 to 1.3	n = 113 (57.7%)

196 Sample Sites

Stream Sediment and Water Geochemistry

of the Triumph Bay Area

Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



0 5 10 15
Kilometres

Scale 1:325 000

The map displays a detailed topographic representation of the Kildala Arm region. Key features include:

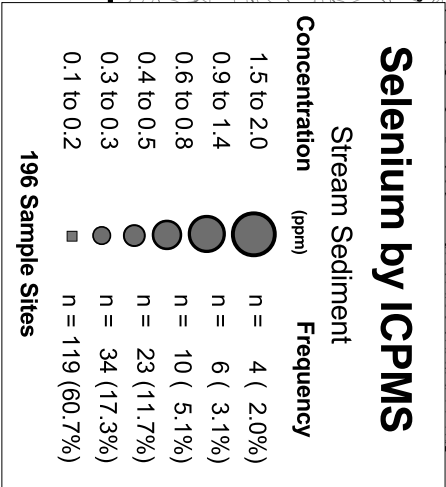
- Geographical Labels:** 'KILDALA MOUNTAINS' at the top, 'KILDALA ARM' in the center, 'DANILAKS GLEN' on the right, 'GOBILDA' in the upper right, 'CRAIGIE COVE' on the far right, and 'DEVASTATION' on the left.
- Topography:** Contour lines indicate varying elevations across the landscape.
- Infrastructure:** A network of roads is shown, with several roads labeled 'A' through 'I'.
- Points of Interest:** Numerous locations are marked with symbols: solid black circles of varying sizes and solid black squares. These are distributed throughout the map, often along roads or in specific terrain features.
- Coordinate System:** A grid is overlaid on the map, with a vertical line labeled '128°45'' and a horizontal line labeled '540000m.E.'.

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Selenium by ICPMS

Stream Sediment

Concentration (ppm)	Frequency
1.5 to 2.0	n = 4 (2.0%)
0.9 to 1.4	n = 6 (3.1%)
0.6 to 0.8	n = 10 (5.1%)
0.4 to 0.5	n = 23 (11.7%)
0.3 to 0.3	n = 34 (17.3%)
0.1 to 0.2	n = 119 (60.7%)

196 Sample Sites

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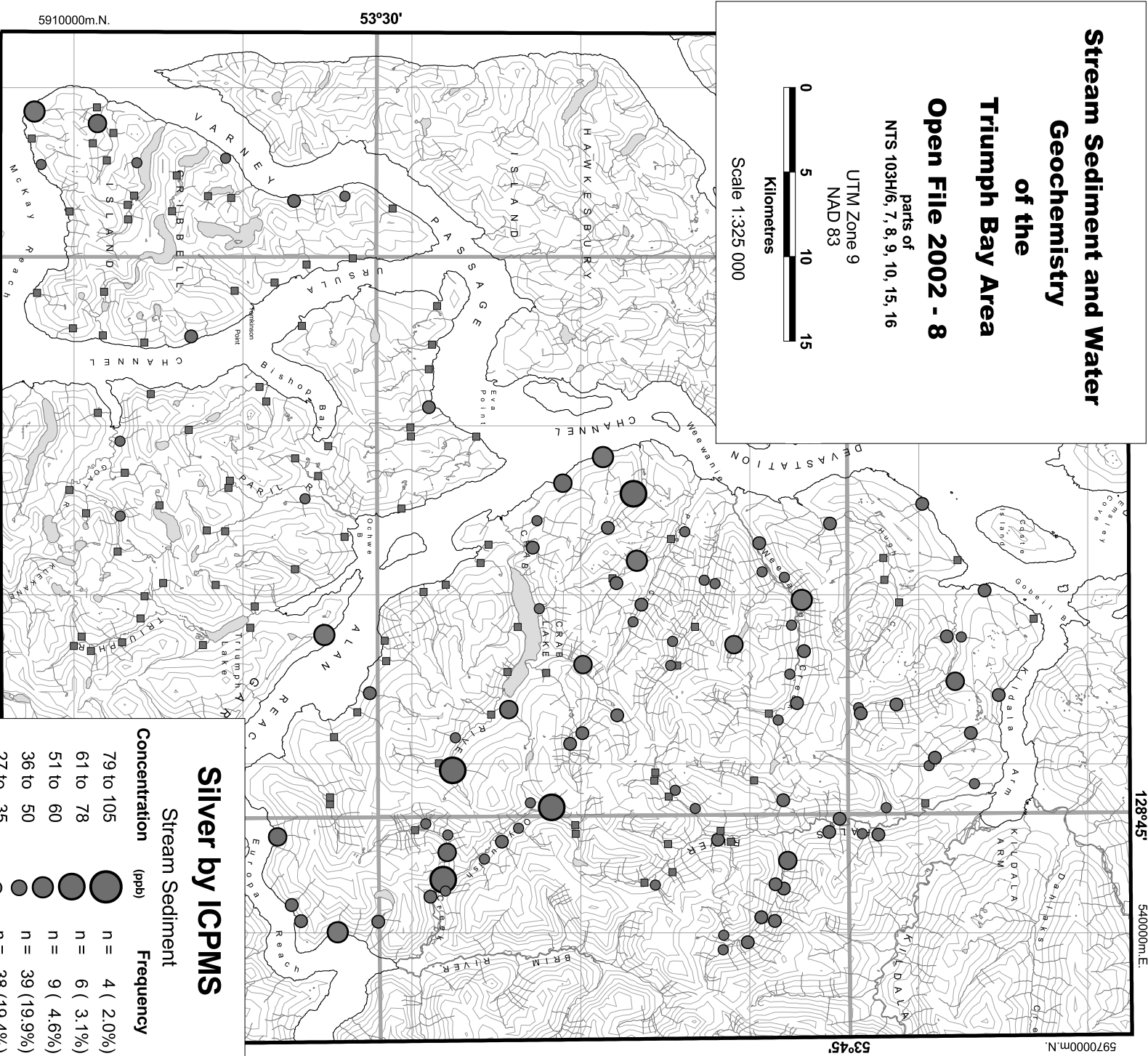
196 Sample Sites

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196 Sample Sites



Stream Sediment and Water Geochemistry

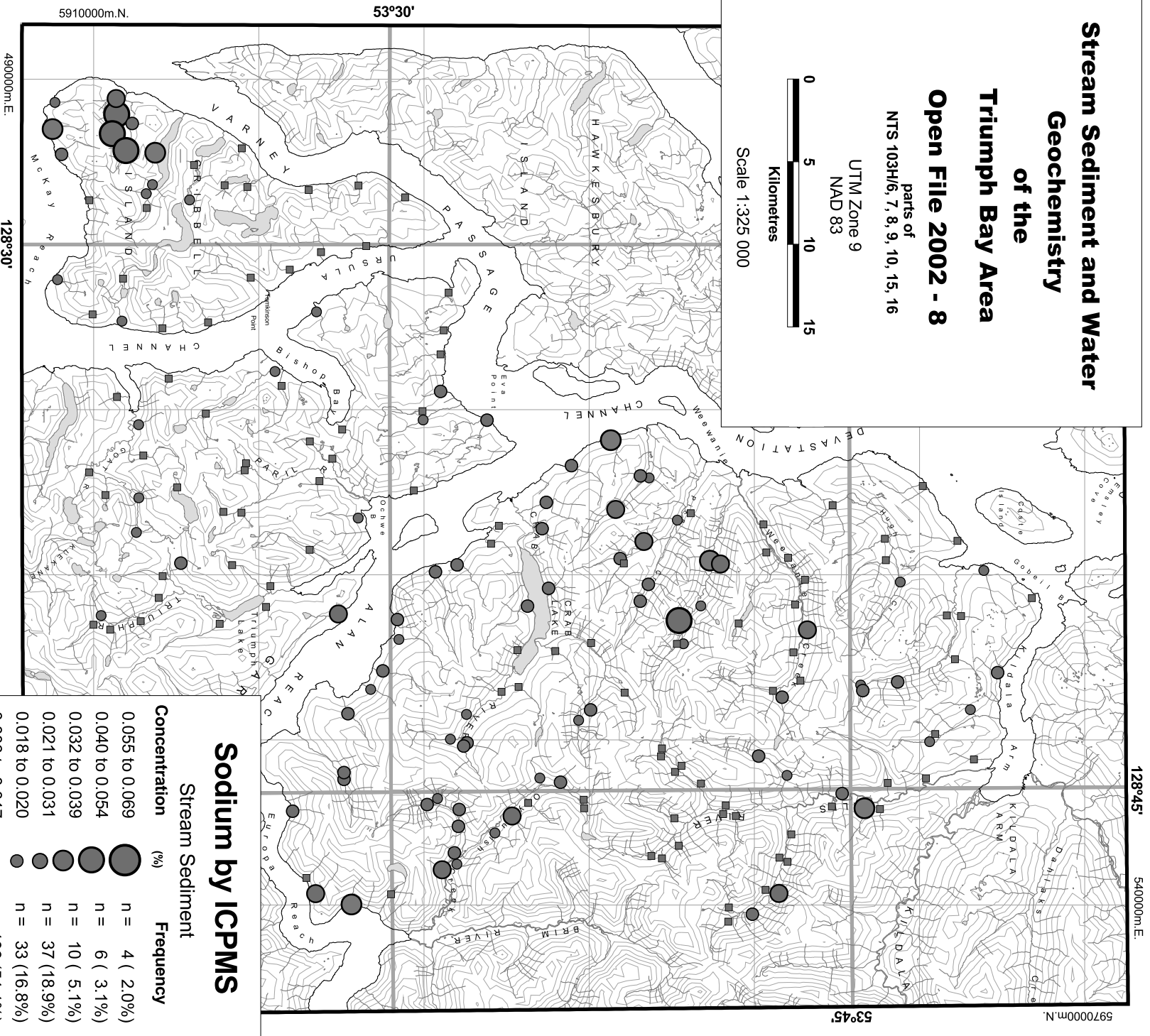
Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



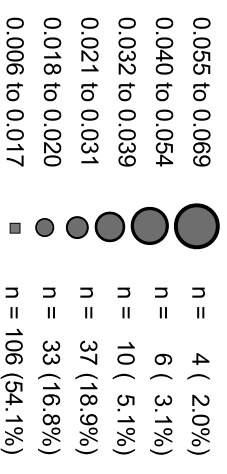
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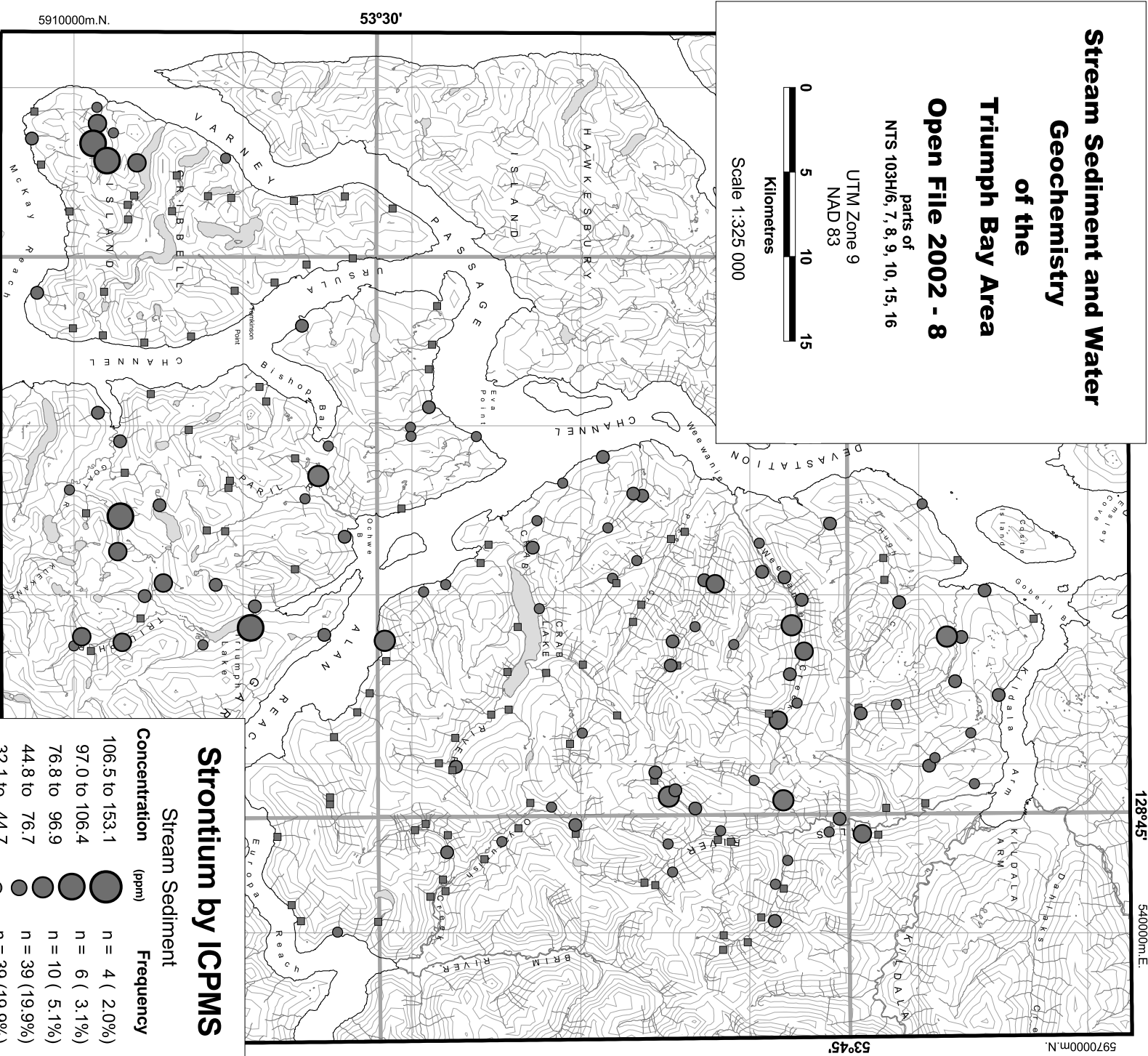
Sodium by ICPMS

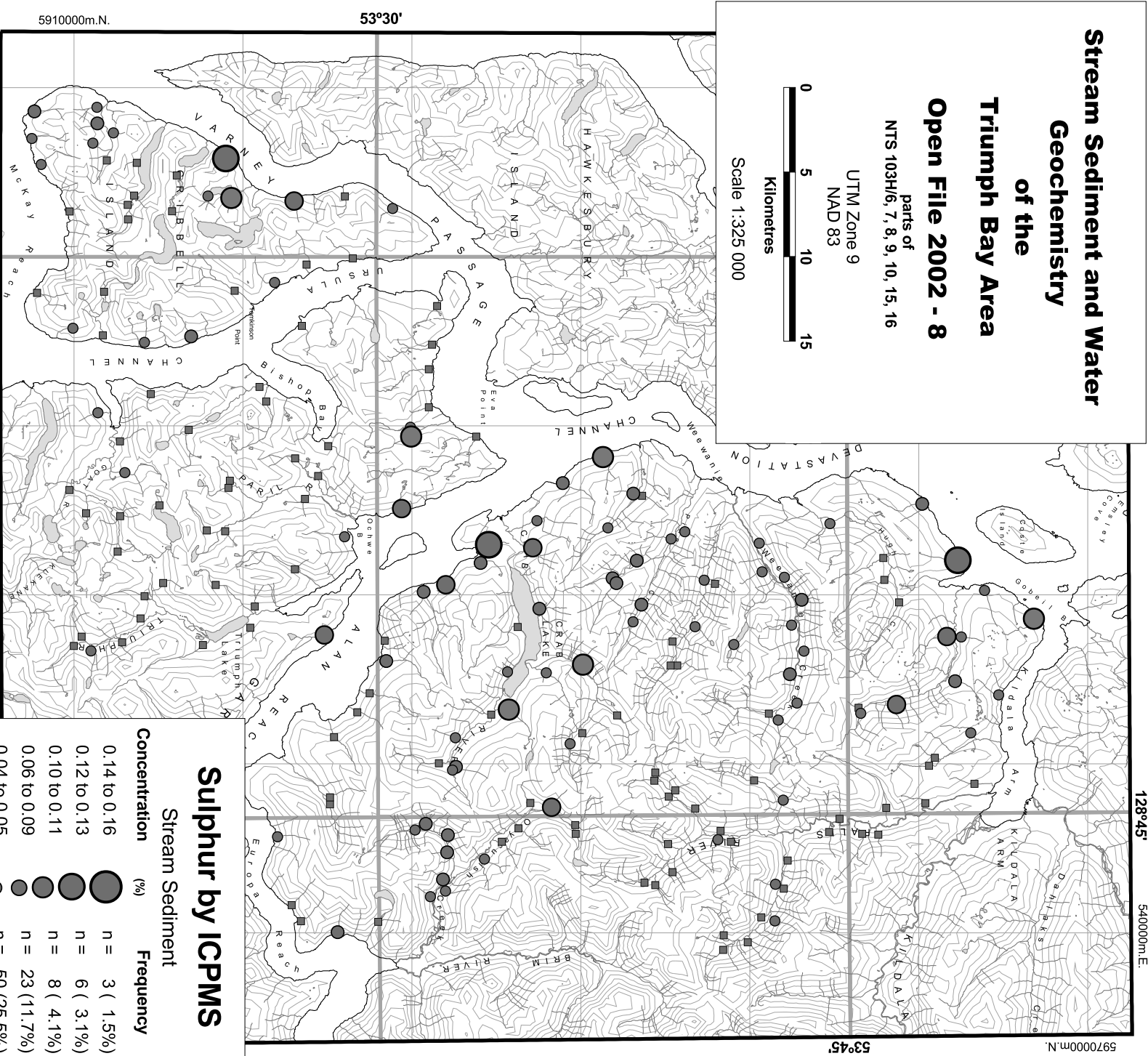
Stream Sediment

Concentration (%)	Frequency
0.00	0.00
0.05	0.05
0.10	0.10
0.15	0.15
0.20	0.20
0.25	0.25
0.30	0.30
0.35	0.35
0.40	0.40
0.45	0.45
0.50	0.50
0.55	0.55
0.60	0.60
0.65	0.65
0.70	0.70
0.75	0.75
0.80	0.80
0.85	0.85
0.90	0.90
0.95	0.95
1.00	1.00



196 Sample Sites





Stream Sediment and Water Geochemistry of the Triumph Bay Area

Open File 2002 - 8

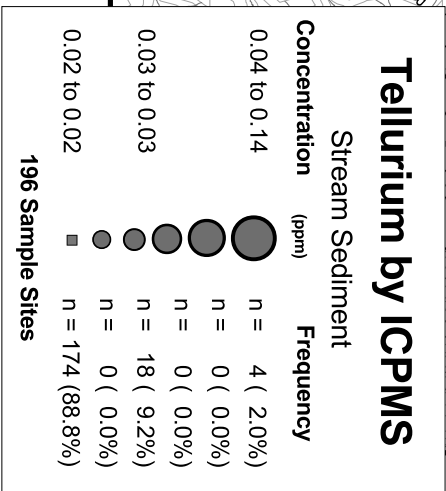
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NTS 103H/6, 7, 8, 9, 10, 15, 16

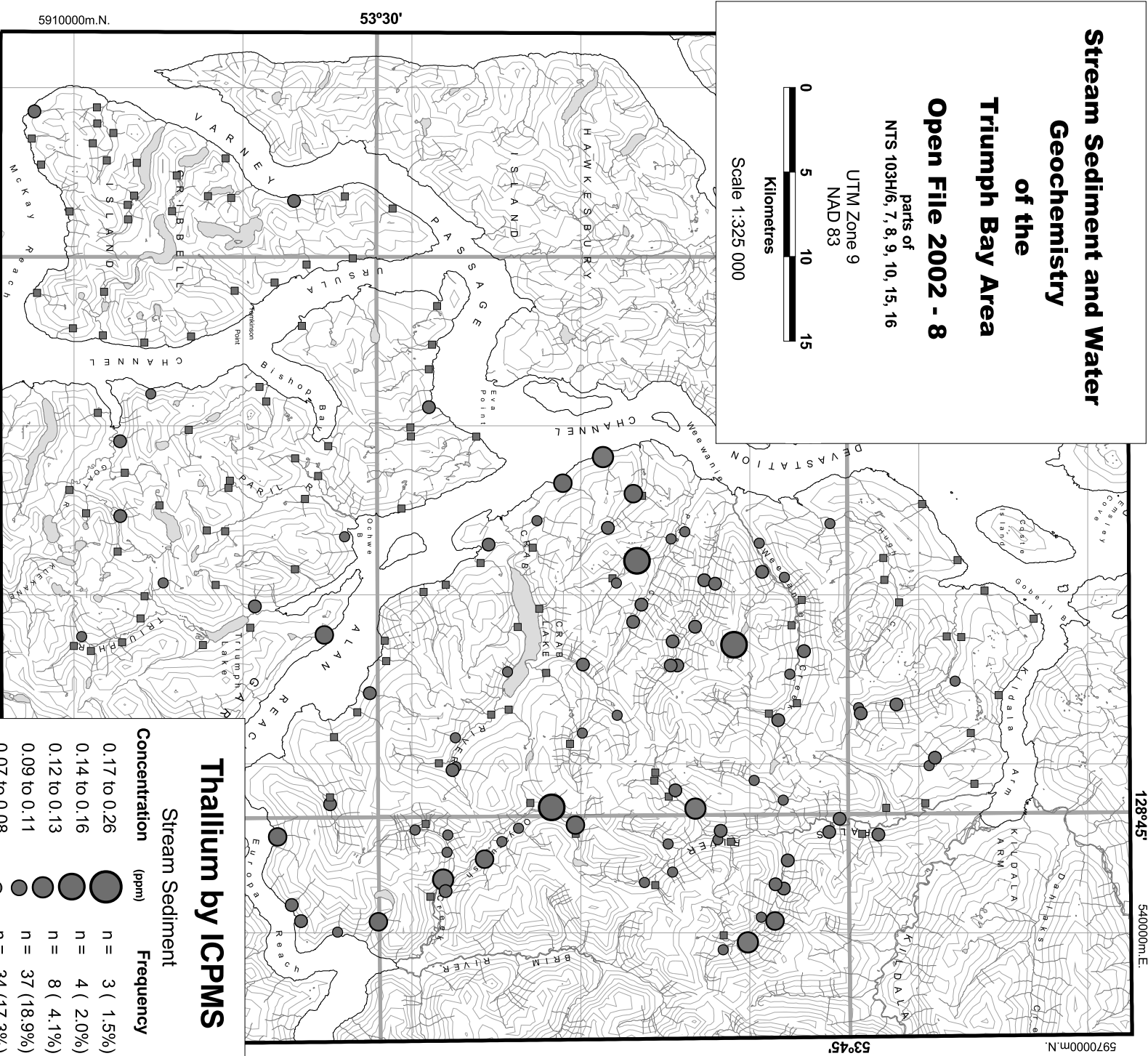
UTM Zone 9
NAD 83



0 5 10 15
Kilometres

Scale 1:325 000





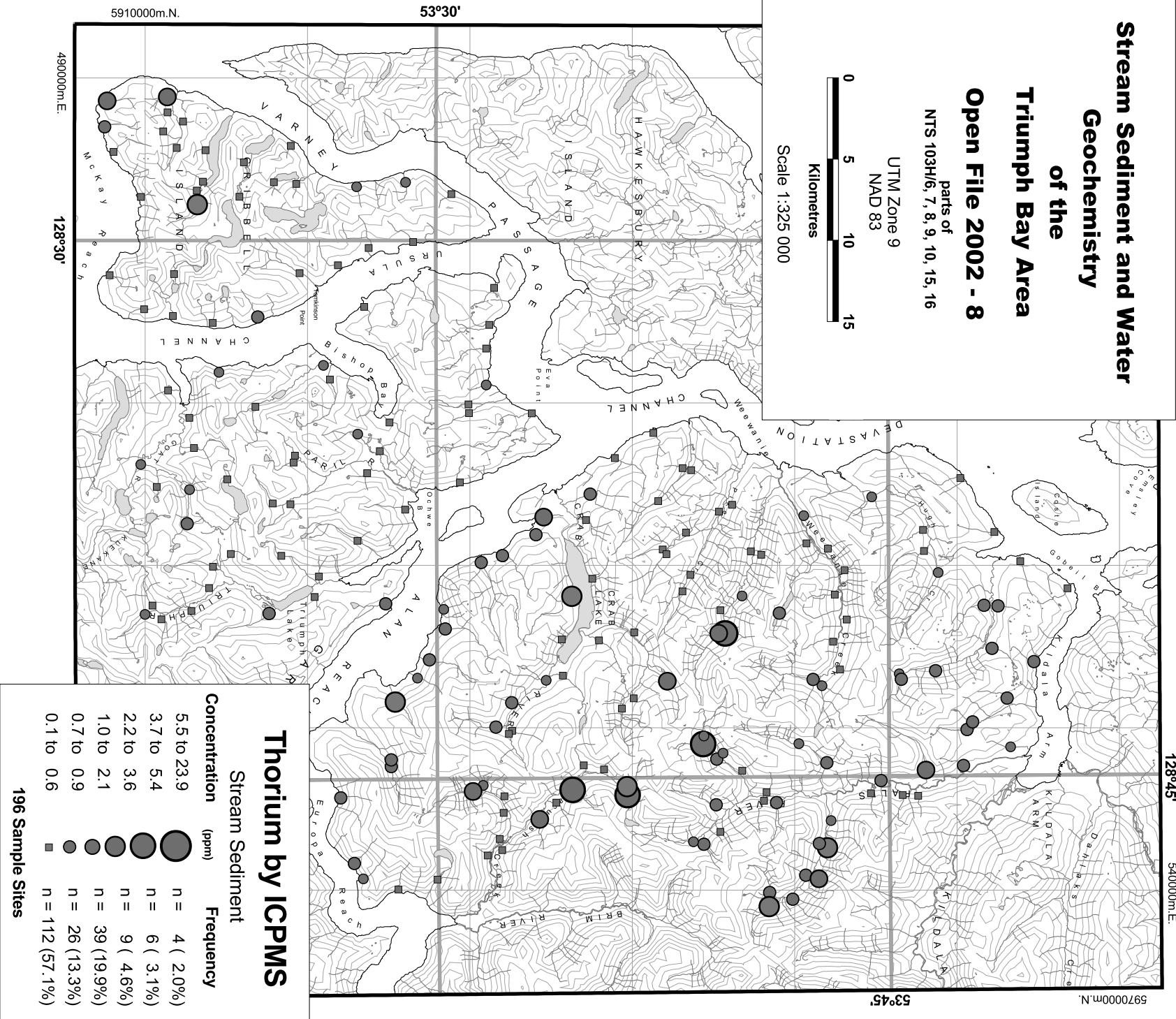
Stream Sediment and Water Geochemistry

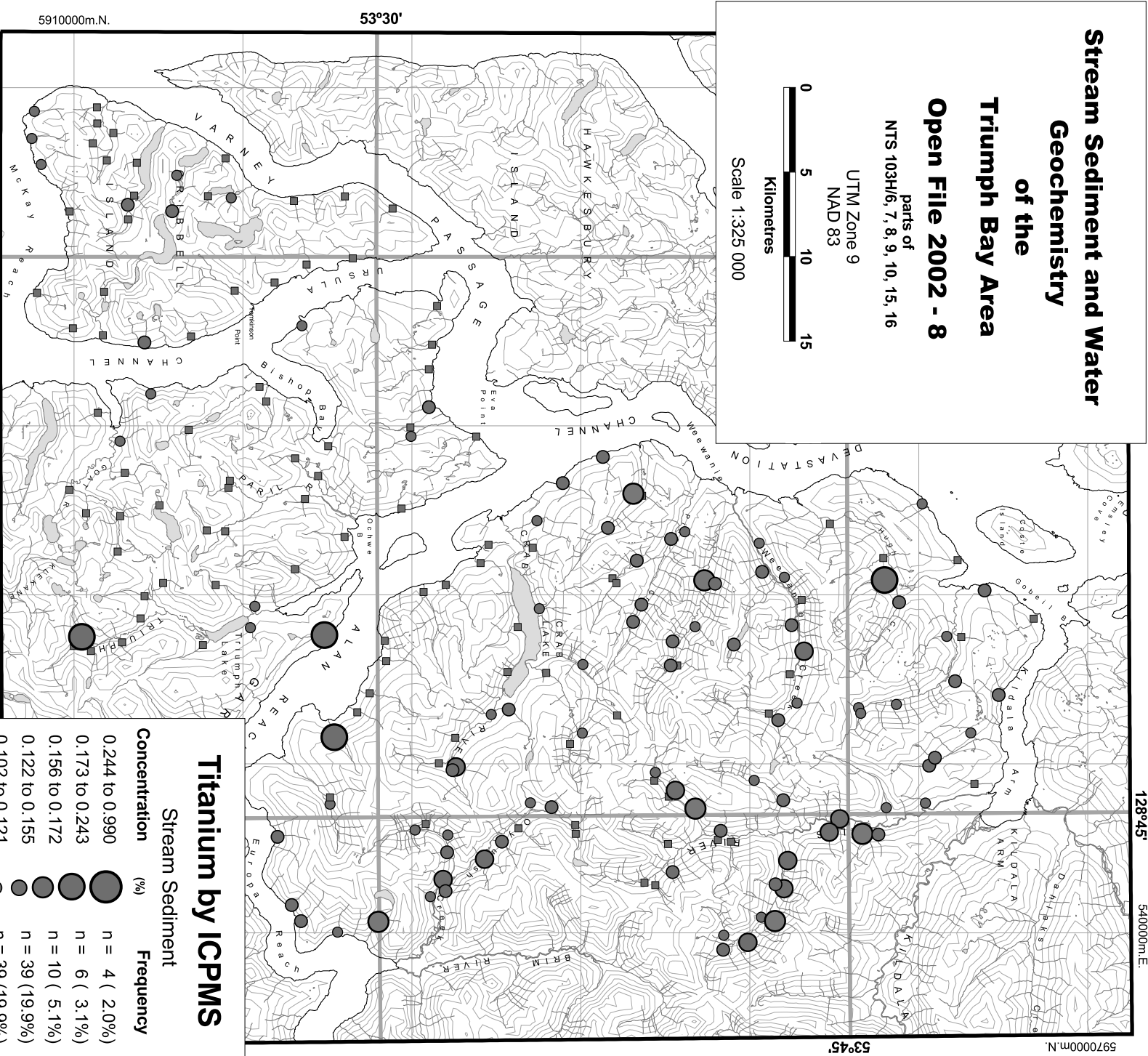
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

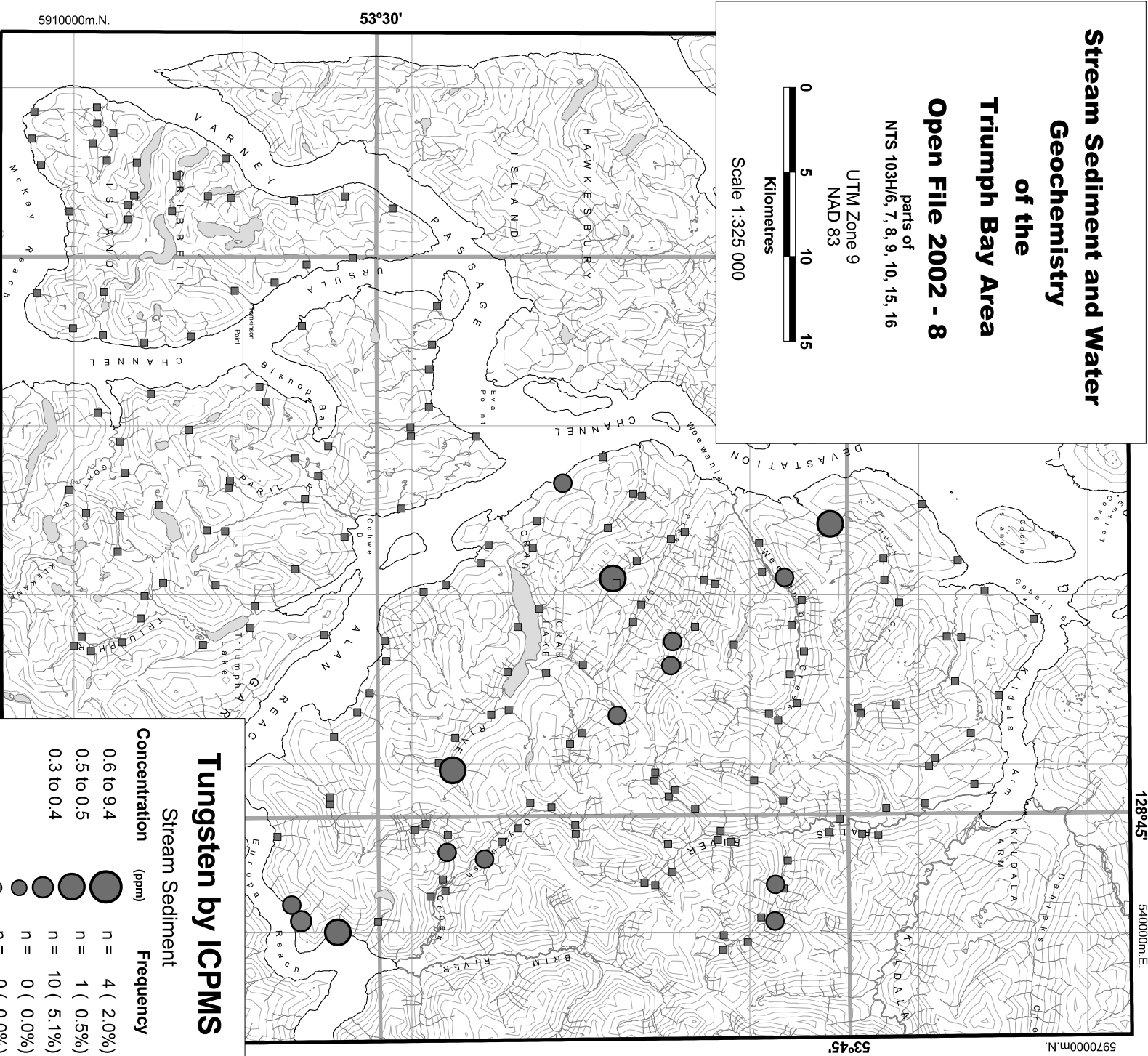
UTM Zone 9
NAD 83



Scale 1:325 000







Stream Sediment and Water Geochemistry

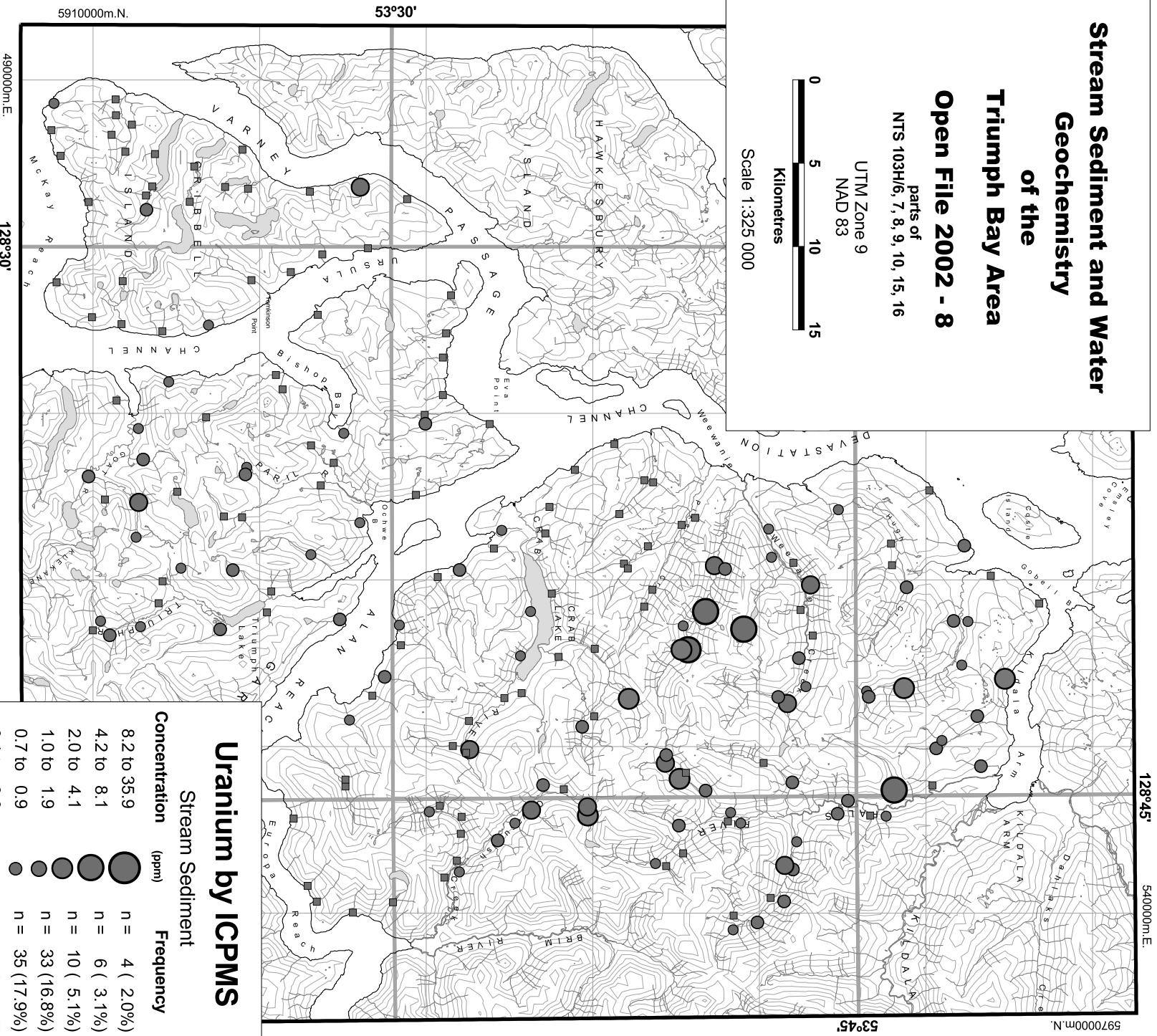
Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



Scale 1:325 000



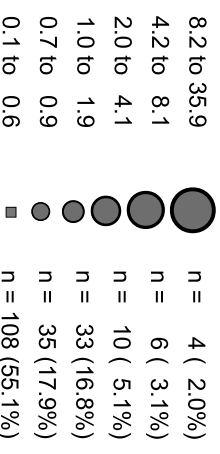
Uranium by ICPMS

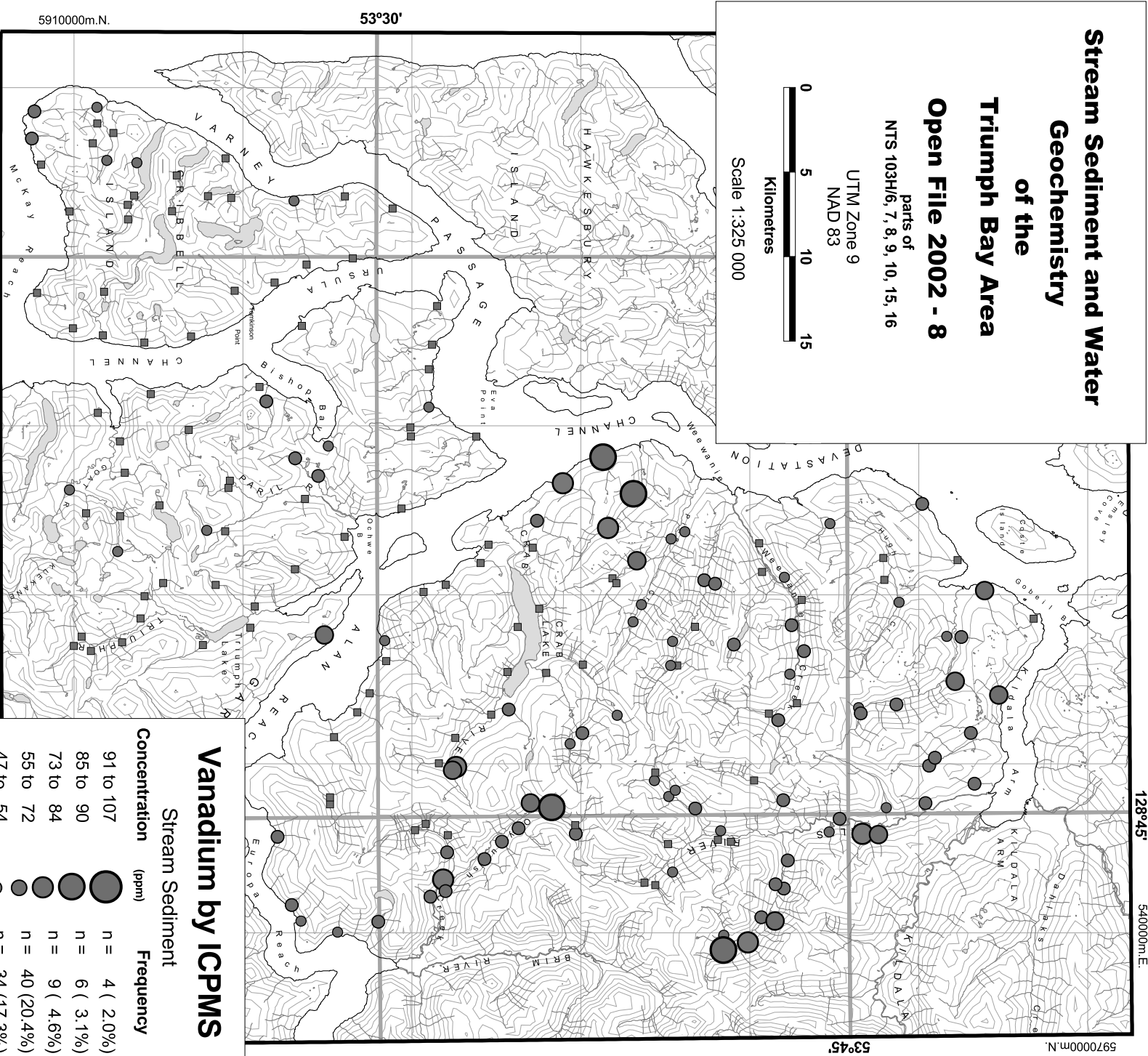
Stream Sediment

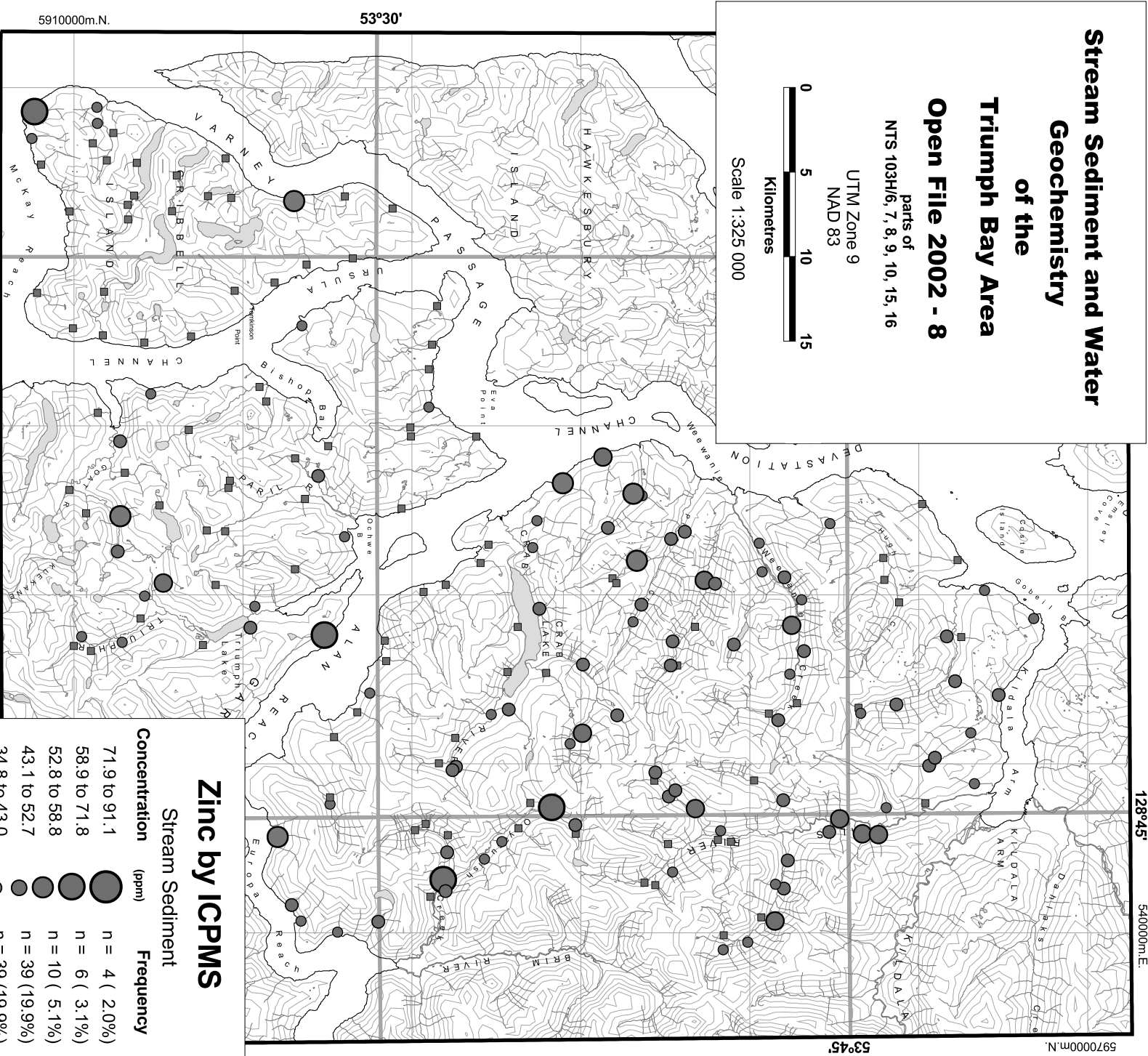
Concentration

(ppm)

Frequency







Stream Sediment and Water Geochemistry

of the Triumph Bay Area

Open File 2002 - 8

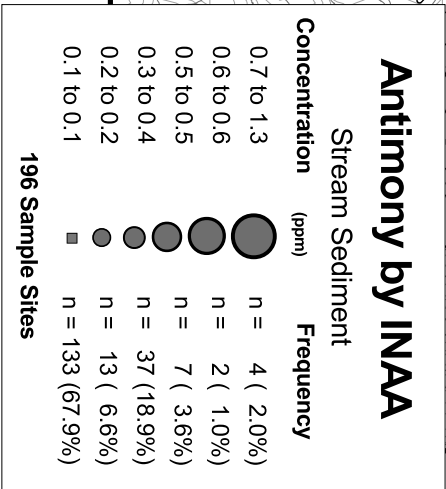
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

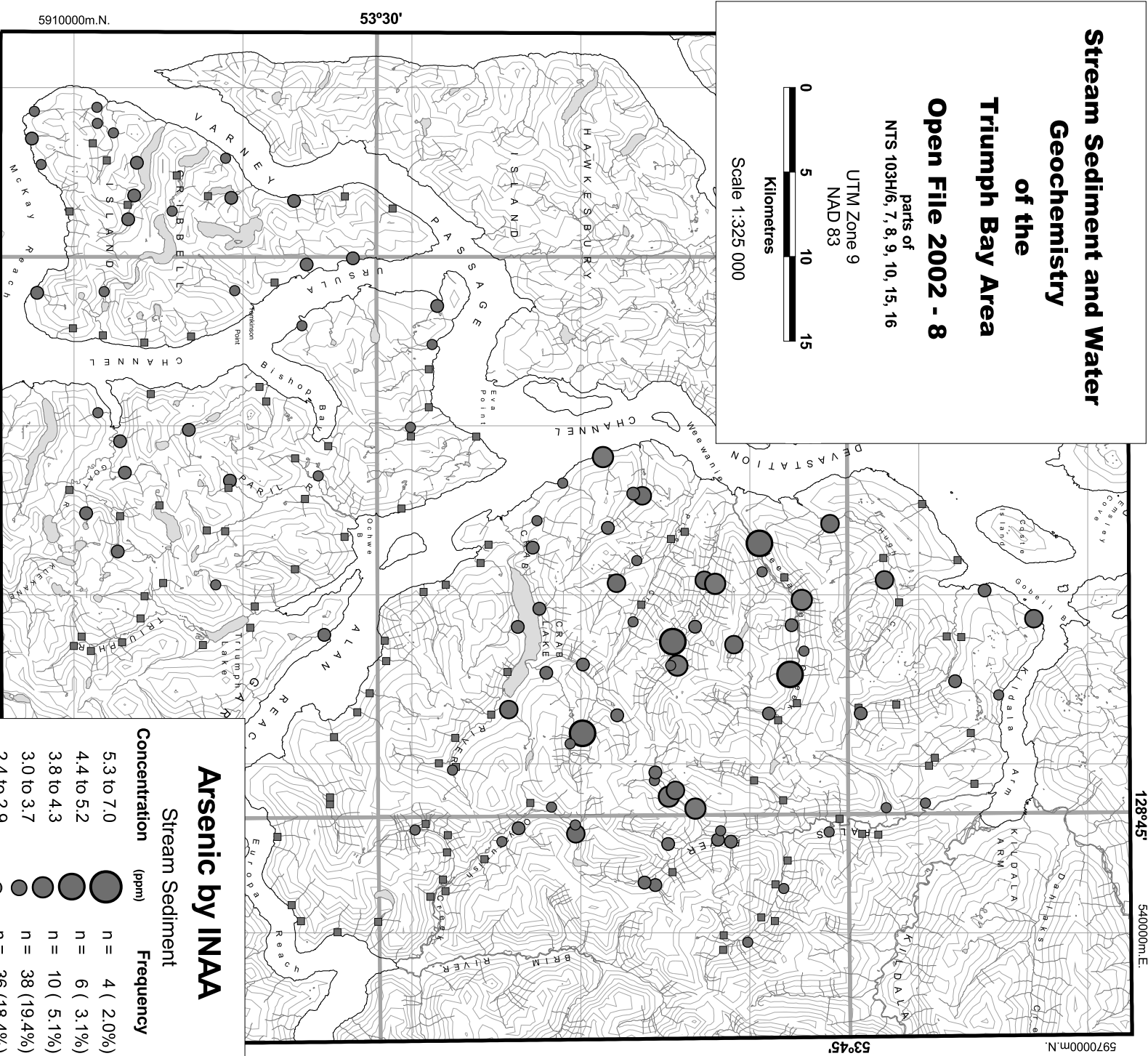
UTM Zone 9
NAD 83

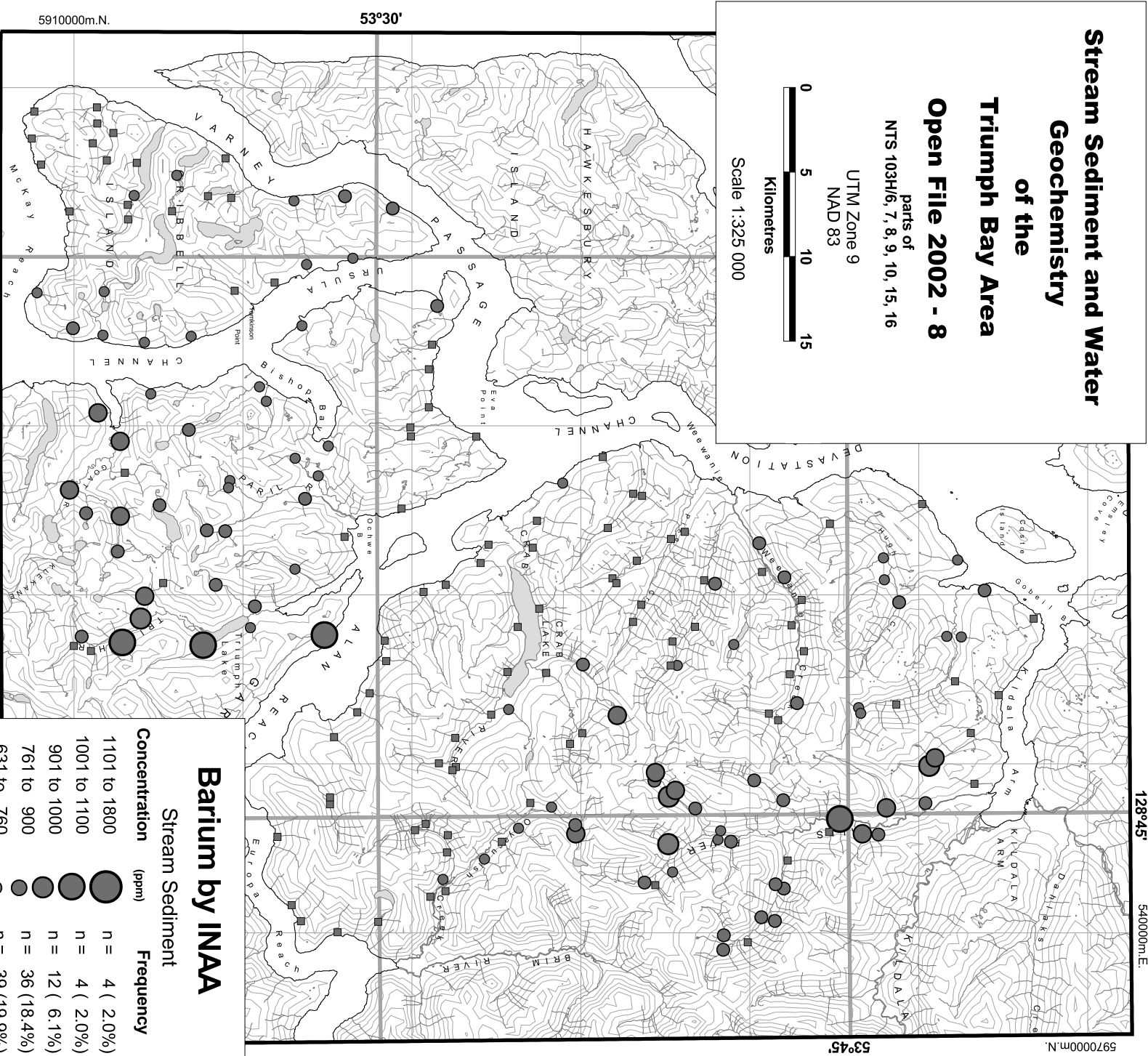


0 5 10 15
Kilometres

Scale 1:325 000







Stream Sediment and Water Geochemistry

Open File 2002 - 8

**parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16**

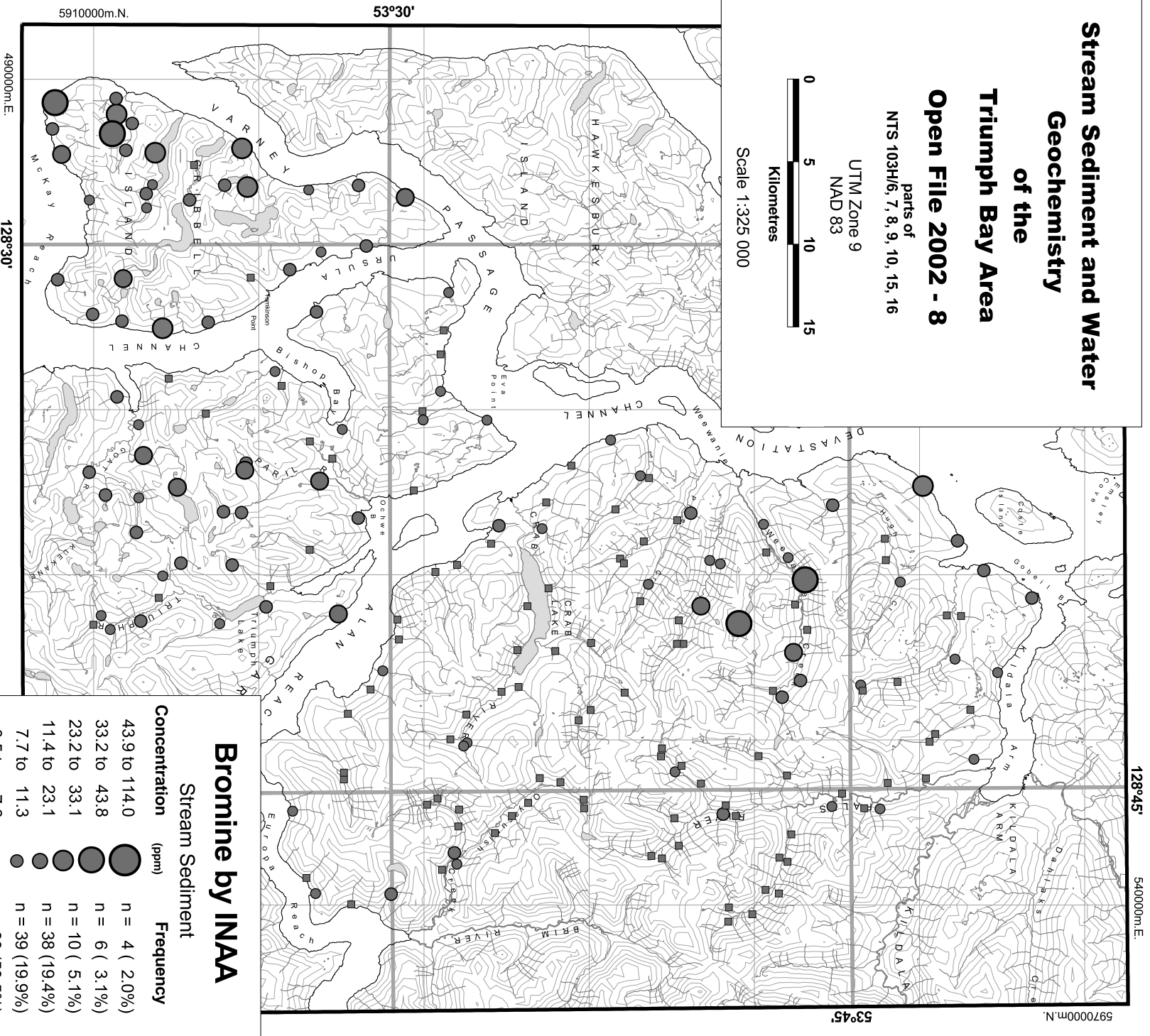
UTM Zone 9
NAD 83

NAD 83



Kilometres

Scale 1:325 000



Bromine by INAA

Stream Sediment

Concentration

(ppm)

Frequency

43.9 to 114.0

n = 4 (2.0%)

33.2 to 43.8

n = 6 (3.1%)

23.2 10 33.1

n = 10 (5.1%)

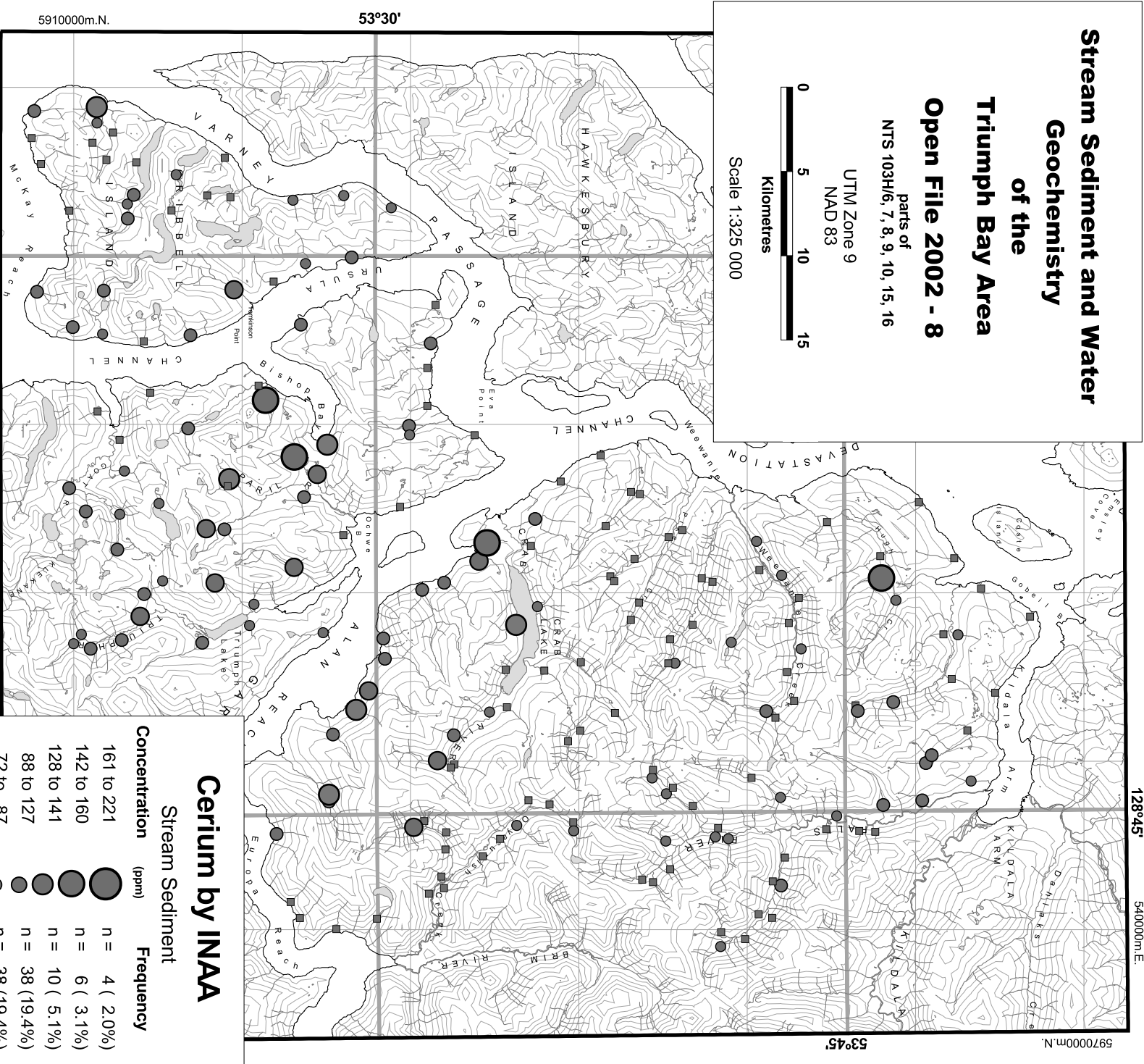
77 to 113

n = 39 (19.9%)

0.5 to 7.6 ■

n = 99 (50.5%)

196 Sample Sites



Stream Sediment and Water Geochemistry

Open File 2002 - 8

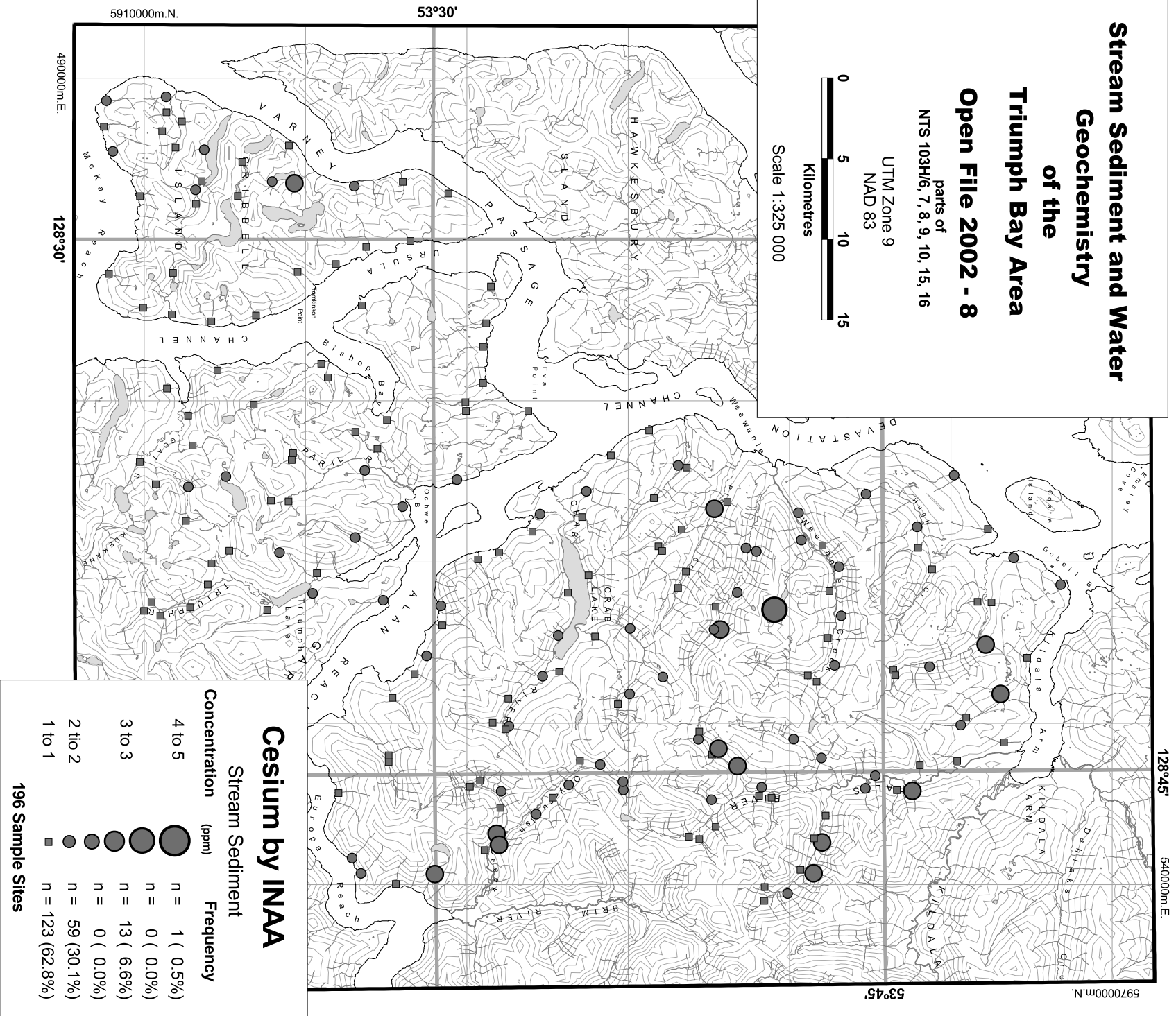
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83

NAD 83



Scale 1:325 000



Stream Sediment and Water Geochemistry of the Triumph Bay Area

Open File 2002 - 8

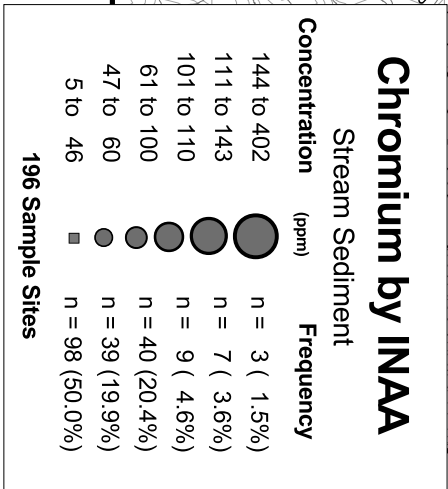
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



0 5 10 15
Kilometres

Scale 1:325 000

[illegible]

Stream Sediment and Water Geochemistry

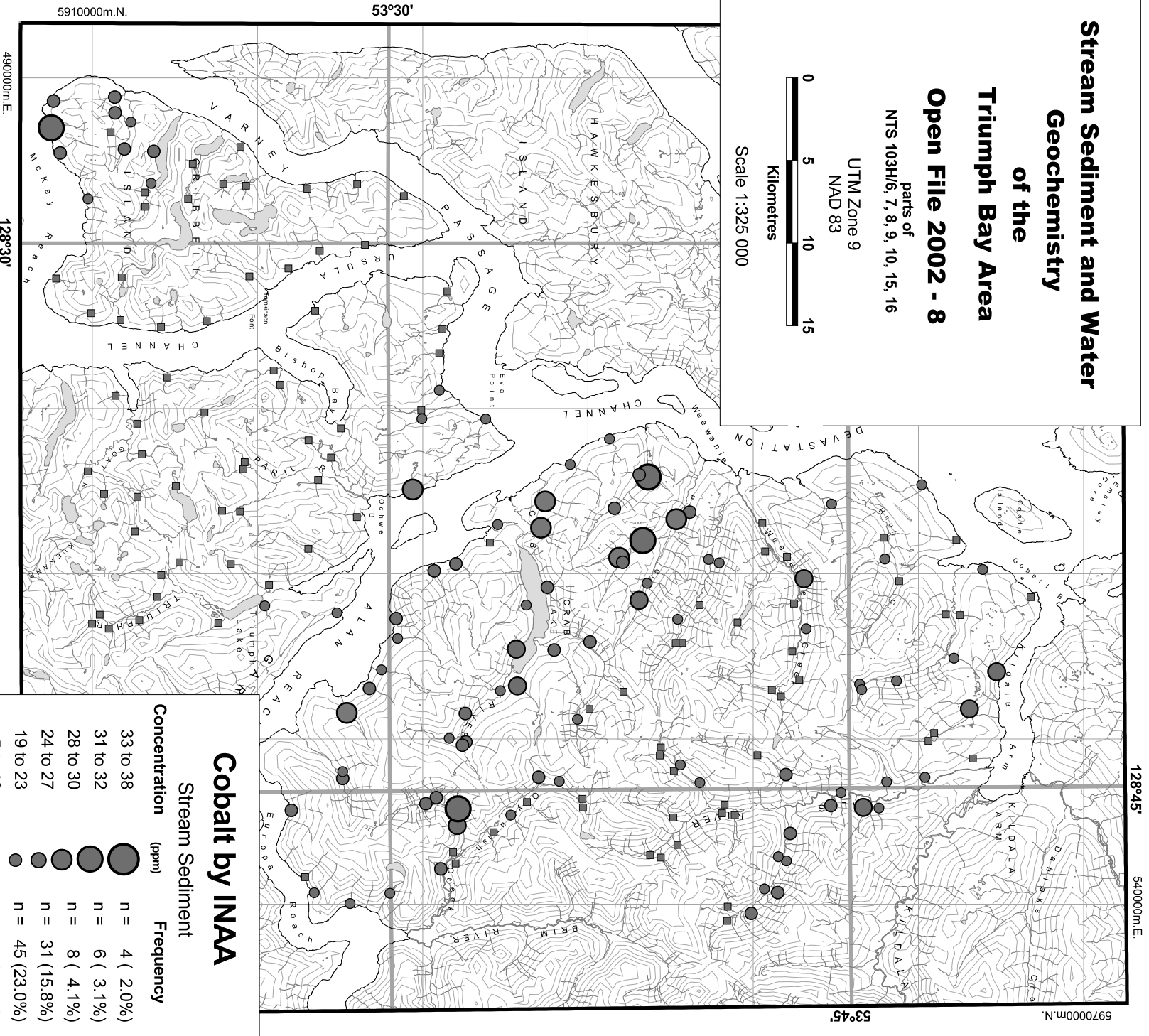
Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



Scale 1:325 000



Cobalt by INAA

Stream Sediment

Concentration

(ppm)

Frequency

33 to 38 n = 4 (2.0%)

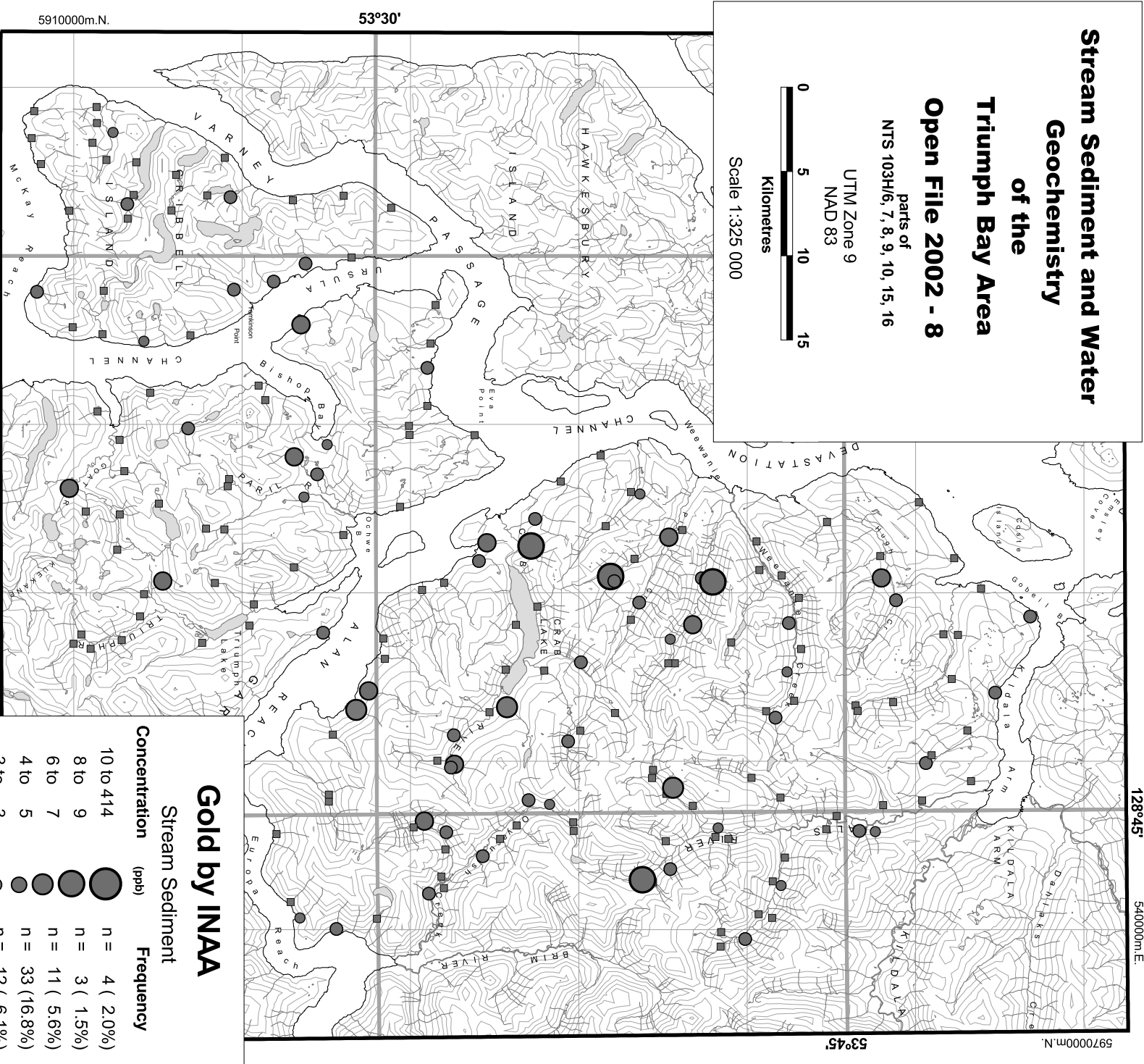
31 to 32 n = 6 (3.1%)

28 to 30 n = 8 (4.1%)

24 to 27 n = 31 (15.8%)

5 to 18 ■ n = 102 (52.0%)

196 Sample Sites



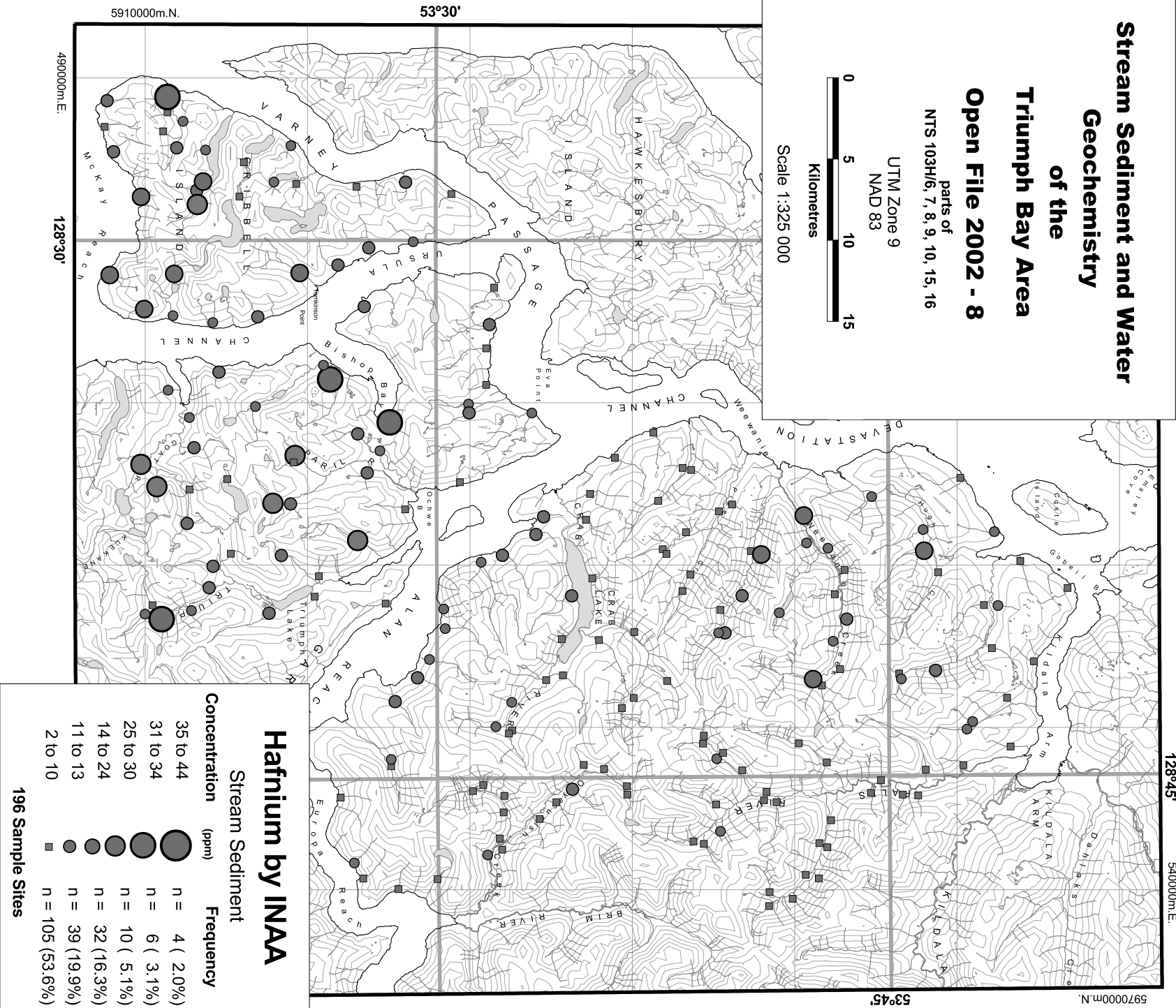
Stream Sediment and Water Geochemistry

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 83
NAD 83



Scale 1:325 000



Hafnium by INAA

Stream Sediment

Concentration

(ppm)

Frequency

Age Group	n	(%)
18 to 24	10	(2.0%)
25 to 34	10	(2.0%)
35 to 44	4	(2.0%)
45 to 54	10	(2.0%)
55 to 64	10	(2.0%)
65 to 74	10	(2.0%)
75 to 84	10	(2.0%)
85 to 94	10	(2.0%)
95 to 104	10	(2.0%)
105 to 114	10	(2.0%)
115 to 124	10	(2.0%)
125 to 134	10	(2.0%)
135 to 144	10	(2.0%)
145 to 154	10	(2.0%)
155 to 164	10	(2.0%)
165 to 174	10	(2.0%)
175 to 184	10	(2.0%)
185 to 194	10	(2.0%)
195 to 204	10	(2.0%)
205 to 214	10	(2.0%)
215 to 224	10	(2.0%)
225 to 234	10	(2.0%)
235 to 244	10	(2.0%)
245 to 254	10	(2.0%)
255 to 264	10	(2.0%)
265 to 274	10	(2.0%)
275 to 284	10	(2.0%)
285 to 294	10	(2.0%)
295 to 304	10	(2.0%)
305 to 314	10	(2.0%)
315 to 324	10	(2.0%)
325 to 334	10	(2.0%)
335 to 344	10	(2.0%)
345 to 354	10	(2.0%)
355 to 364	10	(2.0%)
365 to 374	10	(2.0%)
375 to 384	10	(2.0%)
385 to 394	10	(2.0%)
395 to 404	10	(2.0%)
405 to 414	10	(2.0%)
415 to 424	10	(2.0%)
425 to 434	10	(2.0%)
435 to 444	10	(2.0%)
445 to 454	10	(2.0%)
455 to 464	10	(2.0%)
465 to 474	10	(2.0%)
475 to 484	10	(2.0%)
485 to 494	10	(2.0%)
495 to 504	10	(2.0%)
505 to 514	10	(2.0%)
515 to 524	10	(2.0%)
525 to 534	10	(2.0%)
535 to 544	10	(2.0%)
545 to 554	10	(2.0%)
555 to 564	10	(2.0%)
565 to 574	10	(2.0%)
575 to 584	10	(2.0%)
585 to 594	10	(2.0%)
595 to 604	10	(2.0%)
605 to 614	10	(2.0%)
615 to 624	10	(2.0%)
625 to 634	10	(2.0%)
635 to 644	10	(2.0%)
645 to 654	10	(2.0%)
655 to 664	10	(2.0%)
665 to 674	10	(2.0%)
675 to 684	10	(2.0%)
685 to 694	10	(2.0%)
695 to 704	10	(2.0%)
705 to 714	10	(2.0%)
715 to 724	10	(2.0%)
725 to 734	10	(2.0%)
735 to 744	10	(2.0%)
745 to 754	10	(2.0%)
755 to 764	10	(2.0%)
765 to 774	10	(2.0%)
775 to 784	10	(2.0%)
785 to 794	10	(2.0%)
795 to 804	10	(2.0%)
805 to 814	10	(2.0%)
815 to 824	10	(2.0%)
825 to 834	10	(2.0%)
835 to 844	10	(2.0%)
845 to 854	10	(2.0%)
855 to 864	10	(2.0%)
865 to 874	10	(2.0%)
875 to 884	10	(2.0%)
885 to 894	10	(2.0%)
895 to 904	10	(2.0%)
905 to 914	10	(2.0%)
915 to 924	10	(2.0%)
925 to 934	10	(2.0%)
935 to 944	10	(2.0%)
945 to 954	10	(2.0%)
955 to 964	10	(2.0%)
965 to 974	10	(2.0%)
975 to 984	10	(2.0%)
985 to 994	10	(2.0%)
995 to 1004	10	(2.0%)
1005 to 1014	10	(2.0%)
1015 to 1024	10	(2.0%)
1025 to 1034	10	(2.0%)
1035 to 1044	10	(2.0%)
1045 to 1054	10	(2.0%)

31 to 34 n = 6 (3.1%)

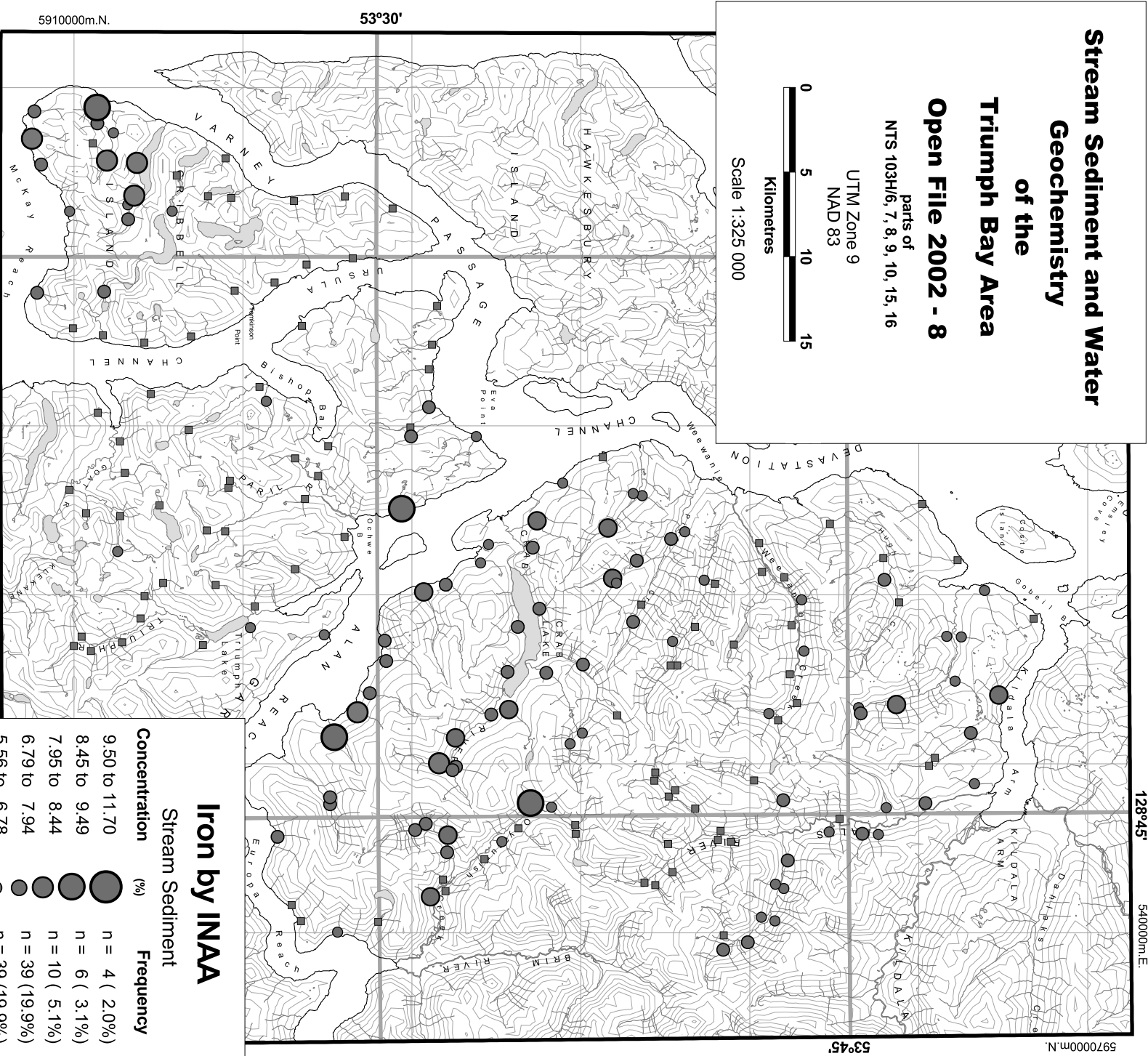
25 to 30 n = 10 (5.1%)

n = 32 (16.3%)

- n = 39 (19.9%)

2 to 10 ■ n = 105 (53.6%)

196 Sample Sites



Stream Sediment and Water Geochemistry of the

Triumph Bay Area

Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

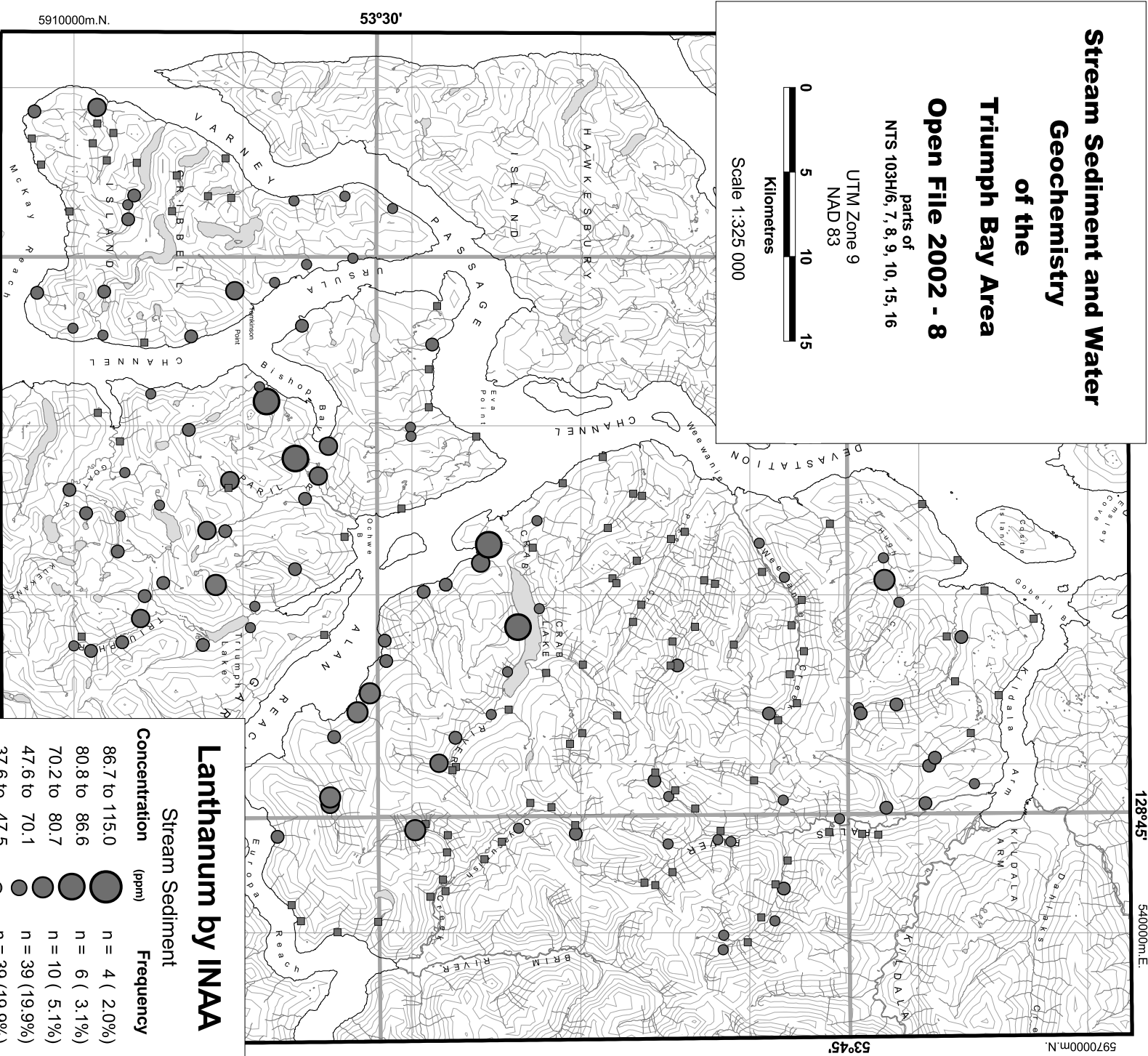
UTM Zone 9
NAD 83



Scale 1:325 000

Iron by INAA		
Stream Sediment		
Concentration	(%)	Frequency
9.50 to 11.70		n = 4 (2.0%)
8.45 to 9.49		n = 6 (3.1%)
7.95 to 8.44		n = 10 (5.1%)
6.79 to 7.94		n = 39 (19.9%)
5.56 to 6.78		n = 39 (19.9%)
2.18 to 5.55		n = 98 (50.0%)

196 Sample Sites



Stream Sediment and Water Geochemistry

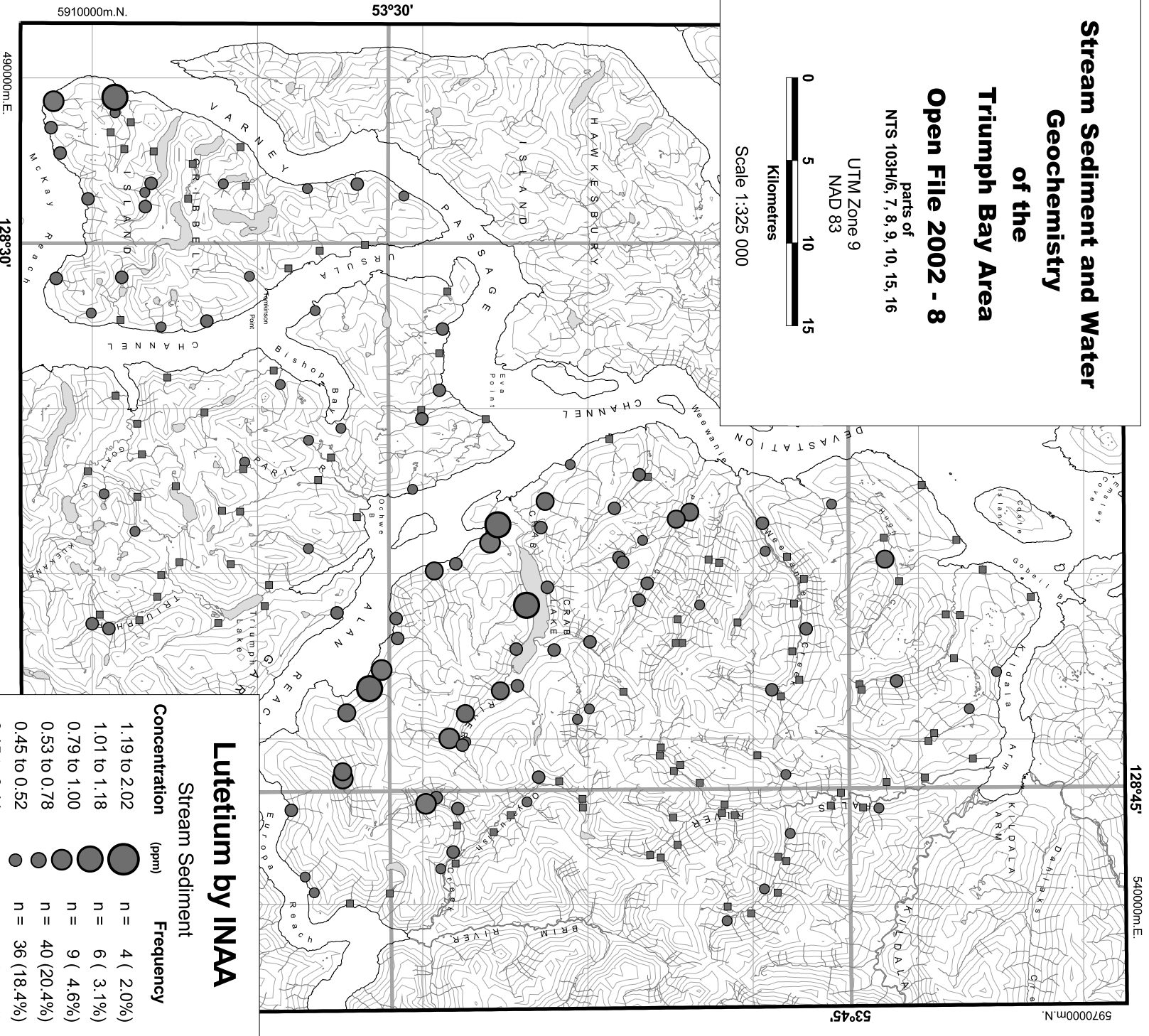
Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



Scale 1:325 000



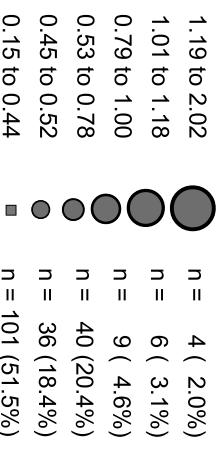
Lutetium by INAA

Stream Sediment

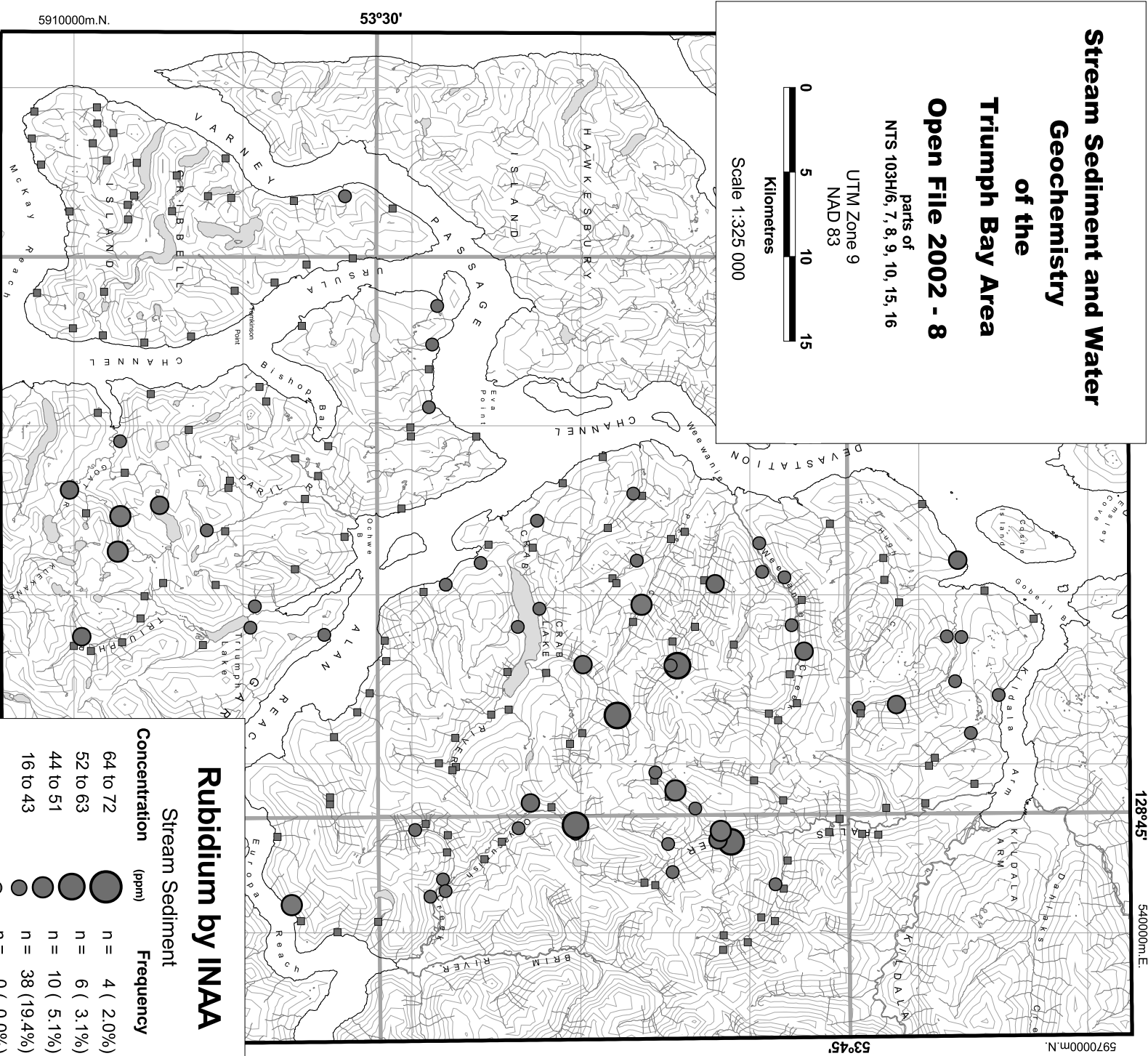
Concentration

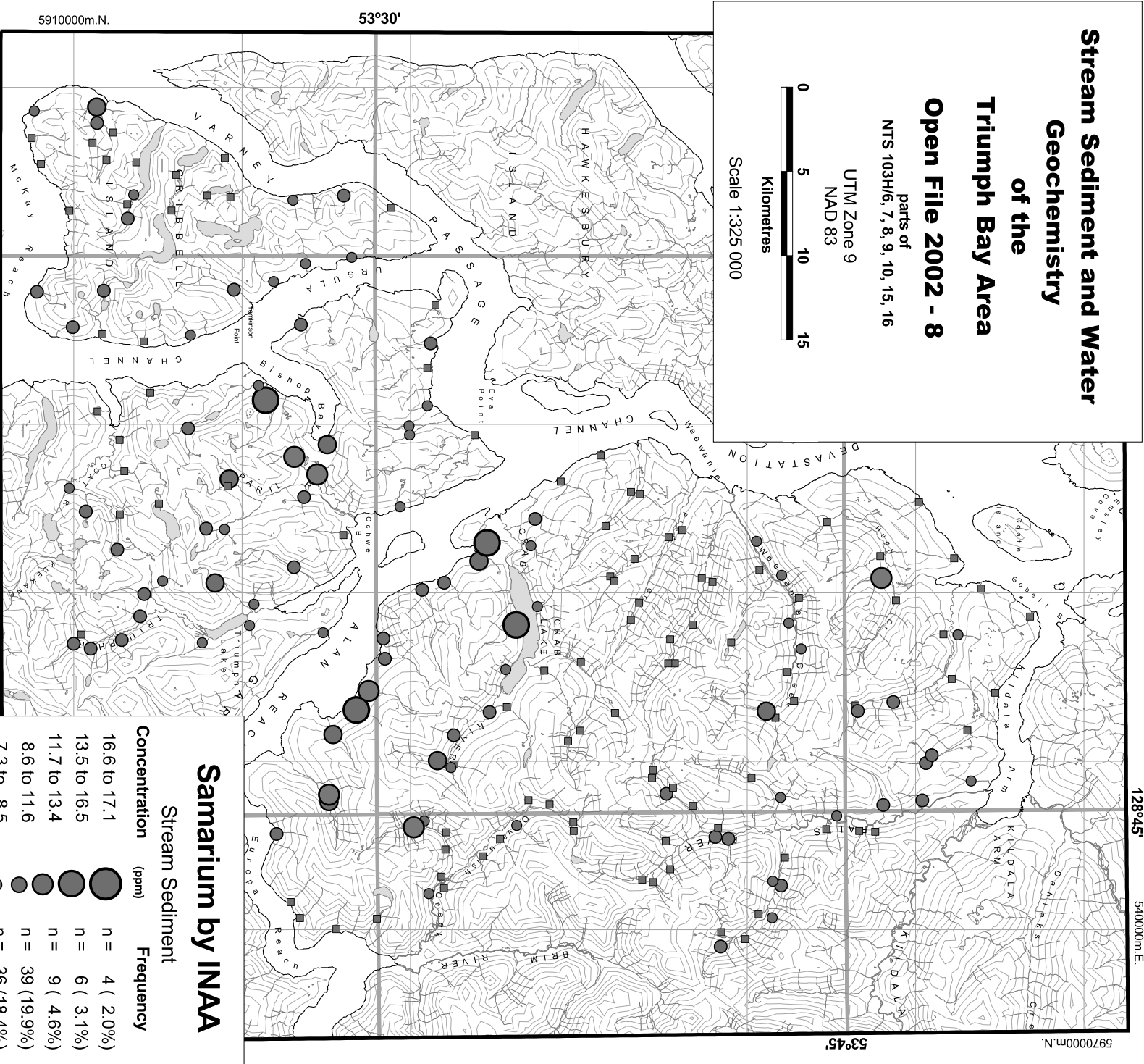
(ppm)

Frequency



196 Sample Sites





5970000m.N.

53°45'

.51



1

1

1

1

1

1

1

1

1

1

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

1

Stream Sediment and Water Geochemistry of the Triumph Bay Area

Open File 2002 - 8

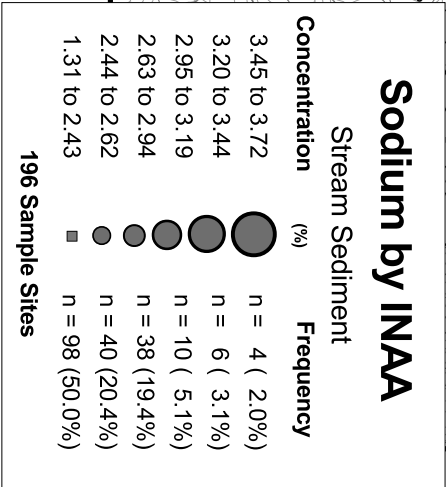
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



0 5 10 15
Kilometres

Scale 1:325 000

[illegible][illegible][illegible][illegible]

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
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2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
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196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Sodium by INAA

Stream Sediment

Concentration	(%)	Frequency
3.45 to 3.72		n = 4 (2.0%)
3.20 to 3.44		n = 6 (3.1%)
2.95 to 3.19		n = 10 (5.1%)
2.63 to 2.94		n = 38 (19.4%)
2.44 to 2.62		n = 40 (20.4%)
1.31 to 2.43		n = 98 (50.0%)

196 Sample Sites

Stream Sediment and Water Geochemistry

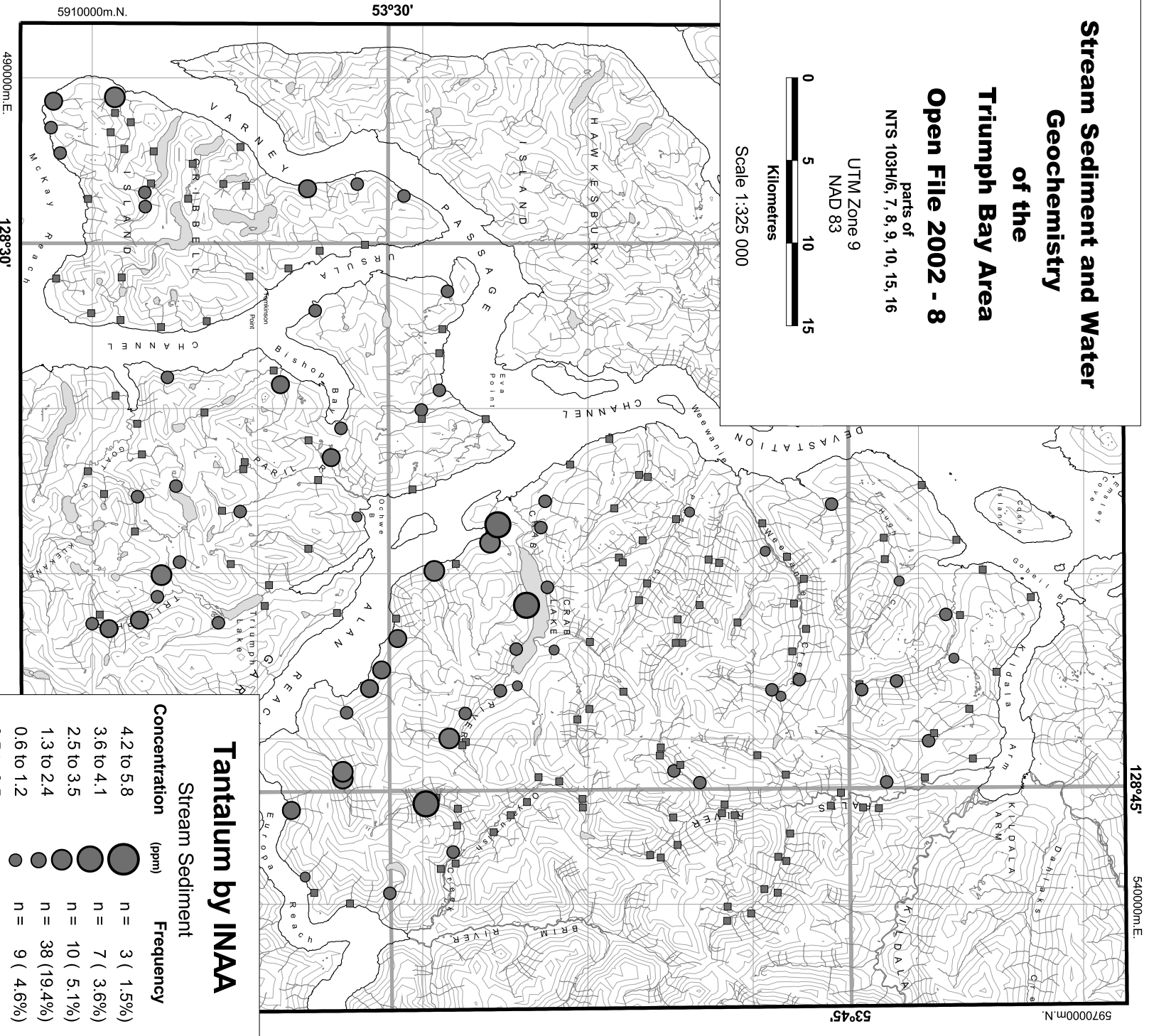
Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



Scale 1:325 000



Tantalum by INAA

Stream Sediment

Concentration

(ppm)

Frequency

4.2 to 5.8

$$n = 3 (1.5\%)$$

3.6.10 4.1

n = 7 (3.6%)

131024

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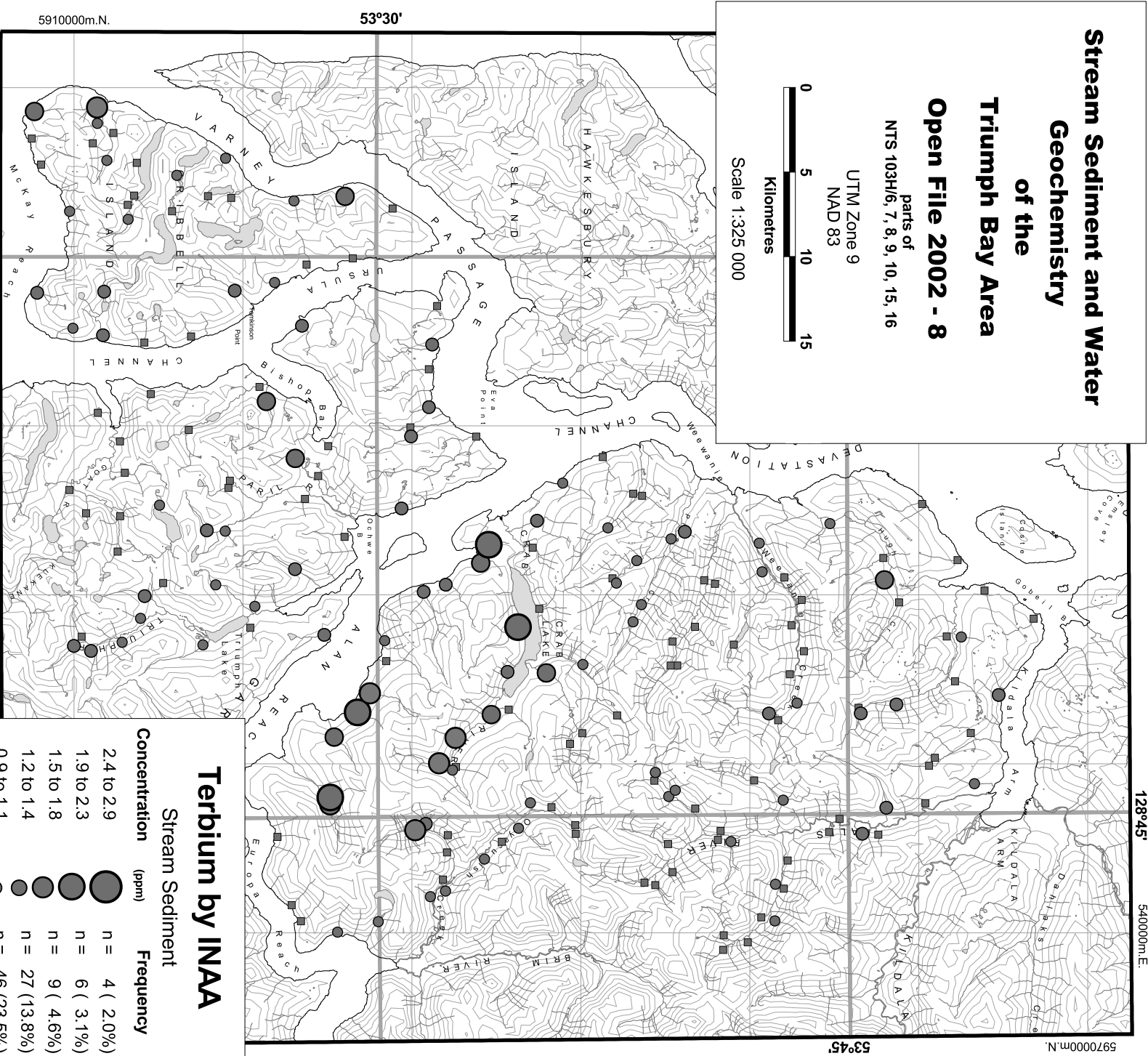
n = 38 (19.4%)

0.6 to 1.2

●

n = 9 (4.6%)

196 Sample Sites



Stream Sediment and Water Geochemistry

Open File 2002 - 8

**parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16**

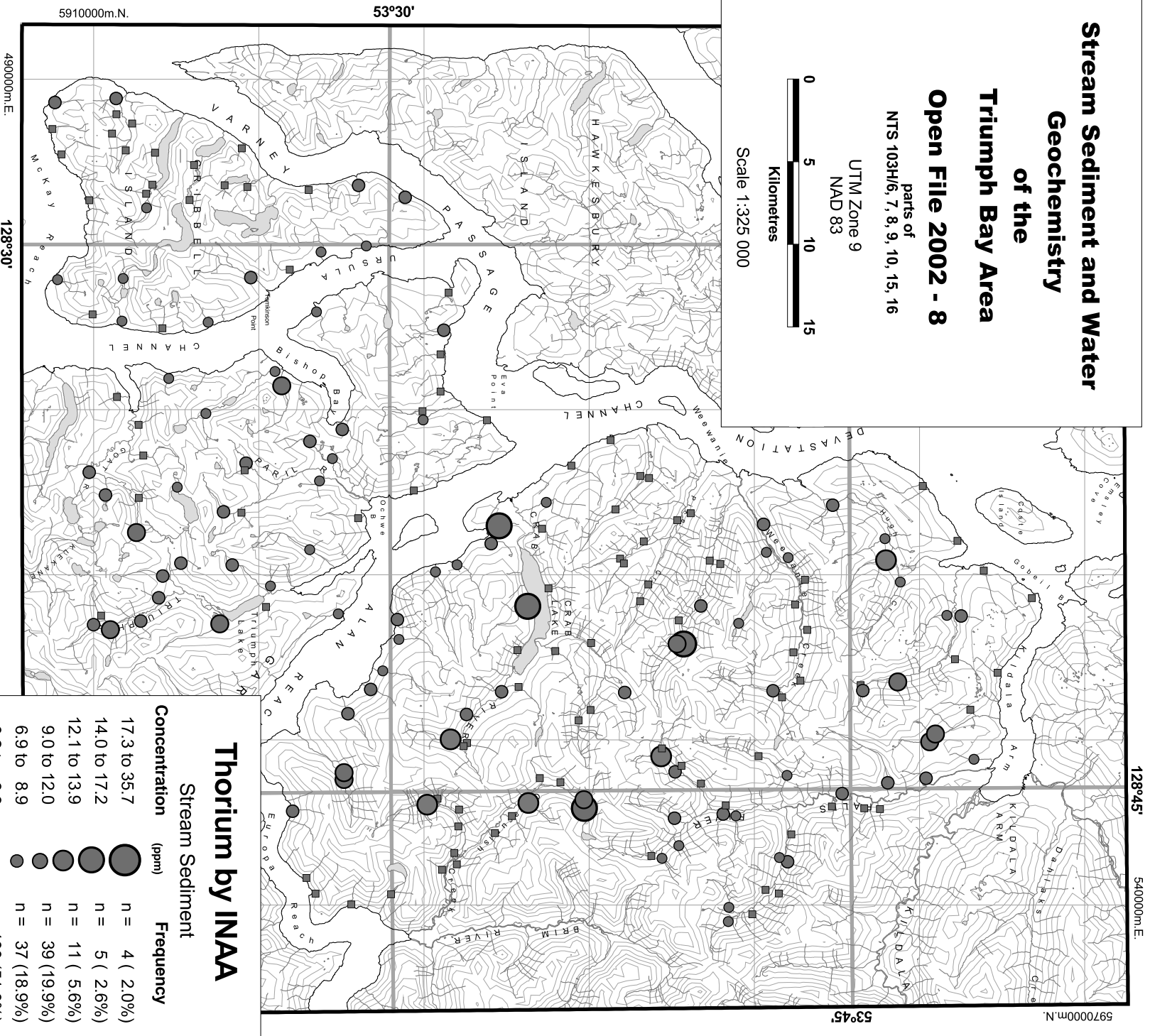
UTM Zone 9
NAD 83

NAD 83



Kilometres

Scale 1:325 000



Thorium by INAA

Stream Sediment

Concentration

(ppm)

Frequency

17.3 to 35.7 ☒ n = 4 (2.0%)

Age Group	n	(%)
14.0 to 17.2	5	(2.6%)

12.1 to 13.9 n = 11 (5.6%)

90 to 120 ● n = 39 (19.9%)

Age group	n	%
0 to 19	20	(18.0%)
20 to 39	10	(9.0%)
40 to 59	10	(9.0%)
60 to 79	10	(9.0%)
80 and over	37	(18.0%)

0.2 to 6.8 ■ n = 100 (51.0%)

196 Sample Sites

Stream Sediment and Water Geochemistry of the Triumph Bay Area

Open File 2002 - 8

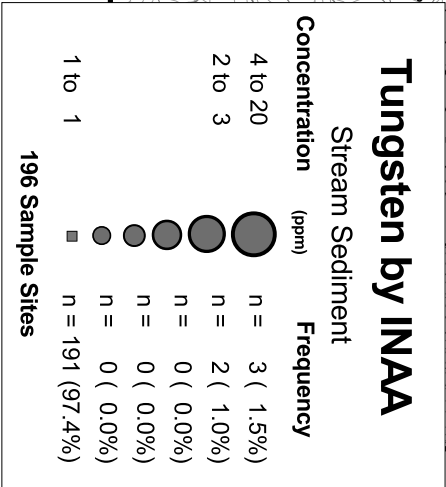
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



0 5 10 15
Kilometres

Scale 1:325 000

[illegible][illegible][illegible][illegible][illegible][illegible]

Tungsten by INAA

Stream Sediment

Concentration	(ppm)	Frequency
4 to 20		n = 3 (1.5%)
2 to 3		n = 2 (1.0%)
		n = 0 (0.0%)
		n = 0 (0.0%)
		n = 0 (0.0%)
1 to 1		n = 191 (97.4%)

196 Sample Sites

Tungsten by INAA

Stream Sediment

Concentration	(ppm)	Frequency
4 to 20		n = 3 (1.5%)
2 to 3		n = 2 (1.0%)
		n = 0 (0.0%)
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196 Sample Sites

Tungsten by INAA

Stream Sediment

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196 Sample Sites

Tungsten by INAA

Stream Sediment

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4 to 20		n = 3 (1.5%)
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196 Sample Sites

Tungsten by INAA

Stream Sediment

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4 to 20		n = 3 (1.5%)
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196 Sample Sites

Tungsten by INAA

Stream Sediment

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4 to 20		n = 3 (1.5%)
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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

Tungsten by INAA

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196 Sample Sites

Stream Sediment and Water Geochemistry

Open File 2002 - 8

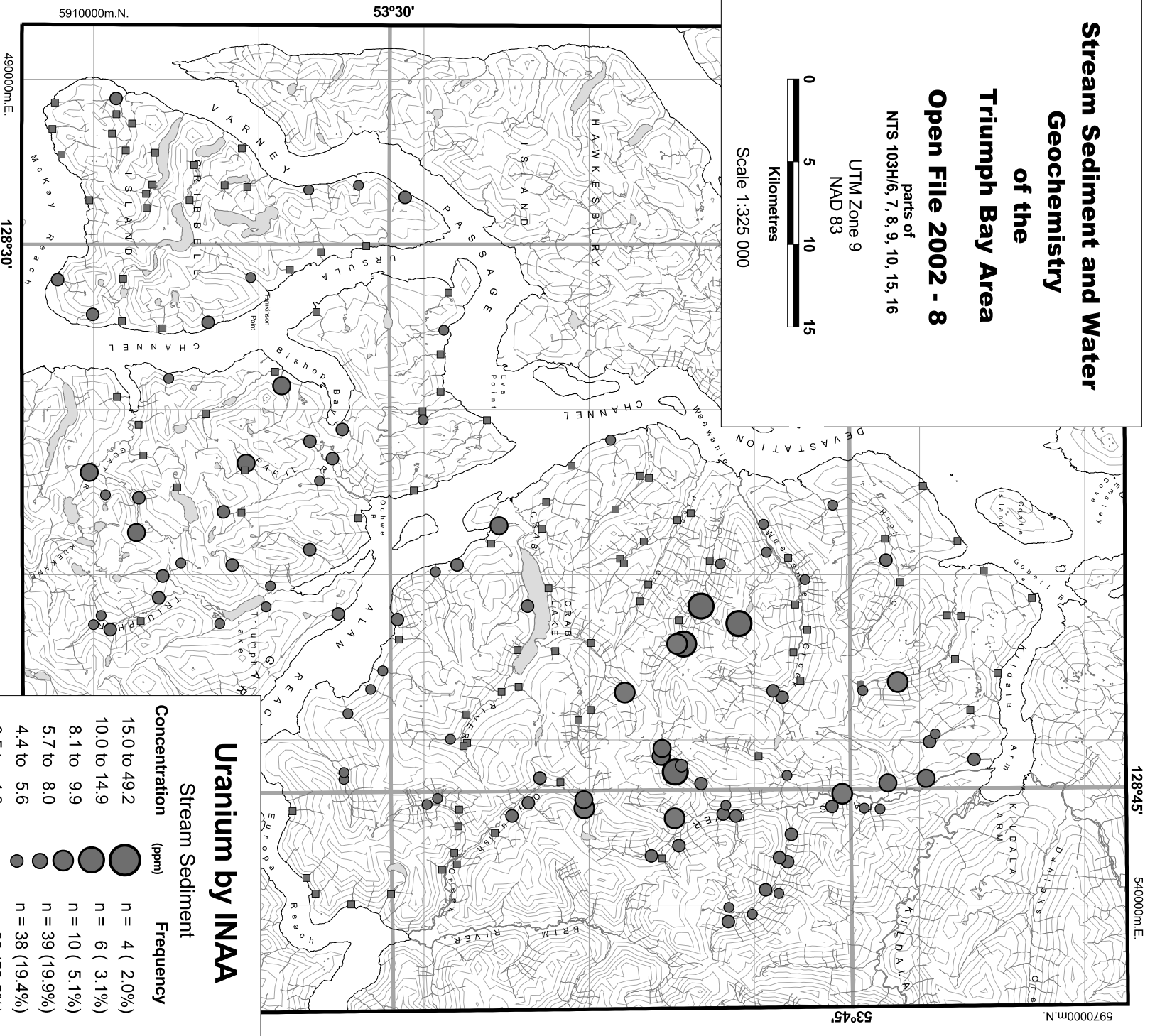
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83

NAD 83



Scale 1:325 000



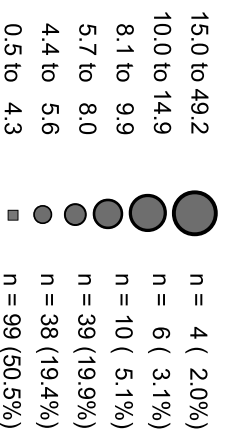
Uranium by INAA

Stream Sediment

Concentration

(ppm)

Frequency



196 Sample Sites

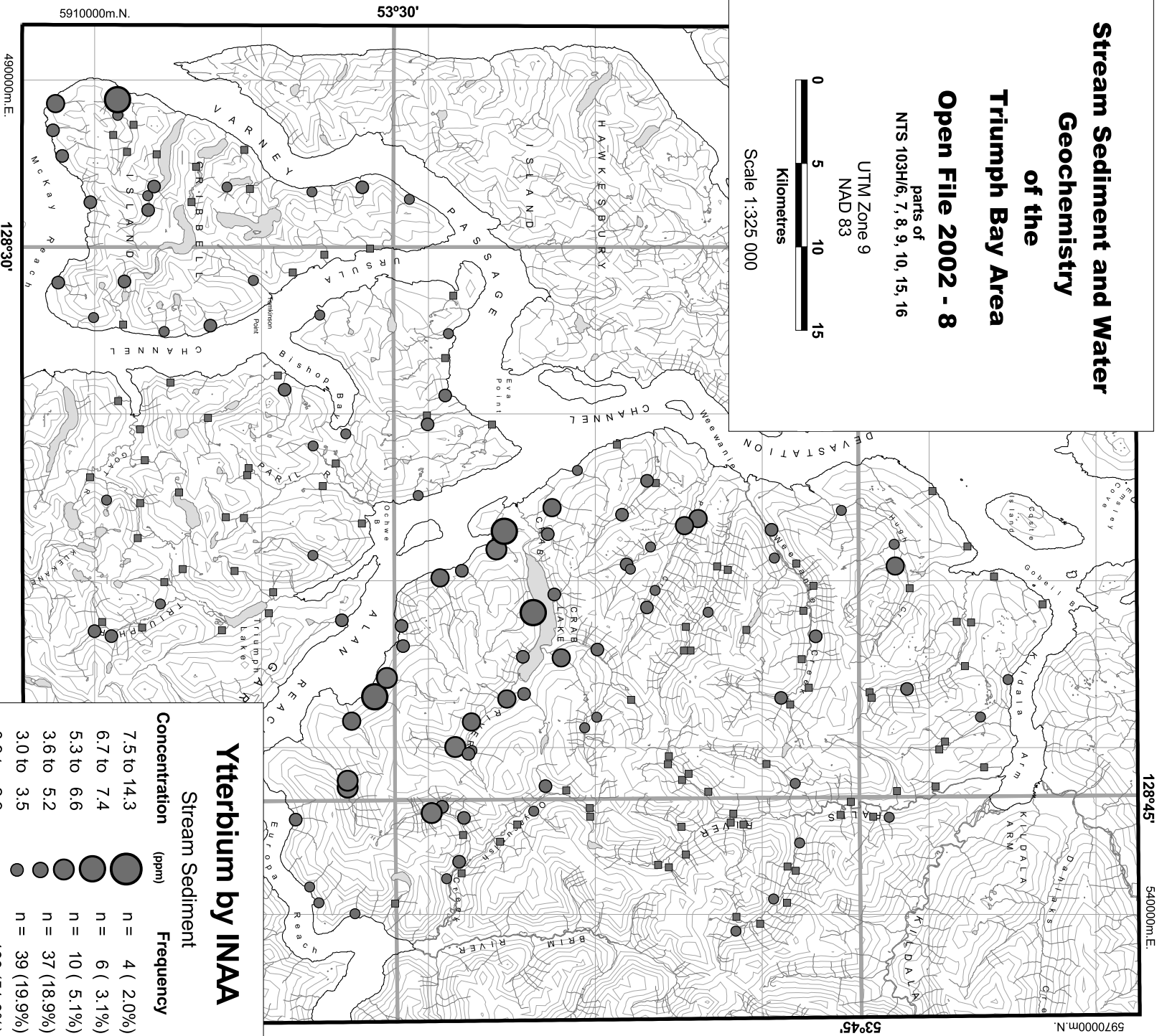
Stream Sediment and Water Geochemistry

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 83
NAD 83



Scale 1:325 000



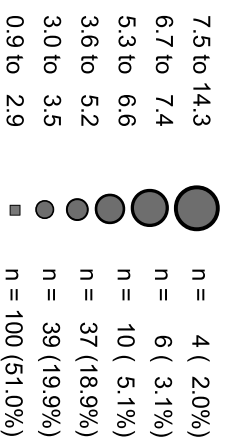
Ytterbium by INAA

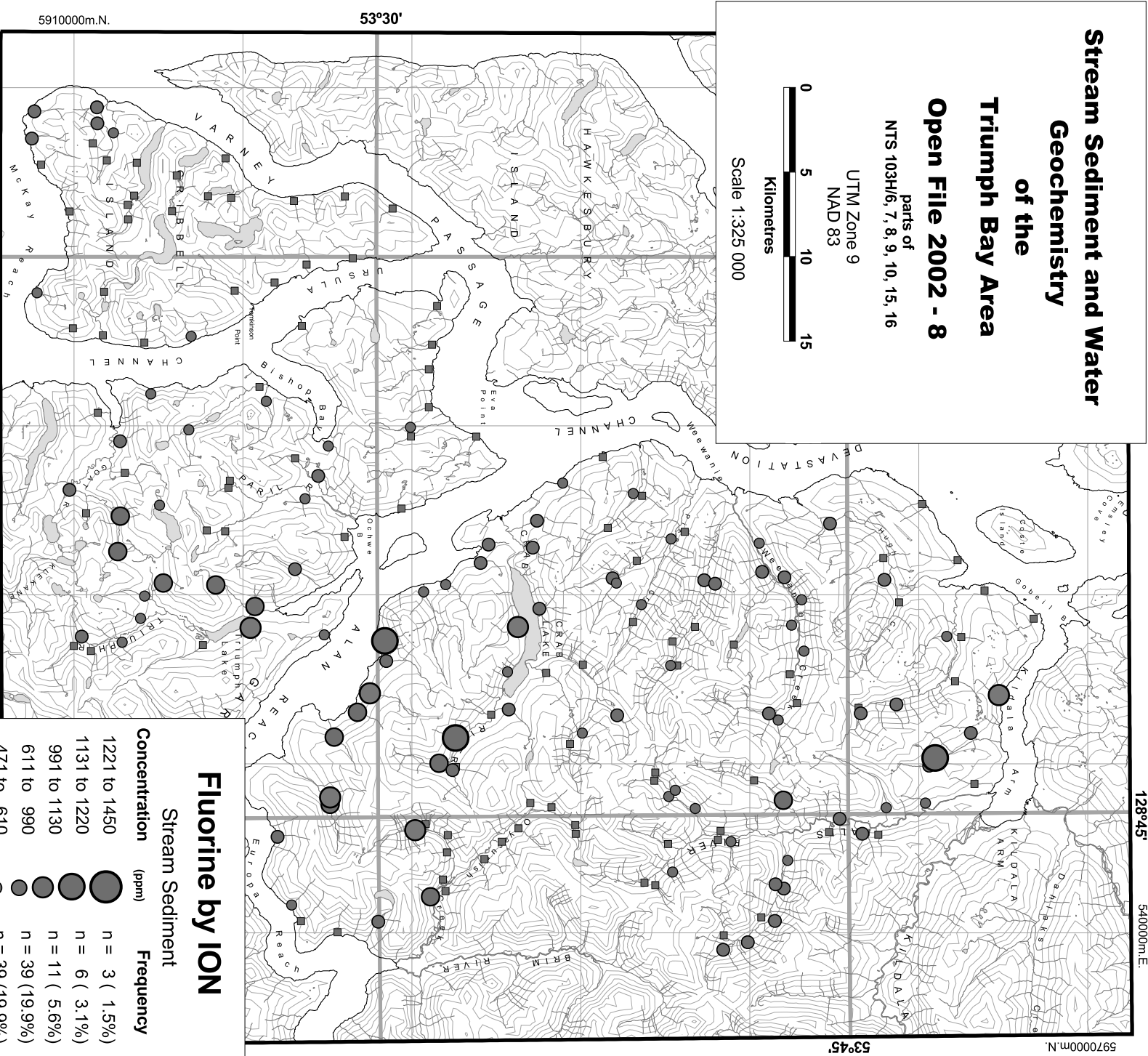
Stream Sediment

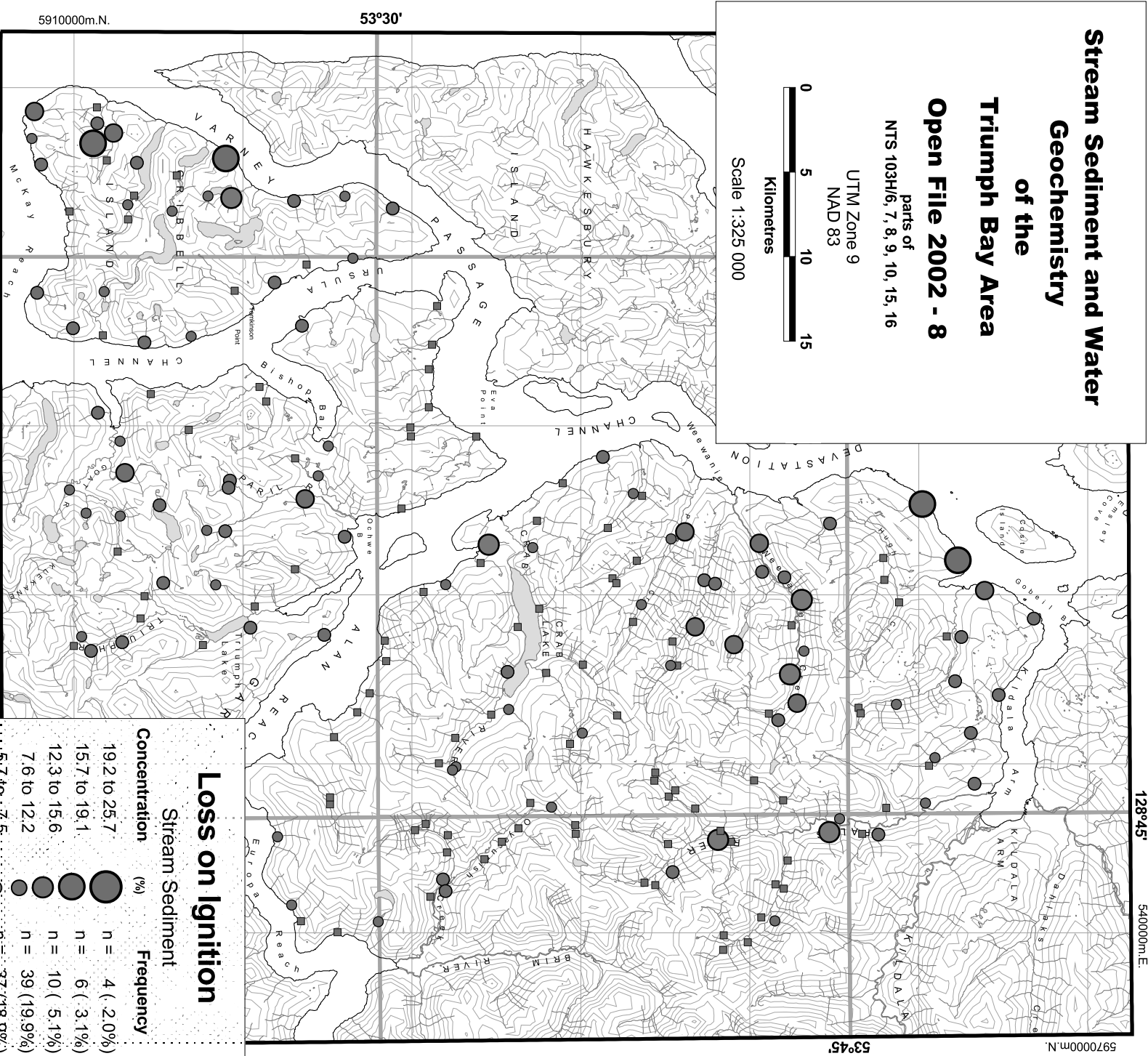
Concentration

(ppm)

Frequency







Stream Sediment and Water Geochemistry of the Triumph Bay Area

Open File 2002 - 8

parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83



0 5 10 15
Kilometres

Scale 1:325 000

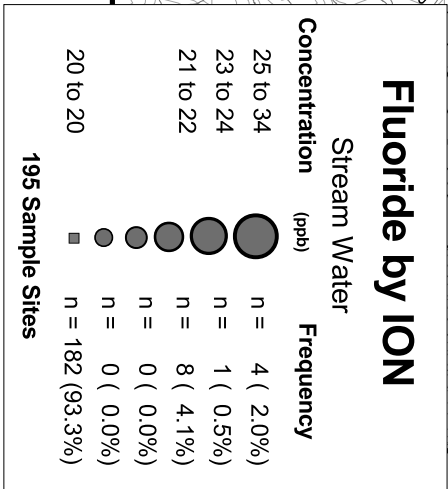
Topographic map of the Kildala area in Scotland. The map shows contour lines, rivers, and settlements. The Kildala Burn flows from the north towards the south. The map includes a grid with coordinates 53°45' N and 128°45' E. The map is titled 'KILDALA' and 'DARLICKS CREE'.

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Topographic map of the Kildala area in Scotland. The map shows contour lines, rivers, and settlements. The Kildala River flows from the north towards the south, passing through the town of Kildala. Other rivers shown include the Wee Kildala and the Kildala Burn. The map includes a grid with coordinates 53°45' N and 128°45' E. The map is titled 'KILDALA' and 'KILDALA'.

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Fluoride by ION

Stream Water

Concentration	(ppb)	Frequency
25 to 34		n = 4 (2.0%)
23 to 24		n = 1 (0.5%)
21 to 22		n = 8 (4.1%)
20 to 20		n = 0 (0.0%)
		n = 0 (0.0%)
		n = 182 (93.3%)

195 Sample Sites

Fluoride by ION

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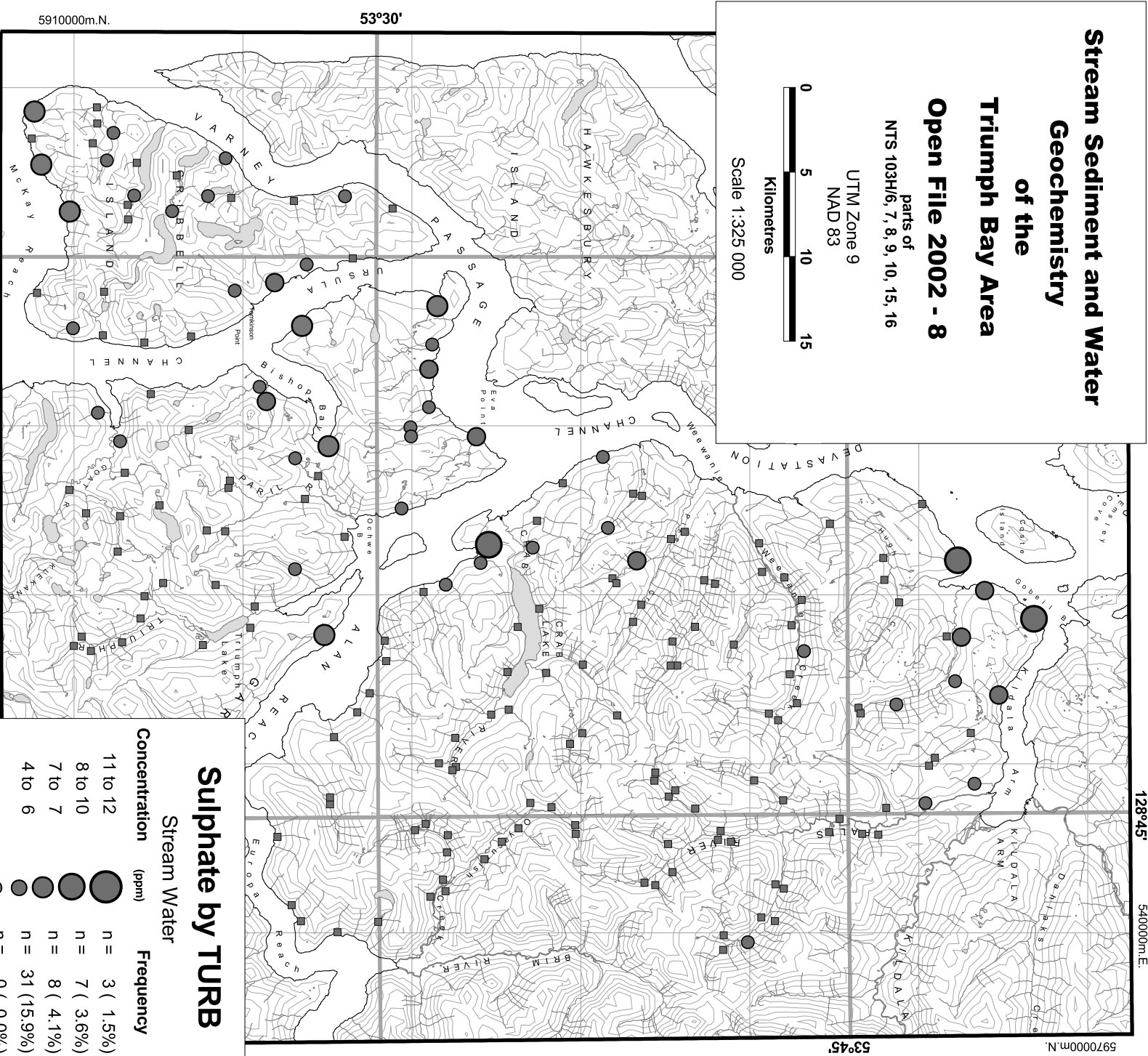
195 Sample Sites

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195 Sample Sites



Stream Sediment and Water Geochemistry

Open File 2002 - 8

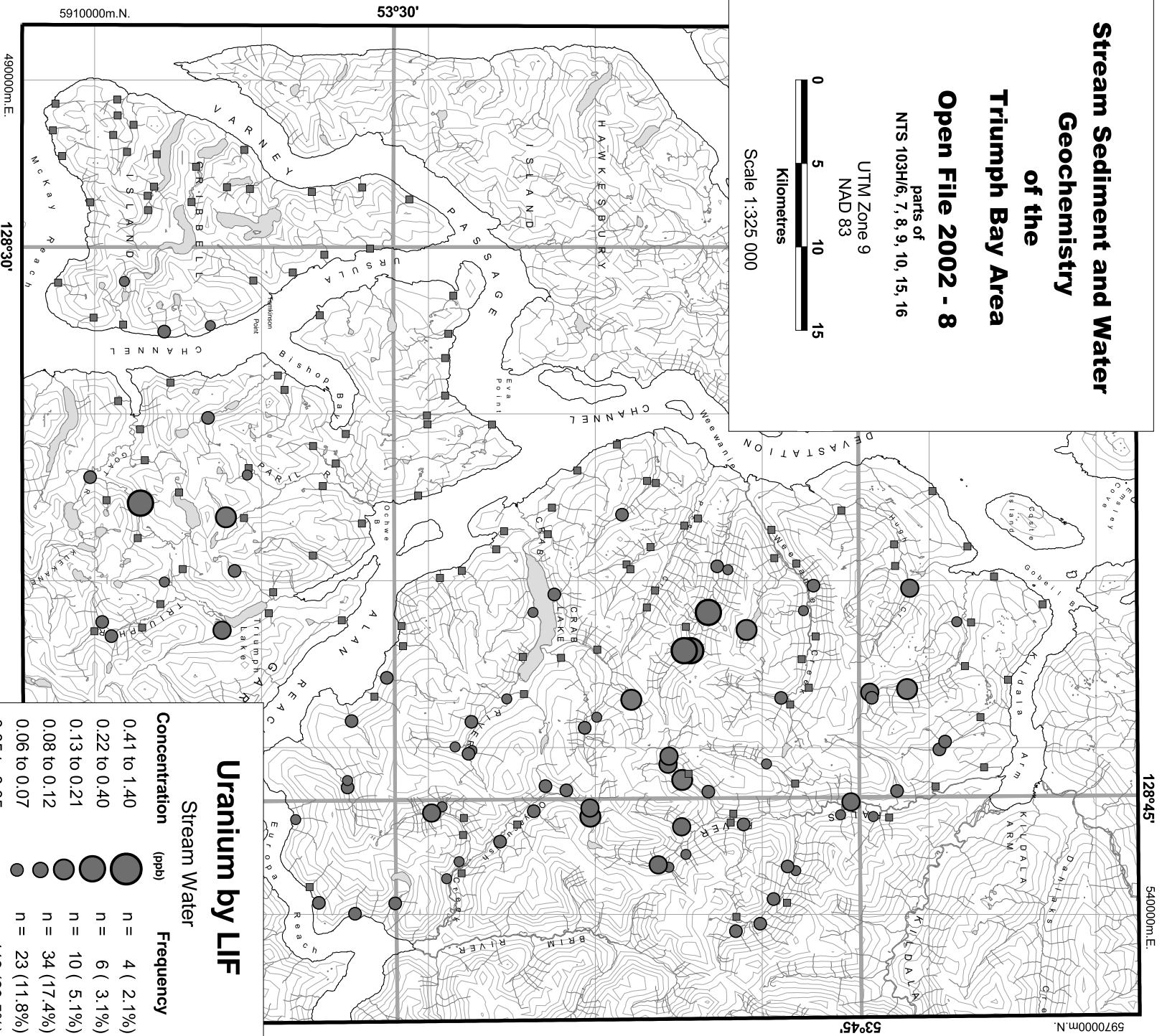
parts of
NTS 103H/6, 7, 8, 9, 10, 15, 16

UTM Zone 9
NAD 83

NAD 83



Scale 1:325 000



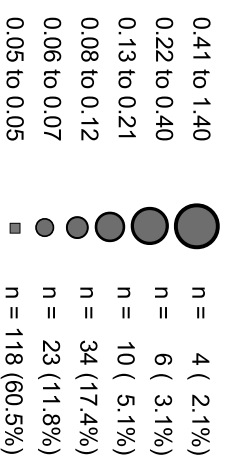
Uranium by LIF

Stream Water

Concentration

(ppb)

Frequency



195 Sample Sites

