

**GEOLOGICAL SURVEY OF CANADA – OPEN FILE 2002**

**(Parts of NTS Sheets 11D, E and F)**

**CANADA – NOVA SCOTIA MINERAL DEVELOPMENT AGREEMENT (1984 – 1989)**

# **RECONNAISSANCE BIOGEOCHEMICAL SURVEY, EASTERN NOVA SCOTIA**



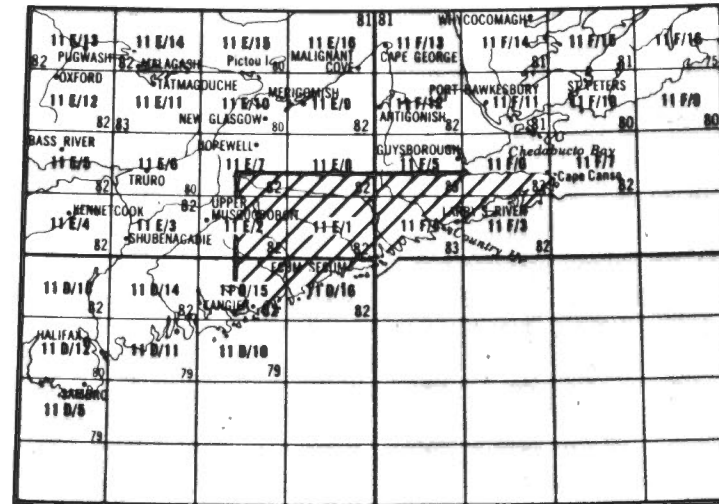
**Colin E. Dunn, Roxane M.P Banville, Stephen W. Adcock**

**May, 1989**

This document was produced  
by scanning the original publication.

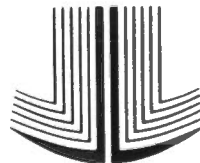
Ce document est le produit d'une  
numérisation par balayage  
de la publication originale.

**RECONNAISSANCE BIOGEOCHEMICAL SURVEY, EASTERN NOVA SCOTIA,  
GSC OPEN FILE 2002  
PARTS OF NTS 11D, E, F**



**Survey Area with Respect to National Topographic  
System (NTS) Map Sheets**

**Région d'Etude avec Respect au Système National  
de référence Cartographique**



Project funded by the Geological Survey of Canada as a contribution to  
Canada-Nova Scotia Mineral Development Agreement 1984-89,  
a subsidiary agreement to the Economic and Regional Development Agreement.

Ce projet a été subventionné par la CGC comme contribution à  
l'entente Canada - Nouvelle-Écosse: Entente d'exploitation minière 1984-89,  
faisant partie de l'Entente sur le développement économique et régional.

## TABLE OF CONTENTS

	page
INTRODUCTION .....	1
CREDITS .....	2
SURVEY DESCRIPTION .....	3
SAMPLE COLLECTION, PREPARATION, AND ANALYSIS .....	3
GEOLOGY .....	4
ELEMENT DISTRIBUTION MAPS .....	5
NOTES ON THE BIOGEOCHEMICAL DATA LISTINGS (Appendices A and B) .....	8
ACKNOWLEDGEMENTS .....	8
REFERENCES .....	8
TABLE 1: Explanation of Abbreviations used in the Appendices .....	10
APPENDIX A – FIELD AND ANALYTICAL DATA .....	A1
APPENDIX B – STATISTICS .....	B1
ELEMENT MAPS (1:500,000) .....	In pocket
OVERLAY OF SAMPLE SITES, GEOLOGY, GOLD DISTRICTS AND MAIN COMMUNITIES .....	In pocket
GEOLOGY AND SAMPLE LOCATION MAP (1:250,000) .....	In pocket

## RECONNAISSANCE BIOGEOCHEMICAL SURVEY, EASTERN NOVA SCOTIA

Geological Survey of Canada Open File 2002

### INTRODUCTION

This is the first Open File of data from a reconnaissance biogeochemical survey in Canada. Included are data for 35 elements and maps for 27 elements in ashed twigs of balsam fir (Abies balsamea), plus one ash percentage map.

The survey was conducted in the early summer of 1987 by the Geological Survey of Canada in conjunction with the Nova Scotia Department of Mines and Energy, under the Canada - Nova Scotia Mineral Development Agreement (1984 - 1989).

The value to exploration of conventional reconnaissance geochemical surveys that involve the collection of materials such as lake or stream sediments and waters, has been extensively tried, tested and documented. No previous attempt has been made to assess the value to exploration of an extensive biogeochemical survey in eastern Canada. However, the results of several surveys conducted in Saskatchewan have demonstrated the potential value to mineral exploration of information obtained from examination of regional patterns of plant chemistry (e.g. Dunn, 1983).

Unlike other geochemical sample media, plants require certain elements for their very existence. Zinc, for example, is needed for the plants' metabolism. Therefore, subtle differences in Zn concentrations between sample sites are more likely to reflect the state of health of the plant than significant differences in the chemistry of the substrate. However, major differences in Zn concentrations may reflect the presence of Zn mineralization.

## ÉTUDE BIOGÉOCHIMIQUE DE RECONNAISSANCE, PARTIE EST DE LA NOUVELLE-ÉCOSSE

Commission géologique du Canada, dossier public n° 2002

### INTRODUCTION

*Le présent document constitue le premier dossier public auquel sont versées des données provenant d'une étude biogéochimique de reconnaissance menée au Canada. Il renferme des données sur 35 éléments, des cartes montrant la concentration de 27 éléments dans la cendre de brindilles de sapin baumier (Abies balsamea), et une carte de rendement de cendre, exprimé en pourcentage.*

*L'étude, qui s'est déroulée au début de l'été 1987, a été effectuée par la Commission géologique du Canada de concert avec le ministère des Mines et de l'Énergie de la Nouvelle-Écosse, dans le cadre de l'Entente Canada-Nouvelle-Écosse sur l'exploitation minière (1984-1989).*

*On connaît très bien la valeur, pour l'exploration, des études géochimiques de reconnaissance classiques puisque elle a été très bien vérifiée et documentée. Ces études consistent, par exemple, à prélever dans les lacs ou les ruisseaux des échantillons d'eau ou de sédiments. Cependant, on n'avait jamais tenté auparavant de déterminer la valeur, pour l'exploration, d'une vaste étude biogéochimique menée dans l'est du Canada. Les résultats de plusieurs études réalisées en Saskatchewan (p. ex., Dunn, 1983) ont toutefois montré que l'examen des variations régionales de la composition chimique des plantes pourrait s'avérer utile en exploration minière.*

*Contrairement aux autres sources échantillonnées au cours d'études géochimiques, les plantes ont besoin de certains éléments pour survivre. Par exemple, le métabolisme des plantes exige un certain apport de zinc: ainsi, il est bien plus probable que des variations minimales de la concentration de Zn d'une localité d'échantillonnage à une autre témoignent de l'état de santé des plantes plutôt que de changements importants dans la*



CAUTION: In light of the example of Zn, the reader is urged to treat the interpretation of the biogeochemical data with caution, and to take into consideration the text notes provided for each element. Biogeochemistry is a complex science involving the interaction of organic and inorganic processes that are controlled by a host of physicochemical parameters. Notwithstanding these complexities, careful and systematic collection and preparation of vegetation samples can provide cost-effective new insight, not readily obtainable by other means, to the chemistry of the substrate and its groundwaters.

*composition chimique du substratum. Toutefois, des écarts considérables dans les concentrations de Zn peuvent refléter la présence d'une minéralisation de Zn.*

ATTENTION À la lumière de l'exemple que l'on vient de donner, il convient d'inciter le lecteur à tenir compte des renseignements fournis au sujet de chaque éléments. Il reste que la biogéochimie est une science complexe où interagissent des processus organiques et inorganiques régis par une série de paramètres physico-chimiques. Néanmoins, la cueillette et la préparation soignée et systématique d'échantillons de plantes s'avère une manière nouvelle et rentable d'obtenir des renseignements sur la composition chimique du substratum et des eaux souterraines, renseignements que l'on peut difficilement se procurer autrement.

#### CREDITS

C.E.Dunn developed the methodology and directed the survey.

N.Richmond, R.M.P.Banville, and P.James acted as sub-party leaders.

Sample Collection: C.E.Dunn, N.Richmond, R.M.P.Banville, P.James, K. Kaiser, D. Wilkinson, K. Hattie and G. Dixon.

Sample Preparation: C.E.Dunn, N.Richmond, R.M.P.Banville, M.Coyne, and A. MacLaurin.

Data Management: R.M.P.Banville.

Computer Programming: S.W.Adcock developed a program to operate on a VAX computer for plotting the maps.

Map Production: S.W.Adcock and R.M.P.Banville.

Instrumental Neutron Activation Analysis: by contract to Activation Laboratories Ltd., Brantford, Ontario.

## SURVEY DESCRIPTION

Over a three week period, commencing late in May, 1987, samples were collected from 854 sites within a 5000 sq. km area of the Meguma terrain of eastern Nova Scotia. Over 250 of these sites comprised detailed surveys over zones of particular interest in the Beaver Dam area (Rogers et al., in prep.), leaving 593 sites as the regional component of the study. Data presented here are from the regional study only, giving a sample density of approximately 1 per 8 sq. km. Samples were collected at 2 km intervals along all driveable roads and tracks. Three 4-wheel-drive trucks were used, each with a crew of two. At each sample location a tree was selected that was at least 50 m from a highway, or 10 m from a little-used track.

A brief orientation survey of the area showed that the most common species is balsam fir (Abies balsamea). From previous work (Dunn, 1986a) it was known that this species can absorb gold and accumulate it in twigs, hence balsam fir twigs were selected as the prime sample medium. Red spruce (Picea rubens) twigs and shrub alder (Alnus crispa) twigs were collected at most sites for future study, since the additional time for collection was only a couple of minutes. Spruce bark was scraped from every fifth tree, and results from this medium are published in Dunn, 1988. The remainder of this Open File deals with balsam fir twig chemistry.

The chemistry of a twig varies along its length. This variation is attributable more to changes in the ratio of twig bark to twig wood than to annual differences in metal accumulations, because many metals concentrate in and immediately beneath the bark. Therefore, to smooth out these variations, twigs collected were of similar diameter and appearance, and as a secondary consideration, wherever possible a similar amount of growth was collected. At most sample sites a practical amount to collect in this environment proved to be the most recent five to seven

years of growth. Data on the number of years of growth collected at each location is recorded on the accompanying field data sheets. These differences do not have a significant bearing on the patterns of metal distribution that are portrayed on the maps.

There are seasonal variations in the chemistry of twigs. For that reason the survey was completed as quickly as possible. The chemistry of samples collected at one time of the year should not be compared with those obtained at another time without applying an appropriate normalizing factor. No accurate factor is yet available.

## SAMPLE COLLECTION, PREPARATION, AND ANALYSIS

At each sample location 200 - 250g of fresh twigs and needles were snipped from the branch 'leaders' using standard anvil-type garden pruning snips (Teflon coated). Usually, 4 or 5 twigs (5 - 7 years growth) gave sufficient material. Samples were placed in heavy duty brown paper hardware bags (approximately 25 x 35 cm) and fastened with masking tape. They were partially air-dried, then remaining moisture removed in a microwave oven.

When dry the needles separate easily from the twigs. Balsam fir, like other conifers, has higher concentrations of most elements in twigs than in needles. The needles were archived, and the yield of 30 - 40g of dry twig was placed in aluminum trays. The trays were placed in a pottery kiln, and the temperature slowly raised (over 2 - 3 hours) to 470°C. After a further 12 hours no charcoal remained, and the twigs were reduced to 0.5 - 1g of ash. All of the ash was accurately weighed and compacted into small polyethylene vials, suitable for instrumental neutron activation analysis (INAA), and submitted for a 35 element analysis. Appropriate standards and duplicates were inserted to ensure quality control. All the data presented in this report were obtained by INAA. The precision obtained varied from one element to the next and according to the concentration of element present. Most

samples contained concentrations of elements substantially higher than detection limits, thereby providing analytical precision of better than +/- 10 percent.

## GEOLOGY

### Bedrock and Mineralization

Most of the study area is underlain by turbidites (Goldenville Formation) and slates (Halifax Formation) of the Cambro-Ordovician Meguma Group. These were intruded by granitic rocks during the Acadian Orogeny (370 Ma), which gave rise to extensive folding and faulting, accompanied by regional greenschist to amphibolite grade metamorphism. A series of northeast trending anticlines form dome-like structures. Many of the numerous gold deposits in the region are associated with these domes, especially near large scale shear zones that exhibit silicic, carbonate and phyllic alteration (Kontak and Smith, 1988). Arsenopyrite is a common accessory mineral.

The transparent 1:500 000 geological overlay map provided in the pocket, and the 1:250 000 sample location map are digitized computer-plotted summaries derived from four sources: 1) Liscomb Complex, based on mapping by K. Ford (unpublished); 2) east of 62° 30', based on an unpublished map compiled recently by D. Keppie (NSDME); 3) the southwestern portion is taken from McMullin et al. (1986); and 4) the Cragish/Strathlorne boundary in the northwest is from Keppie (1979).

Many gold mineralization occurrences have been reported from the survey area. These are detailed on 1:100'000 scale maps produced by NSDME (McMullin et al., 1986). For the sake of clarity, only 'Gold Districts', as categorized by McMullin et al. (1986), are plotted on the 1:500 000 overlay, and on the 1:250 000 sample location and geology maps.

### Quaternary Deposits

The chemistry of trees is influenced partly by the bedrock, but primarily by the chemical composition of groundwaters and surficial deposits. Therefore, consideration of the physical and chemical nature of the glacial deposits is relevant to interpretation of the biogeochemical patterns. Ground moraines cover much of the area.

The Pleistocene geology of the survey area has been studied and mapped by Stea and Fowler (1979), and the broad patterns of glacial dispersion are summarized in Stea et al. (1988). The following summary is derived from these two studies, to which the reader is referred for further details.

Most of the area experienced two phases of ice movement, resulting in a glacial cover of, on average, 3 - 4 m. The first ice direction was toward the southeast, and deposited mainly silty tills. The second was southerly and deposited reddish clay-rich material known as the Lawrencetown Till (Grant, 1975). However, the latter till is present as only scattered occurrences over most of the study area, and is a 'hybrid' mixture of reddish clays and quartzitic silts.

South and east of Guysborough granitic rocks predominate (see 1:250 000 map), and the resultant granitic tills are thin. The western granites (e.g. Liscomb Game Sanctuary area), too, have a veneer of granite till. Between the granites there are deposits of quartzite till and slate till. Over much of the remainder of the survey area there is a cover of quartzite till and swarms of southeast-trending drumlins that are mostly 1 - 2 km in length and up to 25 m high. A few patches of 'hybrid' red quartzite are present, notably over an area in excess of 100 sq. km, centred approximately 15 km northwest of Liscomb Mills. Locally, glaciofluvial deposits occupy the valleys of the major rivers. Lawrencetown (clay-rich) and Upland (sandy) tills comprise the dominant cover of the Horton Group.

## ELEMENT DISTRIBUTION MAPS

### Map Production and Data Handling

The maps are all drawn using the Universal Transverse Mercator projection, with a central meridian of 63° (Zone 20). This projection is the same as that used for the 'Geological Map of the Province of Nova Scotia' (Keppie, 1979). Map plots in this Open File were produced by the APPMAP geochemical mapping software of the GSC. Computations were performed on a VAX minicomputer, with output to a Versatec 400 dpi electrostatic plotter. The approximate outline of the coast used in the 1:500 000 maps was digitized by staff of the NSDME.

The contouring algorithm divided the map area into 1.6 x 1.6 km squares in order to create a regular grid. If one square contained more than one value, the average was calculated. If a square contained no samples, a value was interpolated using a commercial software package ('UNIRAS'). The same software was used for contouring the data calculated for each grid cell. Areas more than three km from the nearest sample were left unshaded.

Element concentrations below analytical detection limits were reduced to 5/8 of the detection limit for data plotting and statistical calculations. Variable detection limits (due to analytical interferences or INAA counting procedures) for some elements caused some problems, since in a few cases reduction to 5/8 resulted in values which were still above the usual detection limit. In these cases, the values were reduced to below the usual detection limits. Tungsten values for sites 64 and 105 were adjusted to <1.0 ppm, and the uranium value for site 828 was adjusted to <0.2 ppm. For samples with duplicate analyses only the first (suffix 'x' in the data listings) was plotted.

### Transparent Overlay

A 1:500 000 scale transparent overlay is provided to help in locating individual samples (identified by sample

number on the folded 1:250 000 scale map), and relating their positions to bedrock geology, main communities, and all gold districts (McMullin et al., 1986).

### Ash

The map of ash yield from the twigs is presented because Russian workers (Chukhrov et al., 1979) have noted that high ash yield of plants can be related to areas of intensely weathered bedrock. If this association occurs in Nova Scotia there may be exploration significance to the patterns observed, since zones of alteration (often related to mineralization) are subject to relatively intense weathering.

### Gold

Gold is not known to be an essential element for plant growth. Consequently, patterns of Au distribution reflect zones of relative gold enrichment in soils, groundwaters and near surface rocks. Background levels of Au in ashed conifer twigs are commonly 5 - 10 ppb.

### Arsenic

This element is renowned for its toxicity, yet plants (especially Douglas-fir) can accumulate extraordinary amounts without exhibiting any visible harmful effects (Warren et al., 1964). Arsenic is an essential element for the metabolism of carbohydrates in fungi and algae. A few ppm As in fir twigs is to be expected. The abundance of samples with over 5 ppm As is a reflection of the high background levels of As in the Meguma Group. A noteworthy feature of the map is the common coincidence of high As with zones of Au enrichment.

### Barium

All samples yielded more than the INAA detection limit of 50 ppm Ba. A notable feature of the Ba map is the enrichment in Ba of samples from close to the margin of the Horton Group, in the northern part of the study area.

### Bromine

This is a volatile element, probably non-essential to terrestrial plants, which can be complexed within plants in many forms. Some complexes volatilize during the ashing process, causing losses of 30 - 90 percent of the Br contained within the plant tissues. However, it has been noted (Dunn, 1986b) that where there is gold mineralization there is sometimes enrichment of Br in plant ash. It seems that a stable Br compound is retained.

It was expected that Br enrichment would occur in those samples from close to the shore, due to the influence of the salt-spray from the sea. However, most high concentrations of Br occur several kilometres inland. It is probable that Br from the salt-spray volatilized during the ashing process, and that the zones of Br enrichment are related to local chemistry and physicochemical conditions.

### Calcium

Calcium is a major 'building block' element, essential for the rigidity of cell walls in most plants. The variations in Ca content of the twigs may influence the distribution of some trace elements.

### Cobalt

Traces of Co are required by some plants to assist in the fixation of major nutrients (e.g. N, S). One ppm Co in ash is all that is required by most plants, and conifer twigs commonly have up to 5 ppm Co. It has been noted (Dunn, 1986b) that some plants exhibit Co enrichment in the vicinities of gold mineralization in northern Saskatchewan.

### Chromium

Chromium is a non-essential element for which precise INAA data are obtained at low ppm levels. Concentrations are locally higher than the 10 - 20 ppm commonly found in conifer twig ash, especially in the east and in the vicinities of some of the major gold occurrences. Since

Cr enrichment (e.g. fuchsite) is characteristic of some gold deposits, the Cr distribution among the firs may reflect zones influenced by mineralizing fluids.

### Iron and Associated Elements (Hafnium, Scandium, the Rare Earth Elements [represented as maps by Lanthanum, Europium, and Ytterbium], and Tantalum)

Iron is essential for photosynthesis and is a major constituent of chlorophyll. It appears, too, that Fe strongly controls the distribution of Hf, Sc, REE and Ta, since this group of elements is commonly inter-related in plants. It is, however, noteworthy that Hf (and to a lesser extent Sc) has concentrations considerably higher than the common maximum of 1 ppm Hf in plant ash. Furthermore, it is unusual for any Ta concentrations to be above detection levels.

### Potassium, Rubidium and Caesium

These three elements have close geochemical affinities, but their paths diverge in vegetation. Potassium (not determined in all samples) is an essential and major element for plant growth. Concentrations in the ash of conifer twigs are commonly between 20 and 30 percent. There is an antagonism between K and Rb in plants (Kabata-Pendias and Pendias, 1984), causing different distribution patterns for the two elements in balsam fir. Note that K analyses were not obtained for all samples, hence the relatively large blank areas on the map. Caesium in plants has moderately close affinity to Rb, but the effects of the granites (especially in the east) give greater contrast for Cs.

### Molybdenum

Molybdenum in trace amounts is required for nitrogen fixation and nitrate reduction. INAA data for Mo in the low ppm range have poor precision, and balsam fir has a low tendency to concentrate Mo in its twigs. For these reasons there is little significance in the many small anomalies shown on the Mo map.

### Sodium

The effects of salt-spray from the sea are evident on the Na map, since most of the high Na concentrations occur in trees from sites near the shore.

### Nickel

This element is essential for assisting in the translocation of nitrogen in some plants, but its general essentiality is unproven. It occurs in some porphyrins. INAA has low sensitivity to Ni (detection limit of 50 ppm Ni), hence it is detectable in only a few samples, most of which come from the Horton Group.

### Antimony

Excellent precision is obtained for traces of Sb by INAA, so that variations in the sub-ppm concentrations are real, and not an artifact of the analytical technique. Antimony, however, is not significantly enriched in any of the balsam fir samples, and it is a non-essential element for plant health.

### Selenium

Traces of Se are essential for some plants and for human health. The detection level for Se by INAA varies, according to the time lapse between sample irradiation and signal counting, because of the short half-life of the isotope measured. As a result the data listings show variable detection limits which, for computational and map plotting purposes, have been assigned values of less than 2 ppm Se.

### Strontium

INAA has poor sensitivity to traces of Sr, and analytical precision is worse than for most other elements considered in this study. However, Sr concentrations are significantly above detection limits in over 80 percent of the samples, such that the areas of Sr enrichment depict significant regional variations.

### Tungsten

The detection limit for W by INAA varies according to the matrix composition of the sample, and the time that elapses between sample irradiation and isotope counting. Usually a concentration of 1 ppm W can be detected, so that the clusters of samples showing 2 ppm W and greater in the western part of the map are considered to reflect a regional trend of W enrichment. No plant requirement for W is known.

### Thorium and Uranium

Neither element is essential for plant growth. INAA provides data of excellent reproducibility at sub-ppm levels. The similar patterns of the two maps show that, as in other geological media, they maintain a close association in the Plant Kingdom.

### Zinc

Since Zn is essential for carbohydrate and protein metabolism, differences of a few 100 ppm Zn in balsam fir ash are probably attributable to the health of the tree rather than subtle changes in substrate chemistry. However, the Zn map shows a range in concentration of over 4000 ppm Zn; therefore, the regional pattern of Zn distribution is reflecting broad differences across the area.

### Other Elements

Data listings include values for a few additional elements. Most of these are the rare-earths (cerium, neodymium, samarium, terbium and lutetium), which closely follow the three rare-earths (lanthanum, europium and ytterbium) for which maps are presented.

Each sample was scanned for silver, iridium and mercury. No sample yielded more than the detection level for Ag of 2 ppm. All Ir analyses showed concentrations of less than 2 ppb, indicating no obvious platinum-group elements in the area. All Hg analyses showed less than 1 ppm, suggesting that there are no strong associations of Hg

with mineralization: although most Hg volatilizes during ashing of the twigs, it has been shown that there is sometimes residual Hg in plant ash (in the form of a carbide) in the vicinities of some mineral deposits (Kovalevskii, 1986).

#### NOTES ON THE BIOGEOCHEMICAL DATA LISTINGS (APPENDICES A and B)

Appendix A lists salient field data and all analytical data obtained for the balsam fir twig ash. Appendix B provides some simple statistical analysis of the data by treating the data set as a whole, and by dividing the data according to the underlying bedrock geology (according to stratigraphic formation for the sediments, or lithology for intrusions). Abbreviations used in the appendices are explained in Table 1.

#### ACKNOWLEDGEMENTS

The co-operation, assistance (especially summer field assistants), and advice provided by personnel of the Nova Scotia Dept. of Mines and Energy (NSDME) are greatly appreciated. In particular we thank P.J. Rogers (NSDME) for his active support throughout this study, and staff of Seabright Resources for information on, and access to, the Beaver Dam and Forest Hill areas. We thank K. Ford (GSC), P. Giles (NSDME), and D. Keppie (NSDME) for permission to use their unpublished maps for compiling our geological base maps.

This open file is modelled after the style of National Geochemical Reconnaissance Open File series produced by the GSC under the guidance of E.H.W. Hornbrook and P.W.B. Friske. We thank them for their advice on the production of this publication, and many GSC staff members for providing us with information to assist in this study.

#### REFERENCES

- Chukhrov, F.V., Churikov, V.S., Ermilova, L.P., and Kalentchuk, G.E., 1979. Background levels of copper and zinc in common plants from various regions of the Soviet Union. *J. Geochem. Explor.*, 12: 79-86.
- Dunn, C.E., 1983. Uranium biogeochemistry of the NEA/IAEA Athabasca test area. In: *Uranium Exploration in Athabasca Basin, Saskatchewan, Canada* (Ed. E.M. Cameron). *Geol. Surv. Can.*, Paper 82-11: 127-132.
- Dunn, C.E., 1986a. Biogeochemistry as an aid to exploration for gold, platinum and palladium in the northern forests of Saskatchewan, Canada. *J. Geochem. Explor.*, 25: 21-40.
- Dunn, C.E., 1986b. Gold exploration in northern Saskatchewan by biogeochemical methods. *Can. Inst. Mining, Spec. Vol.* 38: 418-434.
- Dunn, C.E., 1988. Reconnaissance level biogeochemical surveys for gold in Canada. In: *Prospecting in Areas of Glaciated Terrain - 1988* (Eds. D.R. MacDonald and K.A. Mills). *Can. Inst. Mining, Geology Division, Halifax, N.S.*: 433-438.
- Grant, D.R., 1975. Glacial style and the Quaternary stratigraphic record in the Atlantic Provinces, Canada. *Rep. of Activities, Part B; Geol. Surv. Canada, Paper* 75-1B: 109-110.
- Kabata-Pendias, A., and Pendias, H., 1984. *Trace Elements in Soils and Plants*. CRC Press, Inc., Boca Raton, Florida, pp. 315.
- Keppie, J.D., 1979. Geological map of the Province of Nova Scotia, Nova Scotia Dept. Mines and Energy, Published Map, scale 1:500 000.



- Kontak, D.J., and Smith, P.K., 1988. Meguma gold studies; the emergence of a significant gold province in eastern Canada. Paper presented at the Annual Meeting of the Prospectors and Developers Association of Canada, March, 1988. Nova Scotia Dept. Mines and Energy: 7pp.
- Kovalevskii, A.L., 1986. Mercury-biogeochemical prospecting for mineral deposits. Biogeochemistry, Vol. 2: 211-220.
- McMullin, J., Richardson, G., and Goodwin, T., 1986. Gold Compilation of the Meguma Terrane in Nova Scotia (Preliminary Series of 1:100 000 scale maps). Nova Scotia Dept. Mines and Energy, Open File Maps OFM 86-054, 86-055, 86-056.
- Rogers, P.J., Coker, W.B., and Dunn, C.E., in preparation. Geochemical signatures of gold mineralization in surficial materials, eastern Nova Scotia, Canada.
- Stea, R.R., and Fowler, J.H., 1979. Minor and trace element variations in Wisconsinan tills, eastern shore region, Nova Scotia. Nova Scotia Dept. Mines and Energy, Paper 79-4: 31 pp and 3 maps.
- Stea, R.R., Turner, R.G., Finck, P.W., and Graves, R.M., 1988. Glacial dispersion in Nova Scotia: a zonal concept. In: Prospecting in Areas of Glaciated Terrain - 1988 (Eds. D. R. MacDonald and K. A. Mills). Can. Inst. Mining, Geology Division, Halifax, N.S: 57-80.
- Warren, H.V., Delavault, R.R., and Barakso, J., 1964. The role of arsenic as a pathfinder in biogeochemical prospecting. Econ. Geol., 59: 1381-1389.

**TABLE 1: EXPLANATION OF ABBREVIATIONS USED IN APPENDICES**

MAP	National topographic system (NTS): First three characters refer to 1:250,000 scale quadrangle; remaining two characters identify the 1:50,000 scale map sheet within the quadrangle.
SAMPLE ID	First two digits refer to the year the survey was conducted; the next four comprise the sample number. An alphabetic suffix (x or y) indicates a duplicate sample.
ZONE and UTM	The Universal Transverse Mercator (UTM) zone followed by easting and northing co-ordinates (in metres).
ROCK TYPE	Observed or predicted underlying bedrock lithology:  ECS – Carboniferous: Strathmore Formation ECCN – Carboniferous: Craignish Formation DC – Devonian-Carboniferous, undifferentiated DCg – Devonian-Carboniferous granitoids ?DCgb – Gabbro: possibly Devonian-Carboniferous COH – Cambrian-Ordovician: Halifax Formation COG – Cambrian-Ordovician: Goldenville Formation ?COmm – Metamorphic rocks: possibly Cambrian-Ordovician
SAMPLE TYPE	All are balsam fir twigs.
YEARS OF GROWTH	Number of years of twig growth collected ( <i>i.e.</i> , '5' equals the most recent five years of growth).
SLOPE	0 = flat ground 1 = slight incline followed by downward compass direction ( <i>e.g.</i> , 1E = slight downward incline to the east) 2 = moderate incline 3 = steep incline
FOREST TYPE	Type of forest cover and degree of groundwater saturation
IN APPENDIX B:	N = number of samples Cum = cumulative frequency d.l. = detection limit

# **APPENDIX A**

## **DATA LISTINGS (FIELD AND ANALYTICAL)**

Abbreviations are explained in Table 1 (p. 10)

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F05	870001	20	582231	5016350	ECN	Balsam Fir Twig	5	0	Damp Dense Woodland
11F05	870002	20	582542	5014607	ECN	Balsam Fir Twig	10	0	Damp Dense Woodland
11F05	870003	20	599126	5023285	ECN	Balsam Fir Twig	8	1N	Dry Medium Woodland
11F05	870004	20	599180	5024792	DC	Balsam Fir Twig	10	0	Wet Medium Woodland
11F05	870005	20	601275	5024003	ECN	Balsam Fir Twig	10	0	Wet Medium Woodland
11F05	870006x	20	603237	5022834	ECN	Balsam Fir Twig	8	2E	Damp Dense Woodland
11F05	870006y	20	603237	5022834	ECN	Balsam Fir Twig	8	2E	Damp Dense Woodland
11F05	870007	20	604952	5022194	COG	Balsam Fir Twig	10	1N	Dry Dense Woodland
11F05	870008	20	607006	5022292	ECN	Balsam Fir Twig	7	2S	Damp Medium Woodland
11F05	870009	20	605155	5024210	DC	Balsam Fir Twig	5	0	Damp Medium Woodland
11F05	870010	20	603658	5024900	DC	Balsam Fir Twig	5	0	Dry Dense Woodland
11F05	870011	20	603158	5021300	COG	Balsam Fir Twig	7	1E	Dry Dense Woodland
11E01	870012	20	578559	4999276	COG	Balsam Fir Twig	6	3S	Dry Medium Woodland
11E01	870013	20	578263	4998403	COG	Balsam Fir Twig	6	2N	Dry Dense Woodland
11E01	870014	20	578086	4997821	COG	Balsam Fir Twig	7	2N	Dry Dense Woodland
11F05	870019	20	589304	5015980	ECN	Balsam Fir Twig	6	0	Dry Dense Woodland
11F05	870020	20	589643	5017626	ECN	Balsam Fir Twig	6	0	Dry Open Woodland
11F05	870021	20	590989	5018902	ECN	Balsam Fir Twig	6	2E	Dry Medium Woodland
11F05	870023	20	592144	5021361	ECN	Balsam Fir Twig	5	1E	Dry Medium Woodland
11F05	870024	20	593379	5023110	ECN	Balsam Fir Twig	6	0	Wet Medium Woodland
11F05	870025	20	594752	5020809	ECN	Balsam Fir Twig	6	1N	Dry Open Logged
11F05	870026	20	596898	5021962	ECN	Balsam Fir Twig	5	2N	Wet Medium Woodland
11F05	870027	20	596074	5018953	COG	Balsam Fir Twig	6	1S	Dry Dense Woodland
11F05	870028	20	596585	5018647	COG	Balsam Fir Twig	7	0	Damp Dense Woodland
11F05	870029	20	596725	5018153	COG	Balsam Fir Twig	7	3E	Dry Dense Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F05 870001	2.16	19	2.4	2100	29	19.8	3	18	0.9	0.21	0.6	21.9	<2	3060	<50	180	0.6	0.6	<2	1000	<0.5	<0.20	<0.4	<1	1600	2.5	6	<5	0.3	<0.08	<0.5	0.21	<0.05
11F05 870002	1.95	10	1.7	1700	25	15.7	4	49	1.9	0.35	0.7	22.1	<2	2190	<50	240	0.5	0.8	<2	660	<0.5	0.60	<0.4	<1	2200	3.7	8	<5	0.6	<0.08	<0.5	<0.10	<0.05
11F05 870003	1.84	11	2.5	820	10	16.1	5	20	2.9	0.35	0.9	20.9	<2	2270	73	460	0.3	0.8	<2	1200	<0.5	0.40	<0.4	<1	2800	4.0	8	9	0.6	0.15	<0.5	0.40	<0.05
11F05 870004	2.35	12	4.7	1300	19	15.2	8	53	1.2	1.37	2.6	17.2	<2	4330	<50	130	0.6	3.8	<2	500	<0.5	2.30	<0.4	<1	1700	16.0	34	19	2.9	0.48	<0.5	1.15	0.23
11F05 870005	2.27	12	3.2	3900	28	18.5	3	24	1.2	0.77	2.5	19.0	<2	3320	<50	120	0.5	2.0	<2	930	<0.5	1.70	<0.4	<1	1600	10.0	18	13	1.8	0.33	<0.5	0.85	0.11
11F05 870006x	2.30	8	2.1	1800	26	19.5	4	40	1.3	0.27	0.7	16.6	4	1830	<50	140	0.3	0.8	<2	1300	<0.5	0.29	<0.3	<1	1600	2.9	4	<5	0.4	0.18	<0.5	0.18	<0.05
11F05 870006y	2.30	13	2.6	1800	29	20.3	5	71	1.4	0.29	<0.5	16.8	4	1820	<50	170	0.4	0.8	<2	880	<0.5	<0.17	<0.3	<1	1700	2.8	4	<5	0.4	<0.08	<0.5	0.21	<0.05
11F05 870007	2.69	7	3.2	1500	19	13.2	5	34	6.3	0.87	2.4	16.7	3	4270	<50	260	0.5	2.3	<2	710	<0.5	1.70	<0.3	<1	2400	11.0	20	7	2.0	0.41	<0.5	0.85	0.13
11F05 870008	3.34	12	4.3	750	16	11.0	8	50	2.0	1.31	2.6	14.7	<2	5690	<50	210	0.4	3.8	<2	580	<0.5	2.80	0.4	<1	1000	19.0	32	16	3.0	0.51	<0.5	1.27	0.22
11F05 870009	2.24	7	2.8	1900	14	14.9	3	33	0.9	0.59	1.2	14.6	<2	3040	<50	140	0.4	1.7	<2	490	<0.5	1.20	<0.3	<1	2000	7.5	13	11	1.1	0.29	<0.5	0.47	<0.05
11F05 870010	2.27	13	1.2	1400	110	14.1	8	41	<0.5	0.20	<0.5	24.7	<2	1010	<50	250	0.3	0.5	<3	770	<0.5	<0.16	0.4	<1	1700	2.0	4	<5	0.3	<0.07	<0.5	0.25	<0.05
11F05 870011	1.65	17	2.9	1800	24	19.3	4	78	14.0	0.36	<0.5	11.2	4	1880	<50	290	1.0	1.0	<4	720	<0.5	0.65	<0.4	<1	3500	3.5	6	<5	0.6	<0.10	<0.5	<0.12	<0.05
11E01 870012	2.06	9	3.8	1900	11	12.9	7	47	<0.5	0.25	0.7	23.1	<2	2410	<50	200	0.3	0.7	<3	910	<0.5	0.36	<0.3	<1	2600	3.6	6	<5	0.4	<0.08	<0.5	0.25	<0.05
11E01 870013	1.67	13	3.7	850	21	16.8	4	40	<0.5	0.20	<0.5	21.0	<2	2310	<50	240	0.4	0.5	<3	1100	<0.5	<0.15	<0.3	<1	2200	1.6	4	<5	0.2	<0.08	<0.5	0.15	<0.05
11E01 870014	1.95	7	3.5	1200	16	17.6	3	40	1.0	0.16	<0.5	20.0	<2	1340	<50	210	0.3	0.4	<3	1200	<0.5	<0.14	<0.3	<1	1900	1.7	<3	<5	0.3	<0.08	<0.5	<0.08	<0.05
11F05 870019	1.95	8	1.8	660	19	10.3	4	38	3.2	0.19	0.7	26.8	<2	1480	<50	380	0.3	0.4	<2	730	<0.5	<0.14	<0.3	<1	2300	1.4	<3	<5	0.2	<0.07	<0.5	<0.08	<0.05
11F05 870020	3.29	<5	2.2	1700	12	17.5	5	36	1.4	0.50	1.3	15.1	<2	1610	<50	49	0.3	1.4	<2	640	<0.5	1.10	<0.3	<1	2400	5.7	11	<5	0.9	0.16	<0.5	0.48	0.10
11F05 870021	2.31	11	5.4	1700	18	12.3	7	41	1.7	1.05	3.4	16.9	5	3380	<50	150	0.6	3.2	<3	380	<0.5	2.60	1.0	<1	1500	15.0	29	9	2.5	0.44	0.7	1.28	0.23
11F05 870023	2.11	9	1.9	1900	17	13.7	5	44	2.2	0.19	<0.5	22.3	3	1390	<50	250	0.3	0.4	<3	710	<0.5	<0.12	<0.3	<1	2600	2.1	<3	<5	0.3	<0.07	<0.5	0.15	<0.05
11F05 870024	1.93	5	1.4	1500	17	17.4	8	42	3.8	0.20	0.6	22.2	<2	1660	<50	330	0.3	0.5	<2	1100	<0.5	<0.13	<0.3	<1	1400	2.1	5	<5	0.3	<0.07	<0.5	0.17	<0.05
11F05 870025	1.92	8	2.7	1300	17	14.1	4	38	1.0	0.39	1.4	23.6	<2	2590	<50	190	0.4	1.2	<2	810	<0.5	0.98	0.4	<1	2200	5.3	12	<5	0.8	0.19	<0.5	0.35	<0.05
11F05 870026	2.05	5	1.6	860	14	13.5	3	33	0.5	0.26	<0.5	26.2	<2	2200	60	160	0.3	0.7	<2	260	<0.5	0.35	<0.3	<1	3200	2.8	7	<5	0.4	<0.06	<0.5	0.28	<0.05
11F05 870027	2.22	10	8.7	460	30	9.4	6	38	15.0	0.88	2.9	21.4	3	4160	<50	420	0.6	2.6	<2	400	<0.5	2.50	1.0	<1	2000	13.0	26	14	2.3	0.50	<0.5	1.03	0.16
11F05 870028	2.63	15	5.4	1500	23	14.7	4	44	3.6	0.52	1.6	17.5	<2	2710	<50	280	0.7	1.4	<2	930	0.5	1.10	0.6	<1	1400	6.4	15	8	1.1	<0.07	<0.5	0.54	0.08
11F05 870029	1.94	6	17.0	600	23	13.1	5	33	10.0	0.41	<0.5	21.6	<2	3300	<50	470	0.4	1.1	<2	770	<0.5	0.65	<0.3	<1	2600	4.7	7	8	0.8	<0.07	<0.5	0.42	0.08

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F05	870030x	20	597263	5017653	CO <sub>G</sub>	Balsam Fir Twig	6	1E	Damp Medium Woodland
11F05	870030y	20	597263	5017653	CO <sub>G</sub>	Balsam Fir Twig	6	1E	Damp Medium Woodland
11F05	870031	20	599527	5017516	CO <sub>G</sub>	Balsam Fir Twig	7	1W	Damp Medium Bog
11F05	870032	20	599079	5017536	CO <sub>G</sub>	Balsam Fir Twig	7	1N	Damp Dense Woodland
11F05	870033	20	598755	5017550	CO <sub>G</sub>	Balsam Fir Twig	6	1N	Dry Dense Woodland
11F05	870034	20	598475	5017556	CO <sub>G</sub>	Balsam Fir Twig	6	1N	Dry Dense Woodland
11F05	870035	20	597991	5017712	CO <sub>G</sub>	Balsam Fir Twig	7	1E	Dry Dense Woodland
11F05	870036	20	597701	5017771	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Dense Woodland
11F04	870037	20	595547	5010604	DC <sub>g</sub>	Balsam Fir Twig	6	1S	Damp Dense Woodland
11F04	870038	20	597573	5009391	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11F04	870039	20	599419	5008270	CO <sub>G</sub>	Balsam Fir Twig	7	0	Wet Medium Woodland
11F04	870040	20	601165	5007414	CO <sub>G</sub>	Balsam Fir Twig	7	0	Wet Dense Woodland
11F04	870043	20	605471	5002407	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Dry Medium Woodland
11F04	870045	20	602293	5004013	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Damp Open Woodland
11F04	870046	20	619218	5023881	DC	Balsam Fir Twig	5	3E	Dry Dense Woodland
11F06	870047	20	617918	5022931	DC	Balsam Fir Twig	6	1E	Dry Dense Woodland
11F06	870048	20	618807	5020357	CO <sub>H</sub>	Balsam Fir Twig	6	1N	Dry Medium Woodland
11F06	870050	20	623567	5022472	CO <sub>G</sub>	Balsam Fir Twig	5	3N	Dry Medium Woodland
11F06	870051x	20	625744	5022652	CO <sub>G</sub>	Balsam Fir Twig	5	3N	Dry Medium Woodland
11F06	870051y	20	625744	5022652	CO <sub>G</sub>	Balsam Fir Twig	5	3N	Dry Medium Woodland
11F06	870052	20	628251	5022402	CO <sub>G</sub>	Balsam Fir Twig	6	2N	Dry Medium Woodland
11F06	870053	20	630261	5022852	CO <sub>G</sub>	Balsam Fir Twig	6	1N	Damp Medium Woodland
11F06	870055	20	634857	5021888	CO <sub>G</sub>	Balsam Fir Twig	5	1N	Dry Dense Woodland
11F06	870056	20	637191	5022450	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Dense Woodland
11F06	870057	20	639454	5022448	CO <sub>H</sub>	Balsam Fir Twig	6	0	Damp Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F05 870030x	2.50	5	15.0	910	16	15.0	23	53	30.0	0.52	1.9	19.1	<2	2870	<50	580	0.8	1.5	<2	570	<0.5	1.20	0.8	<1	2600	7.5	14	10	1.2	<0.09	<0.5	0.58	0.09
11F05 870030y	2.50	<5	14.0	950	18	15.0	25	63	31.0	0.58	1.8	19.4	<3	3310	54	660	0.8	1.6	<2	670	<0.5	1.50	<0.4	<1	2800	8.0	17	15	1.3	<0.10	<0.5	0.71	0.11
11F05 870031	2.03	7	2.7	660	24	17.8	2	53	11.0	0.31	<0.5	19.7	<2	2100	<50	330	0.7	0.8	<2	1100	<0.5	0.30	<0.3	<1	2700	3.1	7	<5	0.5	<0.07	<0.5	0.19	0.07
11F05 870032	2.01	12	3.2	920	27	16.5	3	35	7.3	0.23	<0.5	23.5	<2	2340	<50	270	0.4	0.6	<2	780	<0.5	0.36	<0.3	<1	2200	2.3	5	<5	0.4	<0.07	<0.5	0.26	<0.05
11F05 870033	1.97	9	5.4	720	18	11.0	3	33	93.0	0.27	<0.5	28.2	<2	2470	<50	620	1.6	0.7	<2	1100	<0.5	0.28	0.4	<1	1800	2.9	7	<5	0.4	<0.07	<0.5	0.33	<0.05
11F05 870034	2.03	12	17.0	1000	29	16.3	7	39	5.1	0.49	1.5	16.2	<2	4370	<50	240	0.6	1.5	<2	1200	<0.5	2.00	<0.3	3	1600	9.7	19	15	1.6	0.35	<0.5	0.65	0.13
11F05 870035	2.25	14	22.0	380	50	8.4	5	46	7.0	0.59	1.9	24.8	<2	7010	<50	240	0.8	1.8	<2	600	<0.5	1.80	<0.3	<1	1800	9.8	20	<5	1.6	0.29	<0.5	0.73	0.10
11F05 870036	2.25	60	68.0	750	14	12.3	4	36	12.0	0.64	2.3	20.5	<2	4370	<50	420	0.8	1.9	<2	860	<0.5	2.20	0.6	<1	2100	13.0	22	11	2.0	0.38	<0.5	0.79	0.10
11F04 870037	1.81	7	2.5	1100	17	13.6	6	51	8.3	0.22	0.5	25.3	<2	1470	<50	510	0.4	0.6	<3	430	<0.5	<0.15	<0.3	<1	2000	2.0	3	<5	0.3	<0.08	<0.5	0.18	0.06
11F04 870038	1.78	<5	1.8	1700	25	12.8	6	36	10.0	0.25	<0.5	24.8	<2	2840	<50	530	0.4	0.5	<3	480	<0.5	<0.13	<0.3	<1	3000	2.1	5	<5	0.3	<0.08	<0.5	0.15	<0.05
11F04 870039	2.33	<5	2.0	630	16	20.1	2	42	4.4	0.25	<0.5	17.4	<2	2010	<50	260	0.5	0.7	<2	1200	<0.5	0.46	<0.3	<1	1400	3.0	5	<5	0.5	0.14	<0.5	0.21	<0.05
11F04 870040	2.13	<5	1.6	1600	28	16.1	3	31	12.0	0.25	<0.5	22.0	<2	6990	<50	330	0.5	0.7	<2	1400	<0.5	0.41	<0.3	2	1700	3.3	7	<5	0.5	<0.06	<0.5	0.20	<0.05
11F04 870043	2.01	21	2.6	1100	15	16.8	2	35	19.0	0.16	<0.5	19.6	4	3570	<50	330	0.5	0.4	<2	1500	<0.5	<0.12	<0.3	<1	2300	1.5	5	<5	0.2	<0.06	<0.5	0.20	<0.05
11F04 870045	2.33	10	2.1	970	32	20.8	5	31	3.3	0.25	<0.5	19.1	<2	4700	<50	260	0.5	0.6	<3	890	0.8	0.34	<0.3	<1	2000	3.4	7	<5	0.5	0.17	<0.5	0.20	<0.05
11F04 870046	2.19	21	3.5	3500	17	14.6	7	44	6.2	0.66	2.0	18.0	<2	7880	<50	370	0.6	1.9	<3	810	<0.5	1.50	<0.3	<1	2700	8.1	16	8	1.3	0.32	<0.5	0.68	0.11
11F06 870047	1.82	41	2.4	2200	21	17.0	3	48	2.1	0.40	1.0	19.9	<2	4570	<50	230	0.6	1.2	4	760	0.9	0.79	<0.4	<1	3000	6.9	11	<5	0.8	0.26	<0.5	0.41	<0.05
11F06 870048	1.68	13	4.1	610	23	13.6	3	71	10.0	0.40	0.6	27.2	<2	2040	<50	500	0.6	0.9	<4	950	<0.5	0.60	<0.4	<1	2500	3.7	8	9	0.6	<0.09	<0.5	0.24	<0.05
11F06 870050	2.15	15	4.6	1200	17	10.4	5	42	14.0	0.63	1.8	26.5	<2	5430	<50	600	0.6	1.8	<3	750	<0.5	1.20	0.4	2	3200	8.0	16	<5	1.3	0.30	<0.5	0.60	0.11
11F06 870051x	2.35	14	3.3	530	22	11.8	3	58	15.0	0.30	<0.5	30.1	<3	8520	<50	430	0.6	0.8	<2	880	<0.5	<0.20	<0.4	<1	1600	2.8	7	<5	0.4	<0.10	<0.5	<0.11	<0.05
11F06 870051y	2.35	8	2.5	480	21	11.1	3	36	15.0	0.30	<0.5	29.2	<3	8770	<50	450	0.5	0.8	<2	1100	<0.5	<0.19	<0.4	<1	1700	2.6	7	<5	0.3	0.24	<0.5	0.21	<0.05
11F06 870052	1.88	10	3.8	1200	20	14.1	9	39	3.4	0.28	<0.5	23.8	<2	4470	<50	310	0.5	0.7	<2	1000	<0.5	0.32	<0.3	<1	2500	3.1	6	<5	0.4	<0.08	<0.5	0.30	<0.05
11F06 870053	2.34	9	3.2	1500	27	12.3	8	36	2.8	0.39	0.6	27.7	<2	7720	<50	180	0.5	1.0	<2	1300	<0.5	0.62	<0.3	2	1200	4.3	9	<5	0.7	0.18	<0.5	0.43	0.07
11F06 870055	2.03	12	3.0	1500	22	14.5	5	38	5.1	0.34	0.8	21.1	3	5280	<50	270	0.7	0.9	<2	1300	<0.5	0.46	<0.3	<1	2700	3.9	7	<5	0.6	0.16	<0.5	0.30	<0.05
11F06 870056	2.31	16	4.8	1100	53	12.6	4	44	6.3	0.58	1.4	20.6	<2	5570	<50	330	0.5	1.7	<3	1400	<0.5	1.30	0.5	<1	1700	7.7	15	11	1.3	0.29	<0.5	0.63	<0.05
11F06 870057	2.34	10	4.0	540	20	14.9	2	30	2.5	0.48	1.1	20.1	<2	4590	<50	170	0.5	1.4	<3	1000	<0.5	0.70	0.5	<1	2500	5.5	12	6	0.9	<0.07	<0.5	0.35	<0.05



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F06	870058	20	641607	5021993	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Damp Dense Woodland
11F06	870059	20	643323	5021531	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Dry Medium Woodland
11F06	870060	20	645483	5021342	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Damp Open Woodland
11F06	870061	20	647590	5021806	CO <sub>G</sub>	Balsam Fir Twig	5	1S	Dry Open Woodland
11F06	870062	20	650393	5021577	DC <sub>G</sub>	Balsam Fir Twig	5	1W	Dry Dense Woodland
11F06	870063	20	652201	5021022	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Dense Woodland
11F06	870064	20	654083	5020575	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Open Woodland
11F06	870065	20	658883	5020775	DC <sub>G</sub>	Balsam Fir Twig	6	1N	Dry Dense Woodland
11F06	870066x	20	654958	5022884	DC <sub>G</sub>	Balsam Fir Twig	5	0	Dry Dense Woodland
11F06	870066y	20	654958	5022884	DC <sub>G</sub>	Balsam Fir Twig	5	0	Dry Dense Woodland
11F06	870067	20	652806	5018665	CO <sub>H</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11F06	870070	20	643135	5019684	CO <sub>G</sub>	Balsam Fir Twig	7	0	Dry Dense Woodland
11F06	870071	20	642823	5017309	CO <sub>H</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11F03	870075	20	642496	5009453	DC <sub>G</sub>	Balsam Fir Twig	6	1S	Dry Open Woodland
11F06	870077	20	637824	5013170	CO <sub>H</sub>	Balsam Fir Twig	5	1N	Dry Open Woodland
11F06	870079	20	635640	5014139	DC <sub>G</sub>	Balsam Fir Twig	6	2S	Dry Open Woodland
11F06	870080	20	635986	5015143	DC <sub>G</sub>	Balsam Fir Twig	5	1S	Damp Open Woodland
11F06	870081	20	633236	5012889	CO <sub>H</sub>	Balsam Fir Twig	6	2S	Dry Medium Woodland
11F03	870083	20	629457	5011205	CO <sub>H</sub>	Balsam Fir Twig	6	1S	Dry Open Woodland
11F03	870084	20	628322	5009807	CO <sub>H</sub>	Balsam Fir Twig	5	1E	Dry Medium Woodland
11F03	870085	20	626841	5007458	CO <sub>H</sub>	Balsam Fir Twig	5	0	Dry Open Woodland
11F04	870089	20	618593	5009154	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Dry Medium Woodland
11F04	870090	20	616593	5009954	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Dry Medium Woodland
11E01	870091	20	577783	4984645	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Dry Medium Woodland
11E01	870095	20	568912	4983409	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F06 870058	1.65	16	2.1	1700	17	16.2	6	49	2.1	0.26	0.7	22.1	<2	3050	<50	170	0.5	0.7	<3	2200	<0.5	0.41	<0.3	<1	2600	3.1	5	<5	0.4	<0.08	<0.5	0.25	<0.05
11F06 870059	2.07	9	3.2	1100	23	15.7	2	33	2.4	0.29	0.7	22.3	<2	3350	54	180	0.5	0.7	<3	1100	<0.5	0.38	<0.3	<1	2600	3.1	7	<5	0.5	<0.06	<0.5	0.29	<0.05
11F06 870060	2.45	10	3.2	870	22	18.1	5	32	1.0	0.32	<0.5	23.7	<2	3180	<50	170	0.5	0.8	<2	360	<0.5	0.35	<0.3	<1	1700	3.7	7	<5	0.6	<0.07	<0.5	0.29	<0.05
11F06 870061	1.81	9	2.9	2000	22	12.4	8	45	1.5	0.39	1.1	26.6	4	4430	<50	250	0.6	0.8	<3	1200	<0.5	0.38	<0.3	<1	2800	4.1	8	<5	0.6	<0.07	<0.5	0.30	<0.05
11F06 870062	2.21	13	2.9	950	22	13.6	11	51	2.2	0.56	1.1	21.4	<2	5960	<50	280	0.7	1.4	<3	980	<0.5	1.40	<0.3	4	2200	6.8	16	8	1.1	0.25	<0.5	0.55	<0.05
11F06 870063	2.52	12	3.3	1700	18	16.0	8	45	2.1	0.50	1.3	21.2	4	6900	<50	140	0.6	1.2	<3	400	<0.5	0.93	<0.3	2	2900	6.4	12	8	1.0	0.26	<0.5	0.49	0.07
11F06 870064	2.85	10	<1.5	440	17	21.9	2	9	1.3	0.24	<0.5		<2	2560	<50	126	0.4	0.5	<2	760	<0.5	<0.50	<0.2	<4	990	2.9	4	8	0.3	<0.20	<0.5	0.20	<0.05
11F06 870065	2.65	6	2.6	440	22	10.2	5	36	3.3	0.90	4.0	20.5	4	9400	<50	180	0.4	2.8	<3	530	0.7	2.90	1.4	<1	1500	14.0	27	11	2.4	0.47	<0.5	1.32	0.17
11F06 870066x	3.43	7	<3.4	1000	16	8.2	9	34	3.3	1.74	4.8		<3	6700	<50	189	0.7	5.9	<2	280	1.1	5.10	<0.3	<7	1200	31.0	62	39	5.1	1.00	0.8	2.50	0.36
11F06 870066y	3.43	<5	<3.2	780	16	7.5	8	32	2.8	1.64	4.6		<3	6330	<50	189	0.7	5.5	<2	<170	0.6	4.60	<0.3	<7	1100	30.0	56	32	4.6	1.10	0.8	2.68	0.31
11F06 870067	2.13	6	4.8	440	24	16.9	5	36	2.8	0.30	<0.5		<2	4460	<50	200	0.4	0.7	<2	800	<0.5	0.50	<0.2	<4	1800	3.5	6	5	0.4	<0.20	<0.5	0.28	<0.05
11F06 870070	2.23	7	<2.0	480	38	19.7	4	12	3.8	0.33	<0.5		<2	4670	<50	158	0.8	0.8	<2	740	<0.5	0.50	<0.2	<5	2200	3.6	5	<5	0.4	<0.20	<0.5	0.46	<0.05
11F06 870071	1.84	7	<2.7	1200	36	15.0	21	36	3.1	0.32	0.8		4	9590	55	378	0.5	0.7	<2	1500	<0.5	0.80	<0.3	<6	2200	4.1	6	<5	0.5	<0.20	<0.5	0.40	<0.05
11F03 870075	2.63	8	<1.9	490	35	20.5	2	19	5.5	0.20	<0.5		4	4010	<50	305	0.5	0.4	<2	1000	<0.5	<0.50	<0.2	<5	3300	1.8	3	<5	0.2	<0.20	<0.5	0.29	<0.05
11F06 870077	2.03	9	5.2	1000	27	17.4	9	12	4.9	0.43	0.9		<3	7620	<50	389	0.3	1.0	<2	970	<0.5	1.40	<0.3	<6	1600	7.2	10	8	0.8	<0.20	<0.5	0.56	<0.05
11F06 870079	1.86	13	<2.6	330	39	12.6	3	13	6.7	0.32	0.6		<3	7540	<50	305	0.8	0.8	<2	270	<0.5	0.60	<0.3	<5	2900	3.6	6	8	0.5	<0.20	<0.5	0.59	<0.05
11F06 870080	1.65	11	<2.1	250	22	15.1	3	10	11.0	0.19	<0.5		<3	2760	<50	483	0.3	0.3	3	1200	<0.5	<0.50	<0.3	<5	2100	2.1	<3	7	0.3	<0.20	<0.5	<0.12	<0.05
11F06 870081	2.17	5	<1.7	490	28	16.6	2	15	8.4	0.17	<0.5		<2	2260	<50	347	<0.1	0.3	<2	500	<0.5	<0.50	<0.2	<4	1800	1.7	<3	<5	0.2	<0.20	<0.5	0.21	<0.05
11F03 870083	1.92	8	<2.1	240	38	16.7	3	12	14.0	0.25	<0.5		<2	4060	<50	462	<0.1	0.5	<2	1100	<0.5	<0.50	<0.2	<4	1900	2.0	4	<5	0.3	<0.20	<0.5	<0.10	<0.05
11F03 870084	2.02	10	<2.3	300	17	15.8	3	18	15.0	0.20	<0.5		<3	1750	<50	410	<0.1	0.4	<2	1200	<0.5	<0.50	<0.2	<5	2200	2.0	<3	<5	0.2	<0.20	<0.5	<0.12	<0.05
11F03 870085	1.88	<6	<3.4	340	39	17.2	2	10	34.0	0.21	<0.5		<4	2160	<50	588	<0.1	0.5	<2	1200	<0.5	0.60	<0.3	<8	2200	2.5	4	<6	0.3	<0.20	<0.5	<0.19	0.06
11F04 870089	1.80	<5	<2.3	560	25	16.0	8	10	14.0	0.43	0.6		<3	4330	<50	378	<0.1	1.1	<2	2000	<0.5	0.90	<0.2	<5	2300	5.3	9	9	0.7	<0.20	<0.5	0.51	0.08
11F04 870090	2.51	7	4.4	450	17	10.4	10	14	8.6	0.66	1.2		<3	3670	<50	336	0.3	1.9	<2	1000	<0.5	2.50	<0.3	<6	1300	12.0	21	19	1.8	0.30	<0.5	0.90	<0.05
11E01 870091	2.30	7	7.5	830	17	19.1	5	20	3.1	0.71	2.1		<3	5420	<50	368	0.4	2.1	<2	2500	<0.5	1.30	<0.3	<6	2600	7.4	13	<5	1.0	0.40	<0.5	0.90	0.13
11E01 870095	1.94	8	<2.0	1100	19	16.3	12	6	1.1	0.14	<0.5		<3	3370	<50	273	0.3	0.3	<2	1600	<0.5	<0.50	<0.3	<5	1800	2.4	3	<5	0.2	<0.20	<0.5	0.24	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E01	870099	20	577688	4995842	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Open Woodland
11E01	870100	20	578068	4995104	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Open Woodland
11E01	870101	20	577742	4993452	CO <sub>H</sub>	Balsam Fir Twig	6	0	Damp Open Woodland
11E02	870105	20	530202	5009993	DC <sub>g</sub>	Balsam Fir Twig	2	0	Dry Medium Woodland
11E02	870106	20	531076	5008133	DC <sub>g</sub>	Balsam Fir Twig	7	1E	Dry Medium Woodland
11E02	870107	20	530637	5006200	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Open Woodland
11E02	870108	20	532298	5006165	CO <sub>G</sub>	Balsam Fir Twig	7	1E	Damp Dense Woodland
11E02	870109	20	533734	5005324	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11E02	870110	20	532683	5003252	CO <sub>G</sub>	Balsam Fir Twig	7	1W	Damp Dense Woodland
11E02	870111	20	533672	5004129	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Open Woodland
11E02	870112x	20	533916	5003626	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Dense Woodland
11E02	870112y	20	533916	5003626	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Dense Woodland
11E02	870113	20	534029	5003098	CO <sub>G</sub>	Balsam Fir Twig	6	1E	Dry Dense Woodland
11E02	870114	20	534012	5002146	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11E02	870115	20	532682	5000696	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Dry Dense Woodland
11E02	870116	20	530831	5000691	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11E02	870117	20	530351	4998834	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Dry Medium Woodland
11E02	870118	20	531963	4998673	CO <sub>G</sub>	Balsam Fir Twig	6	1N	Dry Medium Woodland
11E02	870119	20	534931	5000078	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Damp Medium Woodland
11E02	870120	20	535194	4998148	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Damp Medium Woodland
11E02	870121	20	535404	4997461	CO <sub>G</sub>	Balsam Fir Twig	7	0	Dry Medium Woodland
11E02	870122	20	535834	4997121	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Dense Woodland
11E02	870123	20	536123	4996826	CO <sub>G</sub>	Balsam Fir Twig	6	1N	Dry Medium Woodland
11E02	870124	20	535619	4998629	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E02	870125	20	536087	4998695	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Dense Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E01 870099	2.20	33	46.0	1600	61	19.3	3	17	11.0	0.38	1.0		<3	3330	<50	483	1.0	1.0	<2	1200	<0.5	0.90	<0.3	<7	2300	4.4	6	<5	0.6	<0.20	<0.5	0.41	<0.05
11E01 870100	2.46	7	20.0	1100	41	20.6	3	10	3.2	0.23	<0.5		<3	3540	<50	273	0.5	0.5	<2	2100	<0.5	<0.50	<0.3	<6	1700	2.8	5	<5	0.3	<0.20	<0.5	0.36	<0.05
11E01 870101	2.10	8	8.8	1500	19	18.3	7	6	2.2	0.15	<0.5		<2	1270	<50	284	0.3	0.3	<2	1300	<0.5	<0.50	<0.2	<4	1200	2.1	<3	<5	0.1	<0.20	<0.5	0.26	<0.05
11E02 870105	2.43	<5	12.0	1400	20	12.9	6	28	4.4	1.22	3.3		<3	3520	<50	273	0.5	3.6	<2	1100	<0.5	4.60	<0.3	<8	1500	20.0	31	28	3.2	0.50	0.6	1.69	0.21
11E02 870106	2.48	13	4.5	1900	22	14.2	9	47	2.0	0.97	2.7	16.4	<2	6010	<50	240	0.5	2.8	<2	1000	<0.5	2.80	0.6	<1	2500	17.0	34	18	3.1	0.57	0.6	1.02	0.17
11E02 870107	2.16	11	1.5	1100	14	14.1	3	28	2.6	0.14	<0.5	26.2	<2	1030	<50	340	0.2	0.3	<3	830	<0.5	<0.11	<0.3	<1	2500	1.4	3	<5	0.2	<0.06	<0.5	<0.07	<0.05
11E02 870108	2.07	19	2.8	1700	26	13.8	7	47	2.3	0.46	1.1	24.1	<2	3510	<50	330	0.5	1.3	<3	940	<0.5	0.91	0.6	<1	4300	6.1	12	<5	1.0	0.23	<0.5	0.46	<0.05
11E02 870109	1.54	39	2.0	2500	17	17.5	5	48	11.0	0.22	<0.5	21.3	<2	1460	<50	500	0.4	0.6	<3	2300	<0.5	0.43	<0.3	<1	1700	3.0	5	<5	0.4	<0.06	<0.5	0.20	<0.05
11E02 870110	1.79	21	2.7	1500	24	12.1	14	45	3.7	0.33	0.7	25.6	<2	1980	71	490	0.7	0.9	<3	990	<0.5	0.38	<0.3	<1	2200	3.5	6	<5	0.5	<0.07	<0.5	0.22	<0.05
11E02 870111	2.15	15	1.7	1500	11	14.9	6	27	8.3	0.35	1.2	22.9	<2	2110	<50	360	0.3	1.0	<2	1100	<0.5	1.10	<0.3	<1	1900	5.6	10	<5	0.9	<0.06	<0.5	0.45	0.09
11E02 870112x	3.37	14	2.2	940	15	11.1	6	23	2.3	1.08	3.4	14.1	<2	7910	<50	170	0.3	3.8	<3	<310	<0.6	3.40	0.8	<1	1100	18.0	29	23	2.9	0.48	<0.5	1.51	0.23
11E02 870112y	3.37	14	2.8	1100	16	11.7	7	43	2.4	1.18	3.6	14.2	<2	7990	<50	190	0.3	4.0	<3	<350	<0.6	4.00	1.2	<1	1200	19.0	38	24	3.1	0.53	0.5	1.68	0.28
11E02 870113	2.37	25	2.1	520	17	8.4	7	23	4.4	1.02	3.0	20.5	<2	8200	<50	380	0.4	3.4	<3	640	<0.6	3.90	1.2	<1	1100	18.0	32	16	2.9	0.54	<0.5	1.32	<0.05
11E02 870114	3.12	9	3.3	1700	12	9.9	10	38	1.8	1.05	3.7	15.7	3	6160	<50	180	0.4	3.8	<3	770	0.9	3.70	0.8	<1	860	20.0	35	21	3.3	0.46	<0.5	1.51	0.25
11E02 870115	2.62	7	3.3	1400	16	11.6	7	26	4.2	0.83	2.1	23.9	<2	3820	<50	260	0.3	2.9	<3	570	<0.5	2.10	0.5	<1	1200	13.0	28	15	1.9	0.27	<0.5	0.75	0.13
11E02 870116	1.76	27	2.8	3100	23	17.5	7	38	1.8	0.52	2.2	18.1	<2	2580	<50	260	0.4	1.6	<3	1300	<0.5	0.70	<0.3	<1	1200	10.0	19	<5	1.5	0.11	<0.5	0.63	0.12
11E02 870117	1.99	9	2.0	1700	24	16.2	4	28	0.9	0.24	<0.5	25.3	<2	1180	<50	270	0.4	0.6	<3	1300	<0.5	0.30	0.4	<1	1400	3.0	8	<5	0.5	<0.07	<0.5	0.18	<0.05
11E02 870118	2.19	9	1.6	630	13	22.9	4	12	3.1	0.19	0.5	17.9	<2	946	<50	320	0.4	0.5	<2	1600	<0.5	<0.20	<0.2	<1	1800	2.7	6	9	0.4	<0.06	<0.5	0.18	<0.05
11E02 870119	1.97	10	2.5	1500	11	18.1	4	35	2.9	0.52	1.6	17.7	<2	2660	<50	320	0.3	1.6	<3	890	<0.5	0.80	<0.3	<1	2600	7.6	14	10	1.1	0.29	<0.5	0.57	0.09
11E02 870120	3.04	9	5.4	490	10	10.0	6	26	2.5	1.21	3.8	9.8	<2	7410	<50	120	0.4	4.4	<2	<290	0.9	3.70	1.1	<1	840	34.0	47	27	4.0	0.72	0.7	1.74	0.18
11E02 870121	2.79	7	2.2	700	15	14.9	7	23	3.6	0.79	2.6	16.0	<2	5210	50	240	0.3	2.7	<2	380	1.0	2.30	<0.3	<1	1600	20.0	34	16	2.7	0.45	<0.5	1.10	0.20
11E02 870122	2.12	10	1.6	2000	26	17.9	5	33	8.0	0.51	1.8	19.4	<2	4140	<50	350	0.4	1.7	<3	1300	<0.5	0.80	0.6	<1	1700	9.4	18	10	1.4	<0.07	<0.5	0.81	0.11
11E02 870123	2.38	<5	3.1	1300	14	12.3	12	19	0.8	0.73	2.6	16.6	<2	5860	<50	180	0.4	2.6	<3	780	<0.5	1.90	<0.3	<1	1400	13.0	20	10	1.8	0.19	<0.5	0.95	0.18
11E02 870124	2.03	19	2.2	1300	14	16.3	5	25	1.8	0.21	0.9	25.4	<2	1940	<50	270	0.3	0.6	<3	520	<0.5	0.40	<0.3	<1	1300	3.2	4	<5	0.4	<0.07	<0.5	0.25	<0.05
11E02 870125	2.45	12	3.2	1200	17	9.2	12	22	2.4	0.75	2.6	23.0	<2	5650	<50	300	0.4	2.7	<3	360	<0.6	1.90	0.6	<1	1600	19.0	31	16	2.6	0.36	<0.5	1.14	0.16

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E02	870126	20	536521	4998426	CO <sub>G</sub>	Balsam Fir Twig	8	0	Damp Dense Woodland
11E02	870127	20	537180	4998308	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11E02	870128	20	537494	4997836	CO <sub>G</sub>	Balsam Fir Twig	5	0	Wet Medium Woodland
11E02	870129	20	537756	4997320	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11E02	870130	20	537523	4998534	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11E02	870131	20	538047	4998841	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11E02	870132	20	538656	4998453	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11E02	870133	20	538230	4999238	CO <sub>G</sub>	Balsam Fir Twig	7	0	Dry Medium Woodland
11E02	870134	20	538574	4999813	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11E02	870154	20	523400	4992000	CO <sub>G</sub>	Balsam Fir Twig	5		Damp Open Bog
11E01	870166	20	575359	4991722	CO <sub>G</sub>	Balsam Fir Twig	7	0	Damp Medium Woodland
11E01	870167	20	573769	4992115	CO <sub>G</sub>	Balsam Fir Twig	6	1E	Damp Medium Woodland
11E01	870168	20	574938	4989912	CO <sub>G</sub>	Balsam Fir Twig	6	1N	Dry Medium Woodland
11E01	870169x	20	573999	4988077	CO <sub>G</sub>	Balsam Fir Twig	6	1W	Dry Dense Woodland
11E01	870169y	20	573999	4988077	CO <sub>G</sub>	Balsam Fir Twig	6	1W	Dry Dense Woodland
11E01	870170	20	573865	4986683	CO <sub>G</sub>	Balsam Fir Twig	8	1S	Wet Medium Woodland
11E01	870171	20	573624	4990579	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Dry Dense Woodland
11E02	870200	20	515497	4987503	CO <sub>G</sub>	Balsam Fir Twig	6	1NE	Damp Dense Woodland
11E02	870201x	20	516988	4986097	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11E02	870201y	20	516988	4986097	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11E02	870202	20	518530	4985019	DC <sub>g</sub>	Balsam Fir Twig	6	2S	Damp Medium Woodland
11D15	870203	20	513785	4977649	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11D15	870204	20	515622	4977106	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11D15	870205	20	516982	4975869	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11D15	870206	20	518716	4974603	CO <sub>G</sub>	Balsam Fir Twig	6	1NW	Damp Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E02 870126	2.28	10	4.9	1400	18	20.2	5	27	1.6	0.56	2.2	17.5	3	4630	<50	190	0.4	2.0	<2	1000	<0.5	1.30	0.6	<1	1500	11.0	19	10	1.7	<0.06	<0.5	0.80	0.13
11E02 870127	1.70	15	16.0	1100	24	16.0	5	17	8.0	0.30	<0.5	22.8	<2	2090	<50	410	0.4	0.9	<3	1100	<0.5	0.60	<0.3	<1	2900	4.0	6	<5	0.6	<0.07	<0.5	0.31	<0.05
11E02 870128	2.20	10	2.3	750	16	21.0	5	21	1.7	0.19	<0.5	18.0	<2	839	<50	180	0.3	0.5	<2	880	<0.5	<0.10	<0.2	<1	1600	2.4	6	<5	0.3	<0.05	<0.5	0.12	<0.05
11E02 870129	2.13	10	0.6	750	11	18.3	3	10	5.7	0.13	<0.5	24.1	<2	1830	<50	320	0.2	0.2	<2	410	<0.5	<0.10	<0.3	<1	1600	1.1	<3	<5	0.2	<0.06	<0.5	<0.06	<0.05
11E02 870130	2.72	13	8.3	1100	12	19.5	5	25	7.0	0.50	1.3	17.7	<2	2800	<50	270	0.3	1.5	<2	790	<0.5	0.90	0.3	<1	2000	7.1	14	8	1.2	0.19	<0.5	0.57	0.09
11E02 870131	2.21	8	3.2	730	25	17.3	10	18	12.0	0.39	1.2	21.5	<2	2750	<50	270	0.4	1.2	<3	550	0.6	0.60	0.7	<1	1600	9.6	17	12	1.4	0.23	<0.5	0.61	0.09
11E02 870132	2.35	<5	1.6	740	13	19.3	4	21	7.7	0.19	<0.5	24.9	<2	1370	<50	210	0.3	0.5	<3	960	<0.5	<0.10	<0.2	<1	1800	2.4	3	<5	0.4	<0.06	<0.5	0.15	<0.05
11E02 870133	2.40	6	2.6	940	28	14.9	3	29	21.0	0.46	1.5	22.7	<2	2710	<50	320	0.6	1.3	<3	1300	<0.5	0.60	<0.3	<1	1800	7.8	14	<5	1.2	0.22	<0.5	0.57	0.13
11E02 870134	1.99	44	1.4	1300	12	18.7	3	20	7.1	0.27	0.8	21.1	<2	1790	<50	220	0.3	0.7	<3	760	<0.5	<0.20	<0.3	<1	1900	3.3	7	<5	0.5	<0.07	<0.5	0.34	0.06
11E02 870154	1.81	42	1.5	1700	36	20.5	7	49	23.0	0.17	<0.5	23.3	<2	1230	<50	770	0.6	0.6	7	1700	<0.5	<0.20	<0.4	<1	2500	2.6	7	<5	0.3	<0.08	<0.5	<0.11	<0.05
11E01 870166	2.30	6	4.5	550	26	16.6	3	33	1.7	0.83	2.0	14.2	<2	5520	<50	91	0.7	2.7	2	1400	<0.5	1.90	<0.3	<1	1700	9.4	18	9	1.7	0.31	<0.5	0.83	0.15
11E01 870167	1.97	<5	2.8	610	26	19.7	2	29	1.7	0.34	0.8	19.5	3	2500	<50	160	0.7	1.0	3	520	<0.5	0.70	<0.3	<1	1900	4.0	8	<5	0.6	<0.05	<0.5	0.28	0.05
11E01 870168	1.93	7	1.6	1600	19	16.4	3	26	1.4	0.24	0.8	24.2	<2	3350	<50	170	0.3	0.6	<2	650	<0.5	0.40	<0.3	<1	2000	2.6	5	<5	0.4	<0.05	<0.5	0.28	<0.05
11E01 870169x	2.15	<5	2.8	580	18	21.1	3	29	2.4	0.19	<0.5	16.5	<2	3790	<50	130	0.3	0.4	<2	1800	<0.5	0.40	<0.4	<1	3000	1.6	<3	7	0.2	<0.06	<0.5	0.14	<0.05
11E01 870169y	2.15	<5	2.8	580	16	18.7	3	27	2.5	0.17	<0.5	16.3	<2	3680	<50	110	0.3	0.4	<2	1400	<0.5	0.40	<0.3	<1	2800	1.5	<3	<5	0.2	<0.05	<0.5	<0.07	<0.05
11E01 870170	2.40	9	3.0	790	35	21.4	3	27	0.6	0.47	1.1	14.4	<2	4360	<50	92	0.8	1.3	3	1600	<0.5	1.10	0.4	<1	2100	7.1	13	<5	1.0	0.16	<0.5	0.41	<0.05
11E01 870171	1.70	10	1.9	820	17	16.0	2	17	1.4	0.15	<0.5	28.7	<2	3010	<50	310	0.5	0.3	<2	820	<0.5	<0.10	<0.3	<1	3500	1.5	<3	<5	0.2	<0.05	<0.5	<0.06	<0.05
11E02 870200	1.91	8	3.2	760	26	17.0	6	17	0.8	0.40	0.9	23.9	<2	4290	<50	170	0.5	1.2	<2	520	<0.5	0.90	0.6	2	1900	4.5	10	9	0.7	<0.05	<0.5	0.34	<0.05
11E02 870201x	2.42	<5	<0.8	1300	35	19.9	3	29	6.2	0.35	1.4	22.3	<2	2470	<50	250	0.5	0.9	<3	1300	<0.5	0.60	<0.4	<1	1800	3.9	11	<5	0.7	<0.06	<0.5	0.28	<0.05
11E02 870201y	2.42	<5	2.0	1300	38	18.1	3	17	6.8	0.35	1.1	19.1	<2	2460	<50	230	0.5	0.8	<3	1200	<0.5	0.90	<0.4	<1	1700	4.0	8	6	0.6	<0.06	<0.5	0.24	<0.05
11E02 870202	2.00	<5	1.3	1900	31	16.1	4	27	8.1	0.22	<0.5	22.8	<2	3370	<50	420	0.5	0.6	<2	860	<0.5	0.30	<0.4	<1	2700	2.9	5	<5	0.3	<0.06	<0.5	0.21	<0.05
11D15 870203	2.38	<5	8.3	1200	31	14.7	5	27	1.7	1.17	2.6	20.2	3	4270	<50	160	0.6	3.6	<3	1300	<0.5	2.90	1.0	<1	1900	13.0	26	18	2.1	0.33	<0.5	1.02	<0.05
11D15 870204	1.91	<5	2.0	1900	23	17.8	3	14	0.9	0.25	0.7	26.1	<2	1660	<50	280	0.4	0.6	<3	540	<0.5	0.50	<0.4	<1	5100	3.0	4	<5	0.4	<0.06	<0.5	0.18	<0.05
11D15 870205	2.04	8	1.7	1800	31	19.2	4	18	0.8	0.28	<0.5	20.4	<2	1840	63	130	0.6	0.7	<3	1100	<0.5	0.30	<0.4	<1	2000	3.3	5	<5	0.5	<0.07	<0.5	0.21	<0.05
11D15 870206	1.92	8	4.3	2000	35	18.2	6	13	2.9	0.42	0.9	22.9	<2	1710	<50	290	0.5	1.2	<3	1100	<0.5	0.90	<0.4	<1	1500	5.2	11	7	0.9	0.21	<0.5	0.44	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11D15	870207	20	534339	4961659	COG	Balsam Fir Twig	7	0	Damp Dense Woodland
11D15	870208	20	533464	4963448	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D15	870209	20	532201	4964858	COG	Balsam Fir Twig	7	0	Wet Medium Woodland
11D15	870210	20	529845	4964889	COG	Balsam Fir Twig	6	3E	Damp Medium Woodland
11D15	870211	20	533295	4966122	COG	Balsam Fir Twig	6	0	Damp Dense Woodland
11D15	870212	20	533474	4968423	COG	Balsam Fir Twig	6	2SW	Damp Medium Woodland
11D15	870213	20	534980	4967211	COG	Balsam Fir Twig	6	0	Damp Medium Woodland
11D15	870214	20	536388	4966400	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D16	870215	20	542085	4966955	COG	Balsam Fir Twig	6	2SW	Damp Open Woodland
11D16	870216x	20	542843	4964838	COG	Balsam Fir Twig	6	0	Damp Medium Woodland
11D16	870216y	20	542843	4964838	COG	Balsam Fir Twig	6	0	Damp Medium Woodland
11D16	870217	20	544102	4967777	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11F05	870301	20	578876	5012249	ECN	Balsam Fir Twig	8	1NE	Wet Medium Woodland
11F05	870302	20	580508	5011178	COG	Balsam Fir Twig	10	0	Damp Medium Woodland
11F05	870303	20	581067	5014259	ECN	Balsam Fir Twig	10	0	Dry Medium Woodland
11F05	870304x	20	580864	5012508	ECN	Balsam Fir Twig	10	0	Damp Medium Woodland
11F05	870304y	20	580864	5012508	ECN	Balsam Fir Twig	10	0	Damp Medium Woodland
11F05	870305	20	582541	5012630	ECN	Balsam Fir Twig	10	0	Dry Medium Woodland
11F05	870306	20	584509	5013158	ECN	Balsam Fir Twig	10	2S	Damp Medium Woodland
11F05	870307	20	586295	5013621	ECN	Balsam Fir Twig	10	2E	Damp Medium Woodland
11F05	870308	20	587229	5012379	ECN	Balsam Fir Twig	10	2NE	Dry Medium Woodland
11F05	870309x	20	588031	5014875	ECN	Balsam Fir Twig	8	2SE	Damp Medium Woodland
11F05	870309y	20	588031	5014875	ECN	Balsam Fir Twig	8	2SE	Damp Medium Woodland
11F05	870310	20	586404	5015850	ECN	Balsam Fir Twig	10	2SE	Dry Medium Bog
11F05	870311	20	588016	5019749	ECN	Balsam Fir Twig	5	1SW	Dry Medium Woodland



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11D15 870207	2.30	9	2.2	730	46	15.5	2	12	2.7	0.27	0.8	27.7	<2	3760	<50	140	0.5	0.8	<2	940	0.5	0.60	0.9	<1	1800	3.2	5	<5	0.5	<0.06	<0.5	0.23	<0.05
11D15 870208	2.16	<5	1.8	1300	27	20.7	4	20	5.2	0.27	3.6	21.3	4	3180	<50	170	0.3	0.9	<3	890	<0.5	0.60	<0.4	<1	1700	3.5	6	<5	0.6	<0.06	<0.5	0.35	<0.05
11D15 870209	2.27	<5	<0.9	880	33	16.7	6	20	8.7	0.49	1.5	18.0	<2	4060	<50	310	0.4	1.4	<3	1500	<0.5	1.10	0.7	<1	1900	5.9	12	9	1.0	0.25	<0.5	0.56	<0.05
11D15 870210	2.68	<5	3.0	960	44	15.5	4	28	3.7	0.68	2.5	28.0	<2	8480	<50	190	0.6	2.4	<2	840	<0.5	2.10	0.9	<1	1100	11.0	21	6	1.8	0.34	<0.5	0.67	0.13
11D15 870211	2.40	6	3.2	1000	22	20.5	6	22	4.4	0.44	1.0	23.2	<2	6270	<50	260	0.5	1.2	<2	740	<0.5	0.90	0.5	6	1800	5.4	11	<5	0.9	0.18	<0.5	0.47	0.08
11D15 870212	1.75	<5	3.2	2300	20	16.5	4	42	5.0	0.56	1.7	23.1	<2	3760	<50	260	0.6	1.6	<2	1600	<0.5	1.20	<0.4	3	3900	6.2	13	<5	1.1	0.37	<0.5	0.57	<0.05
11D15 870213	1.92	5	2.6	980	18	21.9	4	20	3.4	0.39	1.1	14.2	<2	2640	<50	190	0.7	1.1	<2	1500	<0.5	1.20	0.6	2	2400	5.1	9	7	0.9	<0.05	<0.5	0.44	<0.05
11D15 870214	1.74	11	3.4	730	21	14.6	8	24	1.3	0.40	1.0	25.9	<2	3230	<50	210	0.7	1.1	<3	970	<0.5	0.90	<0.4	<1	2500	4.2	8	14	0.7	0.16	<0.5	0.39	<0.05
11D16 870215	2.13	6	1.9	860	16	17.7	5	16	1.9	0.27	0.6	31.2	<2	2780	<50	220	0.4	0.6	<2	1400	<0.5	0.40	<0.3	<1	1800	3.1	7	8	0.4	<0.05	<0.5	0.20	<0.05
11D16 870216x	2.73	8	4.3	530	44	13.8	4	26	1.8	0.91	2.2	25.9	5	5570	<50	130	0.4	2.7	<2	760	<0.5	2.40	0.8	<1	1100	9.3	20	11	1.7	0.37	<0.5	1.01	<0.05
11D16 870216y	2.73	6	4.6	530	46	14.8	5	26	1.7	1.02	2.5	23.9	<2	6100	<50	140	0.5	3.0	<3	770	<0.5	2.70	0.9	<2	1100	10.0	25	13	1.9	0.36	<0.5	0.98	<0.05
11D16 870217	2.43	6	3.3	400	28	11.1	5	33	2.1	0.90	2.5	28.1	<2	8620	<50	360	0.7	2.8	<2	1400	<0.5	2.20	<0.4	<1	1500	12.0	24	12	2.0	0.30	<0.5	1.00	0.19
11F05 870301	1.86	10	2.4	3100	13	14.4	6	28	1.8	0.79	2.5	17.0	3	3570	<50	310	0.4	2.6	<2	750	<0.5	2.30	0.6	<1	2400	13.0	24	13	2.0	0.43	<0.5	0.82	0.11
11F05 870302	1.88	8	2.8	1000	26	14.9	4	14	7.7	0.55	1.5	19.0	3	2910	<50	410	0.4	1.6	<2	1300	<0.5	1.60	0.5	<1	3100	7.3	15	10	1.2	0.21	<0.5	0.51	0.10
11F05 870303	1.46	11	2.7	3400	15	15.9	6	28	2.1	0.88	2.8	17.7	<2	3980	<50	320	0.5	2.8	<2	1000	0.6	2.50	0.8	<1	2600	14.0	28	11	2.2	0.50	<0.5	0.93	0.13
11F05 870304x	2.96	10	3.3	3400	15	20.3	2	11	0.5	0.15	0.8	23.7	<2	2170	57	300	0.4	0.4	<3	1200	<0.5	<0.10	<0.3	<1	2000	1.8	3	<5	0.2	<0.07	<0.5	<0.07	<0.05
11F05 870304y	2.96	7	3.3	870	14	14.5	6	22	1.8	0.94	2.8	13.8	3	4200	59	140	0.5	2.9	<2	510	0.7	2.20	1.1	<1	1600	12.0	24	14	2.2	0.47	<0.5	0.98	0.19
11F05 870305	1.67	18	3.4	1600	19	16.1	5	19	1.0	0.40	1.1	13.6	<2	2830	62	150	0.5	1.2	<2	710	<0.5	0.70	0.8	<1	2400	5.3	11	7	0.9	<0.06	<0.5	0.43	<0.05
11F05 870306	1.99	7	2.4	3300	17	10.4	7	18	0.9	0.50	1.9	18.3	<2	3800	<50	160	0.4	1.4	<3	650	<0.5	1.00	<0.2	<1	1500	7.1	15	<5	1.2	0.28	<0.5	0.55	0.10
11F05 870307	1.82	11	3.3	570	15	10.4	5	28	3.0	0.77	2.0	13.9	2	2910	<50	180	0.5	2.2	<2	360	<0.5	1.50	0.8	<1	1800	9.8	19	7	1.7	0.34	<0.5	0.75	0.12
11F05 870308	1.63	15	2.2	20000	23	11.7	6	20	1.1	0.39	2.4	20.3	<2	2480	<50	320	0.6	1.0	<4	1300	<0.5	0.70	<0.4	4	2100	5.0	8	<5	0.7	0.30	<0.5	0.29	<0.05
11F05 870309x	2.37	<5	3.4	2300	22	14.6	6	34	1.3	0.70	2.6	15.9	<2	4190	<50	110	0.8	2.1	<2	760	0.9	1.60	0.5	<1	3000	11.0	21	10	1.8	0.44	<0.5	0.85	0.15
11F05 870309y	2.37	10	3.2	2700	27	16.7	7	36	1.1	0.91	3.1	18.8	<2	4930	<50	130	0.4	2.4	<3	720	<0.5	2.20	1.1	<1	3600	13.0	27	14	2.3	0.53	<0.5	1.13	0.17
11F05 870310	1.87	7	2.5	6200	19	18.1	5	24	<0.5	0.24	0.9	18.5	<2	2470	61	92	0.4	0.6	<2	340	<0.5	<0.10	<0.3	<1	2900	2.5	4	<5	0.3	<0.06	<0.5	<0.06	<0.05
11F05 870311	2.06	6	2.2	530	17	10.1	4	11	1.0	0.17	<0.5	25.7	<2	1850	<50	250	0.2	0.4	3	740	<0.5	<0.10	<0.2	<1	1900	1.4	4	<5	0.2	<0.06	<0.5	0.10	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F05	870312	20	586944	5018306	ECN	Balsam Fir Twig	6	1SW	Dry Medium Woodland
11F05	870313	20	584918	5017485	ECN	Balsam Fir Twig	5	2SW	Damp Dense Woodland
11F05	870314	20	585624	5019464	ECN	Balsam Fir Twig	6	0	Dry Medium Woodland
11F05	870315	20	583529	5018952	ECN	Balsam Fir Twig	6	1SW	Damp Dense Woodland
11F05	870318	20	585580	5023323	ECN	Balsam Fir Twig	5	0	Damp Medium Woodland
11F05	870319	20	583885	5021967	ECN	Balsam Fir Twig	6	1SE	Damp Open Woodland
11F05	870320	20	585873	5021217	ECN	Balsam Fir Twig	5	1SW	Damp Dense Woodland
11F05	870321	20	587404	5023225	ECN	Balsam Fir Twig	5	0	Dry Medium Woodland
11F05	870322	20	588772	5023199	ECN	Balsam Fir Twig	5	0	Damp Dense Woodland
11F05	870323	20	580722	5024070	ECN	Balsam Fir Twig	6	3SW	Wet Open Bog
11F05	870324	20	578799	5022839	ECN	Balsam Fir Twig	5	0	Damp Medium Woodland
11F05	870325	20	580807	5019980	ECN	Balsam Fir Twig	6	1SE	Damp Medium Woodland
11F05	870326x	20	578858	5019398	ECN	Balsam Fir Twig	6	0	Wet Medium Woodland
11F05	870326y	20	578858	5019398	ECN	Balsam Fir Twig	6	0	Wet Medium Woodland
11F05	870328	20	581095	5025143	DC	Balsam Fir Twig	6	0	Dry Medium Woodland
11F05	870329	20	578411	5025693	DC	Balsam Fir Twig	5	2NE	Damp Medium Woodland
11E08	870330	20	576084	5011662	COG	Balsam Fir Twig	7	1NE	Dry Medium Woodland
11E08	870331	20	577315	5012385	ECN	Balsam Fir Twig	5	3NW	Wet Medium Woodland
11E08	870333	20	572439	5013875	ECN	Balsam Fir Twig	6	0	Wet Medium Woodland
11E08	870334	20	570983	5013307	ECs	Balsam Fir Twig	5	0	Damp Medium Woodland
11E08	870335	20	568972	5012777	ECs	Balsam Fir Twig	5	0	Damp Medium Woodland
11E08	870336	20	571055	5011433	ECs	Balsam Fir Twig	5	3NE	Damp Medium Woodland
11E08	870337	20	574715	5012887	ECN	Balsam Fir Twig	5	0	Dry Medium Woodland
11E08	870338	20	575601	5013202	ECN	Balsam Fir Twig	6	0	Damp Medium Woodland
11E08	870340	20	574422	5016657	ECN	Balsam Fir Twig	6	2NW	Damp Dense Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F05 870312	2.23	8	1.3	1600	12	18.2	3	17	0.8	0.16	<0.5	22.7	<2	2220	<50	110	0.3	0.4	<2	660	<0.5	<0.10	<0.2	<1	1600	1.7	<3	<5	0.3	<0.05	<0.5	0.15	<0.05
11F05 870313	2.04	6	1.5	3500	20	15.6	3	22	0.6	0.31	1.3	20.7	<2	1990	<50	97	0.3	0.9	<2	720	<0.5	0.60	0.6	1	1800	4.8	10	<5	0.8	0.16	<0.5	0.37	<0.05
11F05 870314	2.11	8	2.5	1400	17	14.1	5	22	1.0	0.52	1.0	20.3	<2	2810	<50	110	0.4	1.6	<2	1200	<0.5	0.70	0.5	<1	1300	6.8	12	10	1.0	0.26	<0.5	0.51	<0.05
11F05 870315	2.12	18	4.2	810	20	13.2	7	22	1.0	0.53	1.5	18.0	3	2830	73	110	0.5	1.4	<3	1100	<0.5	0.80	<0.2	2	2400	6.5	13	9	1.0	0.23	<0.5	0.57	0.07
11F05 870318	1.72	22	2.5	1400	14	15.8	9	24	6.5	0.29	0.9	22.3	<2	2850	<50	410	0.4	0.7	<2	810	<0.5	0.20	<0.2	<1	1600	3.0	6	<5	0.5	<0.06	<0.5	0.23	0.06
11F05 870319	2.22	13	5.2	940	16	10.3	10	26	2.5	1.37	4.1	19.5	<2	3560	50	160	0.6	4.0	<2	630	<0.5	4.30	1.3	<1	1300	25.0	48	25	4.0	0.78	<0.5	1.61	0.29
11F05 870320	2.15	6	1.1	2200	15	14.0	4	13	<0.5	0.18	0.6	21.8	<2	1350	<50	72	0.2	0.4	<2	200	<0.5	<0.10	0.4	<1	2500	2.4	5	<5	0.4	<0.06	<0.5	0.12	<0.05
11F05 870321	2.15	<5	1.6	760	13	15.8	5	19	0.8	0.20	<0.5	19.3	<2	1290	<50	190	0.3	0.5	<2	560	<0.5	<0.10	<0.2	<1	2000	2.1	3	<5	0.3	<0.06	<0.5	0.17	<0.05
11F05 870322	2.31	<5	1.5	940	19	15.1	5	14	1.8	0.22	0.6	21.4	<2	1110	50	130	0.3	0.6	<2	1000	<0.5	0.10	<0.2	<1	2000	2.2	4	<5	0.3	<0.06	<0.5	0.13	<0.05
11F05 870323	3.02	<5	3.3	880	12	17.9	5	24	<0.5	0.55	1.0	20.7	<2	8340	83	42	0.3	1.3	<3	<300	<0.5	0.90	<0.3	5	960	7.9	15	12	1.4	0.26	<0.5	0.60	0.14
11F05 870324	3.11	14	7.3	1200	12	8.1	11	38	3.3	1.66	4.6	19.7	3	2720	66	170	0.9	4.7	<3	620	0.9	4.40	1.5	<1	1500	25.0	45	27	4.3	1.02	0.8	2.32	0.35
11F05 870325	2.81	7	5.3	1000	22	8.3	9	39	2.9	1.35	3.4	19.7	<2	4360	<50	160	0.6	4.0	<3	820	<0.5	3.60	1.0	1	1200	18.0	36	15	2.9	0.60	0.5	1.50	0.29
11F05 870326x	2.67	<5	2.7	2000	29	10.3	6	24	<0.5	0.68	2.0	15.4	2	2410	70	72	0.4	2.0	<3	380	<0.5	1.60	<0.2	<1	1400	8.5	19	11	1.4	0.37	<0.5	0.73	0.14
11F05 870326y	2.67	<5	4.3	2300	36	14.1	6	40	1.0	0.84	2.5	17.9	<2	2850	<50	94	0.6	2.5	<3	650	<0.5	1.80	1.0	<1	1600	10.0	24	10	1.8	0.38	<0.5	0.96	0.19
11F05 870328	2.23	<5	1.9	1100	10	15.5	6	19	1.6	0.27	<0.5	20.4	<2	3310	55	300	0.2	0.6	<2	390	<0.5	0.10	0.3	2	1300	2.6	6	7	0.4	<0.06	<0.5	0.21	<0.05
11F05 870329	2.05	<5	2.0	1600	15	14.7	9	14	1.0	0.24	<0.5	24.9	<2	1550	60	190	0.3	0.6	<2	430	<0.5	<0.10	<0.2	1	2300	2.3	5	<5	0.4	<0.06	<0.5	0.19	<0.05
11E08 870330	2.45	12	1.6	1800	56	14.2	5	12	<0.5	0.17	0.8	19.8	<2	1070	<50	160	0.9	0.4	<3	850	<0.5	<0.10	<0.2	<1	1900	2.3	5	<5	0.3	<0.06	<0.5	<0.07	<0.05
11E08 870331	3.09	12	2.4	1000	10	7.7	6	32	1.2	1.12	2.7	19.9	<2	6220	<50	110	0.3	3.6	<2	230	<0.5	2.70	0.7	<1	1600	18.0	32	17	2.7	0.58	<0.5	1.36	0.19
11E08 870333	2.05	17	2.9	2700	16	11.1	6	30	1.2	1.02	2.7	19.8	4	4080	100	190	0.8	2.9	<3	710	0.9	2.50	1.0	<1	2100	16.0	29	18	2.5	0.61	<0.5	1.20	0.15
11E08 870334	2.80	12	2.2	1700	15	14.5	5	31	3.1	0.58	1.5	19.9	<2	3140	<50	210	0.4	1.7	<2	390	<0.5	1.20	0.6	1	2100	6.3	14	<5	1.1	0.22	<0.5	0.53	0.07
11E08 870335	2.80	7	3.1	810	15	9.9	7	24	3.1	0.94	2.4	17.5	2	3130	<50	300	0.6	2.9	<2	400	0.7	2.00	0.6	<1	1400	12.0	24	14	2.1	0.38	<0.5	1.03	0.16
11E08 870336	2.29	12	2.2	3400	18	9.9	7	30	0.9	0.35	1.2	24.5	4	1760	76	150	0.4	0.9	<3	450	<0.5	0.30	<0.3	<1	3200	4.7	8	<5	0.6	<0.08	<0.5	0.41	0.07
11E08 870337	2.21	8	2.8	1600	23	13.3	5	19	1.1	0.45	1.0	20.6	<2	4480	<50	150	0.6	1.3	<2	1000	0.9	0.70	<0.2	2	2500	5.4	10	<5	0.9	0.19	<0.5	0.51	0.06
11E08 870338	2.15	8	1.4	2500	15	15.7	3	20	0.7	0.16	<0.5	22.0	<2	2000	<50	210	0.2	0.4	<2	890	<0.5	<0.10	<0.2	<1	1900	1.5	<3	<5	0.2	<0.05	<0.5	0.15	<0.05
11E08 870340	2.13	12	3.9	3100	16	16.8	6	23	0.8	0.49	1.2	21.8	<2	2960	57	130	0.4	1.4	<2	900	<0.5	0.90	<0.2	1	2400	5.5	11	10	0.9	<0.06	<0.5	0.41	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E08	870341	20	574193	5018373	ECN	Balsam Fir Twig	6	2S	Wet Medium Woodland
11E08	870342	20	576209	5019491	ECN	Balsam Fir Twig	5	0	Wet Medium Woodland
11E08	870343	20	577155	5017114	ECN	Balsam Fir Twig	5	0	Wet Medium Woodland
11E08	870344	20	574199	5020200	ECN	Balsam Fir Twig	6	3W	Damp Medium Woodland
11E08	870345	20	577196	5022754	ECN	Balsam Fir Twig	5	2W	Dry Medium Logged
11E08	870346	20	575534	5022138	ECN	Balsam Fir Twig	6	0	Damp Medium Woodland
11E08	870347	20	573806	5021725	ECN	Balsam Fir Twig	5	1W	Damp Medium Woodland
11E08	870348	20	574214	5023893	ECN	Balsam Fir Twig	6	1NW	Damp Medium Woodland
11E08	870349	20	572587	5015294	ECN	Balsam Fir Twig	6	3SW	Wet Medium Woodland
11E08	870350	20	572560	5017447	ECN	Balsam Fir Twig	6	0	Wet Dense Woodland
11E08	870351	20	570431	5018222	ECN	Balsam Fir Twig	5	2N	Dry Medium Logged
11E08	870353	20	569596	5020737	ECs	Balsam Fir Twig	6	3W	Damp Medium Woodland
11E08	870354x	20	568990	5022508	ECs	Balsam Fir Twig	6	0	Damp Open Woodland
11E08	870354y	20	568990	5022508	ECs	Balsam Fir Twig	6	0	Damp Open Woodland
11E08	870355	20	567705	5024340	ECN	Balsam Fir Twig	6	2W	Wet Medium Woodland
11E08	870356	20	566172	5022625	ECN	Balsam Fir Twig	5	1S	Dry Open Woodland
11D16	870357	20	577906	4982398	COH	Balsam Fir Twig	6	1S	Damp Dense Woodland
11D16	870358	20	576680	4981276	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11D16	870359	20	575200	4982722	COH	Balsam Fir Twig	5	0	Dry Dense Woodland
11D16	870360	20	572986	4982806	COH	Balsam Fir Twig	5	0	Wet Dense Bog
11D16	870361	20	570891	4982616	COH	Balsam Fir Twig	5	0	Dry Dense Woodland
11D16	870362	20	572701	4979866	COG	Balsam Fir Twig	5	2SW	Damp Open Logged
11D16	870363	20	574403	4980034	COG	Balsam Fir Twig	5	2SW	Damp Medium Woodland
11D16	870364	20	571488	4980061	COG	Balsam Fir Twig	6	0	Damp Medium Woodland
11D16	870365x	20	569282	4979892	COG	Balsam Fir Twig	5	0	Damp Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E08 870341	2.89	<5	3.0	1300	16	11.4	4	19	1.0	0.69	1.8	18.6	<2	4270	<50	99	0.3	2.1	<3	290	<0.5	1.10	0.5	<1	1600	7.4	11	<5	1.1	0.14	<0.5	0.69	0.12
11E08 870342	2.24	17	3.0	1800	21	11.9	6	32	1.2	0.77	2.3	17.0	<2	2580	<50	120	0.4	2.3	<2	360	0.7	1.70	<0.2	<1	1500	8.6	17	8	1.5	0.37	<0.5	0.84	0.16
11E08 870343	2.20	12	2.8	2400	20	13.4	6	26	0.6	0.47	1.4	24.7	<2	2250	<50	110	0.3	1.3	<2	830	<0.5	1.10	<0.2	<1	1500	5.7	11	<5	1.0	0.26	<0.5	0.51	0.12
11E08 870344	2.25	8	2.1	1400	17	12.5	6	23	1.2	0.32	<0.5	24.4	<2	2590	76	190	0.4	0.9	<2	410	<0.5	0.40	0.3	<1	1400	3.2	6	<5	0.6	0.15	<0.5	0.26	<0.05
11E08 870345	2.12	11	1.7	1200	18	12.6	6	17	0.9	0.34	0.6	31.0	<2	2860	68	180	0.3	1.0	<2	530	<0.5	0.40	<0.3	<1	2100	3.3	8	<5	0.5	0.16	<0.5	0.31	<0.05
11E08 870346	2.64	9	6.5	1600	24	9.9	15	36	2.6	1.22	3.3	20.5	5	2710	58	130	0.7	3.8	<3	790	1.0	3.20	1.1	<1	1800	15.0	31	11	2.6	0.56	<0.5	1.55	0.29
11E08 870347	2.45	6	2.6	1100	22	13.6	6	28	1.1	0.46	1.7	26.4	<2	3380	<50	200	0.3	1.4	<3	840	0.5	0.80	<0.3	1	1600	5.3	10	9	0.9	0.21	<0.5	0.46	<0.05
11E08 870348	2.33	20	1.2	2600	17	13.3	7	20	6.6	0.23	<0.5	24.0	<2	1410	54	430	0.4	0.5	3	830	<0.5	0.10	0.4	<1	2200	1.9	4	<5	0.3	<0.07	<0.5	0.16	<0.05
11E08 870349	2.72	11	2.6	1900	15	10.1	4	20	0.8	0.62	1.8	19.6	<2	3560	<50	71	0.4	1.9	<2	480	<0.5	1.60	<0.2	<1	1000	8.5	16	8	1.4	0.37	<0.5	0.76	0.09
11E08 870350	2.11	10	2.2	1900	25	15.5	5	15	0.6	0.27	0.8	23.6	<2	1910	54	100	0.4	0.7	<2	600	<0.5	0.30	<0.3	<1	1800	2.8	5	<5	0.4	<0.06	<0.5	0.26	<0.05
11E08 870351	2.15	12	2.0	1400	14	15.0	3	26	0.7	0.37	0.8	17.8	<2	1200	<50	110	0.4	1.1	<2	490	<0.5	0.60	<0.2	<1	2100	4.0	7	<5	0.6	0.19	<0.5	0.27	0.05
11E08 870353	2.34	7	3.2	1200	10	9.9	10	28	1.1	0.87	2.4	22.9	2	5310	<50	120	0.3	2.7	<2	280	<0.5	2.10	0.4	<1	1600	10.0	20	10	1.8	0.39	<0.5	0.93	0.14
11E08 870354x	3.18	7	2.9	1500	11	14.3	8	39	1.0	0.93	2.5	14.8	<2	4310	<50	90	0.4	2.8	<3	<240	<0.5	2.20	0.9	<1	1200	12.0	23	13	2.1	0.36	<0.5	1.09	0.17
11E08 870354y	3.18	5	2.2	1500	11	16.1	8	29	1.3	0.95	2.4	15.1	<2	4280	<50	96	0.3	2.8	<2	<230	<0.5	2.10	0.8	<1	1300	12.0	23	10	2.1	0.32	<0.5	1.05	0.18
11E08 870355	1.97	<5	1.7	2000	13	14.7	4	21	0.5	0.32	0.7	22.8	<2	2610	<50	100	0.4	0.8	<3	1200	<0.5	0.30	<0.3	<1	1900	2.8	8	<5	0.4	<0.07	<0.5	0.25	<0.05
11E08 870356	2.04	5	1.9	2600	64	13.5	4	23	<0.5	0.29	<0.5	21.4	<2	2030	<50	95	0.3	0.7	<2	1500	<0.5	<0.10	<0.3	<1	1700	3.0	8	9	0.5	<0.05	<0.5	0.20	<0.05
11D16 870357	1.93	9	1.8	600	17	11.3	2	24	1.1	0.25	<0.5	22.4	<2	2820	<50	240	0.4	0.6	<3	680	<0.5	<0.10	<0.3	<1	2000	2.1	5	<5	0.3	<0.06	<0.5	0.10	<0.05
11D16 870358	2.29	15	1.0	490	30	17.6	3	19	0.8	0.19	<0.5	24.4	<2	4370	<50	110	0.3	0.4	<3	470	<0.5	<0.20	<0.3	<1	2200	1.6	4	<5	0.3	<0.08	<0.5	0.21	<0.05
11D16 870359	2.63	12	1.2	640	37	13.6	4	19	8.4	0.25	0.7	25.0	<2	2480	<50	540	0.3	0.6	<3	630	<0.5	<0.20	<0.3	<1	1600	2.8	7	<5	0.4	<0.06	<0.5	0.28	<0.05
11D16 870360	2.46	5	3.0	620	28	18.7	4	26	0.8	0.43	1.0	18.3	<2	2500	<50	110	0.5	1.2	<3	560	<0.5	0.60	<0.3	<1	1600	4.9	10	<5	0.8	0.18	<0.5	0.45	0.05
11D16 870361	1.64	7	1.7	770	33	12.1	6	21	3.4	0.26	0.7	20.8	<2	2500	<50	410	0.3	0.6	<3	540	<0.5	0.30	<0.3	<1	2700	2.4	4	<5	0.3	<0.06	<0.5	<0.08	0.05
11D16 870362	2.07	8	1.0	1800	20	16.4	3	32	2.1	0.29	<0.5	20.0	<2	3580	<50	150	0.4	0.7	<3	1100	<0.5	<0.20	<0.3	<1	2100	2.8	4	<5	0.4	<0.07	<0.5	<0.08	<0.05
11D16 870363	1.80	<5	<0.5	720	48	9.7	8	20	3.7	0.16	0.7	24.1	<2	6480	<50	560	0.3	0.4	<3	1100	<0.5	<0.20	<0.3	<1	2200	1.6	5	<5	0.2	<0.07	<0.5	0.21	<0.05
11D16 870364	3.11	<5	3.3	720	23	8.3	9	29	2.0	1.10	2.2	19.4	<2	7820	<50	160	0.4	3.5	<3	860	1.1	2.00	0.9	<1	1500	13.0	24	6	1.9	0.31	<0.5	0.91	0.14
11D16 870365x	3.06	6	0.9	800	50	12.8	3	23	1.1	0.19	<0.5	23.9	<2	2000	<50	110	0.3	0.5	<3	1700	<0.5	<0.20	<0.3	<1	1600	1.8	4	<5	0.3	<0.08	<0.5	0.22	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11D16	870365y	20	569282	4979892	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11D16	870366	20	567968	4980457	COG	Balsam Fir Twig	6	2S	Damp Dense Woodland
11D16	870367	20	565448	4979318	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D16	870368	20	564655	4977055	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D16	870369	20	564079	4978415	COG	Balsam Fir Twig	6	3SE	Damp Dense Woodland
11D16	870370	20	562255	4978090	COG	Balsam Fir Twig	6	0	Damp Dense Woodland
11D16	870371	20	560844	4978413	COG	Balsam Fir Twig	5	0	Damp Dense Bog
11D16	870372	20	559260	4980093	COG	Balsam Fir Twig	5	1N	Damp Dense Woodland
11D16	870373	20	562109	4979551	COG	Balsam Fir Twig	6	3NW	Dry Dense Woodland
11D16	870374	20	565068	4981538	COH	Balsam Fir Twig	5	2NW	Damp Dense Woodland
11D16	870375	20	558050	4981366	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11D16	870376	20	559000	4977845	COG	Balsam Fir Twig	5	2NE	Damp Open Woodland
11D16	870377	20	557636	4976054	COG	Balsam Fir Twig	6	3NE	Damp Open Woodland
11D16	870378	20	555959	4975486	COG	Balsam Fir Twig	6	0	Damp Open Woodland
11D16	870379	20	554342	4973031	COG	Balsam Fir Twig	5	3N	Wet Medium Woodland
11D16	870380	20	552461	4973800	COG	Balsam Fir Twig	6	0	Damp Medium Woodland
11D16	870381	20	552422	4978332	COG	Balsam Fir Twig	5	0	Dry Medium Woodland
11D16	870382	20	552215	4976487	COG	Balsam Fir Twig	5	1W	Dry Open Woodland
11D16	870383	20	550396	4976474	COG	Balsam Fir Twig	6	0	Damp Dense Woodland
11D16	870384	20	550580	4978590	COH	Balsam Fir Twig	5	0	Damp Dense Woodland
11D16	870385	20	551360	4980323	COG	Balsam Fir Twig	5	1SE	Damp Dense Woodland
11D16	870386	20	549944	4981234	COH	Balsam Fir Twig	6	2NW	Damp Dense Woodland
11D16	870387x	20	550851	4973221	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D16	870387y	20	550851	4973221	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D16	870388	20	549320	4971593	COG	Balsam Fir Twig	6	1S	Damp Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11D16 870365y	3.06	5	1.1	860	52	13.4	3	25	1.0	0.20	<0.5	23.5	<2	2130	<50	130	0.3	0.5	<3	1000	<0.5	<0.20	<0.3	<1	1800	2.0	3	<5	0.3	<0.08	<0.5	0.19	<0.05
11D16 870366	1.70	6	0.9	550	25	11.5	6	24	2.2	0.15	<0.5	22.0	<2	1390	<50	180	0.3	0.3	<3	580	<0.5	<0.10	<0.3	<1	2500	1.4	5	<5	0.2	<0.06	<0.5	0.10	<0.05
11D16 870367	2.39	<5	1.3	1200	20	10.9	5	27	3.1	0.42	0.8	24.1	<2	4040	<50	320	0.3	1.1	<3	400	<0.5	0.60	0.6	3	1200	5.4	11	<5	0.9	<0.07	<0.5	0.26	0.07
11D16 870368	2.41	5	2.2	400	31	12.2	5	26	0.7	0.54	1.5	24.0	<2	6350	<50	140	0.4	1.6	<3	560	<0.5	1.00	0.9	<1	1400	6.6	13	13	1.1	<0.07	<0.5	0.57	0.06
11D16 870369	2.29	<5	1.2	490	36	14.1	5	22	0.7	0.27	0.7	22.4	<2	1570	<50	73	0.3	0.7	<3	320	<0.5	0.30	<0.3	<1	1500	3.1	5	8	0.5	0.11	<0.5	0.27	<0.05
11D16 870370	1.86	<5	0.9	830	25	15.4	6	22	1.4	0.18	0.7	24.9	<2	3120	<50	190	0.4	0.4	<3	1800	<0.5	<0.20	<0.3	<1	2000	1.6	<3	<5	0.3	<0.06	<0.5	<0.08	<0.05
11D16 870371	2.50	<5	0.8	390	25	14.7	2	20	0.8	0.15	<0.5	22.7	<2	2660	<50	140	0.3	0.4	<2	670	<0.5	<0.10	<0.2	<1	1200	1.8	4	<5	0.3	0.12	<0.5	0.17	<0.05
11D16 870372	1.80	9	1.2	1000	20	11.7	3	29	6.7	0.29	0.6	19.2	<2	3320	<50	340	0.4	0.8	<2	870	<0.5	0.30	<0.3	1	1900	3.4	9	<5	0.6	<0.06	<0.5	0.37	<0.05
11D16 870373	1.80	7	1.6	1200	25	9.4	14	30	10.0	0.38	0.9	20.9	<2	8010	<50	350	0.5	0.9	<3	950	<0.5	0.50	<0.3	3	2900	3.8	7	<5	0.6	<0.07	<0.5	0.36	<0.05
11D16 870374	2.50	<5	2.8	410	17	7.1	6	29	1.2	0.98	2.7	16.5	<2	5400	<50	130	0.4	2.9	<3	260	<0.5	2.20	0.8	<1	2000	17.0	32	21	2.5	0.41	<0.5	1.03	0.16
11D16 870375	2.05	6	3.6	750	30	8.2	6	31	11.0	0.93	2.4	15.8	<2	4860	<50	540	0.5	2.7	<2	1200	<0.5	2.20	0.9	<1	1700	13.0	24	14	2.0	0.37	<0.5	1.04	0.14
11D16 870376	2.35	7	1.9	1100	17	6.9	7	36	1.1	0.57	0.9	24.8	<2	4990	<50	190	0.4	1.5	<2	400	0.7	0.80	<0.3	3	1700	6.4	14	<5	1.1	0.22	<0.5	0.55	0.09
11D16 870377	2.12	<5	1.2	980	15	11.9	3	25	0.8	0.26	0.8	19.8	<2	3690	<50	200	0.3	0.7	<2	1200	<0.5	0.30	0.4	<1	990	3.3	7	<5	0.6	<0.05	<0.5	0.17	<0.05
11D16 870378	1.75	13	2.0	760	18	15.7	7	27	<0.5	0.19	<0.5	24.9	<2	3020	<50	180	0.4	0.4	<3	2100	<0.5	<0.20	<0.3	<1	2200	2.0	5	<5	0.3	<0.07	<0.5	<0.08	<0.05
11D16 870379	2.51	<5	3.2	560	19	12.6	8	27	1.0	0.71	2.1	14.6	<2	5010	<50	130	0.4	2.2	<2	1300	0.7	2.00	0.8	<1	1100	9.8	20	10	1.6	0.36	<0.5	0.79	0.14
11D16 870380	2.64	17	2.5	1000	26	10.2	5	33	2.5	1.03	2.7	14.6	<2	5560	<50	180	0.4	3.2	<2	280	<0.5	2.20	1.0	2	1200	15.0	30	13	2.4	0.39	<0.5	1.10	0.18
11D16 870381	2.32	12	2.1	860	22	15.1	3	22	0.9	0.43	1.7	19.5	<2	3440	<50	130	0.5	1.2	<2	670	<0.5	1.00	<0.2	<1	1700	5.4	13	<5	0.9	0.20	<0.5	0.52	0.11
11D16 870382	1.95	<5	1.3	1000	14	16.8	4	27	4.2	0.29	1.3	20.1	<2	2220	<50	510	0.3	0.9	<2	1100	<0.5	0.70	0.6	<1	2500	3.6	8	<5	0.6	<0.06	<0.5	0.40	<0.05
11D16 870383	1.95	11	2.1	430	56	13.7	5	21	0.9	0.23	<0.5	24.3	<2	2760	<50	240	0.4	0.6	<3	790	<0.5	0.30	<0.3	<1	2500	3.1	8	<5	0.4	<0.06	<0.5	0.26	<0.05
11D16 870384	1.88	7	1.3	710	17	15.1	9	29	2.7	0.17	<0.5	23.5	2	2420	<50	270	0.4	0.4	<2	880	<0.5	<0.10	0.5	<1	2000	2.3	3	<5	0.3	<0.05	<0.5	0.23	<0.05
11D16 870385	2.08	<5	1.5	1300	17	13.1	5	26	1.3	0.40	1.4	17.4	<2	3190	<50	120	0.5	1.2	<2	1100	<0.5	1.10	<0.2	<1	1600	5.9	13	<5	1.0	0.28	<0.5	0.57	0.11
11D16 870386	2.12	10	1.5	1300	16	15.6	2	18	4.3	0.19	<0.5	22.0	<2	1030	<50	280	0.3	0.4	<2	720	<0.5	<0.10	<0.2	<1	1500	2.5	5	7	0.4	<0.05	<0.5	0.18	<0.05
11D16 870387x	3.34	<5	5.5	620	14	10.5	8	45	1.4	1.37	3.1	14.2	<2	9090	<50	78	0.5	4.2	<2	<260	0.6	3.30	1.3	<1	860	24.0	43	16	3.6	0.62	<0.5	1.27	<0.05
11D16 870387y	3.34	9	3.9	670	12	8.9	6	38	1.5	1.16	2.6	11.0	<2	7820	<50	77	0.5	3.6	<2	<230	<0.5	3.00	1.0	2	680	20.0	40	15	3.1	0.53	<0.5	1.30	0.22
11D16 870388	2.41	7	2.4	250	28	12.6	4	24	0.8	0.45	0.8	16.1	<2	9230	<50	83	0.6	1.3	<2	400	<0.5	1.00	<0.3	<1	1400	5.8	12	<5	0.8	<0.06	<0.5	0.38	0.07



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11D16	870389	20	548407	4976663	CO <sub>G</sub>	Balsam Fir Twig	7	0	Wet Medium Bog
11D16	870390	20	547016	4978416	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11D16	870391	20	547454	4973298	CO <sub>G</sub>	Balsam Fir Twig	5	1SE	Damp Medium Woodland
11D16	870392	20	546323	4972123	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11D16	870393	20	543422	4972217	CO <sub>G</sub>	Balsam Fir Twig	5	2S	Damp Dense Woodland
11D16	870394	20	541536	4970980	CO <sub>G</sub>	Balsam Fir Twig	6	2W	Damp Dense Woodland
11D16	870395	20	541210	4969065	CO <sub>G</sub>	Balsam Fir Twig	6	1W	Damp Open Woodland
11D16	870396	20	540659	4972702	CO <sub>G</sub>	Balsam Fir Twig	6	2S	Damp Medium Woodland
11D16	870397	20	545953	4969816	CO <sub>G</sub>	Balsam Fir Twig	5	3NE	Dry Dense Woodland
11E01	870398	20	576590	5008437	CO <sub>H</sub>	Balsam Fir Twig	5	0	Damp Dense Woodland
11E01	870399	20	574051	5007517	CO <sub>H</sub>	Balsam Fir Twig	6	0	Dry Open Woodland
11E01	870400	20	573901	5005050	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Damp Medium Woodland
11E01	870401	20	574751	5009478	CO <sub>G</sub>	Balsam Fir Twig	6	3SE	Dry Open Woodland
11E01	870402x	20	572870	5009512	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Dense Woodland
11E01	870402y	20	572870	5009512	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Dense Woodland
11E01	870403	20	571606	5008679	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870404	20	569443	5007586	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870405	20	577014	5006820	CO <sub>G</sub>	Balsam Fir Twig	5	2NE	Dry Open Woodland
11E01	870406	20	577486	5004413	CO <sub>G</sub>	Balsam Fir Twig	5	1NE	Damp Medium Woodland
11E01	870407	20	577083	5010166	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11F04	870409	20	601244	4998463	CO <sub>G</sub>	Balsam Fir Twig	7	1SE	Wet Medium Bog
11F04	870410	20	601567	5000772	CO <sub>G</sub>	Balsam Fir Twig	5	3NW	Damp Medium Woodland
11F04	870411	20	604545	5007128	CO <sub>G</sub>	Balsam Fir Twig	6	3NW	Damp Open Woodland
11F04	870412	20	605619	5007510	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11F04	870413	20	605328	5008836	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Dense Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11D16 870389	2.66	42	25.0	870	17	11.6	4	31	1.6	0.71	2.0	12.4	<2	4030	<50	100	0.6	2.2	<2	700	<0.5	2.20	0.5	<1	1400	12.0	24	10	1.8	0.39	<0.5	0.78	0.14
11D16 870390	1.75	11	1.4	1700	22	12.8	7	27	6.6	0.15	<0.5	23.6	<2	1440	57	540	0.5	0.4	<3	2500	<0.5	<0.20	<0.3	<1	2700	1.8	<3	<5	0.2	<0.07	<0.5	0.18	<0.05
11D16 870391	1.72	5	1.5	740	25	7.3	6	23	1.6	0.19	<0.5	25.1	<2	1740	<50	280	0.3	0.4	<2	870	<0.5	<0.10	<0.3	<1	2200	1.9	4	<5	0.3	<0.06	<0.5	0.16	<0.05
11D16 870392	1.78	<5	0.6	1200	15	13.5	4	29	1.5	0.19	<0.5	23.5	<2	2460	<50	330	0.4	0.4	<2	1400	<0.5	<0.10	0.4	<1	1800	1.9	4	<5	0.3	<0.05	<0.5	0.22	<0.05
11D16 870393	2.14	<5	1.5	910	15	13.6	6	21	3.2	0.25	<0.5	19.3	<2	2070	<50	240	0.4	0.6	<2	1700	<0.5	0.40	<0.3	1	2400	2.5	5	6	0.4	<0.05	<0.5	0.25	<0.05
11D16 870394	1.82	6	2.1	1200	22	10.0	6	25	2.2	0.27	0.6	26.7	<2	1810	<50	350	0.4	0.7	<2	960	<0.5	0.40	0.6	2	1400	2.9	6	<5	0.4	<0.05	<0.5	0.26	<0.05
11D16 870395	1.94	<5	1.2	580	23	13.4	3	22	2.7	0.20	<0.5	19.0	<2	4070	<50	160	0.3	0.5	<2	990	<0.5	0.40	<0.2	<1	1600	2.4	5	<5	0.3	<0.05	<0.5	<0.06	<0.05
11D16 870396	2.02	7	2.9	560	11	18.5	3	31	2.0	0.62	1.6	15.6	<2	3100	<50	190	0.5	1.8	<2	770	<0.5	1.10	0.6	<1	2200	6.8	15	9	1.2	0.20	<0.5	0.48	<0.05
11D16 870397	1.70	5	2.3	830	20	10.2	8	30	1.3	0.30	0.7	32.4	3	4190	<50	410	0.3	0.8	<3	1900	<0.5	<0.20	0.5	1	2600	3.1	5	<5	0.5	<0.07	<0.5	0.25	<0.05
11E01 870398	2.55	<5	3.5	950	53	10.9	11	55	10.0	1.12	2.5	23.7	<2	4420	<50	550	0.6	3.4	<4	<400	<0.7	2.80	1.0	<1	1900	15.0	32	13	2.5	0.50	<0.5	1.21	0.22
11E01 870399	1.90	<5	<0.5	800	68	14.1	5	24	1.7	0.17	0.6	30.8	<2	1880	<50	340	0.3	0.4	<3	570	<0.5	<0.20	<0.3	<1	2000	1.7	<3	<5	0.3	<0.07	<0.5	<0.09	<0.05
11E01 870400	2.17	<5	2.3	740	21	17.2	4	27	2.0	0.35	1.3	23.0	<2	2990	<50	210	0.4	1.0	<3	750	<0.5	0.30	0.4	<1	2300	4.4	11	<5	0.8	<0.06	<0.5	0.44	0.08
11E01 870401	2.60	5	4.1	1500	17	8.8	6	29	5.2	1.01	2.6	27.3	<2	4630	<50	440	0.5	3.2	<3	560	<0.5	1.90	<0.3	<1	1500	14.0	27	14	2.4	0.49	<0.5	1.08	0.19
11E01 870402x	3.17	7	3.9	1100	14	9.4	6	35	6.6	1.04	3.1	23.5	<2	4110	<50	420	0.4	3.3	<3	760	0.8	2.10	0.9	<1	1600	15.0	28	14	2.6	0.55	<0.5	1.15	0.19
11E01 870402y	3.17	9	4.1	950	13	9.0	6	36	6.8	1.07	3.2	23.9	<2	4320	<50	380	0.4	3.4	<4	580	0.9	3.00	1.1	<1	1600	15.0	28	18	2.6	0.41	<0.5	1.22	0.17
11E01 870403	2.73	6	4.3	850	17	12.2	6	37	2.7	1.28	4.4	16.7	<2	4850	<50	200	0.6	4.1	<3	<300	0.9	3.40	1.3	1	1100	19.0	38	19	3.3	0.69	<0.5	1.62	0.12
11E01 870404	2.76	<5	3.6	1700	17	12.2	7	39	1.9	1.25	2.8	20.3	<2	4550	<50	200	0.4	3.7	<3	370	<0.5	2.50	1.0	<1	1500	16.0	30	16	3.0	0.62	<0.5	1.26	0.23
11E01 870405	2.37	6	3.1	760	22	9.9	6	32	3.3	0.91	2.2	23.5	<2	4880	<50	350	0.4	2.8	<3	340	<0.5	2.00	0.8	<1	1500	11.0	22	13	1.9	0.33	<0.5	0.91	0.12
11E01 870406	1.84	7	1.6	1000	27	15.6	5	27	7.2	0.17	<0.5	26.8	<2	2670	<50	350	0.4	0.4	<3	1500	<0.5	<0.20	<0.3	<1	2900	1.5	5	<5	0.2	<0.07	<0.5	0.20	<0.05
11E01 870407	1.92	13	7.9	1100	27	15.5	6	25	7.7	0.32	0.6	28.3	<2	2370	<50	400	0.4	0.8	<3	340	<0.5	<0.20	<0.3	<1	4000	3.6	8	<5	0.6	<0.07	<0.5	0.27	<0.05
11F04 870409	2.11	<5	2.5	530	24	19.2	5	25	3.9	0.29	0.7	22.8	<2	5540	<50	280	0.4	0.8	<3	1600	<0.5	<0.20	<0.3	1	2700	3.1	6	<5	0.4	<0.07	<0.5	0.22	<0.05
11F04 870410	1.99	<5	1.8	600	27	22.3	3	25	3.9	0.25	<0.5	22.7	<2	4510	<50	240	0.4	0.6	<3	1500	<0.5	<0.20	<0.3	<1	1900	3.4	5	<5	0.5	0.18	<0.5	<0.08	<0.05
11F04 870411	1.97	9	2.8	1300	18	16.4	4	31	4.8	0.43	2.4	27.0	<2	4270	<50	360	0.5	1.4	<3	1400	<0.5	2.10	0.8	<1	2100	11.0	21	14	1.8	<0.08	<0.5	0.73	0.11
11F04 870412	2.33	<5	1.5	1100	18	22.9	4	18	4.5	0.19	<0.5	22.0	2	2070	<50	250	0.3	0.4	<3	1100	<0.5	<0.10	<0.2	<1	2100	2.6	6	<5	0.4	<0.06	<0.5	0.18	<0.05
11F04 870413	1.99	<5	2.3	2700	21	12.6	5	26	1.8	0.30	2.2	29.8	<2	4970	<50	320	0.2	1.2	<3	510	<0.5	1.70	0.8	<1	2300	11.0	20	16	1.7	0.28	<0.5	0.70	0.08

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F04	870414	20	605235	5009822	CO <sub>G</sub>	Balsam Fir Twig	5	2W	Damp Open Woodland
11F04	870416	20	606239	5004748	CO <sub>G</sub>	Balsam Fir Twig	5	3W	Damp Medium Woodland
11F04	870417	20	606324	5005765	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11F04	870418	20	607381	5006155	CO <sub>G</sub>	Balsam Fir Twig	5	1N	Damp Dense Woodland
11F04	870419	20	608184	5007155	DC <sub>g</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11F04	870420	20	607822	5007853	DC <sub>g</sub>	Balsam Fir Twig	5	2W	Damp Medium Woodland
11F04	870421	20	607063	5008247	DC <sub>g</sub>	Balsam Fir Twig	5	2NE	Damp Medium Woodland
11F04	870422	20	608308	5005477	CO <sub>G</sub>	Balsam Fir Twig	5	0	Wet Medium Woodland
11F04	870423	20	609068	5004842	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11F04	870424	20	610878	5005475	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Logged
11F04	870425	20	610354	5003934	CO <sub>H</sub>	Balsam Fir Twig	4	0	Wet Medium Bog
11F04	870426x	20	608256	5003143	CO <sub>G</sub>	Balsam Fir Twig	7	1NE	Damp Open Woodland
11F04	870426y	20	608256	5003143	CO <sub>G</sub>	Balsam Fir Twig	7	1NE	Damp Open Woodland
11E02	870444	20	521300	4990200	CO <sub>G</sub>	Balsam Fir Twig	5		Dry Medium Woodland
11E01	870452	20	567730	5005728	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870453x	20	566466	5003885	CO <sub>G</sub>	Balsam Fir Twig	5	1SE	Damp Medium Woodland
11E01	870453y	20	566466	5003885	CO <sub>G</sub>	Balsam Fir Twig	5	1SE	Damp Medium Woodland
11E01	870455	20	565711	4999768	CO <sub>G</sub>	Balsam Fir Twig	5	2W	Damp Open Woodland
11E01	870456	20	565597	4997729	CO <sub>G</sub>	Balsam Fir Twig	6	1NE	Damp Medium Woodland
11E01	870457	20	563783	5002472	CO <sub>G</sub>	Balsam Fir Twig	4	1N	Damp Medium Logged
11E01	870458	20	561830	5002721	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Wet Medium Woodland
11E01	870459	20	559802	5003726	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870460	20	559294	5010665	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Dense Woodland
11E01	870461	20	561223	5006995	CO <sub>G</sub>	Balsam Fir Twig	7	2W	Damp Medium Woodland
11E01	870462	20	562116	5008260	CO <sub>G</sub>	Balsam Fir Twig	4	0	Wet Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F04 870414	2.53	7	2.9	560	31	15.7	4	32	5.0	0.38	1.5	25.9	3	3300	58	410	0.3	1.2	<3	890	<0.5	2.00	0.6	<1	1800	11.0	21	14	1.7	0.26	<0.5	0.52	0.12
11F04 870416	2.13	25	26.0	1000	21	17.3	6	29	1.5	0.47	1.2	22.7	<2	6550	<50	170	0.3	1.6	<3	600	0.8	1.30	<0.3	<1	2000	8.5	15	8	1.2	0.22	<0.5	0.56	<0.05
11F04 870417	2.03	5	3.3	410	23	18.7	4	24	5.6	0.32	1.0	22.4	<2	5960	<50	340	0.4	0.9	<3	350	<0.5	<0.20	0.5	<1	2600	6.0	11	9	0.9	<0.07	<0.5	0.39	<0.05
11F04 870418	2.38	10	13.0	470	22	18.5	4	19	2.9	0.39	1.4	26.7	<2	4570	<50	260	0.3	1.2	<3	1400	<0.5	1.10	0.7	<1	1700	9.7	20	<5	1.4	<0.06	<0.5	0.50	0.09
11F04 870419	2.25	12	2.8	670	31	21.9	3	21	1.1	0.36	1.0	22.7	<2	3860	<50	170	0.4	1.1	<3	930	<0.5	0.60	<0.3	<1	2000	5.8	11	<5	1.0	0.28	<0.5	0.50	0.07
11F04 870420	2.10	6	2.5	1100	22	18.7	3	25	4.7	0.21	0.8	24.0	<2	2670	<50	330	0.3	0.7	<3	1400	<0.5	0.50	<0.3	<1	2600	4.5	8	<5	0.7	<0.07	<0.5	0.31	0.05
11F04 870421	1.68	6	2.1	1300	18	22.4	3	22	2.7	0.26	0.6	20.9	3	2840	<50	240	0.3	0.6	<3	740	<0.5	0.60	<0.3	<1	2200	3.8	9	<5	0.6	0.12	<0.5	0.25	0.06
11F04 870422	1.87	11	22.0	630	27	17.8	7	23	3.3	0.40	0.8	23.9	<2	4420	<50	180	0.4	1.2	<3	810	<0.5	1.00	<0.3	<1	1500	9.7	19	<5	1.5	<0.07	<0.5	0.65	<0.05
11F04 870423	2.20	<5	2.1	620	24	20.4	3	20	2.4	0.25	0.5	20.5	<2	2670	<50	170	0.4	0.7	<3	710	<0.5	0.20	<0.3	<1	2100	4.4	7	5	0.7	<0.06	<0.5	0.29	<0.05
11F04 870424	2.03	<5	2.4	570	18	17.1	4	20	5.2	0.26	0.5	22.2	<2	3200	<50	260	0.3	0.7	<2	1100	<0.5	0.40	<0.2	<1	1900	3.6	6	<5	0.6	<0.05	<0.5	0.28	0.05
11F04 870425	1.94	7	2.3	460	12	15.5	3	20	4.7	0.13	<0.5	25.4	<2	1800	<50	220	0.3	0.3	<2	660	<0.5	<0.10	<0.2	<1	1400	1.3	<3	<5	0.2	<0.06	<0.5	0.13	<0.05
11F04 870426x	2.26	6	4.9	590	20	21.1	3	23	2.0	0.20	<0.5	18.2	<2	2290	<50	210	0.4	0.5	5	350	<0.5	<0.20	<0.3	<1	1500	2.5	6	<5	0.4	0.14	<0.5	<0.08	<0.05
11F04 870426y	2.26	<5	4.5	640	24	23.8	3	36	2.4	0.25	<0.5	18.8	<2	2640	<50	230	0.5	0.6	<4	<330	<0.5	<0.20	<0.4	<1	1600	2.9	7	<5	0.5	<0.08	<0.5	0.19	<0.05
11E02 870444	1.69	170	1.9	1900	40	18.9	5	37	3.0	0.34	<0.5	24.2	<2	2750	<50	300	0.6	0.9	<4	1200	<0.5	<0.20	<0.4	<1	2400	4.8	10	<5	0.7	<0.09	<0.5	0.34	<0.05
11E01 870452	2.61	5	4.3	1600	10	12.7	7	34	5.6	1.24	3.7	21.7	<2	5140	<50	240	0.5	4.0	<3	550	1.7	3.40	1.2	<1	1200	18.0	34	13	3.3	0.53	<0.5	1.64	0.25
11E01 870453x	2.86	<5	3.7	1100	11	17.1	5	33	1.4	0.78	1.9	19.6	3	3200	<50	170	0.4	2.4	<3	510	<0.5	1.80	0.6	<1	1700	9.2	19	11	1.7	0.40	<0.5	0.92	0.15
11E01 870453y	2.86	5	3.4	1200	9	17.4	5	29	1.6	0.78	2.0	19.9	<2	3210	<50	150	0.3	2.3	<3	590	<0.5	1.70	<0.3	<1	1600	8.9	18	15	1.6	0.32	<0.5	0.81	0.12
11E01 870455	2.61	<5	16.0	2400	7	15.1	5	25	1.5	0.81	2.3	18.3	<2	4280	<50	180	0.3	2.5	<2	1000	0.6	1.60	0.7	<1	1500	10.0	18	8	1.6	0.25	<0.5	0.80	0.15
11E01 870456	2.54	<5	4.9	1000	12	12.2	7	35	3.7	1.10	2.6	22.1	<2	5470	<50	320	0.4	3.4	<2	330	<0.5	2.10	0.9	<1	1500	15.0	28	15	2.3	0.40	<0.5	1.07	0.16
11E01 870457	2.12	<5	1.8	1100	13	13.3	5	18	1.1	0.31	0.7	28.3	3	4010	<50	150	0.3	0.8	<3	460	<0.5	0.30	<0.3	<1	2200	3.8	8	<5	0.6	<0.07	<0.5	0.40	0.06
11E01 870458	2.15	9	1.6	1600	16	21.0	5	17	2.0	0.18	<0.5	28.2	<2	1790	<50	320	0.3	0.4	<3	1800	<0.5	<0.10	<0.3	<1	2800	2.1	4	<5	0.3	<0.06	<0.5	<0.07	<0.05
11E01 870459	2.24	<5	1.1	1800	19	21.7	4	18	5.9	0.18	0.7	23.9	3	1180	<50	260	0.3	0.5	<3	1600	<0.5	0.30	<0.3	<1	2400	2.4	5	<5	0.4	<0.06	<0.5	<0.07	<0.05
11E01 870460	2.27	<5	0.9	1300	16	23.0	3	20	11.0	0.27	0.9	22.3	<2	2720	<50	430	0.4	0.7	<3	1200	<0.5	0.50	<0.3	<1	3400	3.6	6	<5	0.6	<0.06	<0.5	0.34	<0.05
11E01 870461	1.84	14	2.4	1900	19	18.9	3	23	1.2	0.20	<0.5	29.0	<2	1380	<50	280	0.3	0.4	<3	990	<0.5	<0.10	<0.3	<1	1800	1.8	<3	<5	0.2	<0.07	<0.5	0.17	<0.05
11E01 870462	1.92	6	1.0	3000	12	19.3	2	19	0.6	0.18	0.6	24.5	<2	1610	<50	190	0.3	0.4	<3	1200	<0.5	0.30	<0.3	<1	2400	2.1	<3	7	0.3	<0.06	<0.5	0.18	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E01	870463	20	564138	5009902	DC <sub>g</sub>	Balsam Fir Twig	5	1S	Damp Medium Logged
11E01	870464	20	560173	5008747	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Medium Woodland
11E08	870465	20	557868	5012065	DC <sub>g</sub>	Balsam Fir Twig	5	0	Damp Open Woodland
11E08	870466x	20	555306	5012603	EC <sub>s</sub>	Balsam Fir Twig	5	2NE	Damp Medium Woodland
11E08	870466y	20	555306	5012603	EC <sub>s</sub>	Balsam Fir Twig	5	2NE	Damp Medium Woodland
11E08	870467	20	553433	5012553	EC <sub>s</sub>	Balsam Fir Twig	5	2NW	Damp Medium Woodland
11E08	870468	20	551204	5012935	EC <sub>s</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E08	870469	20	549511	5013390	EC <sub>s</sub>	Balsam Fir Twig	5	2NE	Dry Medium Woodland
11E08	870470	20	557111	5013574	EC <sub>CN</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E08	870471	20	558960	5013221	EC <sub>CN</sub>	Balsam Fir Twig	6	0	Damp Open Woodland
11E08	870472	20	560921	5013305	EC <sub>s</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11E08	870473	20	562816	5012638	EC <sub>s</sub>	Balsam Fir Twig	5	2N	Damp Medium Woodland
11E08	870474	20	564381	5012857	EC <sub>s</sub>	Balsam Fir Twig	5	0	Wet Medium Woodland
11E01	870475	20	565729	4995870	CO <sub>H</sub>	Balsam Fir Twig	6	2SW	Damp Medium Woodland
11E01	870476	20	563887	4994621	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Damp Open Woodland
11E01	870477	20	564358	4993428	CO <sub>G</sub>	Balsam Fir Twig	5	2SW	Damp Medium Woodland
11E01	870478	20	565621	4991994	CO <sub>H</sub>	Balsam Fir Twig	5	2SW	Damp Dense Woodland
11E01	870479	20	567336	4990729	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Open Woodland
11E01	870480	20	564701	4990682	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Medium Bog
11E01	870481	20	562352	4990223	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870482	20	561767	4994759	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Medium Woodland
11E01	870483	20	559952	4995633	CO <sub>H</sub>	Balsam Fir Twig	6	1SW	Dry Open Woodland
11E01	870484	20	557044	4995905	CO <sub>G</sub>	Balsam Fir Twig	5	1S	Damp Medium Woodland
11E01	870485	20	554960	4995594	CO <sub>G</sub>	Balsam Fir Twig	5	2SE	Damp Medium Woodland
11E01	870486	20	552985	4995215	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Dense Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E01 870463	1.91	6	3.6	740	16	17.9	3	26	2.1	0.49	0.9	24.6	3	2470	<50	190	0.8	1.2	<2	1100	<0.5	0.50	<0.3	<1	2300	5.1	9	<5	0.8	0.17	<0.5	0.36	0.05
11E01 870464	2.40	<5	2.3	2700	10	18.2	4	18	1.2	0.39	1.1	21.3	<2	1960	<50	170	0.3	1.0	<2	790	0.5	0.70	<0.3	<1	3200	4.8	9	<5	0.8	0.25	<0.5	0.46	0.07
11E08 870465	2.04	5	1.2	1700	9	16.4	4	19	2.2	0.25	0.7	23.7	<2	1030	<50	830	0.3	0.6	4	910	<0.5	0.30	<0.3	<1	3900	2.8	6	<5	0.4	<0.07	<0.5	0.18	<0.05
11E08 870466x	2.29	<5	1.6	3200	10	16.5	3	26	<0.5	0.14	<0.5	24.3	<2	1250	69	100	0.2	0.4	<3	450	<0.5	<0.20	<0.3	<1	1600	2.5	4	<5	0.4	0.15	<0.5	0.16	<0.05
11E08 870466y	2.29	<5	1.2	3100	9	14.9	3	26	0.5	0.15	<0.5	27.8	<2	1190	57	95	0.2	0.4	<3	330	0.5	0.40	<0.3	<1	1500	2.7	4	<5	0.4	<0.07	<0.5	0.19	0.05
11E08 870467	2.16	<5	<0.5	700	14	12.9	4	23	0.9	0.15	<0.5	27.0	<2	1200	<50	430	0.1	0.4	<2	260	<0.5	0.20	<0.3	<1	2300	1.5	<3	<5	0.2	<0.06	<0.5	0.18	<0.05
11E08 870468	1.96	7	1.5	2700	11	14.0	4	32	1.0	0.22	1.2	23.9	<2	963	80	200	0.2	0.6	<2	160	<0.5	0.20	0.4	<1	1800	2.6	4	<5	0.4	<0.05	<0.5	0.19	<0.05
11E08 870469	2.25	<5	1.5	4000	28	15.7	4	19	0.5	0.18	0.8	21.3	<2	3100	55	100	0.2	0.4	<2	570	<0.5	<0.10	<0.2	2	2200	2.3	<3	<5	0.3	<0.05	<0.5	0.25	<0.05
11E08 870470	2.15	<5	4.0	2200	54	6.9	12	25	2.2	0.97	3.2	22.7	<2	4870	<50	290	0.6	2.9	<2	230	<0.5	2.30	<0.3	<1	1900	14.0	26	15	2.6	0.57	0.5	1.17	0.25
11E08 870471	1.98	6	1.7	1700	19	10.4	6	17	1.4	0.43	1.2	20.1	<2	3910	<50	200	0.4	1.3	<3	660	<0.5	0.80	<0.3	<1	1600	5.5	11	<5	0.9	0.22	<0.5	0.54	0.09
11E08 870472	1.82	5	2.1	3100	11	15.9	3	23	0.8	0.26	0.7	26.0	<2	1790	69	100	0.3	0.7	<2	660	<0.5	0.30	<0.2	<1	3300	3.6	6	<5	0.4	<0.06	<0.5	0.27	<0.05
11E08 870473	2.08	5	1.9	1300	13	13.5	6	19	0.9	0.23	0.6	19.5	<2	1980	<50	200	0.3	0.6	<2	620	<0.5	0.30	<0.2	<1	1900	2.7	7	<5	0.4	<0.05	<0.5	0.18	0.05
11E08 870474	2.32	5	2.0	2100	15	10.4	5	26	1.0	0.45	1.2	22.8	<2	3220	<50	110	0.3	1.5	<2	320	<0.5	0.80	<0.2	<1	2200	6.0	13	7	0.9	0.34	<0.5	0.49	0.10
11E01 870475	2.38	8	5.4	790	10	13.5	6	29	2.3	1.09	2.8	17.0	<2	6300	<50	180	0.5	3.6	<2	620	<0.5	2.40	0.6	<1	1700	16.0	30	16	2.5	0.53	<0.5	1.21	0.22
11E01 870476	2.11	<5	2.9	1400	18	11.0	4	13	1.6	0.47	1.0	19.6	<2	2750	<50	160	0.2	1.4	<2	550	<0.5	0.80	<0.2	<1	2100	5.6	10	8	0.8	0.20	<0.5	0.43	0.09
11E01 870477	2.21	<5	0.6	1000	16	18.0	3	20	1.6	0.10	<0.5	20.2	<2	1450	<50	150	0.2	0.3	<2	830	<0.5	<0.10	<0.2	<1	2200	1.3	3	<5	0.2	0.13	<0.5	<0.05	<0.05
11E01 870478	1.88	5	1.4	260	10	16.8	2	7	6.6	0.18	<0.5	18.0	<2	965	<50	230	0.2	0.4	<2	740	<0.5	0.10	0.4	<1	1900	2.0	4	<5	0.3	<0.05	<0.5	0.13	<0.05
11E01 870479	2.13	<5	1.7	1500	10	14.6	10	17	0.7	0.17	0.6	18.6	3	1730	<50	170	0.3	0.5	<2	1000	<0.5	0.20	<0.2	<1	1600	2.2	5	<5	0.3	<0.05	<0.5	0.21	<0.05
11E01 870480	2.35	8	2.5	3000	30	20.1	5	12	0.8	0.22	1.3	21.7	<2	1130	<50	97	0.4	0.6	<3	560	<0.5	0.20	<0.3	<1	1500	3.0	6	<5	0.5	<0.06	<0.5	0.16	<0.05
11E01 870481	2.15	<5	0.8	1000	16	12.0	5	25	2.9	0.18	<0.5	26.1	<2	2990	<50	350	0.3	0.4	<2	970	<0.5	<0.10	<0.2	<1	2100	1.8	5	<5	0.3	<0.06	<0.5	<0.06	<0.05
11E01 870482	2.00	8	5.1	2100	11	17.4	10	23	1.6	0.87	2.1	17.3	<2	4150	<50	190	0.4	2.6	<3	590	<0.5	1.50	0.8	<1	1100	14.0	27	15	2.1	0.44	<0.5	0.87	0.18
11E01 870483	2.48	7	6.6	610	12	11.7	8	28	2.5	1.35	3.3	15.6	<2	6370	<50	120	0.4	4.2	<2	340	<0.5	3.00	0.7	<1	1400	21.0	42	23	3.2	0.72	0.5	1.58	0.25
11E01 870484	2.51	<5	4.3	1100	21	11.7	6	24	3.1	0.78	2.0	18.4	2	4290	<50	380	0.3	2.5	<2	1100	<0.5	1.60	0.8	<1	1900	11.0	22	15	1.8	0.41	<0.5	0.93	0.12
11E01 870485	2.18	10	3.0	1200	34	14.0	10	20	5.0	0.81	2.3	24.7	2	3740	51	350	0.4	2.7	<3	770	0.9	1.90	0.6	<1	2100	11.0	22	10	1.8	0.39	<0.5	0.86	0.11
11E01 870486	2.09	10	3.1	1200	35	14.1	10	20	5.0	0.82	2.3	24.9	2	3770	52	350	0.4	2.7	<3	780	0.9	1.90	0.6	<1	2100	11.0	22	10	1.8	0.40	<0.5	0.86	0.11

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E01	870487	20	558249	4994384	COH	Balsam Fir Twig	5	0	Dry Medium Woodland
11E01	870488	20	559407	4991896	COG	Balsam Fir Twig	4	0	Damp Medium Woodland
11E01	870489	20	559940	4990228	COH	Balsam Fir Twig	4	2S	Damp Medium Woodland
11E01	870490x	20	560761	4988257	COG	Balsam Fir Twig	4	0	Wet Medium Woodland
11E01	870490y	20	560761	4988257	COG	Balsam Fir Twig	4	0	Wet Medium Woodland
11E01	870491	20	561777	4986715	COG	Balsam Fir Twig	5	1S	Wet Medium Woodland
11E01	870492	20	563414	4984469	COH	Balsam Fir Twig	5	0	Damp Dense Woodland
11E01	870493	20	565462	4984524	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870494	20	565745	4985732	COG	Balsam Fir Twig	5	2SW	Damp Dense Woodland
11E01	870495	20	558095	4990345	COH	Balsam Fir Twig	5	0	Damp Open Woodland
11E01	870496	20	556980	4988773	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870497	20	557715	4983326	COH	Balsam Fir Twig	5	0	Damp Medium Woodland
11D16	870498	20	554492	4980702	COG	Balsam Fir Twig	6	2W	Damp Medium Logged
11D16	870499	20	556289	4982010	COG	Balsam Fir Twig	6	0	Dry Dense Woodland
11E01	870500	20	556168	4985221	COG	Balsam Fir Twig	5	1NW	Damp Dense Woodland
11E01	870501	20	555227	4987062	COG	Balsam Fir Twig	5	2NW	Damp Open Woodland
11E01	870502	20	554839	4989051	COH	Balsam Fir Twig	5	1SE	Dry Dense Woodland
11E01	870503	20	555224	4990983	COH	Balsam Fir Twig	5	1NW	Damp Dense Woodland
11E01	870504	20	552767	4989214	COH	Balsam Fir Twig	6	0	Dry Dense Woodland
11E01	870505	20	551339	4990635	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11E01	870506	20	550224	4988553	COH	Balsam Fir Twig	4	0	Wet Dense Bog
11E08	870507	20	568470	5011745	ECs	Balsam Fir Twig	5	2NE	Wet Medium Woodland
11E08	870508	20	566026	5013187	ECs	Balsam Fir Twig	5	1NW	Damp Medium Woodland
11E08	870509	20	567526	5013914	ECs	Balsam Fir Twig	6	0	Wet Medium Bog
11E08	870510	20	556074	5014669	ECN	Balsam Fir Twig	6	0	Dry Open Logged

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E01 870487	2.40	7	3.5	1400	17	15.0	6	17	3.5	0.68	2.0	20.7	<2	3730	<50	300	0.4	2.0	<2	800	<0.5	1.40	0.6	<1	2600	8.2	18	9	1.5	0.31	<0.5	0.74	0.12
11E01 870488	2.18	<5	3.8	2900	12	12.5	5	30	2.6	0.86	2.8	21.5	3	3970	54	260	0.4	2.7	<2	650	<0.5	2.00	0.5	<1	2600	13.0	25	12	2.1	0.48	<0.5	0.92	0.20
11E01 870489	2.11	6	3.2	2600	12	18.4	5	22	1.5	0.66	2.9	20.5	<2	3020	<50	270	0.5	2.0	<2	850	<0.5	1.90	0.6	<1	2300	10.0	19	7	1.7	0.40	<0.5	0.87	0.20
11E01 870490x	3.64	<5	9.6	1600	25	12.3	9	43	2.0	1.74	4.2	18.0	3	6420	<50	120	0.6	5.6	<3	<200	<0.5	4.50	1.3	<1	1200	29.0	57	29	4.6	0.98	0.7	2.02	0.31
11E01 870490y	3.64	5	6.8	1300	19	10.5	9	29	1.7	1.57	3.7	15.7	3	5500	74	100	0.6	4.9	<2	<180	<0.5	3.90	1.2	<1	990	25.0	50	27	4.0	0.88	0.6	1.68	0.33
11E01 870491	3.29	<5	7.6	940	9	9.3	10	38	2.3	1.71	5.0	14.5	3	8490	<50	170	0.6	5.6	<2	560	<0.5	4.40	1.4	<1	1900	25.0	50	23	4.2	0.85	0.5	1.90	0.33
11E01 870492	2.70	6	3.9	1600	24	14.3	7	20	1.2	0.88	2.1	19.1	<2	4200	<50	92	0.4	2.9	<2	220	<0.5	1.90	0.9	<1	1100	15.0	29	14	2.4	0.56	<0.5	1.00	0.13
11E01 870493	2.37	5	1.9	1900	18	15.8	10	14	4.2	0.25	0.6	22.9	<2	2220	75	250	0.4	0.6	<2	1300	<0.5	0.33	<0.3	<1	2100	3.0	6	<5	0.5	0.15	<0.5	0.22	<0.05
11E01 870494	1.96	<5	0.8	940	12	12.3	4	17	4.4	0.15	<0.5	20.7	<2	1390	<50	470	0.2	0.3	<2	1300	<0.5	<0.09	0.3	<1	1200	1.4	4	<5	0.2	0.13	<0.5	0.10	<0.05
11E01 870495	2.13	<5	1.0	1000	13	17.2	3	7	2.4	0.17	<0.5	21.3	<2	838	<50	370	0.2	0.4	<2	710	<0.5	0.12	<0.2	<1	1700	1.9	4	<5	0.3	<0.05	<0.5	0.15	<0.05
11E01 870496	1.96	<5	0.9	1100	10	17.3	3	22	2.8	0.23	<0.5	17.5	<2	2030	<50	150	0.2	0.6	<2	460	<0.5	0.35	0.3	<1	1400	2.2	7	<5	0.3	<0.06	<0.5	0.19	<0.05
11E01 870497	2.02	<5	2.1	1200	9	11.8	3	18	3.8	0.56	1.6	19.9	3	2470	<50	340	0.4	1.7	<2	790	<0.5	1.10	0.5	<1	1400	6.6	13	6	1.0	0.24	<0.5	0.65	0.11
11D16 870498	1.81	6	1.7	3000	15	16.3	3	20	1.2	0.23	0.7	23.1	<2	1670	<50	300	0.4	0.7	<2	850	<0.5	0.35	<0.2	<1	1600	3.1	7	<5	0.4	<0.06	<0.5	0.19	0.05
11D16 870499	2.08	5	1.7	700	11	13.0	4	13	1.4	0.33	0.8	22.3	<2	2120	<50	120	0.3	0.9	<2	220	<0.5	0.46	<0.2	<1	2300	3.9	8	5	0.6	0.16	<0.5	0.28	0.05
11E01 870500	2.24	7	2.3	540	14	9.6	8	24	1.8	0.56	1.7	23.6	<2	2800	<50	240	0.4	1.8	4	820	<0.5	1.20	0.5	<1	1700	6.6	15	5	1.0	0.24	<0.5	0.67	0.11
11E01 870501	2.39	6	2.6	1300	14	11.4	7	21	0.5	0.76	2.6	17.6	4	3770	71	83	0.3	2.4	<2	470	0.8	1.50	0.4	<1	1400	9.6	18	12	1.5	0.36	<0.5	0.92	0.17
11E01 870502	1.62	8	3.4	470	13	10.0	9	29	4.4	0.69	1.7	26.8	<2	3710	55	410	0.4	2.1	<2	610	0.7	1.20	<0.2	<1	2100	8.1	18	8	1.4	0.34	<0.5	0.68	0.12
11E01 870503	1.80	<5	1.8	480	30	10.8	4	11	1.7	0.29	0.8	24.4	<2	1390	<50	250	0.4	0.8	<2	550	<0.5	0.50	<0.2	<1	1600	3.9	7	<5	0.5	0.17	<0.5	0.34	0.07
11E01 870504	2.47	7	3.6	1100	110	10.5	14	20	2.3	0.93	2.2	17.7	<2	3400	<50	190	0.5	2.9	<2	550	<0.5	1.50	0.6	<1	1500	11.0	19	<5	1.8	0.38	<0.5	0.89	0.13
11E01 870505	1.69	<5	0.7	1300	77	12.2	7	22	5.3	0.21	<0.5	28.6	<2	1090	54	480	0.3	0.5	<3	1300	<0.5	0.25	<0.3	<1	1700	2.2	4	<5	0.3	<0.06	<0.5	0.25	<0.05
11E01 870506	2.12	<5	0.9	2400	15	16.5	6	11	<0.5	0.12	<0.5	22.8	<2	979	<50	120	0.2	0.3	<2	530	<0.5	<0.10	<0.2	<1	1200	1.9	<3	<5	0.1	<0.06	<0.5	0.10	<0.05
11E08 870507	2.27	8	2.5	2500	31	9.7	6	21	<0.5	0.43	2.2	25.7	<2	1800	<50	130	0.3	1.3	<2	710	<0.5	0.95	<0.3	<1	1400	6.2	14	9	0.9	0.22	<0.5	0.47	0.06
11E08 870508	2.21	<5	2.8	1800	15	12.9	6	14	1.5	0.62	2.2	22.5	<2	2870	<50	170	0.4	2.0	<2	390	<0.5	1.40	0.6	<1	1700	8.2	16	10	1.4	0.35	<0.5	0.81	0.11
11E08 870509	2.08	9	1.2	2700	36	10.2	6	14	0.8	0.23	0.9	23.3	<2	1620	<50	170	0.3	0.7	<2	650	<0.5	0.38	<0.2	<1	1500	3.0	6	<5	0.5	0.19	<0.5	0.22	<0.05
11E08 870510	2.42	<5	1.6	2400	16	15.6	4	20	0.6	0.31	0.8	20.3	2	2520	<50	160	0.4	0.8	<2	740	<0.5	0.33	<0.2	<1	1500	3.2	7	<5	0.4	0.18	<0.5	0.22	<0.05



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E08	870511	20	553686	5015041	ECN	Balsam Fir Twig	6	1SE	Damp Open Logged
11E08	870512x	20	552791	5016732	ECN	Balsam Fir Twig	5	0	Damp Dense Woodland
11E08	870512y	20	552791	5016732	ECN	Balsam Fir Twig	5	0	Damp Dense Woodland
11E08	870513	20	550813	5016737	ECN	Balsam Fir Twig	6	1S	Damp Medium Woodland
11E08	870514	20	550929	5018571	ECN	Balsam Fir Twig	6	0	Dry Dense Woodland
11E08	870515x	20	550025	5020677	ECN	Balsam Fir Twig	5	1S	Damp Dense Woodland
11E08	870515y	20	550025	5020677	ECN	Balsam Fir Twig	5	1S	Damp Dense Woodland
11E08	870516	20	567292	5017736	ECN	Balsam Fir Twig	6	1N	Wet Medium Woodland
11E08	870518	20	564165	5016259	ECN	Balsam Fir Twig	6	0	Damp Open Woodland
11E08	870519	20	563503	5014856	ECN	Balsam Fir Twig	7	2S	Damp Dense Woodland
11E08	870520	20	562643	5017909	ECN	Balsam Fir Twig	5	0	Damp Medium Woodland
11E08	870521	20	564517	5019114	ECN	Balsam Fir Twig	6	1S	Dry Medium Woodland
11E08	870522	20	566763	5016200	ECN	Balsam Fir Twig	5	0	Damp Dense Woodland
11D15	870526	20	527961	4961513	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D15	870528	20	525684	4961499	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11D15	870529	20	525717	4961909	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D15	870530	20	525541	4962607	COG	Balsam Fir Twig	5	2NW	Damp Dense Bog
11D15	870531	20	525368	4963052	COG	Balsam Fir Twig	5	0	Damp Dense Bog
11D15	870532	20	525182	4963545	COG	Balsam Fir Twig	5	0	Damp Dense Bog
11D15	870533	20	524908	4964087	COG	Balsam Fir Twig	5	0	Damp Dense Woodland
11D15	870534	20	525492	4965670	COG	Balsam Fir Twig	5	1SW	Damp Dense Woodland
11D15	870535	20	524855	4967696	DCg	Balsam Fir Twig	5	0	Damp Dense Woodland
11D15	870536	20	525383	4960934	COG	Balsam Fir Twig	6	2W	Damp Open Woodland
11D15	870539	20	525257	4961543	COG	Balsam Fir Twig	5	2NW	Damp Medium Woodland
11D15	870540	20	524780	4961554	COG	Balsam Fir Twig	6	0	Damp Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E08 870511	2.31	7	4.6	2200	15	12.4	8	22	1.6	1.29	3.8	15.3	3	3170	<50	110	0.5	3.8	<2	690	0.9	3.40	1.2	<1	1500	20.0	40	24	3.7	0.76	0.5	1.60	0.28
11E08 870512x	2.96	7	6.9	1600	15	13.4	8	39	2.4	1.49	3.9	18.5	3	3990	<50	140	0.7	4.5	<3	700	0.9	4.30	1.4	<1	1300	24.0	47	31	4.2	0.81	0.7	1.83	0.22
11E08 870512y	2.96	<5	7.4	1500	13	11.1	7	38	2.0	1.42	3.5	16.3	<2	3730	<50	140	0.5	4.2	<2	480	0.8	4.20	1.6	<1	1200	22.0	41	22	4.0	0.74	0.5	1.82	0.30
11E08 870513	2.51	<5	3.5	2500	22	13.9	6	25	2.3	0.78	2.6	17.8	<2	2340	<50	130	0.4	2.2	<2	<200	<0.5	2.10	1.0	<1	1700	10.0	20	8	1.7	0.36	<0.5	0.92	0.19
11E08 870514	2.45	5	4.9	1900	17	12.7	8	36	1.5	1.02	3.0	20.6	<2	3540	<50	110	0.5	3.1	<3	630	1.0	2.60	<0.3	1	2400	15.0	30	18	2.6	0.57	0.5	1.18	0.20
11E08 870515x	3.10	13	4.7	960	12	13.4	7	29	1.6	1.12	2.7	18.1	<2	3260	<50	92	0.4	3.3	<3	590	<0.5	3.40	<0.3	<1	1500	17.0	33	20	3.1	0.61	<0.5	1.40	0.22
11E08 870515y	3.10	<5	4.7	1000	14	13.4	7	35	1.7	1.12	3.1	17.9	<2	3250	<50	80	0.5	3.4	<3	700	<0.5	2.90	1.2	<1	1500	17.0	34	23	3.2	0.57	0.8	1.43	0.24
11E08 870516	2.15	<5	1.9	560	23	13.4	4	19	1.9	0.40	1.2	24.5	<2	2100	<50	270	0.4	1.1	<2	540	<0.5	0.90	0.5	<1	1600	4.5	7	<5	0.8	<0.05	<0.5	0.43	0.06
11E08 870518	2.12	5	1.4	2200	13	16.2	4	17	0.6	0.21	<0.5	24.8	<2	1420	<50	140	0.3	0.5	<2	1200	<0.5	<0.10	<0.3	<1	1900	2.0	3	<5	0.3	<0.05	<0.5	0.17	<0.05
11E08 870519	1.88	9	1.8	1600	24	15.0	4	17	1.5	0.16	0.6	28.7	<2	1190	60	280	0.3	0.4	<3	1100	<0.5	<0.20	<0.3	<1	2700	2.0	<3	<5	0.3	<0.07	<0.5	<0.08	<0.05
11E08 870520	2.08	6	1.2	1700	28	15.9	6	17	1.5	0.25	0.6	27.4	<2	1730	78	290	0.3	0.6	<3	700	<0.5	0.50	<0.3	<1	2000	2.9	5	7	0.4	<0.07	<0.5	0.32	0.06
11E08 870521	1.92	7	1.8	3200	29	15.1	5	16	<0.5	0.21	0.7	23.7	<2	1710	<50	74	0.2	0.5	<2	660	<0.5	<0.10	<0.3	1	3200	2.3	5	<5	0.3	<0.06	<0.5	0.23	<0.05
11E08 870522	1.69	<5	0.9	1100	13	16.0	3	19	3.9	0.18	0.5	20.7	<2	1560	<50	430	0.2	0.4	<3	990	<0.5	0.20	<0.3	<1	2200	1.8	<3	<5	0.2	<0.06	<0.5	0.19	<0.05
11D15 870526	1.62	<5	2.6	1000	17	15.6	15	16	11.0	0.22	<0.5	23.9	<2	2200	<50	450	0.6	0.5	<2	1300	<0.5	0.20	<0.3	<1	3200	2.2	6	<5	0.3	<0.06	<0.5	0.18	<0.05
11D15 870528	2.07	10	4.0	760	18	9.3	9	32	3.7	0.57	1.1	30.4	<2	6440	<50	260	0.6	1.6	<3	460	0.6	1.10	<0.4	4	1900	6.0	11	<5	0.9	0.21	<0.5	0.47	0.10
11D15 870529	1.88	<5	1.1	1700	16	13.6	2	15	9.7	0.18	<0.5	27.1	<2	2520	<50	380	0.4	0.4	<2	1300	<0.5	0.30	<0.3	<1	2600	2.3	4	<5	0.3	<0.06	<0.5	0.12	<0.05
11D15 870530	1.85	6	2.3	820	16	18.1	3	17	10.0	0.28	<0.5	22.1	<2	3340	<50	390	0.7	0.7	<2	820	<0.5	0.60	0.4	2	2300	4.4	7	6	0.6	<0.06	<0.5	0.19	<0.05
11D15 870531	1.85	<5	1.0	600	8	13.7	3	19	5.8	0.23	<0.5	26.3	<2	2530	<50	420	0.4	0.6	<2	660	<0.5	0.30	<0.3	4	1600	3.0	5	<5	0.4	<0.05	<0.5	0.19	<0.05
11D15 870532	1.91	6	1.6	2400	14	18.3	4	16	2.4	0.23	<0.5	24.9	<2	3380	<50	270	0.3	0.6	<2	1700	<0.5	0.20	0.5	3	1800	2.4	5	<5	0.3	<0.06	<0.5	0.15	<0.05
11D15 870533	1.90	8	1.2	980	16	16.8	8	28	9.2	0.28	<0.5	24.1	<2	4810	<50	370	0.5	0.7	<3	1800	<0.5	0.40	<0.4	5	2400	2.8	5	<5	0.4	<0.07	<0.5	0.22	<0.05
11D15 870534	2.09	<5	1.6	940	9	17.0	6	22	1.2	0.29	0.6	21.1	<2	5890	<50	180	0.4	0.8	<2	1000	0.6	0.50	<0.3	2	2200	4.0	7	<5	0.5	<0.06	<0.5	0.30	<0.05
11D15 870535	1.73	7	1.0	920	12	16.5	5	18	1.4	0.13	<0.5	27.3	<2	1160	<50	310	0.2	0.3	<2	780	<0.5	<0.10	<0.3	2	2100	1.4	3	<5	0.2	<0.06	<0.5	0.10	<0.05
11D15 870536	2.30	<5	2.1	630	15	16.7	7	22	0.7	0.30	0.7	21.9	<2	4590	<50	100	0.4	0.8	<2	880	<0.5	0.30	<0.3	2	1600	3.2	6	<5	0.4	<0.06	<0.5	0.27	0.06
11D15 870539	2.25	5	11.0	1000	10	15.9	8	24	1.2	0.41	1.2	24.5	<2	4340	<50	140	0.5	1.2	<2	560	<0.5	0.70	<0.3	<1	1900	5.4	10	7	0.8	<0.06	<0.5	0.44	0.07
11D15 870540	2.41	<5	6.4	440	11	16.4	4	27	1.6	0.37	0.9	21.0	<2	2850	<50	90	0.5	1.1	<2	1000	<0.5	0.80	0.6	2	1200	4.9	10	11	0.8	<0.06	<0.5	0.37	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11D15	870541	20	524282	4961285	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11D15	870543	20	524899	4960263	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11D15	870544	20	523819	4960837	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11D15	870545	20	523253	4961135	CO <sub>G</sub>	Balsam Fir Twig	6	2SW	Damp Medium Woodland
11D15	870546	20	521895	4959571	CO <sub>G</sub>	Balsam Fir Twig	6	2S	Damp Medium Woodland
11D15	870547	20	519991	4959382	CO <sub>G</sub>	Balsam Fir Twig	5	2S	Damp Open Woodland
11D15	870548x	20	524284	4971155	DC <sub>g</sub>	Balsam Fir Twig	5	1NW	Damp Medium Woodland
11D15	870548y	20	524284	4971155	DC <sub>g</sub>	Balsam Fir Twig	5	1NW	Damp Medium Woodland
11D15	870549	20	523155	4971240	DC <sub>g</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11D15	870550	20	522085	4972844	DC <sub>g</sub>	Balsam Fir Twig	6	3E	Damp Medium Woodland
11D15	870551	20	520005	4973621	DC <sub>g</sub>	Balsam Fir Twig	6	3NE	Dry Medium Woodland
11D15	870552	20	524008	4969619	DC <sub>g</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11E02	870555	20	522200	4991000	CO <sub>G</sub>	Balsam Fir Twig	5		Damp Medium Woodland
11D15	870580	20	537031	4973873	CO <sub>H</sub>	Balsam Fir Twig	5	1SW	Damp Dense Woodland
11D15	870581	20	535408	4974864	CO <sub>G</sub>	Balsam Fir Twig	6	2NW	Dry Medium Woodland
11D15	870582	20	533772	4975365	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Medium Woodland
11D15	870583	20	532222	4976314	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Open Woodland
11D15	870584	20	530588	4977592	CO <sub>G</sub>	Balsam Fir Twig	6	2NW	Dry Dense Woodland
11D15	870585	20	537160	4976007	CO <sub>G</sub>	Balsam Fir Twig	6	1SW	Wet Medium Woodland
11D15	870586	20	537172	4977848	CO <sub>G</sub>	Balsam Fir Twig	6	1N	Damp Medium Woodland
11D15	870587	20	536916	4979805	CO <sub>G</sub>	Balsam Fir Twig	7	0	Damp Medium Woodland
11D15	870588	20	535381	4981983	CO <sub>G</sub>	Balsam Fir Twig	7	2NW	Damp Dense Woodland
11D15	870589	20	535855	4972809	DC <sub>g</sub>	Balsam Fir Twig	6	1SE	Damp Open Woodland
11D15	870590	20	534492	4970952	CO <sub>G</sub>	Balsam Fir Twig	6	3SW	Damp Dense Woodland
11E02	870591	20	517394	5010104	DC <sub>g</sub>	Balsam Fir Twig	5	2S	Damp Dense Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11D15 870541	2.06	7	72.0	1900	11	15.7	10	14	0.8	0.25	0.7	22.7	<2	2910	66	85	0.4	0.7	<3	<270	<0.5	0.40	<0.4	<1	4600	3.0	5	<5	0.4	<0.08	<0.5	0.30	<0.05
11D15 870543	1.87	<5	2.3	470	24	13.1	4	14	4.7	0.22	<0.5	28.3	<2	2190	<50	240	0.4	0.5	<2	470	<0.5	<0.10	<0.3	<1	2400	2.3	4	<5	0.3	<0.06	<0.5	0.22	<0.05
11D15 870544	2.29	<5	9.0	790	8	14.5	7	43	2.0	0.77	1.1	18.8	<2	11000	<50	130	0.6	2.3	<2	360	<0.5	1.90	0.9	9	1800	9.8	21	12	1.6	0.37	<0.5	0.86	0.13
11D15 870545	2.02	<5	2.8	840	14	12.2	10	16	2.3	0.27	<0.5	25.4	<2	3170	<50	210	0.5	0.7	<3	860	<0.5	0.50	1.0	<1	1400	3.3	7	<5	0.5	<0.06	<0.5	0.25	<0.05
11D15 870546	2.23	8	3.3	760	18	15.6	6	30	1.5	0.52	1.7	23.2	3	4540	<50	140	1.0	1.6	<3	870	<0.5	1.10	0.8	2	3500	7.6	14	11	1.2	0.23	<0.5	0.66	0.12
11D15 870547	1.72	9	1.7	740	17	8.1	4	20	4.4	0.28	0.9	29.3	<2	8230	<50	660	0.7	0.7	<3	1600	<0.5	0.40	0.7	<1	1700	3.9	6	<5	0.5	<0.07	<0.5	0.28	<0.05
11D15 870548x	2.37	9	1.4	1400	15	20.3	2	22	15.0	0.15	<0.5	19.0	4	2540	<50	320	0.4	0.4	<3	880	<0.5	<0.20	<0.4	<1	1600	1.2	4	<5	0.2	<0.08	<0.5	<0.09	<0.05
11D15 870548y	2.37	15	1.6	1300	16	20.1	2	20	14.0	0.16	<0.5	21.1	<2	2590	<50	330	0.4	0.4	<3	1200	1.0	<0.20	<0.4	<1	1600	1.4	<3	<5	0.2	<0.07	<0.5	0.16	<0.05
11D15 870549	2.18	9	2.0	1200	19	16.9	4	32	20.0	0.34	0.6	18.6	5	3270	<50	450	0.7	0.9	<3	1300	<0.5	0.60	<0.4	9	2900	4.1	10	<5	0.6	<0.08	<0.5	0.31	<0.05
11D15 870550	2.21	7	2.4	1400	26	17.5	4	22	4.4	0.29	<0.5	22.8	3	1600	<50	370	0.6	0.7	<2	740	<0.5	0.50	0.5	2	2000	3.7	7	<5	0.6	<0.06	<0.5	0.32	0.06
11D15 870551	1.77	12	1.9	1200	19	15.3	3	25	12.0	0.22	0.5	26.4	3	1540	<50	540	0.6	0.5	<3	1300	<0.5	<0.10	<0.3	<1	2400	2.6	4	<5	0.3	<0.06	<0.5	0.24	<0.05
11D15 870552	1.95	<5	1.5	1000	12	14.8	5	18	1.6	0.20	<0.5	24.7	<2	2300	<50	490	0.4	0.5	<3	840	<0.5	<0.10	<0.3	2	3000	2.0	<3	<5	0.3	<0.07	<0.5	0.18	<0.05
11E02 870555	1.85	9	6.9	2100	23	20.8	6	20	1.3	0.31	0.5	20.8	<2	1140	52	260	0.7	0.7	<2	420	<0.5	0.50	<0.3	<1	1700	3.6	6	<5	0.6	0.18	<0.5	0.25	0.06
11D15 870580	2.30	7	4.3	650	12	7.5	11	28	1.7	0.78	2.3	25.3	<2	4480	54	230	0.4	2.3	<3	730	<0.5	1.70	<0.3	<1	1500	8.1	15	12	1.3	0.32	<0.5	0.81	0.18
11D15 870581	1.82	11	3.3	1400	12	16.8	4	26	2.2	0.44	1.3	25.5	<2	2710	<50	260	0.6	1.3	<3	840	<0.5	0.80	<0.3	1	1700	6.6	11	<5	0.8	<0.07	<0.5	0.38	0.08
11D15 870582	1.95	6	1.9	2200	18	18.4	4	19	1.4	0.21	0.7	25.2	<2	1470	<50	220	0.3	0.5	<2	830	<0.5	0.30	<0.3	<1	2000	2.4	5	<5	0.4	<0.06	<0.5	0.17	<0.05
11D15 870583	2.24	<5	1.8	1900	13	18.8	3	30	5.5	0.70	2.0	17.0	<2	4170	<50	360	0.4	2.3	<3	1200	<0.5	1.70	0.7	<1	2000	7.2	16	<5	1.2	0.26	<0.5	0.65	<0.05
11D15 870584	2.11	<5	1.6	1600	18	14.2	3	21	3.0	0.18	<0.5	31.5	<2	1180	<50	230	0.4	0.5	<3	720	<0.5	<0.20	<0.4	2	2300	1.8	<3	<5	0.3	<0.09	<0.5	0.14	<0.05
11D15 870585	2.29	6	2.0	1800	19	20.7	3	13	3.0	0.35	1.0	15.5	<2	2340	<50	160	0.5	1.0	<2	760	<0.5	0.60	0.4	<1	1800	5.2	9	<5	0.8	0.25	<0.5	0.42	<0.05
11D15 870586	1.97	25	2.0	1300	13	16.9	3	18	2.3	0.21	<0.5	25.0	2	2000	<50	200	0.4	0.5	<2	800	<0.5	0.30	<0.2	<1	2000	2.4	6	<5	0.4	<0.05	<0.5	0.14	<0.05
11D15 870587	1.95	<5	1.9	1500	10	19.3	6	11	2.8	0.24	<0.5	19.2	<2	1640	<50	200	0.4	0.6	<2	850	<0.5	0.20	<0.2	<1	2500	3.0	6	<5	0.4	<0.05	<0.5	0.21	0.06
11D15 870588	1.63	<5	1.3	730	18	15.9	4	20	4.1	0.25	0.6	21.9	<2	1280	<50	200	0.5	0.7	<2	1100	<0.5	0.50	0.5	<1	2800	3.1	8	8	0.5	<0.06	<0.5	0.21	<0.05
11D15 870589	2.13	7	1.4	1300	12	14.0	11	15	2.6	0.21	0.5	28.6	4	2810	<50	250	0.3	0.5	<2	940	<0.5	0.30	<0.2	2	2200	2.7	4	<5	0.3	<0.06	<0.5	0.18	<0.05
11D15 870590	1.93	11	1.6	1600	11	16.8	4	27	2.9	0.35	0.8	24.3	<2	2600	<50	250	0.6	1.0	<2	1600	<0.5	0.70	<0.2	3	2300	4.2	8	<5	0.6	0.23	<0.5	0.33	0.06
11E02 870591	2.66	7	4.2	990	16	13.4	5	29	6.9	1.26	3.7	22.6	4	6220	<50	420	0.4	4.6	<2	420	0.8	4.80	1.6	<1	1900	22.0	44	26	3.9	0.65	0.6	1.45	0.23

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E02	870592x	20	515707	5009000	DC <sub>g</sub>	Balsam Fir Twig	5	1NW	Wet Open Woodland
11E02	870592y	20	515707	5009000	DC <sub>g</sub>	Balsam Fir Twig	5	1NW	Wet Open Woodland
11E02	870593	20	514162	5007770	Mm	Balsam Fir Twig	6	1SW	Damp Medium Woodland
11E02	870594	20	513331	5006444	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11E02	870595	20	513754	4998722	CO <sub>G</sub>	Balsam Fir Twig	6	3S	Wet Medium Woodland
11E02	870596	20	515786	4998153	CO <sub>H</sub>	Balsam Fir Twig	7	0	Damp Dense Woodland
11E02	870597	20	517359	4997544	CO <sub>H</sub>	Balsam Fir Twig	6	0	Damp Dense Woodland
11E02	870598	20	519509	4996761	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Medium Woodland
11E02	870599	20	513790	4988594	CO <sub>G</sub>	Balsam Fir Twig	5	0	Wet Medium Woodland
11F05	870601	20	589166	5015102	CO <sub>G</sub>	Balsam Fir Twig	8	0	Dry Open Logged
11F05	870604	20	592551	5013823	CO <sub>G</sub>	Balsam Fir Twig	8	1NW	Damp Medium Logged
11F05	870605	20	591810	5015617	CO <sub>G</sub>	Balsam Fir Twig	8	0	Damp Medium Logged
11F05	870606	20	592797	5015629	CO <sub>G</sub>	Balsam Fir Twig	5	1	Wet Dense Woodland
11F05	870608	20	595099	5012611	CO <sub>G</sub>	Balsam Fir Twig	9	1NE	Dry Open Woodland
11F05	870621	20	605330	5014262	CO <sub>H</sub>	Balsam Fir Twig	6	1N	Dry Dense Woodland
11F05	870622	20	607656	5013539	CO <sub>H</sub>	Balsam Fir Twig	5	1N	Dry Medium Woodland
11F05	870623	20	605610	5016351	CO <sub>H</sub>	Balsam Fir Twig	6	1N	Dry Open Woodland
11F05	870624	20	607041	5017756	CO <sub>G</sub>	Balsam Fir Twig	5	1SE	Dry Dense Woodland
11F05	870625	20	608999	5018042	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Medium Logged
11F05	870627	20	610366	5014682	CO <sub>H</sub>	Balsam Fir Twig	5	0	Dry Open Woodland
11F05	870628	20	611372	5017443	CO <sub>H</sub>	Balsam Fir Twig	5	1SW	Dry Medium Woodland
11F05	870629	20	614949	5019303	CO <sub>G</sub>	Balsam Fir Twig	6	1NE	Dry Open Woodland
11F05	870630	20	617184	5015141	CO <sub>H</sub>	Balsam Fir Twig	5	1N	Damp Open Woodland
11F05	870631	20	616691	5016783	CO <sub>H</sub>	Balsam Fir Twig	8	1S	Dry Medium Woodland
11F05	870632	20	617208	5018805	CO <sub>H</sub>	Balsam Fir Twig	6	1NE	Dry Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E02 870592x	2.50	<5	4.3	2200	13	12.3	7	25	2.9	0.94	2.1	24.5	4	3930	<50	220	0.5	3.1	<3	760	<0.5	2.60	0.5	<1	1400	12.0	25	14	2.1	0.40	<0.5	0.79	0.15
11E02 870592y	2.50	9	3.3	2200	9	12.5	7	18	3.2	0.91	2.3	25.1	<2	3910	<50	200	0.4	3.0	<3	620	<0.5	2.50	0.7	<1	1300	12.0	22	11	2.1	0.41	<0.5	0.88	0.17
11E02 870593	2.51	5	5.8	1100	51	11.0	8	35	10.0	1.30	2.5	16.4	5	4450	<50	280	0.7	4.6	<2	1100	0.8	2.80	1.1	<1	1800	15.0	30	14	2.3	0.49	<0.5	1.17	0.22
11E02 870594	2.17	10	6.0	1200	38	11.4	5	34	6.6	0.94	2.1	18.4	4	4720	58	350	0.7	3.1	<3	1200	<0.5	1.80	0.8	3	1600	15.0	31	14	2.1	0.47	<0.5	0.88	0.12
11E02 870595	4.04	6	17.0	1100	14	8.2	10	55	3.5	2.45	6.0	15.6	9	7410	<50	150	0.7	8.9	<3	<200	1.3	8.20	3.3	3	1400	59.0	110	47	7.5	1.54	1.0	2.96	0.52
11E02 870596	2.51	8	5.2	960	27	10.7	6	29	2.2	1.05	2.9	22.6	<2	4310	51	270	0.5	3.9	<2	600	0.6	2.90	1.4	<1	1500	19.0	39	18	2.8	0.61	<0.5	1.37	0.21
11E02 870597	2.19	<5	3.6	1200	16	12.7	6	38	4.6	1.04	2.6	19.5	<2	4390	<50	480	0.5	3.7	<2	690	0.9	2.20	0.7	<1	2300	18.0	34	17	2.4	0.60	<0.5	1.00	0.18
11E02 870598	2.71	7	5.3	1300	16	11.3	6	38	6.2	1.42	3.2	20.4	2	5250	<50	220	0.4	5.2	<2	670	1.0	3.10	0.6	<1	1400	31.0	51	25	3.7	0.79	0.5	1.58	0.25
11E02 870599	1.93	8	2.9	1700	21	17.7	10	20	1.4	0.30	<0.5	24.3	4	3240	<50	200	0.4	0.9	<3	1400	<0.5	0.40	<0.3	<1	2400	4.0	8	9	0.5	0.11	<0.5	0.26	<0.05
11F05 870601	2.11	6	1.4	1100	22	13.7	4	9	1.9	0.21	<0.5	24.7	<2	1380	<50	410	0.3	0.5	2	1200	<0.5	0.30	0.5	<1	2500	2.1	<3	<5	0.3	<0.05	<0.5	0.16	<0.05
11F05 870604	1.70	6	1.2	2700	16	17.2	7	9	3.6	0.17	0.7	25.6	<2	1640	<50	420	0.3	0.4	<2	960	<0.5	<0.10	<0.3	<1	3000	2.0	3	<5	0.3	<0.06	<0.5	<0.07	<0.05
11F05 870605	1.92	7	1.5	1100	25	16.4	2	19	23.0	0.17	0.6	22.0	<2	2240	<50	580	0.6	0.4	<2	1000	<0.5	<0.10	<0.3	<1	2500	1.4	4	6	0.2	<0.07	<0.5	0.15	<0.05
11F05 870606	1.94	8	1.5	860	17	16.9	2	14	27.0	0.20	<0.5	26.1	<2	2360	<50	560	0.7	0.4	<3	720	<0.5	<0.10	<0.3	<1	2900	1.7	3	<5	0.2	<0.07	<0.5	<0.08	<0.05
11F05 870608	2.29	7	3.1	880	35	18.9	2	21	11.0	0.34	0.7	23.8	<2	3570	<50	350	0.6	0.9	<2	1100	<0.5	0.40	0.4	<1	2500	4.6	10	<5	0.7	<0.06	<0.5	0.22	0.08
11F05 870621	1.95	12	3.2	540	25	13.9	7	29	46.0	0.62	2.1	25.4	<2	7240	<50	570	1.2	1.9	<3	1500	<0.5	3.00	1.3	<1	2700	12.0	27	15	2.0	0.40	<0.5	0.65	<0.05
11F05 870622	1.71	8	<0.6	790	15	15.0	2	28	6.5	0.27	1.0	29.2	<2	1680	<50	470	0.2	0.8	<2	1500	<0.5	1.20	0.6	<1	3100	4.7	12	6	0.8	0.16	<0.5	0.26	<0.05
11F05 870623	1.88	8	<0.6	2500	12	16.0	8	20	2.9	0.34	1.3	28.2	<2	4160	<50	400	0.3	0.9	<2	1400	<0.5	1.40	0.7	<1	1800	7.3	14	8	1.1	<0.05	<0.5	0.47	<0.05
11F05 870624	2.09	11	<0.9	420	24	16.8	3	22	6.7	0.61	2.4	18.8	<2	5620	<50	260	0.4	2.0	<2	560	<0.5	2.90	1.0	<1	1900	13.0	28	13	2.2	0.37	<0.5	0.99	0.17
11F05 870625	1.93	9	2.6	1700	17	17.7	3	13	15.0	0.31	1.2	22.5	<2	3330	<50	330	0.4	0.9	<2	1100	<0.5	1.30	<0.3	<1	2800	5.4	12	<5	0.9	<0.05	<0.5	0.35	<0.05
11F05 870627	2.19	<5	2.3	630	13	15.2	3	29	4.2	0.53	2.0	27.5	<2	4460	<50	320	0.3	1.7	<2	740	<0.5	1.90	0.9	<1	1900	9.9	22	17	1.6	0.31	<0.5	0.67	0.10
11F05 870628	1.91	10	1.5	880	23	21.7	2	24	10.0	0.34	1.1	20.5	<2	3520	<50	300	0.5	1.0	3	870	<0.5	1.20	1.2	<1	2700	5.9	13	8	1.0	0.25	<0.5	0.42	<0.05
11F05 870629	1.75	10	2.4	1700	23	15.0	3	25	4.8	0.47	2.0	21.7	<2	4310	<50	300	0.4	1.4	<2	770	<0.5	1.80	<0.4	<1	3100	8.9	17	10	1.5	0.32	<0.5	0.44	<0.05
11F05 870630	1.95	6	2.7	790	27	13.5	5	24	5.9	0.51	1.9	31.1	<2	3310	<50	500	0.4	1.3	<3	1600	<0.5	1.60	<0.4	<1	2400	7.4	14	<5	1.3	<0.07	<0.5	0.51	0.07
11F05 870631	1.83	5	2.3	650	21	22.1	3	19	10.0	0.37	0.8	19.1	<2	3700	<50	420	0.8	0.8	<2	1700	<0.5	0.70	<0.3	<1	1600	4.7	9	<5	0.8	0.16	<0.5	0.26	<0.05
11F05 870632	1.94	9	4.1	1500	21	19.2	6	26	5.1	0.49	1.5	18.3	<2	3250	<50	340	0.6	1.2	<3	1800	<0.5	1.60	<0.4	<1	2500	7.8	17	8	1.4	0.24	<0.5	0.53	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F05	870633	20	615385	5022604	DC	Balsam Fir Twig	7	0	Damp Medium Woodland
11F05	870634	20	617041	5024489	DC	Balsam Fir Twig	6	1N	Damp Open Woodland
11F05	870635	20	614912	5023590	DC	Balsam Fir Twig	6	0	Dry Medium Woodland
11F05	870637	20	611905	5023083	DC	Balsam Fir Twig	5	3S	Damp Medium Woodland
11F04	870641	20	580389	5000842	COg	Balsam Fir Twig	6	3NW	Damp Open Woodland
11F04	870642	20	580125	5002389	COg	Balsam Fir Twig	6	1N	Damp Open Woodland
11F04	870643	20	579297	5004508	COg	Balsam Fir Twig	5	2SW	Damp Medium Woodland
11F04	870644	20	581570	5004687	COg	Balsam Fir Twig	5	1S	Damp Medium Logged
11F04	870645	20	579019	5007135	COg	Balsam Fir Twig	5	1W	Dry Open Woodland
11F04	870646	20	582008	5001960	DCg	Balsam Fir Twig	5	2E	Dry Open Woodland
11F04	870647	20	580498	4997502	COg	Balsam Fir Twig	5	1N	Wet Open Woodland
11F04	870648	20	580004	4993507	COH	Balsam Fir Twig	5	1W	Dry Open Woodland
11F04	870649	20	581682	4992380	COg	Balsam Fir Twig	5	1W	Dry Medium Woodland
11F04	870650	20	581063	4990825	COg	Balsam Fir Twig	5	2S	Wet Medium Woodland
11F04	870651	20	578882	4992310	COg	Balsam Fir Twig	5	2E	Damp Open Woodland
11F04	870652	20	579425	4989699	COg	Balsam Fir Twig	6	1E	Wet Open Woodland
11F04	870653	20	579490	4988191	COg	Balsam Fir Twig	5	2W	Damp Open Woodland
11F04	870654x	20	579771	4986072	COg	Balsam Fir Twig	5	1S	Damp Open Woodland
11F04	870654y	20	579771	4986072	COg	Balsam Fir Twig	5	1S	Damp Open Woodland
11F04	870655	20	581684	4987356	COg	Balsam Fir Twig	5	1E	Damp Dense Woodland
11F04	870657	20	581331	4995959	COg	Balsam Fir Twig	5	2W	Dry Open Woodland
11F04	870658	20	582287	4993786	COH	Balsam Fir Twig	5	2W	Damp Medium Woodland
11F04	870659	20	585683	4992464	COg	Balsam Fir Twig	5	1E	Damp Dense Woodland
11F04	870660	20	584818	4991653	COg	Balsam Fir Twig	5	1W	Dry Open Woodland
11F04	870661	20	585935	4990780	COg	Balsam Fir Twig	5	1E	Dry Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F05 870633	1.98	11	<0.9	2500	41	18.5	6	20	2.9	0.23	<0.5	21.4	<2	8140	51	290	0.4	0.6	<3	1300	<0.5	0.50	<0.4	<1	1800	2.9	5	<5	0.4	<0.06	<0.5	0.26	0.05
11F05 870634	2.63	<5	2.5	3100	42	15.2	7	20	0.7	0.35	0.8	27.5	<3	2920	<50	200	0.4	0.8	<3	1000	<0.5	0.90	0.9	<1	2100	4.7	10	<5	0.8	<0.08	<0.5	0.40	<0.05
11F05 870635	1.82	12	3.4	400	69	10.2	6	20	2.5	0.35	0.8	33.0	<3	2730	50	410	0.6	0.8	<3	1700	<0.5	1.10	<0.5	<1	2000	4.0	11	<5	0.7	0.19	<0.5	0.42	<0.05
11F05 870637	1.75	<5	2.9	1600	27	15.2	7	26	14.0	0.35	0.8	22.7	<2	2840	51	580	1.1	0.8	<3	1600	<0.5	0.60	<0.5	<1	3800	4.1	8	<5	0.7	<0.07	<0.5	0.22	<0.05
11F04 870641	2.01	5	5.8	2400	44	19.8	6	40	1.6	0.40	1.2	30.2	<3	6020	<50	300	0.8	1.2	<3	1900	<0.5	1.20	<0.6	<2	2000	5.6	9	<5	0.8	<0.08	<0.5	0.56	<0.05
11F04 870642	1.61	9	<1.1	1500	26	19.2	4	25	8.5	0.34	1.0	24.6	<3	1780	57	530	0.6	0.9	<3	900	<0.5	1.20	<0.5	<2	3400	4.1	11	<5	0.7	<0.08	<0.5	0.26	<0.05
11F04 870643	1.85	8	2.1	1100	30	14.8	5	27	7.2	0.26	0.8	30.1	<2	3180	<50	380	0.4	0.8	<3	700	<0.5	0.80	<0.4	3	2800	2.8	8	<5	0.5	<0.07	<0.5	0.18	<0.05
11F04 870644	1.91	<5	1.9	700	21	15.8	4	19	1.8	0.21	<0.5	36.5	<2	2040	<50	300	0.3	0.5	<3	820	<0.5	0.30	<0.4	<1	2400	1.7	6	<5	0.3	<0.06	<0.5	0.22	<0.05
11F04 870645	1.83	8	4.0	2800	41	19.3	9	32	2.3	0.21	0.9	20.8	<3	1880	<50	300	0.4	0.6	<3	2200	<0.5	0.70	<0.6	<2	2400	2.8	4	<5	0.5	<0.08	<0.5	<0.12	<0.05
11F04 870646	1.71	15	2.8	980	27	19.7	3	24	3.3	0.29	<0.5	22.5	<2	2910	<50	300	0.6	0.8	<3	1200	<0.5	0.70	<0.5	<1	1900	2.8	9	<5	0.5	<0.07	<0.5	0.21	<0.05
11F04 870647	2.11	12	5.6	1600	24	16.8	5	33	3.9	0.75	1.9	20.7	<2	6160	<50	280	0.5	2.5	<3	1400	<0.5	1.90	1.0	<2	1900	11.0	24	10	1.9	0.40	<0.5	0.92	<0.05
11F04 870648	2.15	5	2.3	2300	21	15.9	3	19	5.6	0.45	1.3	24.8	<2	3380	<50	360	0.4	1.4	<2	1200	<0.5	1.20	0.6	<1	3000	5.8	12	7	1.0	<0.06	<0.5	0.54	<0.05
11F04 870649	2.17	11	<0.7	1500	19	19.2	4	14	1.6	0.25	<0.5	24.4	<2	2210	<50	300	0.4	0.6	<2	1600	<0.5	0.60	<0.4	<1	2200	2.7	6	<5	0.4	<0.06	<0.5	<0.08	<0.05
11F04 870650	2.04	8	3.1	760	28	15.0	2	30	3.5	0.20	0.5	29.9	<2	2900	<50	230	0.7	0.5	<2	2500	<0.5	0.30	<0.4	<1	1500	2.5	5	<5	0.4	<0.06	<0.5	0.16	<0.05
11F04 870651	1.96	17	3.3	1400	18	16.0	11	13	1.7	0.24	0.7	37.9	<2	3210	<50	360	0.3	0.6	<2	1200	<0.5	0.50	<0.4	<1	2100	2.4	5	<5	0.4	<0.06	<0.5	0.22	<0.05
11F04 870652	1.98	134	3.8	920	31	13.4	10	24	1.3	0.48	1.2	25.8	<2	7760	<50	210	0.7	1.2	<2	540	<0.5	1.10	<0.4	<1	2200	5.9	13	8	1.0	0.23	<0.5	0.42	<0.05
11F04 870653	2.19	13	2.4	850	150	16.1	5	15	1.9	0.22	<0.5	25.4	<2	2830	<50	200	0.4	0.5	<2	2000	<0.5	0.50	<0.4	<1	1600	2.6	6	10	0.4	0.12	<0.5	0.22	<0.05
11F04 870654x	2.54	9	3.1	590	22	11.0	6	30	2.1	0.77	2.0	20.8	<3	6710	<50	160	0.4	2.4	<3	1000	<0.5	1.90	1.1	<2	1400	9.6	20	15	1.5	0.37	<0.5	0.90	<0.05
11F04 870654y	2.54	15	4.7	890	29	14.9	6	38	2.8	0.99	2.8	27.5	5	8510	<50	210	0.6	3.1	<3	1500	<0.5	2.80	0.8	<2	1600	12.0	24	18	2.0	0.40	0.5	0.98	<0.05
11F04 870655	1.81	15	<1.0	570	33	16.5	4	15	7.4	0.34	1.0	32.4	<2	5880	<50	430	0.7	0.9	<2	2900	<0.5	0.70	<0.4	<1	2200	4.4	10	<5	0.7	<0.06	<0.5	0.35	<0.05
11F04 870657	2.20	<5	2.8	1300	22	18.6	3	16	2.0	0.30	1.0	17.9	3	2230	<50	170	0.4	0.9	<2	640	<0.5	0.70	<0.3	<1	1800	3.3	6	<5	0.6	<0.05	<0.5	0.31	<0.05
11F04 870658	2.12	21	1.6	1100	22	13.0	7	19	2.3	0.27	0.8	29.5	<2	3830	<50	380	0.3	0.6	<2	1300	<0.5	0.70	<0.4	3	2000	2.9	5	<5	0.5	0.11	<0.5	0.21	<0.05
11F04 870659	4.13	7	3.3	730	29	15.4	3	19	4.4	0.32	<0.5	27.9	<2	2920	<50	350	0.7	0.9	<2	1400	<0.5	0.60	<0.5	<2	2300	3.6	9	9	0.6	0.19	<0.5	0.41	<0.05
11F04 870660	2.10	<5	<1.1	1100	85	13.8	7	19	6.4	0.35	1.1	21.1	<2	2460	<50	310	0.4	1.0	<2	1300	<0.5	0.70	<0.4	<1	1700	4.1	8	10	0.7	<0.05	<0.5	0.39	<0.05
11F04 870661	2.45	5	3.2	820	14	14.0	4	16	3.2	0.42	1.1	29.0	<2	4590	<50	160	0.4	1.2	<3	950	<0.5	1.00	<0.4	<1	1600	3.9	11	<5	0.9	<0.05	<0.5	0.46	<0.05



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F04	870663x	20	587150	4991350	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11F04	870663y	20	587150	4991350	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Medium Woodland
11F04	870664	20	586664	4996588	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Dry Open Logged
11F04	870665	20	588849	4996354	CO <sub>G</sub>	Balsam Fir Twig	7	3NE	Dry Open Woodland
11F04	870666	20	590232	4994466	CO <sub>G</sub>	Balsam Fir Twig	7	0	Damp Open Woodland
11F04	870668	20	589748	4990483	CO <sub>H</sub>	Balsam Fir Twig	5	2NE	Damp Open Woodland
11F04	870669	20	588578	4992180	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Damp Medium Woodland
11F04	870671	20	592336	4991044	CO <sub>G</sub>	Balsam Fir Twig	5	1S	Dry Medium Woodland
11F04	870673	20	592253	4994755	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Dry Open Woodland
11F04	870674	20	594339	4993859	CO <sub>G</sub>	Balsam Fir Twig	7	1W	Damp Medium Woodland
11F04	870676	20	595831	4995434	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Open Woodland
11F04	870677	20	597159	4996815	CO <sub>G</sub>	Balsam Fir Twig	5	2NE	Dry Open Woodland
11F04	870678	20	598273	4995046	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Dry Open Woodland
11F04	870681	20	600447	4995968	CO <sub>H</sub>	Balsam Fir Twig	6	1N	Dry Medium Woodland
11F04	870682	20	602142	4996399	CO <sub>H</sub>	Balsam Fir Twig	5	1N	Damp Medium Woodland
11F04	870683	20	604100	4995576	CO <sub>G</sub>	Balsam Fir Twig	5	2NW	Dry Medium Woodland
11F06	870684	20	620160	5013889	CO <sub>H</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11F06	870685	20	622910	5014839	DC <sub>G</sub>	Balsam Fir Twig	5	0	Damp Open Woodland
11F06	870686	20	623075	5012884	CO <sub>H</sub>	Balsam Fir Twig	5	1E	Dry Open Woodland
11F03	870687	20	624692	5010722	DC <sub>G</sub>	Balsam Fir Twig	5	1E	Dry Open Woodland
11F03	870688	20	626652	5010189	CO <sub>H</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11F03	870689	20	627134	5005711	CO <sub>H</sub>	Balsam Fir Twig	5	1N	Dry Open Woodland
11F03	870690	20	625491	5004765	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11F03	870691	20	623240	5006369	CO <sub>H</sub>	Balsam Fir Twig	5	1N	Dry Open Woodland
11F03	870692	20	623400	5004420	CO <sub>G</sub>	Balsam Fir Twig	5	0	Wet Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F04 870663x	4.81	<5	5.2	780	14	11.4	6	38	2.7	1.59	4.8	13.4	3	11600	<50	120	0.5	5.2	<2	420	0.8	5.20	1.6	4	900	22.0	44	26	4.0	0.78	<0.5	1.90	0.32
11F04 870663y	4.81	<5	5.1	690	13	10.0	7	31	2.8	1.47	4.5	10.1	<2	11000	<50	110	0.4	4.8	<2	600	0.7	4.90	1.2	<2	780	20.0	41	21	3.4	0.70	<0.5	1.82	0.31
11F04 870664	2.17	10	2.3	450	15	13.5	2	13	1.8	0.15	<0.5	28.4	4	1850	<50	310	0.3	0.3	<2	1100	<0.5	<0.10	<0.4	<1	2000	1.2	4	<5	0.2	<0.05	<0.5	0.16	<0.05
11F04 870665	2.38	<5	1.8	1100	21	13.5	5	20	3.0	0.62	2.0	29.7	<2	5050	<50	390	0.3	2.0	3	850	<0.5	2.00	1.2	<1	2100	9.1	19	14	1.6	0.31	<0.5	0.72	<0.05
11F04 870666	4.06	7	4.0	660	27	9.0	6	36	3.0	1.78	5.6	15.4	6	13900	<50	160	0.6	5.9	<2	850	1.0	6.70	1.7	<2	900	32.0	61	38	5.4	1.04	0.7	2.34	0.28
11F04 870668	1.93	7	2.5	480	75	16.7	4	14	1.1	0.26	0.9	32.2	<3	3420	<50	200	0.5	0.7	<3	1700	<0.5	0.60	1.2	<2	2400	2.9	6	<5	0.5	<0.07	<0.5	0.29	<0.05
11F04 870669	3.49	7	2.9	950	41	9.5	6	25	3.5	1.35	4.3	23.5	<2	9820	<50	220	0.5	4.3	<2	690	0.7	4.80	1.9	<2	1500	24.0	46	28	4.3	0.81	0.6	1.65	0.17
11F04 870671	2.18	9	5.2	670	50	15.4	5	24	1.7	0.56	1.4	17.0	<2	13000	<50	120	0.7	1.8	<3	960	<0.5	1.70	1.4	<2	1900	8.4	17	11	1.5	0.30	<0.5	0.71	<0.05
11F04 870673	2.26	5	3.1	480	21	15.5	5	19	2.2	0.30	<0.5	23.5	5	4240	<50	200	0.4	0.8	3	1700	<0.5	0.60	<0.4	<1	1900	3.3	8	6	0.6	0.14	<0.5	0.32	<0.05
11F04 870674	2.24	<5	3.5	660	39	15.7	4	18	4.2	0.28	<0.5	25.7	2	5940	<50	220	0.5	0.7	<2	1800	<0.5	0.60	<0.4	<2	1700	3.7	7	<5	0.6	<0.05	<0.5	0.26	<0.05
11F04 870676	2.23	7	<1.2	1300	93	14.6	8	14	10.0	0.21	0.6	29.2	<2	2660	<50	320	0.4	0.5	<2	1300	<0.5	0.40	<0.5	<2	2300	2.3	4	<5	0.4	<0.05	<0.5	0.28	<0.05
11F04 870677	2.41	12	<0.8	500	26	16.5	3	21	1.7	0.36	1.0	25.6	<2	3590	<50	240	0.3	1.3	<2	1100	<0.5	1.10	<0.4	<1	1500	4.9	11	<5	0.9	0.26	<0.5	0.39	<0.05
11F04 870678	2.25	10	<0.8	680	22	17.5	4	18	15.0	0.31	0.7	20.7	<2	6340	<50	330	0.6	0.8	<2	1600	<0.5	0.80	<0.4	3	1700	3.6	7	7	0.6	<0.06	<0.5	0.30	<0.05
11F04 870681	2.65	6	3.6	1100	33	9.8	6	32	3.2	1.12	2.5	19.1	<2	9960	<50	170	0.5	3.8	<3	740	<0.5	3.30	1.5	<2	1700	14.0	28	17	2.5	0.49	<0.5	1.14	<0.05
11F04 870682	2.06	<5	3.2	640	27	11.6	6	28	5.1	0.97	2.9	24.7	<2	9150	<50	300	0.5	3.1	6	1000	<0.5	3.50	0.7	<2	2200	16.0	32	21	2.9	0.47	0.5	1.29	<0.05
11F04 870683	2.48	9	2.4	1200	18	18.1	3	14	2.8	0.20	<0.5	21.3	<2	3080	<50	180	0.6	0.5	<2	2000	<0.5	0.40	<0.4	<1	1600	1.8	4	<5	0.3	<0.06	<0.5	<0.08	<0.05
11F06 870684	1.77	28	2.3	1300	19	16.0	10	20	10.0	0.26	0.6	18.3	<2	5690	<50	500	0.5	0.6	<3	770	<0.5	0.70	<0.4	<1	4000	4.2	7	9	0.7	<0.06	<0.5	0.31	<0.05
11F06 870685	2.08	13	4.0	930	26	18.3	4	19	4.2	0.24	<0.5	21.5	<2	2120	<50	190	0.5	0.6	<2	830	<0.5	0.40	<0.4	<1	1700	2.4	4	<5	0.3	<0.06	<0.5	0.25	<0.05
11F06 870686	1.65	31	<1.0	590	16	12.5	3	20	59.0	0.20	<0.5	20.8	<3	2130	<50	670	1.4	0.4	<3	2100	<0.5	<0.20	<0.6	<2	2800	1.8	4	10	0.3	<0.08	<0.5	<0.13	<0.05
11F03 870687	2.43	9	<4.3	380	23	21.4	2	20	10.0	0.25	0.8	18.3	<3	1340	<50	250	1.0	0.6	<3	1500	<0.5	0.60	<0.6	<1	2300	2.7	4	<5	0.4	<0.06	<0.5	0.26	<0.05
11F03 870688	1.75	18	<1.0	1200	30	19.6	3	23	23.0	0.25	<0.5	15.5	3	2180	<50	460	0.7	0.6	<3	1500	<0.5	0.60	0.8	<1	2900	3.5	8	7	0.5	<0.06	<0.5	<0.11	<0.05
11F03 870689	1.78	14	2.4	1000	22	14.0	5	26	29.0	0.32	0.9	18.4	<2	5320	<50	540	1.0	0.9	<3	1700	<0.5	0.80	0.9	<1	2800	3.2	8	<5	0.6	<0.07	<0.5	<0.10	<0.05
11F03 870690	2.00	13	4.7	490	36	15.6	5	17	16.0	0.47	0.7	28.4	<2	3700	51	480	0.9	1.0	<3	950	<0.5	1.10	<0.5	4	2700	5.1	12	<5	0.9	<0.07	<0.5	0.41	<0.05
11F03 870691	2.13	12	1.3	1200	25	22.9	1	18	8.9	0.22	<0.5	18.8	<2	2780	<50	250	0.5	0.5	5	1300	<0.5	0.40	<0.4	<1	1800	2.8	5	<5	0.4	<0.06	<0.5	0.22	<0.05
11F03 870692	1.94	15	2.4	810	58	14.8	4	14	39.0	0.32	0.7	31.0	<2	6520	<50	550	1.2	0.7	<3	1400	<0.5	0.70	<0.5	<1	2000	4.1	8	11	0.6	0.17	<0.5	0.31	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11F03	870693	20	621095	5004243	CO <sub>G</sub>	Balsam Fir Twig	5	0	Damp Open Woodland
11F03	870694x	20	619392	5005645	CO <sub>G</sub>	Balsam Fir Twig	5	3S	Dry Dense Woodland
11F03	870694y	20	619392	5005645	CO <sub>G</sub>	Balsam Fir Twig	5	3S	Dry Dense Woodland
11F04	870695	20	616828	5007835	CO <sub>G</sub>	Balsam Fir Twig	5	3S	Dry Medium Woodland
11F04	870697	20	582509	5008766	CO <sub>H</sub>	Balsam Fir Twig	5	1SE	Damp Medium Woodland
11F04	870698	20	584657	5008793	CO <sub>H</sub>	Balsam Fir Twig	5	1W	Dry Medium Woodland
11F04	870699	20	586420	5009181	CO <sub>H</sub>	Balsam Fir Twig	6	1N	Damp Open Woodland
11F04	870700x	20	584059	5007510	DC <sub>g</sub>	Balsam Fir Twig	6	2W	Dry Open Woodland
11F04	870700y	20	584059	5007510	DC <sub>g</sub>	Balsam Fir Twig	6	2W	Dry Open Woodland
11F04	870701	20	585176	5005534	CO <sub>G</sub>	Balsam Fir Twig	6	1	Dry Medium Woodland
11F04	870702	20	586572	5003425	CO <sub>G</sub>	Balsam Fir Twig	6	2E	Dry Open Woodland
11F04	870703	20	588313	5003912	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Damp Open Woodland
11F04	870704	20	584328	5002317	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Medium Woodland
11F04	870705	20	586949	5001280	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Dry Medium Woodland
11F04	870706	20	587716	4999754	CO <sub>G</sub>	Balsam Fir Twig	6	2W	Dry Medium Woodland
11F04	870707	20	587692	4997906	CO <sub>G</sub>	Balsam Fir Twig	6	2E	Damp Open Woodland
11F04	870708	20	585751	4999763	DC <sub>g</sub>	Balsam Fir Twig	6	2W	Dry Open Woodland
11F04	870709	20	583434	5000854	DC <sub>g</sub>	Balsam Fir Twig	6	3E	Dry Open Woodland
11E08	870711	20	547363	5012202	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Open Woodland
11E01	870712	20	550764	5010224	CO <sub>G</sub>	Balsam Fir Twig	5	1N	Damp Open Woodland
11E01	870713x	20	548493	5010503	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11E01	870713y	20	548493	5010503	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11E01	870714	20	548263	5008027	CO <sub>G</sub>	Balsam Fir Twig	5	0	Dry Medium Woodland
11E01	870715	20	546085	5007942	CO <sub>G</sub>	Balsam Fir Twig	6	2S	Damp Medium Woodland
11E01	870716	20	544262	5008256	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11F03 870693	2.58	<5	9.6	510	22	16.8	7	22	6.3	0.99	2.5	24.1	5	7420	<50	290	0.4	2.7	3	820	<0.5	3.80	1.9	<1	1900	17.0	32	19	2.7	0.47	<0.5	0.88	<0.05
11F03 870694x	2.68	<6	6.8	1300	22	16.7	7	32	48.0	1.24	3.5	13.3	<2	9960	56	470	1.3	3.8	5	1400	<0.5	5.30	3.1	<2	1900	25.0	49	24	4.2	0.63	0.8	1.46	0.26
11F03 870694y	2.68	<5	6.2	1300	18	14.6	6	30	47.0	1.22	3.6	15.9	<2	10000	<50	490	1.2	3.6	<2	1900	<0.5	4.60	2.1	<2	1800	23.0	48	31	3.8	0.66	0.7	1.35	0.20
11F04 870695	2.08	20	3.5	1300	14	15.0	4	18	11.0	0.70	2.1	25.5	<2	4810	<50	320	0.4	2.0	<2	2500	<0.5	2.50	0.9	<1	2200	12.0	25	13	2.1	0.40	<0.5	0.67	<0.05
11F04 870697	2.17	8	2.7	1400	19	14.4	4	21	2.7	0.50	1.1	30.9	<2	2040	<50	280	0.2	1.3	<2	1200	<0.5	1.50	0.7	<1	1500	6.9	16	<5	1.2	0.26	<0.5	0.49	<0.05
11F04 870698	1.91	10	3.0	830	26	19.6	6	11	1.7	0.27	0.7	19.2	<2	2210	<50	150	0.4	0.6	<2	1400	<0.5	0.40	<0.4	<1	3000	2.7	6	7	0.4	<0.06	<0.5	0.24	<0.05
11F04 870699	2.04	7	4.9	1000	36	19.9	3	29	5.2	0.45	0.8	21.4	<2	1910	<50	280	0.8	1.1	<3	1600	<0.5	1.20	<0.5	<2	2000	5.4	9	<5	0.9	<0.06	<0.5	0.35	<0.05
11F04 870700x	2.33	<5	4.3	980	21	15.7	5	23	4.6	0.92	2.8	20.7	5	4830	<50	210	0.4	2.8	<3	1500	0.6	2.60	1.2	<2	2300	13.0	28	21	2.3	0.46	<0.5	0.94	<0.05
11F04 870700y	2.33	10	5.8	1000	23	16.9	5	28	4.6	0.95	2.8	21.7	<3	5020	<50	230	0.5	3.0	<3	1500	<0.5	3.20	1.9	<2	2200	13.0	29	17	2.5	0.52	<0.5	0.96	<0.05
11F04 870701	1.76	13	<1.1	1000	35	20.6	4	16	4.0	0.38	1.1	23.5	<2	3790	<50	190	0.4	1.1	<3	1400	<0.5	1.20	0.7	<2	2600	4.6	9	<5	0.8	<0.06	<0.5	0.28	<0.05
11F04 870702	2.24	7	3.8	820	17	19.0	3	22	8.1	0.60	1.8	25.1	<2	3510	<50	340	0.4	1.6	<2	1100	<0.5	1.70	<0.4	<1	2100	8.8	19	10	1.5	0.24	<0.5	0.70	<0.05
11F04 870703	1.89	6	2.5	650	21	21.9	3	16	6.5	0.22	0.7	22.0	<2	2500	<50	230	0.5	0.6	<2	1600	<0.5	0.70	<0.4	<1	2400	3.3	7	<5	0.6	<0.06	<0.5	0.28	<0.05
11F04 870704	2.17	11	3.5	980	38	16.1	6	25	2.1	0.57	2.1	28.6	<2	3300	<50	320	0.9	1.7	4	1700	<0.5	1.70	<0.5	<2	1300	9.1	18	8	1.5	0.30	<0.5	0.78	0.14
11F04 870705	1.98	6	3.1	1200	31	17.7	4	13	2.4	0.42	1.4	24.2	3	2490	<50	180	0.5	1.1	<2	830	<0.5	1.20	0.9	<1	2200	5.4	12	<5	1.0	<0.05	<0.5	0.45	<0.05
11F04 870706	2.04	10	<0.8	1800	19	23.0	4	15	0.6	0.22	0.8	20.9	<2	2230	<50	110	0.4	0.5	<2	1600	<0.5	0.30	0.6	<1	1800	2.3	6	<5	0.3	<0.05	<0.5	0.22	<0.05
11F04 870707	2.18	<5	1.8	1400	23	12.1	7	21	4.1	0.69	2.1	25.4	4	6550	52	360	0.3	2.1	<3	1200	<0.5	2.00	0.8	<2	2600	8.1	17	10	1.5	0.26	<0.5	0.80	0.18
11F04 870708	1.95	10	<0.9	1200	29	20.9	3	36	3.7	0.34	0.9	19.5	<2	3860	56	180	0.3	1.0	<2	1400	<0.5	1.10	<0.4	<1	2400	4.5	9	<5	0.8	<0.06	<0.5	0.36	0.06
11F04 870709	2.44	13	4.9	1100	16	18.3	5	38	3.8	0.83	2.7	14.3	4	6110	<50	260	0.7	2.6	<3	1800	<0.5	2.90	0.9	<2	2400	11.0	24	12	2.1	0.41	<0.5	0.97	0.17
11E08 870711	2.40	21	2.5	970	26	15.8	5	25	2.7	0.68	2.2	22.7	<2	3940	<50	260	0.3	2.3	<2	1800	<0.5	2.10	<0.3	<1	1800	11.0	20	11	1.8	0.39	<0.5	0.91	0.16
11E01 870712	2.05	11	0.8	1200	15	12.8	2	15	5.2	0.15	<0.5	27.0	<2	1500	<50	400	0.3	0.3	<2	760	<0.5	<0.10	<0.3	<1	1800	1.4	<3	<5	0.2	<0.05	<0.5	0.15	<0.05
11E01 870713x	2.60	<5	3.3	1100	12	14.9	7	40	3.2	1.26	4.5	20.9	3	5990	62	240	0.4	4.4	<2	830	0.6	4.80	1.3	<1	2100	24.0	45	28	3.9	0.82	<0.5	1.85	0.33
11E01 870713y	2.60	15	4.9	1300	15	16.1	7	50	3.2	1.34	4.6	11.6	<7	6220	<88	270	0.7	4.8	<9	1300	<1.0	5.00	<1.2	<4	2400	24.0	43	29	4.1	0.79	0.5	2.10	0.43
11E01 870714	2.22	7	2.2	2200	13	16.2	4	20	4.8	0.60	1.7	17.3	<2	4480	<50	360	0.3	2.1	<2	1400	<0.5	1.60	0.6	<1	1400	9.6	19	11	1.6	0.38	<0.5	0.68	0.12
11E01 870715	2.14	9	2.6	1700	16	14.7	3	20	7.1	0.51	1.3	17.6	4	3020	<50	250	0.5	1.7	<2	520	<0.5	1.30	<0.3	<1	2700	7.5	14	10	1.2	0.19	<0.5	0.60	0.08
11E01 870716	1.67	10	1.4	1400	11	15.5	2	25	1.9	0.19	<0.5	19.3	<2	1510	<50	330	0.3	0.5	<2	840	<0.5	0.50	<0.3	<1	2300	2.0	6	<5	0.3	<0.06	<0.5	0.10	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E01	870717	20	542420	5009517	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Damp Open Woodland
11E01	870718	20	548991	5006369	CO <sub>G</sub>	Balsam Fir Twig	5	1N	Damp Medium Woodland
11E01	870719	20	550023	5004320	CO <sub>G</sub>	Balsam Fir Twig	5		Dry Medium Woodland
11E01	870720	20	549364	5002583	CO <sub>G</sub>	Balsam Fir Twig	6	2S	Dry Medium Woodland
11E01	870721	20	550876	5001690	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Damp Open Woodland
11E01	870722	20	552439	5003800	CO <sub>G</sub>	Balsam Fir Twig	5	2S	Damp Medium Woodland
11E01	870723	20	554071	5002833	CO <sub>G</sub>	Balsam Fir Twig	7	2N	Wet Medium Woodland
11E01	870724	20	554557	5004315	CO <sub>G</sub>	Balsam Fir Twig	5	1W	Dry Open Woodland
11E01	870725x	20	555877	5003227	CO <sub>G</sub>	Balsam Fir Twig	5	3W	Dry Medium Woodland
11E01	870725y	20	555877	5003227	CO <sub>G</sub>	Balsam Fir Twig	5	3W	Dry Medium Woodland
11E01	870726	20	558260	5002057	CO <sub>G</sub>	Balsam Fir Twig	6	2S	Damp Open Logged
11E01	870727	20	555079	5001932	CO <sub>G</sub>	Balsam Fir Twig	5	2N	Damp Open Woodland
11E01	870728	20	546784	5004390	CO <sub>G</sub>	Balsam Fir Twig	5	1S	Dry Medium Woodland
11E01	870729	20	546790	5005804	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Open Woodland
11E01	870730	20	544718	5005013	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11F04	870765	20	613303	5001747	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Dry Medium Woodland
11F04	870766	20	614843	5003087	CO <sub>G</sub>	Balsam Fir Twig	5	1S	Damp Open Woodland
11F04	870767	20	616934	5006428	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Open Woodland
11F04	870768	20	615167	5004601	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11F04	870769	20	615159	5006200	CO <sub>G</sub>	Balsam Fir Twig	6	0	Damp Open Woodland
11F04	870770	20	613327	5006937	CO <sub>G</sub>	Balsam Fir Twig	6	0	Wet Open Woodland
11F04	870771	20	612526	5008383	CO <sub>G</sub>	Balsam Fir Twig	6	0	Dry Medium Woodland
11F04	870772	20	611465	5010745	DC <sub>G</sub>	Balsam Fir Twig	6	0	Damp Open Woodland
11E01	870773	20	550929	5007938	CO <sub>G</sub>	Balsam Fir Twig	5	0	Wet Open Woodland
11E01	870774	20	552798	5008107	CO <sub>G</sub>	Balsam Fir Twig	6	2S	Dry Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E01 870717	1.45	10	2.4	560	15	12.5	2	21	3.4	0.16	<0.5	26.2	<2	1550	<50	440	0.3	0.5	<2	600	<0.5	0.30	<0.3	<1	2200	1.7	5	<5	0.3	<0.05	<0.5	0.15	<0.05
11E01 870718	2.12	8	1.0	1400	15	16.5	3	18	3.0	0.30	0.9	14.4	<2	1660	<50	220	0.3	1.0	<2	730	<0.5	0.80	<0.3	<1	2400	4.5	11	7	0.7	0.25	<0.5	0.41	<0.05
11E01 870719	1.95	10	2.7	1300	11	14.7	5	16	2.3	0.24	<0.5	18.2	<2	1990	<50	230	0.3	0.6	<2	740	<0.5	0.30	<0.2	<1	2000	2.6	6	<5	0.4	0.14	<0.5	0.16	<0.05
11E01 870720	1.97	10	3.6	1400	63	17.2	3	27	9.9	0.23	<0.5	25.8	<2	898	<50	370	0.5	0.6	<2	570	<0.5	0.50	<0.4	<1	2900	2.8	5	<5	0.4	<0.06	<0.5	<0.10	<0.05
11E01 870721	1.93	9	2.5	1700	22	23.0	3	19	4.6	0.30	0.6	24.8	<2	1240	<50	310	0.5	0.7	<2	1200	<0.5	0.30	<0.3	<1	2700	3.5	8	<5	0.6	<0.07	<0.5	0.30	<0.05
11E01 870722	1.77	10	1.2	2200	28	18.2	8	31	1.5	0.25	0.8	24.5	<2	1780	<50	210	0.3	0.7	<2	710	<0.5	0.50	<0.3	<1	3000	4.1	10	<5	0.6	0.19	<0.5	0.31	<0.05
11E01 870723	2.02	18	2.9	4400	27	16.3	6	20	1.4	0.65	1.6	18.1	3	2920	<50	190	0.9	1.8	<2	1100	<0.5	1.20	<0.3	<1	1800	8.8	18	6	1.3	0.32	<0.5	0.57	0.12
11E01 870724	1.97	7	2.9	2800	33	19.8	6	15	2.2	0.24	<0.5	19.3	<2	2080	<50	190	0.5	0.6	<2	1600	<0.5	0.40	<0.3	<1	3000	2.9	6	6	0.3	<0.06	<0.5	<0.07	<0.05
11E01 870725x	2.29	7	2.4	1300	35	14.5	4	24	5.1	0.34	0.8	22.4	<2	3990	<50	370	0.5	1.0	<3	1200	<0.5	0.60	<0.4	<1	2000	3.3	8	<5	0.5	<0.07	<0.5	0.36	0.06
11E01 870725y	2.29	9	2.2	1300	33	14.5	4	28	5.2	0.36	0.7	27.0	<2	4360	64	360	0.4	1.1	<3	1200	<0.5	0.70	<0.4	<1	2000	3.5	8	8	0.5	0.18	<0.5	0.30	<0.05
11E01 870726	1.94	8	1.9	2700	17	21.3	4	13	1.3	0.23	<0.5	22.4	<2	1280	<50	220	0.4	0.5	<2	1500	<0.5	0.30	0.4	<1	1600	2.1	4	<5	0.3	<0.05	<0.5	0.19	<0.05
11E01 870727	1.93	9	<0.5	1200	15	14.2	3	16	2.7	0.14	<0.5	23.0	<2	1130	<50	230	0.2	0.3	<2	900	<0.5	<0.10	<0.3	<1	1700	1.2	<3	<5	0.2	<0.05	<0.5	<0.05	<0.05
11E01 870728	1.85	10	1.2	1300	14	20.1	3	17	5.5	0.18	<0.5	15.1	<2	1230	<50	280	0.3	0.5	<2	860	<0.5	0.40	<0.2	<1	2000	2.5	6	<5	0.3	<0.04	<0.5	0.17	<0.05
11E01 870729	2.09	10	<0.6	1800	16	20.4	5	19	4.3	0.43	1.2	17.0	<2	3500	<50	290	0.5	1.3	<2	1200	<0.5	1.00	<0.3	<1	3500	6.0	12	8	0.9	0.22	<0.5	0.44	0.08
11E01 870730	1.92	14	1.5	530	39	13.0	4	24	13.0	0.42	1.2	19.2	<2	2460	<50	340	0.5	1.3	<2	630	<0.5	0.90	<0.3	<1	2000	5.9	13	5	0.9	0.25	<0.5	0.34	0.08
11F04 870765	2.09	11	8.4	980	37	19.2	4	22	10.0	0.46	0.9	26.4	<2	5490	<50	400	0.8	1.1	3	1200	<0.5	1.10	1.1	4	2900	5.8	10	<5	0.9	0.22	<0.5	0.51	<0.05
11F04 870766	2.16	8	3.7	1000	37	17.1	7	28	6.5	0.46	1.0	27.8	<2	7310	<50	350	0.6	1.3	<2	930	<0.5	1.40	<0.4	7	1900	6.6	13	9	1.1	0.24	<0.5	0.47	0.10
11F04 870767	2.08	7	2.7	1100	25	16.2	7	25	5.6	0.54	1.3	22.5	<2	3650	<50	340	0.5	1.5	<2	2100	<0.5	1.80	<0.4	2	1700	6.8	15	10	1.2	0.25	<0.5	0.50	0.08
11F04 870768	2.19	<5	2.8	900	23	16.8	4	13	3.5	0.40	1.1	27.1	<2	2560	<50	260	0.3	1.2	<2	700	<0.5	1.90	<0.4	<1	1700	7.5	17	7	1.2	0.23	<0.5	0.47	<0.05
11F04 870769	1.78	5	4.9	1000	25	18.4	2	21	7.5	0.34	0.9	25.5	<2	4310	<50	300	0.8	0.9	<2	2300	<0.5	0.90	<0.4	<2	2500	4.1	9	<5	0.7	<0.06	<0.5	0.33	<0.05
11F04 870770	2.11	14	7.8	1500	45	17.9	6	22	4.4	0.94	2.3	24.5	<2	4720	<50	250	0.7	2.5	<2	1800	<0.5	3.60	1.4	<2	2200	16.0	30	17	2.6	0.55	<0.5	0.85	0.16
11F04 870771	2.34	<5	4.2	810	18	19.9	3	20	22.0	0.50	1.5	22.3	<2	3320	<50	380	0.8	1.5	<2	1600	<0.5	2.20	<0.4	<1	1900	9.4	19	16	1.6	0.26	<0.5	0.41	<0.05
11F04 870772	2.57	6	<0.9	790	22	19.6	2	13	11.0	0.25	0.8	28.0	<2	2140	<50	340	0.5	0.7	<2	1200	<0.5	0.90	<0.4	<1	1700	4.0	8	<5	0.7	<0.05	<0.5	0.23	<0.05
11E01 870773	1.92	7	1.7	1300	16	18.0	3	22	3.7	0.37	1.2	27.5	<3	2600	<50	330	0.6	1.0	<3	880	<0.5	0.90	<0.5	<2	1900	4.3	13	<5	0.8	<0.07	<0.5	0.47	<0.05
11E01 870774	1.79	8	1.4	1000	19	16.0	3	17	7.2	0.31	1.3	21.5	<2	2750	<50	510	0.6	0.9	<2	1300	<0.5	0.80	<0.5	<2	2700	4.5	11	<5	0.8	0.20	<0.5	0.28	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E01	870775	20	554557	5009547	COG	Balsam Fir Twig	6	0	Dry Medium Woodland
11E01	870776	20	556527	5010598	COG	Balsam Fir Twig	6	1W	Damp Open Woodland
11E01	870777	20	543099	5006620	COG	Balsam Fir Twig	6	1N	Dry Medium Woodland
11E01	870778	20	541744	5007579	COG	Balsam Fir Twig	6	1W	Damp Medium Woodland
11E01	870779	20	542341	5004388	COG	Balsam Fir Twig	6	2W	Dry Medium Woodland
11E01	870780	20	543753	5001920	COG	Balsam Fir Twig	6	1S	Dry Open Woodland
11E01	870781	20	541733	5002462	COG	Balsam Fir Twig	6	1W	Damp Open Woodland
11E01	870782	20	540378	5000896	COG	Balsam Fir Twig	6	1N	Dry Medium Woodland
11E01	870783	20	540684	4997142	COG	Balsam Fir Twig	5	1E	Damp Open Woodland
11E01	870784x	20	543445	4997143	COG	Balsam Fir Twig	6	1E	Dry Medium Woodland
11E01	870784y	20	543445	4997143	COG	Balsam Fir Twig	6	1E	Dry Medium Woodland
11E01	870785	20	542444	4999930	COG	Balsam Fir Twig	6	1W	Damp Open Woodland
11E01	870786	20	544987	4997927	COG	Balsam Fir Twig	6	2N	Dry Open Woodland
11E01	870787	20	546100	4996677	COG	Balsam Fir Twig	5	0	Damp Open Woodland
11E01	870788	20	548865	4995182	COG	Balsam Fir Twig	5	2W	Dry Medium Woodland
11E01	870790	20	547823	5000529	COG	Balsam Fir Twig	5	2N	Dry Open Woodland
11E01	870791	20	550808	4995961	COG	Balsam Fir Twig	5	0	Dry Open Woodland
11E01	870792	20	544717	4995504	COG	Balsam Fir Twig	6	1S	Dry Open Woodland
11E01	870793	20	545330	4993347	COG	Balsam Fir Twig	6	1W	Damp Open Woodland
11E01	870794	20	545192	4991225	COG	Balsam Fir Twig	5	2W	Dry Open Woodland
11E01	870795	20	545219	4989492	COG	Balsam Fir Twig	6	1SW	Damp Medium Woodland
11E01	870796	20	545651	4987518	COH	Balsam Fir Twig	6	1S	Dry Open Woodland
11E01	870797	20	546750	4985573	COG	Balsam Fir Twig	5	1S	Dry Open Woodland
11E01	870798x	20	548841	4985189	COG	Balsam Fir Twig	5	2S	Dry Open Woodland
11E01	870798y	20	548841	4985189	COG	Balsam Fir Twig	5	2S	Dry Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E01 870775	1.70	11	<1.2	1600	23	15.1	3	24	4.3	0.24	1.4	25.8	<3	1890	<50	510	0.6	0.6	<3	970	<0.5	0.60	<0.6	<2	2400	3.4	8	11	0.5	<0.08	<0.5	0.43	<0.05
11E01 870776	2.01	13	1.9	800	29	20.9	2	14	1.9	0.42	0.9	20.8	5	1710	<50	240	0.6	0.9	<2	560	<0.5	0.80	<0.5	<1	1600	3.5	7	<5	0.6	<0.06	<0.5	0.23	0.06
11E01 870777	2.04	16	1.2	2200	14	20.9	2	17	10.0	0.17	1.0	22.1	3	896	<50	370	0.4	0.5	<2	860	<0.5	0.60	<0.4	<1	2000	2.3	<3	<5	0.3	<0.06	<0.5	0.27	<0.05
11E01 870778	2.23	7	1.6	2400	16	18.5	3	14	11.0	0.25	<0.5	18.5	3	1290	<50	310	0.5	0.6	<2	920	<0.5	0.30	<0.3	<1	2300	2.3	5	<5	0.3	<0.06	<0.5	0.21	<0.05
11E01 870779	2.41	<5	0.8	1000	19	19.4	2	11	3.9	0.14	<0.5	17.0	<2	974	<50	210	0.3	0.3	<2	720	<0.5	<0.10	<0.2	<1	2200	1.3	<3	<5	0.2	<0.05	<0.5	0.12	<0.05
11E01 870780	1.74	8	2.3	1500	17	17.2	3	17	10.0	0.32	0.6	20.7	3	1610	<50	450	0.7	0.8	3	1600	<0.5	0.50	<0.3	<1	3300	4.6	8	<5	0.6	<0.06	<0.5	0.22	0.06
11E01 870781	2.23	8	2.1	1000	27	16.9	6	25	4.6	0.60	1.7	13.6	<2	3480	<50	150	0.4	2.0	<2	520	<0.5	1.40	<0.3	<1	2400	8.0	16	7	1.3	0.35	<0.5	0.68	0.15
11E01 870782	2.50	6	1.0	610	22	9.9	5	20	6.4	0.83	2.4	18.6	2	5130	<50	180	0.4	3.1	<2	580	<0.5	2.50	0.9	<1	2000	14.0	24	12	2.0	0.41	<0.5	0.94	0.14
11E01 870783	2.00	7	1.3	720	14	14.7	2	22	4.0	0.20	<0.5	22.9	<2	1540	<50	270	0.3	0.6	<2	640	<0.5	0.30	<0.2	<1	1400	2.3	6	<5	0.3	<0.06	<0.5	0.24	0.06
11E01 870784x	2.23	7	1.1	770	24	13.1	3	22	2.7	0.20	0.7	22.7	<2	1500	<50	260	0.3	0.6	<3	1200	<0.5	<0.20	0.7	<1	1400	2.0	5	<5	0.3	<0.07	<0.5	0.22	<0.05
11E01 870784y	2.23	<5	<0.5	850	25	16.1	3	19	2.9	0.21	<0.5	28.6	<2	1610	<50	290	0.4	0.5	<3	1100	<0.5	0.20	0.5	<1	1700	2.2	6	<5	0.3	<0.07	<0.5	0.18	<0.05
11E01 870785	1.98	6	0.9	1000	13	16.3	2	16	11.0	0.18	<0.5	22.5	<2	1620	<50	360	0.3	0.5	<2	800	0.6	<0.10	<0.3	<1	2100	1.8	<3	<5	0.2	<0.06	<0.5	0.14	<0.05
11E01 870786	2.12	9	2.7	790	25	14.5	4	28	3.6	0.44	0.7	26.2	<2	2220	<50	290	0.6	1.3	<3	1500	<0.5	0.70	<0.3	<1	2100	4.6	9	<5	0.7	<0.08	<0.5	0.35	0.07
11E01 870787	1.91	<5	1.8	390	20	14.6	5	23	2.7	0.24	0.5	22.1	<2	1040	<50	220	0.4	0.8	<2	480	<0.5	0.50	<0.2	<1	1800	3.2	6	<5	0.5	<0.05	<0.5	0.31	0.05
11E01 870788	2.27	11	2.7	840	20	16.5	5	36	6.2	0.92	1.8	16.1	<2	6560	<50	260	0.5	3.2	<2	740	<0.5	1.90	0.8	<1	3100	9.9	21	10	1.7	0.37	<0.5	0.85	0.16
11E01 870790	1.98	8	1.6	1200	21	16.2	2	18	3.7	0.21	0.6	24.4	<2	1670	<50	340	0.5	0.6	<2	970	<0.5	<0.10	<0.3	<1	2400	2.2	5	<5	0.3	<0.06	<0.5	0.20	<0.05
11E01 870791	2.34	<5	1.6	950	17	18.0	3	19	1.3	0.43	1.2	19.7	<2	2790	<50	170	0.4	1.4	<2	520	<0.5	0.80	<0.3	<1	2000	5.4	11	7	0.9	0.22	<0.5	0.45	0.11
11E01 870792	1.95	<5	0.9	1400	14	13.4	2	23	8.3	0.15	<0.5	24.4	<2	1210	<50	410	0.3	0.4	<2	730	<0.5	<0.10	<0.3	<1	2000	1.4	4	<5	0.2	<0.06	<0.5	<0.06	<0.05
11E01 870793	1.96	<5	1.0	330	16	16.3	2	15	5.3	0.18	<0.5	23.4	<2	1070	<50	300	0.4	0.5	<2	1200	<0.5	0.20	<0.2	<1	1300	2.3	4	<5	0.3	0.11	<0.5	0.16	<0.05
11E01 870794	1.58	<5	<0.5	680	14	15.1	2	24	2.0	0.20	<0.5	27.9	<2	1100	<50	300	0.4	0.5	<2	930	<0.5	0.20	<0.3	<1	2500	2.1	4	<5	0.3	<0.06	<0.5	<0.07	<0.05
11E01 870795	1.87	<5	1.5	1100	12	13.4	2	18	1.0	0.22	0.6	20.5	<2	1150	<50	130	0.3	0.6	<2	430	<0.5	0.40	<0.3	<1	1400	3.0	6	<5	0.5	0.15	<0.5	0.25	0.05
11E01 870796	1.74	7	1.9	650	16	13.1	2	21	2.5	0.20	<0.5		<2	2380	<50	210	0.2	0.5	<3	700	<0.5	0.40	<0.4	<1	2400	1.8	5	<5	0.3	<0.07	<0.5	0.17	<0.05
11E01 870797	1.67	<5	2.3	890	45	16.4	5	20	3.9	0.31	0.7		<2	1630	<50	350	0.2	0.9	<2	1100	<0.5	0.70	<0.3	<1	1800	3.6	7	<5	0.6	0.18	<0.5	0.31	0.08
11E01 870798x	2.37	<5	<0.5	470	16	15.3	3	26	2.1	0.24	0.8	21.6	<2	1840	<50	200	0.3	0.6	<2	550	<0.5	0.50	0.5	<1	2000	2.6	7	<5	0.4	<0.06	<0.5	0.27	<0.05
11E01 870798y	2.37	6	1.7	460	16	15.4	2	21	1.9	0.24	0.7	20.1	<2	1960	<50	200	0.3	0.6	<2	510	<0.5	0.50	<0.3	<1	2000	2.7	7	<5	0.4	<0.06	<0.5	0.22	<0.05



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E01	870799	20	550607	4985611	COG	Balsam Fir Twig	5	1N	Dry Medium Woodland
11E01	870800	20	545115	4983693	COG	Balsam Fir Twig	5	2E	Damp Open Woodland
11E01	870801	20	547416	4983770	COG	Balsam Fir Twig	5	2S	Dry Medium Woodland
11D16	870802	20	546574	4982107	COG	Balsam Fir Twig	5	2W	Dry Medium Woodland
11D16	870803	20	547207	4979734	COG	Balsam Fir Twig	5	1W	Damp Open Woodland
11E01	870804	20	543850	4985527	COG	Balsam Fir Twig	5	1S	Dry Open Woodland
11E01	870805	20	541973	4985127	COG	Balsam Fir Twig	6	1N	Dry Medium Woodland
11E01	870806	20	540049	4986561	COH	Balsam Fir Twig	6	1W	Dry Open Woodland
11E02	870807	20	539343	4988649	COG	Balsam Fir Twig	6	2E	Dry Open Woodland
11E02	870808	20	537881	4989385	COH	Balsam Fir Twig	6	1W	Damp Open Woodland
11D16	870809	20	540967	4982166	COG	Balsam Fir Twig	5	1S	Dry Open Woodland
11D16	870810	20	540731	4980276	COG	Balsam Fir Twig	5	1W	Dry Medium Woodland
11D16	870811	20	539906	4977920	COG	Balsam Fir Twig	6	2E	Dry Open Woodland
11E02	870812	20	539184	4991195	COG	Balsam Fir Twig	6	1E	Dry Open Woodland
11E02	870813	20	539035	4993529	COG	Balsam Fir Twig	6	1S	Damp Open Woodland
11E02	870814	20	538638	4995786	COG	Balsam Fir Twig	7	2W	Dry Open Woodland
11E02	870815	20	537514	4996292	COG	Balsam Fir Twig	5	1W	Dry Open Woodland
11E02	870816	20	536476	4996557	COG	Balsam Fir Twig	5	1NE	Dry Medium Woodland
11E02	870817	20	534528	4996364	COG	Balsam Fir Twig	6	0	Damp Open Woodland
11E02	870818	20	533192	4994864	COG	Balsam Fir Twig	6	0	Dry Medium Woodland
11E02	870819	20	531327	4994130	COG	Balsam Fir Twig	5	0	Damp Medium Woodland
11E02	870820	20	531500	4992184	COG	Balsam Fir Twig	5	1N	Dry Open Logged
11E02	870821x	20	530019	4992720	COG	Balsam Fir Twig	6	1N	Damp Open Woodland
11E02	870821y	20	530019	4992720	COG	Balsam Fir Twig	6	1N	Damp Open Woodland
11E02	870822	20	527870	4992264	COG	Balsam Fir Twig	5	1S	Dry Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E01 870799	2.17	<5	2.5	970	150	17.7	5	28	<0.5	0.41	1.5	19.8	<2	2180	<50	130	0.3	1.2	<3	510	<0.5	0.90	<0.4	<1	2800	5.6	14	<5	0.9	<0.06	<0.5	0.51	0.11
11E01 870800	1.86	5	2.2	1400	67	16.9	3	22	4.6	0.22	<0.5	22.9	<2	3420	59	200	0.5	0.6	<3	1100	<0.5	0.30	<0.3	<1	3000	2.6	5	<5	0.4	<0.06	<0.5	0.22	<0.05
11E01 870801	1.95	<5	1.9	640	21	15.1	2	23	2.4	0.34	1.3	22.6	<2	2590	<50	370	0.3	1.1	<2	830	<0.5	0.90	<0.2	<1	2100	5.3	10	5	0.9	0.17	<0.5	0.44	0.09
11D16 870802	1.73	7	1.0	1700	15	17.3	2	22	3.4	0.22	0.7	23.4	<2	1220	<50	230	0.3	0.6	<2	1200	<0.5	0.40	<0.3	<1	3300	2.7	6	<5	0.4	0.13	<0.5	0.12	<0.05
11D16 870803	1.96	7	2.0	450	21	13.3	4	21	1.7	0.30	<0.5	25.5	2	3160	<50	160	0.3	0.8	<2	900	<0.5	0.50	<0.3	<1	2400	2.6	6	<5	0.4	<0.05	<0.5	0.35	<0.05
11E01 870804	2.10	<5	1.0	920	50	14.2	2	16	3.4	0.30	<0.5	27.7	4	1560	<50	280	0.2	0.9	<2	750	<0.5	0.50	0.6	<1	2300	3.2	8	<5	0.5	<0.06	<0.5	0.19	<0.05
11E01 870805	2.41	<5	1.8	390	20	9.6	2	17	1.3	0.43	1.2	24.6	<2	1990	<50	200	0.3	1.4	<2	370	<0.5	1.00	<0.2	<1	1700	6.3	13	8	1.0	0.19	<0.5	0.46	0.08
11E01 870806	2.13	<5	3.0	840	23	16.3	3	24	1.8	0.31	0.7	24.1	<2	1500	<50	270	0.3	0.9	<3	1100	<0.5	0.50	<0.4	<1	2600	2.8	5	<5	0.4	<0.07	<0.5	0.23	0.06
11E02 870807	2.31	5	2.9	650	23	11.2	4	15	1.3	0.54	1.0	16.7	<2	3340	<50	130	0.3	1.7	<2	930	<0.5	0.80	0.6	<1	1400	7.9	14	7	0.9	0.17	<0.5	0.50	0.09
11E02 870808	1.82	<5	<0.6	490	22	17.2	5	21	3.5	0.18	<0.5	23.4	<2	1930	<50	280	0.3	0.5	<3	1200	<0.5	<0.10	<0.3	<1	2400	1.9	<3	<5	0.2	<0.06	<0.5	<0.08	<0.05
11D16 870809	1.80	<5	1.9	750	15	12.6	4	20	0.9	0.32	<0.5	23.7	<2	4460	<50	170	0.3	0.8	<2	460	<0.5	0.70	<0.3	3	2400	3.6	6	5	0.5	0.18	<0.5	0.25	<0.05
11D16 870810	2.19	<5	1.8	830	15	11.4	5	25	3.3	0.38	0.8	18.9	<2	3730	<50	310	0.2	1.2	<2	1100	<0.5	0.50	0.8	<1	1900	4.1	9	<5	0.6	0.16	<0.5	0.34	0.09
11D16 870811	2.31	6	2.9	1900	12	21.3	3	14	0.8	0.19	0.5	19.8	<2	1750	<50	130	0.4	0.5	<2	470	<0.5	0.40	0.3	<1	1600	2.1	3	<5	0.3	<0.05	<0.5	0.14	<0.05
11E02 870812	1.91	11	3.7	2400	18	17.8	3	31	3.7	0.35	1.3		<3	2070	<50	450	0.4	1.1	<4	740	<0.5	0.60	<0.4	<1	1700	4.6	10	<5	0.7	<0.09	<0.5	0.30	0.09
11E02 870813	1.98	6	2.7	1000	21	14.0	4	28	3.1	0.43	1.1	21.2	<2	3200	<50	220	0.5	1.5	<3	1100	<0.5	1.10	<0.3	<1	2300	6.7	12	<5	0.9	0.23	<0.5	0.51	0.10
11E02 870814	2.50	<5	2.6	550	14	10.6	4	21	3.6	0.54	1.6	22.7	4	3490	<50	330	0.3	1.9	<2	440	<0.5	1.20	0.9	<1	1800	7.5	14	9	1.1	0.31	<0.5	0.66	0.14
11E02 870815	2.12	<5	1.5	550	15	10.9	4	18	4.2	0.62	1.9	21.1	<2	4370	<50	310	0.3	2.3	<2	550	0.5	1.60	<0.3	<1	1700	8.9	16	<5	1.4	0.26	<0.5	0.65	0.14
11E02 870816	2.54	<5	2.4	670	9	8.3	5	20	5.0	0.66	2.2	23.2	<2	4470	<50	430	0.3	2.2	<2	970	<0.5	1.70	<0.3	<1	1500	10.0	15	9	1.4	0.30	<0.5	0.84	0.08
11E02 870817	1.85	<5	1.4	920	11	17.2	3	17	4.2	0.25	0.6	22.4	<2	1690	<50	190	0.3	0.7	<2	1100	<0.5	0.30	<0.3	<1	2200	3.5	6	<5	0.4	<0.06	<0.5	0.21	0.05
11E02 870818	1.98	7	<1.3	1200	94	16.4	7	22	3.7	0.24	1.0	19.6	<2	3340	52	260	0.4	0.6	<3	2500	<0.5	0.40	0.8	<2	2500	2.6	6	<5	0.4	<0.06	<0.5	0.24	<0.05
11E02 870819	1.82	6	1.0	2400	11	18.7	2	18	15.0	0.22	<0.5	21.2	<2	1160	<50	280	0.5	0.6	<2	600	<0.5	0.20	<0.3	<1	3400	2.5	5	<5	0.3	<0.07	<0.5	0.24	<0.05
11E02 870820	1.86	8	2.5	1300	22	15.3	3	19	2.6	0.22	0.8	26.5	<3	1330	<50	350	0.4	0.5	<3	1100	<0.5	0.40	<0.6	<3	2800	2.1	<3	<5	0.3	<0.05	<0.5	0.19	<0.05
11E02 870821x	2.51	11	<1.8	1500	21	14.4	2	24	2.4	0.25	1.0		<3	2530	64	280	0.4	0.8	<3	1100	<0.5	0.50	<0.7	<3	1800	3.2	6	12	0.5	<0.07	<0.5	<0.12	<0.05
11E02 870821y	2.51	13	<2.0	1700	25	15.5	3	22	2.5	0.25	1.4		<4	2770	<50	330	0.6	0.8	5	1300	<0.5	0.70	<0.8	<3	1900	3.3	6	<5	0.5	<0.07	<0.5	0.40	<0.05
11E02 870822	1.83	<5	<1.7	2300	18	20.0	9	29	3.7	0.34	1.3		<3	3350	<50	320	0.5	1.0	<2	1400	<0.5	1.00	<0.6	<3	2600	4.5	9	8	0.7	<0.06	<0.5	0.53	0.10

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E02	870823	20	527977	4990472	COG	Balsam Fir Twig	5	1	Dry Medium Woodland
11E02	870824	20	529701	4988383	COG	Balsam Fir Twig	6	1E	Dry Open Woodland
11E02	870825	20	531718	4988444	COG	Balsam Fir Twig	7	2N	Damp Open Woodland
11E02	870826	20	533504	4988865	COG	Balsam Fir Twig	6	0	Damp Open Woodland
11E02	870828	20	533323	4986356	COG	Balsam Fir Twig	6	1E	Damp Open Woodland
11E02	870829	20	527245	4988132	COG	Balsam Fir Twig	5	0	Damp Open Woodland
11E08	870830	20	547874	5015236	ECs	Balsam Fir Twig	6	2S	Dry Open Woodland
11E08	870831	20	548239	5018441	ECN	Balsam Fir Twig	5	1W	Damp Medium Woodland
11E08	870832	20	549338	5016632	ECs	Balsam Fir Twig	5	1S	Damp Open Woodland
11E08	870833	20	545761	5015908	ECs	Balsam Fir Twig	6	0	Damp Medium Woodland
11E08	870834	20	544535	5018198	ECN	Balsam Fir Twig	6	1E	Damp Medium Woodland
11E08	870835	20	543742	5016243	ECs	Balsam Fir Twig	6	1E	Damp Open Woodland
11E08	870836	20	542437	5018015	ECN	Balsam Fir Twig	6	1W	Dry Open Woodland
11E07	870839	20	538686	5017594	ECN	Balsam Fir Twig	5	1W	Dry Open Woodland
11E07	870840	20	536553	5016691	ECs	Balsam Fir Twig	5	1E	Damp Open Woodland
11E08	870842	20	544182	5013793	ECs	Balsam Fir Twig	5	1N	Dry Open Woodland
11E08	870843	20	544114	5011925	COG	Balsam Fir Twig	5	1S	Dry Open Logged
11E08	870844x	20	541867	5013539	DCg	Balsam Fir Twig	6	1E	Dry Open Woodland
11E08	870844y	20	541867	5013539	DCg	Balsam Fir Twig	6	1E	Dry Open Woodland
11E07	870845	20	537841	5014805	ECs	Balsam Fir Twig	6	1E	Dry Medium Woodland
11E07	870846	20	530001	5014317	COG	Balsam Fir Twig	5	2W	Dry Open Woodland
11E07	870847	20	531991	5014091	COG	Balsam Fir Twig	5	2E	Dry Medium Woodland
11E07	870848	20	534427	5013236	DCg	Balsam Fir Twig	5	2E	Dry Medium Woodland
11E07	870849	20	534000	5014624	COG	Balsam Fir Twig	5	1W	Dry Open Woodland
11E07	870850	20	536078	5014706	COG	Balsam Fir Twig	6	2N	Dry Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E02 870823	2.03	10	<1.8	2100	16	19.9	4	31	2.0	0.61	2.5		<2	3310	<50	230	0.4	2.3	<2	1100	<0.5	2.10	<0.6	<3	2100	10.0	20	8	1.5	0.25	<0.5	0.65	0.16
11E02 870824	2.35	<5	<1.8	580	17	17.0	4	44	10.0	0.67	2.5		<3	2770	<50	300	0.7	2.3	<3	1800	<0.5	2.00	1.3	<3	1700	9.5	22	13	1.8	0.31	<0.5	0.80	0.17
11E02 870825	1.98	<5	3.1	600	32	16.2	2	20	13.0	0.39	1.1		<3	1840	<50	550	1.0	1.1	<2	700	<0.5	1.10	<0.5	<3	2000	5.6	12	<5	0.8	<0.06	<0.5	0.42	<0.05
11E02 870826	1.96	12	2.8	500	31	17.3	4	25	2.7	0.33	0.9		<3	3430	<50	240	0.6	0.9	<2	1600	<0.5	0.70	<0.6	<3	1900	4.4	6	<5	0.6	0.12	<0.5	<0.11	<0.05
11E02 870828	1.52	14	<2.7	470	45	13.3	3	26	5.0	0.22	1.2		<5	940	55	410	0.8	0.7	<4	1200	<0.5	0.40	<1.0	<4	2300	2.5	8	<6	0.6	<0.10	<0.5	<0.17	<0.05
11E02 870829	2.23	10	2.5	740	30	16.6	4	20	1.7	0.22	0.8		<3	1170	<50	290	0.4	0.5	<2	990	<0.5	0.50	<0.5	<2	1900	2.4	5	<5	0.4	<0.06	<0.5	0.14	<0.05
11E08 870830	2.37	6	4.0	4600	24	19.0	4	25	1.1	0.56	2.4		<2	2310	<50	150	0.4	1.6	<2	510	<0.5	1.80	<0.5	<2	1900	7.9	14	<5	1.3	0.31	<0.5	0.81	<0.05
11E08 870831	1.56	11	<1.6	1100	21	17.0	13	22	0.6	0.28	0.8		<3	3220	<50	120	0.5	0.7	<2	1200	<0.5	0.60	<0.5	<2	2500	2.9	4	<5	0.4	<0.06	<0.5	0.22	<0.05
11E08 870832	1.96	<5	<1.8	1900	45	16.7	9	22	1.3	0.59	2.6		<2	1730	71	190	0.4	1.7	<2	1100	<0.5	2.10	<0.6	<3	2900	9.1	19	9	1.5	0.35	<0.5	0.74	<0.05
11E08 870833	1.84	10	<1.8	1900	51	16.9	3	23	1.6	0.33	1.3		<3	1230	<50	260	0.5	0.9	<3	1000	<0.5	0.70	<0.6	<3	2100	3.9	7	<5	0.6	<0.06	<0.5	0.31	<0.05
11E08 870834	1.98	<5	<1.6	1800	28	15.3	4	21	1.5	0.34	1.3		<3	1890	<50	340	0.5	0.9	<2	980	<0.5	1.10	<0.6	<3	2200	3.7	6	6	0.6	<0.05	<0.5	0.39	<0.05
11E08 870835	2.23	<5	6.1	1700	20	12.6	9	35	2.1	1.17	4.5		<2	3710	61	160	0.6	4.0	<2	690	<0.5	4.00	1.4	<3	1600	17.0	34	19	3.2	0.62	<0.5	1.79	0.19
11E08 870836	2.55	9	<1.7	1300	30	16.2	5	27	3.0	0.41	1.5		<3	1980	<50	220	0.6	1.1	<2	830	<0.5	1.00	1.1	<3	2200	5.2	12	6	0.8	<0.05	<0.5	0.36	<0.05
11E07 870839	1.90	6	<1.6	2400	31	16.1	7	22	0.6	0.44	1.5		<3	4150	<50	130	0.4	1.1	<2	1000	<0.5	1.00	<0.6	<3	2400	4.9	9	<5	0.8	0.18	<0.5	0.49	0.06
11E07 870840	2.02	<5	<1.5	2900	21	19.0	5	19	1.2	0.28	1.0		6	2660	<50	160	0.4	0.6	<2	510	<0.5	0.50	<0.5	<3	2600	3.3	7	7	0.5	<0.04	<0.5	0.23	<0.05
11E08 870842	2.30	<5	5.1	1200	37	15.2	6	30	1.5	0.99	3.0		<2	3360	<50	140	0.5	2.9	2	800	<0.5	3.00	<0.6	<3	2500	13.0	28	18	2.7	0.51	<0.5	1.29	0.22
11E08 870843	1.79	<5	<1.7	2200	21	16.6	9	24	2.4	0.23	1.2		<3	1140	<50	630	0.3	0.7	<2	1300	<0.5	0.60	<0.6	<3	2400	3.0	4	9	0.5	0.14	<0.5	0.28	<0.05
11E08 870844x	4.14	<5	7.2	2000	20	7.4	11	34	3.5	1.83	5.7		<2	5120	<50	130	0.6	6.0	<2	330	1.0	5.40	1.9	<2	860	28.0	53	32	5.2	1.04	0.7	2.32	0.48
11E08 870844y	4.14	8	7.0	2000	18	7.7	10	41	3.2	1.87	5.5		<2	5120	<50	150	0.5	6.2	<2	190	1.2	5.80	1.3	<2	820	28.0	58	33	5.4	1.19	0.9	2.53	0.50
11E07 870845	2.69	6	4.3	4100	16	11.6	7	25	1.2	1.09	3.4		<2	3510	<50	92	0.4	3.5	<2	200	0.5	3.00	0.7	<2	1400	15.0	29	16	2.8	0.59	0.5	1.29	0.26
11E07 870846	2.42	<5	4.0	870	11	9.2	8	33	8.2	1.14	3.8		5	3860	<50	400	0.6	3.7	<2	350	0.6	4.20	1.6	<2	1900	19.0	37	21	3.4	0.63	<0.5	1.36	0.23
11E07 870847	3.07	<5	2.9	1200	26	12.1	9	25	1.9	1.09	3.5		3	3620	<50	200	0.4	3.5	<2	170	1.0	3.90	1.7	<2	1300	19.0	36	20	3.3	0.70	<0.5	1.37	0.24
11E07 870848	1.67	6	<0.7	1300	15	15.3	7	20	1.3	0.22	0.6		<2	1750	<50	290	0.3	0.6	<2	1100	<0.5	0.40	<0.3	<1	1800	2.1	5	<5	0.3	<0.05	<0.5	0.18	<0.05
11E07 870849	2.69	7	7.2	2200	32	11.0	9	25	1.8	1.28	3.5		4	3910	<50	160	0.5	4.2	<2	610	<0.5	3.20	1.3	<2	1700	17.0	34	18	3.3	0.73	0.5	1.63	0.26
11E07 870850	2.91	6	5.2	2700	14	11.0	8	30	2.0	1.36	3.7		<2	3870	<50	110	0.6	4.6	<2	490	<0.5	3.50	1.0	<2	1500	17.0	33	19	3.1	0.70	<0.5	1.61	0.30

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E07	870851	20	537412	5013059	DC <sub>g</sub>	Balsam Fir Twig	5	2E	Dry Open Woodland
11E07	870852	20	535660	5011887	DC <sub>g</sub>	Balsam Fir Twig	5	1E	Dry Open Woodland
11E02	870853	20	534284	5009564	DC <sub>g</sub>	Balsam Fir Twig	6	1N	Dry Open Woodland
11E02	870854	20	536428	5006849	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Dry Medium Logged
11E08	870855	20	540484	5013978	EC <sub>s</sub>	Balsam Fir Twig	5	1S	Dry Open Woodland
11E02	870856	20	528841	5008388	DC <sub>g</sub>	Balsam Fir Twig	6	1E	Damp Open Woodland
11E02	870857	20	528096	5006127	CO <sub>G</sub>	Balsam Fir Twig	5	2N	Dry Medium Woodland
11E02	870858	20	527159	5004309	CO <sub>G</sub>	Balsam Fir Twig	6	1S	Dry Open Woodland
11E02	870859	20	526373	5002463	CO <sub>G</sub>	Balsam Fir Twig	5	1N	Dry Open Woodland
11E02	870860	20	528824	5002339	CO <sub>G</sub>	Balsam Fir Twig	6	1W	Damp Open Woodland
11E02	870861	20	528261	4999963	CO <sub>G</sub>	Balsam Fir Twig	5	1S	Dry Open Woodland
11E02	870862	20	528346	4997824	CO <sub>G</sub>	Balsam Fir Twig	6	2E	Wet Open Woodland
11E02	870863	20	525513	5000145	CO <sub>H</sub>	Balsam Fir Twig	5	1N	Damp Open Woodland
11E02	870864x	20	524603	5002083	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Damp Open Woodland
11E02	870864y	20	524603	5002083	CO <sub>G</sub>	Balsam Fir Twig	5	1E	Damp Open Woodland
11E02	870865	20	525022	5004786	CO <sub>G</sub>	Balsam Fir Twig	5	1S	Damp Open Woodland
11E02	870866	20	522969	5003464	CO <sub>G</sub>	Balsam Fir Twig	5	2W	Damp Open Woodland
11E02	870867	20	521345	5004287	CO <sub>G</sub>	Balsam Fir Twig	6	2E	Damp Open Woodland
11E02	870868	20	522488	5005568	DC <sub>g</sub>	Balsam Fir Twig	6	2E	Damp Open Woodland
11E02	870869	20	524695	5007492	Mm	Balsam Fir Twig	6	1E	Damp Open Woodland
11E02	870870	20	524529	5009650	Mm	Balsam Fir Twig	7	1S	Damp Open Woodland
11E02	870871	20	522448	5008029	Mm	Balsam Fir Twig	6	2W	Damp Open Woodland
11E02	870872	20	520616	5009686	DC <sub>g</sub>	Balsam Fir Twig	6	1NE	Damp Open Woodland
11E02	870873	20	525901	4995771	CO <sub>G</sub>	Balsam Fir Twig	6	1W	Dry Medium Woodland
11E02	870874	20	524791	4997618	CO <sub>G</sub>	Balsam Fir Twig	5	1N	Dry Medium Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E07 870851	2.67	5	3.4	1200	18	11.0	7	22	1.9	0.95	2.6		<2	3700	<50	190	0.4	3.1	<2	780	<0.5	2.40	1.0	<2	1600	12.0	23	10	2.1	0.47	<0.5	1.04	0.20
11E07 870852	2.29	7	2.7	1100	16	14.4	4	22	1.4	0.46	1.9		<2	2880	<50	300	0.3	1.6	<2	590	<0.5	1.40	<0.3	<1	2400	6.3	11	6	1.2	0.31	<0.5	0.60	0.13
11E02 870853	2.43	<5	3.1	680	21	10.1	7	18	5.6	0.71	2.4		3	2400	<50	440	0.3	2.3	<2	340	<0.5	2.00	1.1	<2	1600	9.4	20	17	1.8	0.41	<0.5	0.94	0.14
11E02 870854	1.67	<5	1.3	1600	13	15.2	2	22	15.0	0.25	0.8		<2	3020	<50	670	0.5	0.6	<2	1500	<0.5	0.40	<0.3	<2	3200	2.4	5	6	0.4	<0.06	<0.5	0.19	<0.05
11E08 870855	2.14	7	3.4	3000	16	13.4	8	25	1.3	0.73	2.7		<2	2400	<50	100	0.4	2.3	<2	570	0.6	1.90	0.9	<2	1600	10.0	19	9	1.8	0.43	<0.5	0.85	0.08
11E02 870856	2.01	<5	2.6	730	29	13.3	4	13	18.0	0.48	1.4		<2	2170	<50	360	0.9	1.3	<2	1000	<0.5	1.30	1.3	<2	2600	6.1	12	8	1.0	0.25	<0.5	0.44	<0.05
11E02 870857	1.66	<5	1.8	560	42	16.4	2	18	25.0	0.18	<0.5		<2	1550	<50	390	0.8	0.5	<2	1000	<0.5	0.30	<0.3	<2	3200	1.9	5	<5	0.3	0.10	<0.5	0.23	<0.05
11E02 870858	2.25	<5	1.3	1400	23	20.6	3	11	8.7	0.23	0.7		<2	1850	<50	310	0.5	0.6	<2	1800	<0.5	0.50	<0.3	<1	2000	2.8	4	<5	0.4	<0.05	<0.5	0.23	0.06
11E02 870859	2.08	6	<0.8	1700	17	13.4	2	16	6.3	0.19	0.7		3	1100	<50	390	0.5	0.6	<2	930	<0.5	0.50	<0.3	<2	1900	2.6	7	<5	0.5	<0.05	<0.5	0.23	<0.05
11E02 870860	2.13	<5	<0.9	590	17	17.1	2	11	17.0	0.15	0.6		<2	926	52	450	0.6	0.4	<2	1400	<0.5	0.30	0.4	<2	2200	1.8	4	<5	0.3	<0.05	<0.5	0.17	<0.05
11E02 870861	2.67	<5	<0.9	1300	14	16.0	4	22	5.5	0.68	2.3		<2	3200	<50	310	0.4	2.4	<2	820	<0.5	1.90	0.8	<2	1900	11.0	23	12	1.6	0.39	<0.5	0.88	0.16
11E02 870862	2.40	9	1.5	1200	17	19.2	5	10	1.5	0.19	0.7		<2	2180	<50	180	0.4	0.5	<2	1700	<0.5	0.30	<0.3	<1	1400	3.2	4	<5	0.4	<0.05	<0.5	0.20	<0.05
11E02 870863	1.91	6	2.3	1200	15	13.1	4	27	8.0	0.55	1.9		<2	3700	<50	410	0.3	1.9	<2	790	<0.5	1.60	0.8	<2	1900	9.1	20	8	1.5	0.31	<0.5	0.66	0.13
11E02 870864x	2.45	10	3.4	1700	16	13.5	8	25	4.5	1.00	3.2		<2	5510	78	270	0.4	3.3	<2	670	0.5	4.40	1.6	<2	2600	24.0	44	24	4.0	0.78	0.6	1.50	0.26
11E02 870864y	2.45	<5	3.3	1800	18	13.2	8	36	4.5	1.00	3.0		<2	5810	50	240	0.4	3.3	<2	520	0.6	3.80	1.5	<2	2600	23.0	45	19	3.8	0.74	0.6	1.51	0.25
11E02 870865	2.44	7	1.8	2200	35	15.2	5	9	1.1	0.23	0.7		<2	1110	<50	180	0.3	0.6	<2	500	<0.5	0.50	0.7	<1	1600	3.1	7	<5	0.4	<0.05	<0.5	0.25	<0.05
11E02 870866	2.99	5	6.1	1100	11	14.9	6	33	8.1	1.37	4.0		<2	6960	53	400	0.5	4.6	<2	400	0.6	5.90	1.8	<2	2000	28.0	54	32	4.7	0.82	0.7	1.69	0.22
11E02 870867	2.02	6	<1.0	2300	20	18.2	3	23	2.4	0.19	1.1		<2	1250	<50	300	0.4	0.5	<2	1600	<0.5	0.40	<0.4	<1	1800	2.2	5	<5	0.3	<0.06	<0.5	0.24	<0.05
11E02 870868	2.43	<5	4.2	860	20	17.0	4	32	40.0	0.83	3.0		<3	4890	<50	560	1.2	2.6	<3	840	0.6	3.20	1.2	<2	2400	14.0	29	11	2.5	0.35	<0.5	1.03	0.16
11E02 870869	1.98	<5	2.1	1800	48	18.8	4	25	2.0	0.16	1.0		<2	977	<50	320	0.5	0.4	4	1000	<0.5	0.40	<0.5	<2	1800	1.8	3	<5	0.2	<0.07	<0.5	0.25	<0.05
11E02 870870	1.60	14	<1.6	920	35	16.1	3	40	5.7	0.31	1.5		<3	2510	59	440	0.7	0.9	<3	410	<0.5	0.50	<0.7	<3	2800	3.5	6	<5	0.6	<0.09	<0.5	0.38	<0.05
11E02 870871	3.01	<5	2.3	1100	17	14.9	4	28	2.8	0.70	2.5		<2	3860	<50	280	0.3	2.3	<2	610	0.6	2.60	0.9	<2	1600	11.0	22	16	2.0	0.35	<0.5	0.79	<0.05
11E02 870872	2.01	9	<1.2	1800	26	19.3	3	23	5.9	0.38	1.4		<2	1910	51	360	0.6	1.1	<2	1500	<0.5	1.00	<0.5	<2	2300	5.0	10	<5	0.8	0.26	<0.5	0.28	<0.05
11E02 870873	2.45	6	2.6	1700	17	17.0	5	27	2.1	0.92	3.0		<2	4890	<50	190	0.6	3.5	<2	1400	<0.5	3.10	1.2	<2	2300	15.0	33	18	2.5	0.49	<0.5	1.17	0.20
11E02 870874	2.26	<5	4.8	1300	20	19.3	5	37	8.6	0.90	2.8		<2	3990	<50	320	0.7	3.0	<2	950	<0.5	3.00	1.0	<2	2400	15.0	33	22	2.5	0.57	<0.5	1.01	<0.05

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11E02	870875	20	523424	5000686	COG	Balsam Fir Twig	6	1N	Dry Open Woodland
11E02	870908	20	526300	4992700	COG	Balsam Fir Twig	5		Damp Medium Woodland
11E02	870942	20	526264	4993448	COG	Balsam Fir Twig	6	1E	Dry Open Woodland
11E02	870943	20	524135	4994245	COG	Balsam Fir Twig	6	0	Damp Medium Woodland
11E02	870944x	20	527883	4994567	COG	Balsam Fir Twig	6	1N	Dry Open Woodland
11E02	870944y	20	527883	4994567	COG	Balsam Fir Twig	6	1N	Dry Open Woodland
11E02	870945	20	520618	4996350	COG	Balsam Fir Twig	5	1E	Damp Medium Woodland
11E02	870946x	20	522626	4996080	COG	Balsam Fir Twig	6	1E	Dry Open Woodland
11E02	870946y	20	522626	4996080	COG	Balsam Fir Twig	6	1E	Dry Open Woodland
11E02	870947	20	522038	4993561	COG	Balsam Fir Twig	6	1S	Damp Medium Woodland
11E02	870948	20	522421	4991511	COG	Balsam Fir Twig	6	2W	Dry Open Woodland
11E02	870949	20	523356	4989450	COG	Balsam Fir Twig	5	1N	Dry Open Woodland
11E02	870950	20	522981	4987310	COG	Balsam Fir Twig	5	1S	Dry Open Woodland
11E02	870951	20	524750	4985098	COH	Balsam Fir Twig	5	1NN	Dry Open Woodland
11E02	870952	20	527751	4985630	COG	Balsam Fir Twig	6	1S	Dry Medium Woodland
11E02	870953	20	525613	4986557	COG	Balsam Fir Twig	6	0	Damp Open Woodland
11E02	870954	20	526583	4984541	COG	Balsam Fir Twig	5	1E	Dry Open Woodland
11E02	870955	20	522553	4984742	COH	Balsam Fir Twig	5	2S	Damp Open Woodland
11E02	870956	20	520634	4983869	DCg	Balsam Fir Twig	5	2N	Dry Open Woodland
11D15	870957	20	523338	4982477	COG	Balsam Fir Twig	6	1N	Dry Medium Woodland
11D15	870958	20	525603	4980859	COG	Balsam Fir Twig	6	1E	Dry Open Woodland
11D15	870959	20	523017	4978147	COG	Balsam Fir Twig	5	1S	Dry Open Woodland
11D15	870960	20	521186	4979807	COG	Balsam Fir Twig	5	1S	Dry Open Woodland
11D15	870961	20	521388	4977624	COG	Balsam Fir Twig	5	2E	Dry Open Woodland
11D15	870962	20	521097	4974922	COG	Balsam Fir Twig	6	1N	Damp Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Md ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11E02 870875	2.04	12	<1.5	1800	26	18.7	3	36	8.1	0.23	1.0		<3	1770	<50	480	1.0	0.6	<3	1300	<0.5	0.60	<0.6	<2	3100	3.0	7	<5	0.4	<0.07	<0.5	<0.12	<0.05
11E02 870908	1.62	14	<1.4	1000	27	21.6	4	34	3.8	0.26	1.		<3	1300	<50	330	0.8	0.8	<3	1500	<0.5	0.70	<0.5	<2	2300	3.0	6	8	0.4	<0.07	<0.5	<0.11	<0.05
11E02 870942	1.72	<5	3.7	1100	25	13.6	4	19	1.5	0.31	1.1		<2	3510	53	370	0.3	1.0	4	850	<0.5	0.90	0.6	<1	2500	3.5	7	<5	0.6	<0.08	<0.5	<0.09	0.06
11E02 870943	1.79	9	<0.6	1800	19	14.8	5	31	4.1	0.71	2.6		3	3240	59	220	0.4	2.5	<2	980	0.8	2.10	0.7	<1	2000	12.0	24	10	1.7	0.41	<0.5	0.83	0.18
11E02 870944x	1.77	<5	3.2	850	45	13.8	6	22	2.1	0.44	1.1		<2	3060	76	220	0.7	1.2	<3	920	<0.5	0.90	0.8	<1	2400	5.2	10	<5	0.8	<0.08	<0.5	0.45	0.06
11E02 870944y	1.77	7	2.6	800	38	12.0	4	28	2.1	0.45	1.5		<2	2960	<50	210	0.7	1.3	<3	810	<0.5	0.80	0.6	<1	2400	5.4	11	<5	0.8	<0.06	<0.5	0.38	0.05
11E02 870945	2.53	8	6.0	940	17	10.4	5	32	3.8	1.30	2.5		5	5470	<50	320	0.5	5.3	<2	440	0.7	3.10	1.6	<2	1800	18.0	34	18	2.7	0.56	<0.5	1.04	0.19
11E02 870946x	3.12	<5	4.1	2000	15	12.3	5	30	3.3	1.16	2.5		3	4390	<50	230	0.3	4.4	<2	620	<0.5	2.60	0.7	<2	1600	21.0	38	19	2.8	0.60	<0.5	1.26	0.22
11E02 870946y	3.12	<5	4.5	2000	13	11.2	5	32	3.6	1.05	2.5		<2	4010	<50	240	0.4	4.0	<2	450	<0.5	2.50	1.2	<1	1600	20.0	38	16	2.7	0.60	<0.5	1.15	0.21
11E02 870947	2.94	<5	4.6	1700	31	12.6	6	28	1.8	1.01	3.2		6	3870	52	160	0.6	4.3	<2	1100	<0.5	2.60	1.1	<2	1200	14.0	28	13	2.2	0.48	<0.5	1.20	0.20
11E02 870948	2.35	5	4.4	1400	18	12.7	4	29	7.1	0.87	2.3		4	3900	<50	350	0.4	3.6	<2	760	0.6	2.10	1.0	<1	1900	12.0	23	12	1.8	0.39	<0.5	0.93	0.18
11E02 870949	2.23	7	4.8	930	16	13.2	5	24	1.9	0.46	1.4		<2	1680	<50	250	0.4	1.5	<3	910	<0.5	0.90	<0.4	<1	2600	5.3	11	<5	0.9	<0.06	<0.5	0.46	0.10
11E02 870950	2.49	6	<0.6	930	13	16.8	2	18	5.9	0.33	0.9		<2	1370	<50	330	0.4	1.1	<2	660	<0.5	0.60	<0.3	<1	1500	3.6	8	<5	0.5	<0.05	<0.5	0.24	0.08
11E02 870951	1.77	6	<0.7	1300	17	14.6	3	22	2.0	0.29	0.8		<2	1940	<50	240	0.3	0.9	<2	580	<0.5	0.50	0.5	<1	1900	3.7	7	<5	0.5	<0.05	<0.5	0.28	<0.05
11E02 870952	1.45	6	5.3	1100	20	16.4	3	24	5.7	0.38	1.4		<2	1630	63	320	0.6	1.1	<3	750	<0.5	0.60	<0.3	<2	1900	4.5	8	<5	0.7	<0.06	<0.5	0.40	0.07
11E02 870953	1.91	13	4.5	950	26	17.1	3	30	8.3	0.31	0.9		<2	1250	<50	300	0.5	0.9	<2	720	<0.5	0.50	<0.4	<2	2100	4.2	11	<5	0.6	<0.06	<0.5	0.41	<0.05
11E02 870954	1.72	7	2.0	1200	15	16.5	3	9	3.9	0.19	0.6		<2	1350	<50	230	0.3	0.5	<2	1300	<0.5	0.30	<0.3	<1	2900	2.3	4	<5	0.3	<0.05	<0.5	<0.07	<0.05
11E02 870955	2.48	<5	3.8	2000	9	12.1	10	24	2.5	1.03	3.1		<2	4280	<50	180	0.4	4.3	<2	1000	0.6	2.60	1.0	<1	1400	17.0	35	18	2.5	0.51	<0.5	1.39	0.21
11E02 870956	1.99	10	2.0	590	18	8.9	4	18	21.0	0.34	0.9		<2	4500	<50	460	0.7	1.1	<2	720	<0.5	0.70	<0.3	<1	2200	3.6	9	<5	0.5	<0.06	<0.5	0.31	0.05
11D15 870957	1.94	8	3.0	1000	21	14.3	7	15	2.5	0.31	0.8		<2	2450	53	210	0.3	0.8	<2	340	<0.5	0.60	0.4	<1	2100	4.5	7	<5	0.5	<0.05	<0.5	0.26	0.08
11D15 870958	1.77	<5	<0.9	920	26	11.2	5	22	5.9	0.37	0.8		<2	1890	60	460	0.3	1.1	<2	960	<0.5	0.80	<0.4	<2	2900	3.6	7	<5	0.5	<0.05	<0.5	<0.08	0.05
11D15 870959	2.05	9	4.9	730	29	12.0	7	20	1.9	0.62	2.8		<3	3000	58	160	0.3	2.1	<3	700	<0.5	1.70	<0.4	<2	2600	6.8	14	<5	1.2	0.26	<0.5	0.80	0.12
11D15 870960	1.64	<5	<0.8	2500	15	16.6	4	12	9.0	0.13	0.5		<2	2870	<50	300	0.4	0.3	<2	1000	<0.5	0.20	<0.3	<1	2100	1.7	<3	<5	0.2	<0.05	<0.5	0.19	<0.05
11D15 870961	1.99	<5	2.1	1100	17	11.2	3	13	1.4	0.35	1.1		<2	3240	<50	200	0.2	1.2	<2	760	<0.5	0.60	0.3	<1	1500	3.9	7	6	0.6	<0.05	<0.5	0.28	0.07
11D15 870962	2.00	7	1.4	1600	17	16.0	2	12	1.5	0.16	0.6		<2	1050	<50	130	0.3	0.5	<2	670	<0.5	0.30	<0.3	<1	2200	2.2	4	<5	0.3	<0.05	<0.5	<0.05	<0.05



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Field Data

Map	Sample ID	Zone	UTM East	UTM North	Rock Type	Sample Type	Years of Growth	Slope	Forest Type
11D15	870963	20	522722	4976111	COG	Balsam Fir Twig	6	2W	Damp Open Woodland
11D15	870964	20	525185	4979080	COH	Balsam Fir Twig	5	1E	Dry Open Woodland
11D15	870965	20	526863	4979635	COH	Balsam Fir Twig	5	1E	Dry Open Woodland
11D15	870966	20	528659	4979244	COG	Balsam Fir Twig	5	2E	Dry Open Woodland

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Analytical Data (INAA)

Element: Unit:	ash %	Au ppb	As ppm	Ba ppm	Br ppm	Ca %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	K %	Mo ppm	Na ppm	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm
11D15 870963	2.01	7	<0.8	430	24	12.6	4	13	<0.5	0.14	0.5		<2	696	<50	190	0.3	0.4	<2	1350	<0.5	0.30	<0.4	<1	1500	2.7	<3	<5	0.2	<0.06	<0.5	<0.07	<0.05
11D15 870964	2.11	<5	2.3	1100	16	13.8	4	33	2.5	0.51	1.7		<2	2860	<50	230	0.3	1.7	2	980	<0.5	1.20	<0.3	<1	2300	5.6	13	9	0.9	0.22	<0.5	0.52	0.11
11D15 870965	1.63	<5	<0.8	1300	17	12.2	3	17	3.3	0.14	0.5		<3	1800	<50	410	0.2	0.3	<2	1400	<0.5	0.30	<0.4	<1	2400	1.4	4	<5	0.2	<0.05	<0.5	<0.08	<0.05
11D15 870966	2.19	<5	2.6	1600	14	16.5	6	17	4.0	0.34	1.0		<2	4100	<50	180	0.3	0.9	<2	1300	<0.5	0.50	0.3	2	1500	3.8	5	<5	0.6	<0.05	<0.5	0.35	0.07

# **APPENDIX B**

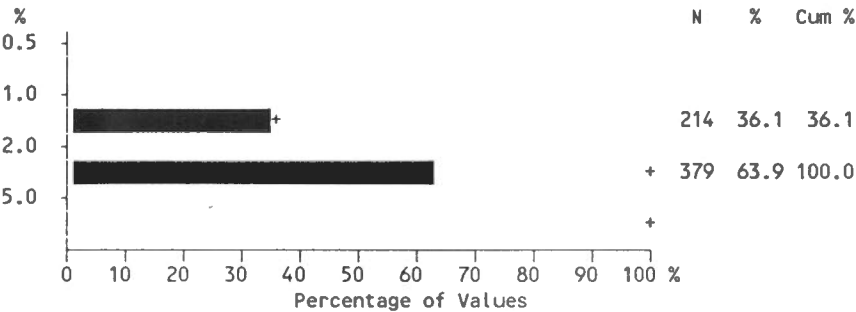
## **STATISTICS**

Abbreviations are explained in Table 1 (p. 10)

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

ASH

Number of Values - 593  
Units - %  
Detection Limit - 0.01



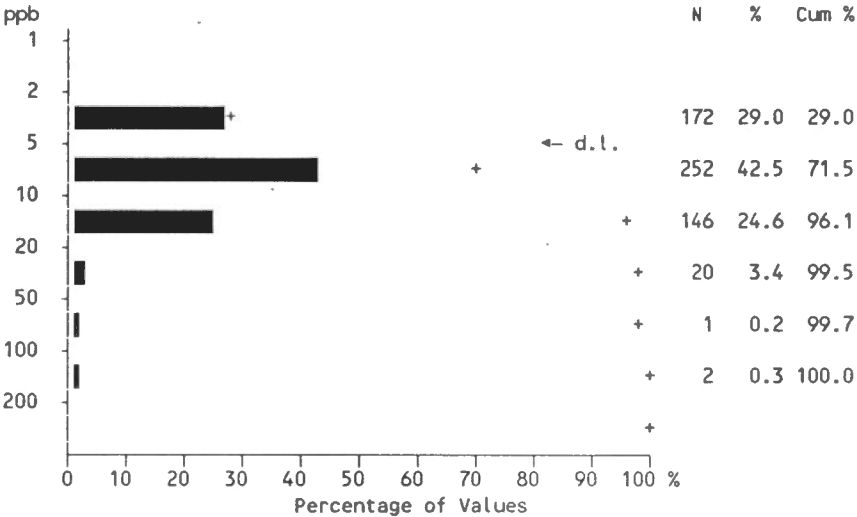
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	2.177	2.172	2.060	2.245	2.121	2.239	2.278
Standard deviation	.400	.408	.278	.476	.266	.414	.326
Skewness	1.828	2.077	.540	1.895	.272	.886	1.162
Kurtosis	6.456	7.985	-.471	5.879	-.274	.455	1.579
Coeff. of Variance %	18.357	18.775	13.473	21.207	12.548	18.475	14.293
Std. error of the Mean	.016	.021	.035	.075	.080	.049	.068
Lower 95% limit on Mean	2.145	2.131	1.991	2.092	1.942	2.142	2.137
Upper 95% limit on Mean	2.209	2.213	2.129	2.397	2.300	2.336	2.419
Geometric Mean	2.145	2.139	2.042	2.203	2.106	2.204	2.258
Percentiles							
Minimum value	1.450	1.450	1.620	1.650	1.750	1.460	1.820
25th %tile	1.920	1.920	1.880	1.950	1.820	1.970	2.080
50th %tile	2.120	2.110	2.020	2.180	2.190	2.150	2.250
75th %tile	2.340	2.340	2.170	2.430	2.270	2.370	2.340
80th %tile	2.410	2.400	2.300	2.480	2.270	2.510	2.370
90th %tile	2.630	2.600	2.480	2.650	2.350	2.960	2.800
95th %tile	2.860	2.850	2.550	2.670	2.630	3.100	2.800
98th %tile	3.170	3.170	2.650	4.140	2.630	3.290	3.180
99th %tile	3.370	3.490	2.700	4.140	2.630	3.290	3.180
Maximum value	4.810	4.810	2.700	4.140	2.630	3.340	3.180

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

GOLD [Au]

Number of Values - 593  
Units - ppb  
Detection Limit - 5 (variable)



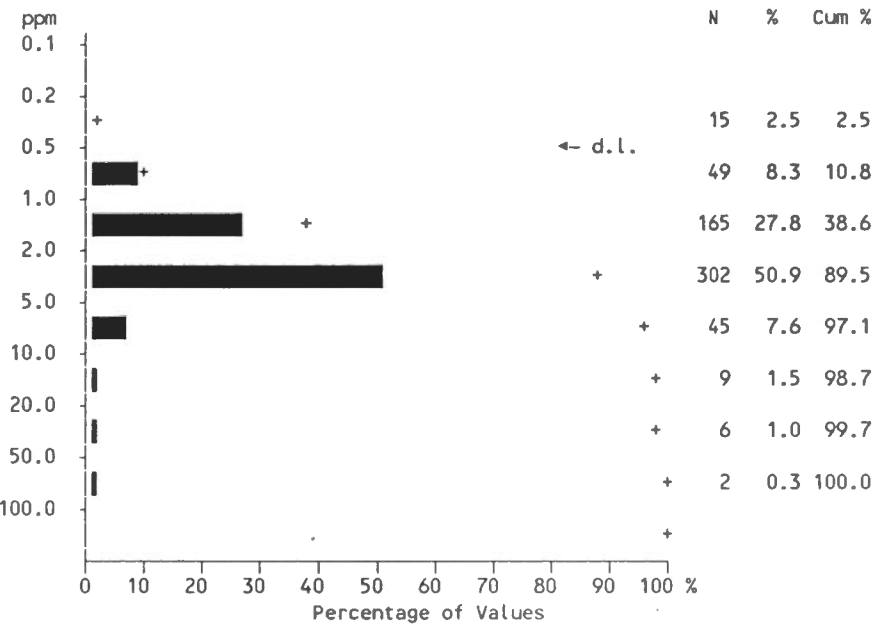
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	421	260	48	31	7	58	15
Number of Missing Values	0	0	0	0	0	0	0
Mean	8.473	8.722	7.760	7.553		8.719	6.000
Standard deviation	10.288	12.278	5.323	3.515		4.614	2.821
Skewness	10.230	9.296	2.522	.398		.822	.760
Kurtosis	140.764	107.637	7.993	-.881		.309	-.158
Coeff. of Variance %	121.409	140.775	68.593	46.539		52.921	47.023
Std. error of the Mean	.422	.631	.665	.556		.544	.588
Lower 95% limit on Mean	7.644	7.482	6.430	6.429		7.635	4.780
Upper 95% limit on Mean	9.303	9.962	9.089	8.677		9.803	7.220
Geometric Mean	6.679	6.602	6.573	6.723		7.545	5.404
Percentiles							
Minimum value	3.125	3.125	3.125	3.125	3.125	3.125	3.125
25th %tile	3.125	3.125	3.750	5.000	3.125	5.000	3.125
50th %tile	7.000	7.000	7.000	7.000	11.000	8.000	6.000
75th %tile	10.000	10.000	9.000	10.000	13.000	11.000	7.000
80th %tile	11.000	10.000	10.000	11.000	13.000	12.000	8.000
90th %tile	13.000	14.000	12.000	13.000	21.000	15.000	10.000
95th %tile	17.000	17.000	18.000	13.000	41.000	18.000	12.000
98th %tile	25.000	25.000	28.000	15.000	41.000	20.000	12.000
99th %tile	33.000	42.000	31.000	15.000	41.000	20.000	12.000
Maximum value	170.000	170.000	31.000	15.000	41.000	22.000	12.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

ARSENIC [As]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.5 (variable)



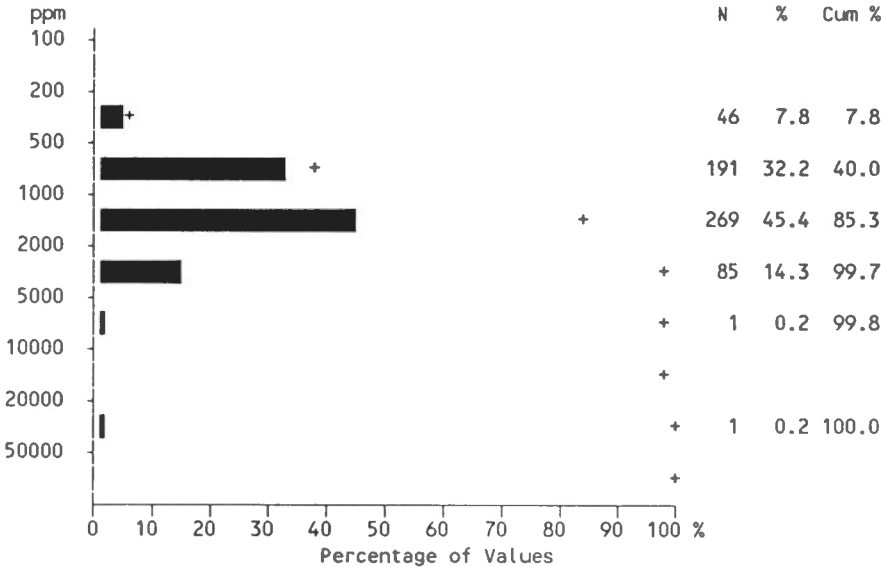
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	521	339	51	31	10	68	19
Number of Missing Values	0	0	0	0	0	0	0
Mean	3.255	3.601	2.599	2.764	2.533	2.676	2.483
Standard deviation	5.154	6.311	1.632	2.059	1.138	1.421	1.407
Skewness	9.037	7.556	1.111	2.579	.114	1.347	.933
Kurtosis	104.016	70.286	2.231	9.824	.422	1.715	.740
Coeff. of Variance %	158.344	175.278	62.799	74.499	44.930	53.105	56.686
Std. error of the Mean	.212	.324	.204	.326	.343	.167	.293
Lower 95% limit on Mean	2.840	2.963	2.191	2.105	1.768	2.342	1.874
Upper 95% limit on Mean	3.671	4.238	3.007	3.422	3.298	3.010	3.091
Geometric Mean	2.281	2.325	2.061	2.214	2.236	2.365	2.088
Percentiles							
Minimum value	.313	.313	.313	.438	.563	.900	.313
25th %tile	1.500	1.500	1.400	1.400	1.900	1.700	1.500
50th %tile	2.300	2.300	2.300	2.500	2.500	2.400	2.200
75th %tile	3.300	3.300	3.500	3.400	3.400	3.300	3.200
80th %tile	3.700	3.800	3.600	4.000	3.400	3.400	3.400
90th %tile	4.900	5.400	4.800	4.300	3.500	4.700	4.300
95th %tile	6.900	8.400	5.200	4.900	4.700	5.400	5.100
98th %tile	13.000	17.000	6.600	12.000	4.700	6.900	6.100
99th %tile	17.000	22.000	8.800	12.000	4.700	6.900	6.100
Maximum value	72.000	72.000	8.800	12.000	4.700	7.300	6.100

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

BARIUM [BA]

Number of Values - 593  
Units - ppm  
Detection Limit - 10



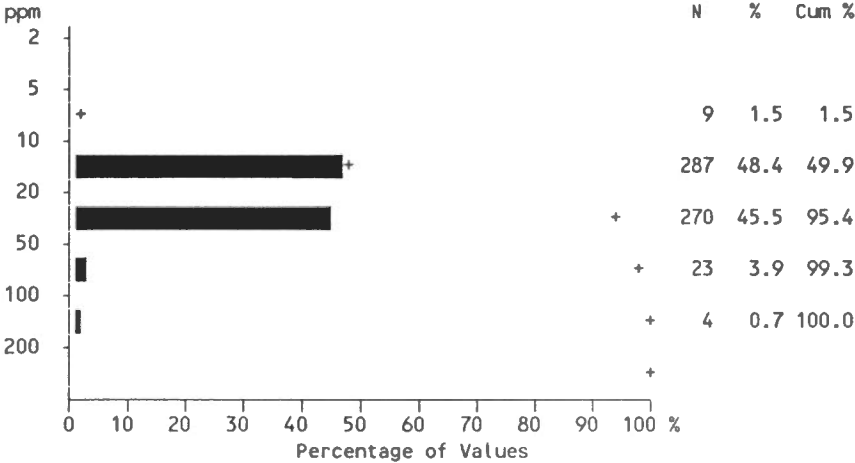
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	ECCN	ECS
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	1321.906	1183.852	967.813	1087.500	1872.727	2086.667	2348.261
Standard deviation	1065.638	599.018	533.117	464.138	901.211	2341.258	1074.636
Skewness	9.641	1.275	1.334	.448	.409	6.542	.410
Kurtosis	159.778	2.401	1.865	.021	-.088	49.579	-.606
Coeff. of Variance %	80.614	50.599	55.085	42.679	48.123	112.201	45.763
Std. error of the Mean	43.761	30.769	66.640	73.387	271.725	275.920	224.077
Lower 95% limit on Mean	1235.961	1123.351	834.644	939.061	1267.285	1536.498	1883.553
Upper 95% limit on Mean	1407.850	1244.353	1100.981	1235.939	2478.169	2636.835	2812.968
Geometric Mean	1120.800	1050.900	842.830	980.690	1641.000	1680.300	2098.400
Percentiles							
Minimum value	240.000	250.000	240.000	250.000	400.000	530.000	700.000
25th %tile	760.000	740.000	600.000	740.000	1300.000	1100.000	1500.000
50th %tile	1100.000	1000.000	830.000	1000.000	1600.000	1700.000	2100.000
75th %tile	1600.000	1500.000	1200.000	1300.000	2500.000	2300.000	3100.000
80th %tile	1700.000	1600.000	1300.000	1400.000	2500.000	2500.000	3200.000
90th %tile	2200.000	1900.000	1500.000	1800.000	3100.000	3200.000	4000.000
95th %tile	2700.000	2400.000	2300.000	1900.000	3500.000	3500.000	4100.000
98th %tile	3200.000	2700.000	2500.000	2200.000	3500.000	6200.000	4600.000
99th %tile	3500.000	2900.000	2600.000	2200.000	3500.000	6200.000	4600.000
Maximum value	20000.000	4400.000	2600.000	2200.000	3500.000	20000.000	4600.000

\* Summary statistics not calculated for units with  
less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

BROMINE [Br]

Number of Values - 593  
Units - ppm  
Detection Limit - 1



	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	23.153	23.472	24.406	20.825	35.000	19.722	21.000
Standard deviation	14.614	15.093	16.385	6.543	30.285	8.532	11.627
Skewness	4.030	4.293	3.125	.716	1.829	2.962	1.331
Kurtosis	24.932	28.187	12.622	.514	3.230	12.334	.932
Coeff. of Variance %	63.116	64.299	67.134	31.420	86.529	43.261	55.366
Std. error of the Mean	.600	.775	2.048	1.035	9.131	1.006	2.424
Lower 95% limit on Mean	21.975	21.948	20.313	18.732	14.654	17.717	15.972
Upper 95% limit on Mean	24.332	24.997	28.499	22.918	55.346	21.727	26.028
Geometric Mean	20.579	20.824	21.235	19.855	26.754	18.493	18.564
Percentiles							
Minimum value	7.000	7.000	9.000	9.000	10.000	10.000	10.000
25th %tile	15.000	15.000	16.000	16.000	15.000	15.000	13.000
50th %tile	19.000	20.000	21.000	20.000	21.000	17.000	16.000
75th %tile	26.000	26.000	27.000	23.000	42.000	22.000	28.000
80th %tile	28.000	28.000	28.000	26.000	42.000	24.000	31.000
90th %tile	36.000	36.000	37.000	29.000	69.000	28.000	37.000
95th %tile	45.000	45.000	53.000	31.000	110.000	30.000	45.000
98th %tile	61.000	58.000	75.000	39.000	110.000	54.000	51.000
99th %tile	75.000	77.000	110.000	39.000	110.000	54.000	51.000
Maximum value	150.000	150.000	110.000	39.000	110.000	64.000	51.000

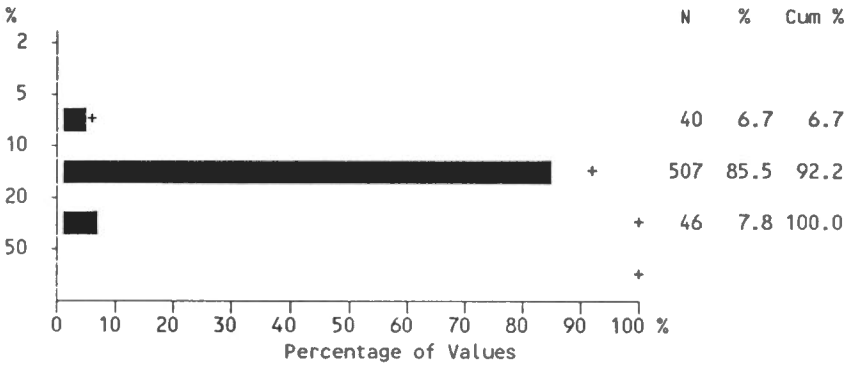
\* Summary statistics not calculated for units with less than 10 values above detection limit.



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

CALCIUM [CA]

Number of Values - 593  
Units - %  
Detection Limit - 0.2



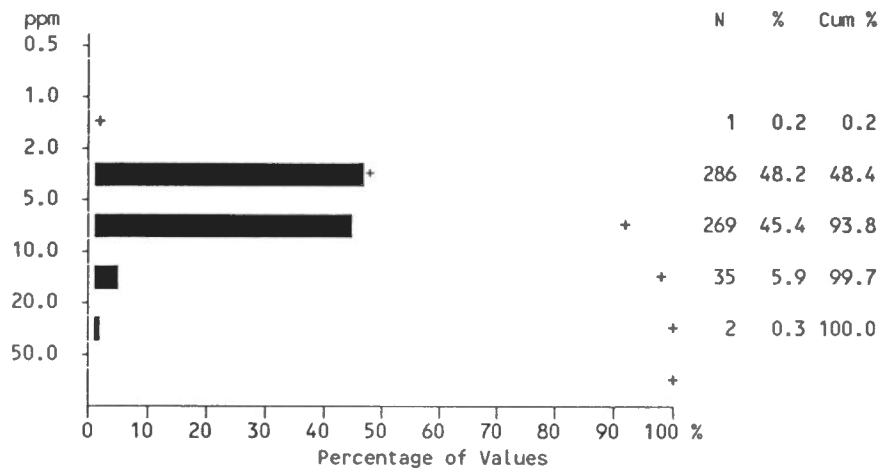
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	15.150	15.472	14.823	15.648	15.009	13.958	13.678
Standard deviation	3.333	3.355	3.263	3.851	2.018	2.928	2.899
Skewness	-.055	-.126	.146	-.229	-.914	-.211	.195
Kurtosis	-.383	-.444	.172	-.546	3.568	-.232	-.878
Coeff. of Variance %	22.002	21.683	22.015	24.612	13.446	20.974	21.196
Std. error of the Mean	.137	.172	.408	.609	.608	.345	.605
Lower 95% limit on Mean	14.881	15.133	14.008	14.416	13.653	13.270	12.425
Upper 95% limit on Mean	15.419	15.811	15.639	16.879	16.365	14.646	14.932
Geometric Mean	14.759	15.082	14.453	15.135	14.872	13.629	13.382
Percentiles							
Minimum value	6.900	6.900	7.100	7.400	10.200	6.900	9.700
25th %tile	12.800	13.000	12.500	13.300	14.600	11.900	10.400
50th %tile	15.200	15.700	14.900	15.300	15.200	14.000	13.500
75th %tile	17.200	17.700	16.700	18.300	15.500	15.900	15.900
80th %tile	17.900	18.200	17.200	19.300	15.500	16.100	16.500
90th %tile	19.300	19.800	19.200	20.500	17.000	17.500	16.900
95th %tile	20.600	20.800	19.900	21.400	18.500	18.500	19.000
98th %tile	21.700	21.700	22.100	22.400	18.500	19.800	19.000
99th %tile	22.100	22.300	22.900	22.400	18.500	19.800	19.000
Maximum value	23.000	23.000	22.900	22.400	18.500	20.300	19.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

COBALT [Co]

Number of Values - 593  
Units - ppm  
Detection Limit - 1



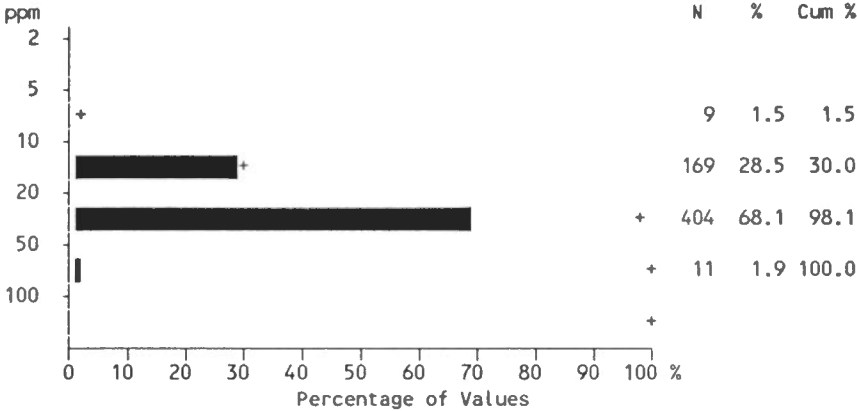
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	ECCN	ECS
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	5.121	4.931	5.250	4.875	6.364	5.736	5.870
Standard deviation	2.574	2.490	3.362	2.493	1.912	2.397	2.029
Skewness	1.805	1.935	2.082	1.226	-.847	1.564	.337
Kurtosis	6.697	7.972	6.842	.850	.215	3.341	-.699
Coeff. of Variance %	50.266	50.499	64.034	51.137	30.041	41.790	34.575
Std. error of the Mean	.106	.128	.420	.394	.576	.283	.423
Lower 95% limit on Mean	4.914	4.680	4.410	4.078	5.079	5.173	4.992
Upper 95% limit on Mean	5.329	5.183	6.090	5.672	7.648	6.299	6.747
Geometric Mean	4.586	4.422	4.440	4.354	6.031	5.324	5.527
Percentiles							
Minimum value	1.000	2.000	1.000	2.000	3.000	2.000	3.000
25th %tile	3.000	3.000	3.000	3.000	6.000	4.000	4.000
50th %tile	5.000	4.000	4.000	4.000	7.000	5.000	6.000
75th %tile	6.000	6.000	6.000	6.000	8.000	6.000	7.000
80th %tile	7.000	7.000	7.000	7.000	8.000	7.000	8.000
90th %tile	8.000	8.000	9.000	9.000	8.000	8.000	9.000
95th %tile	10.000	10.000	11.000	11.000	9.000	11.000	9.000
98th %tile	11.000	10.000	14.000	11.000	9.000	13.000	10.000
99th %tile	12.000	12.000	21.000	11.000	9.000	13.000	10.000
Maximum value	23.000	23.000	21.000	11.000	9.000	15.000	10.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

CHROMIUM [Cr]

Number of Values - 593  
Units - ppm  
Detection Limit - 1



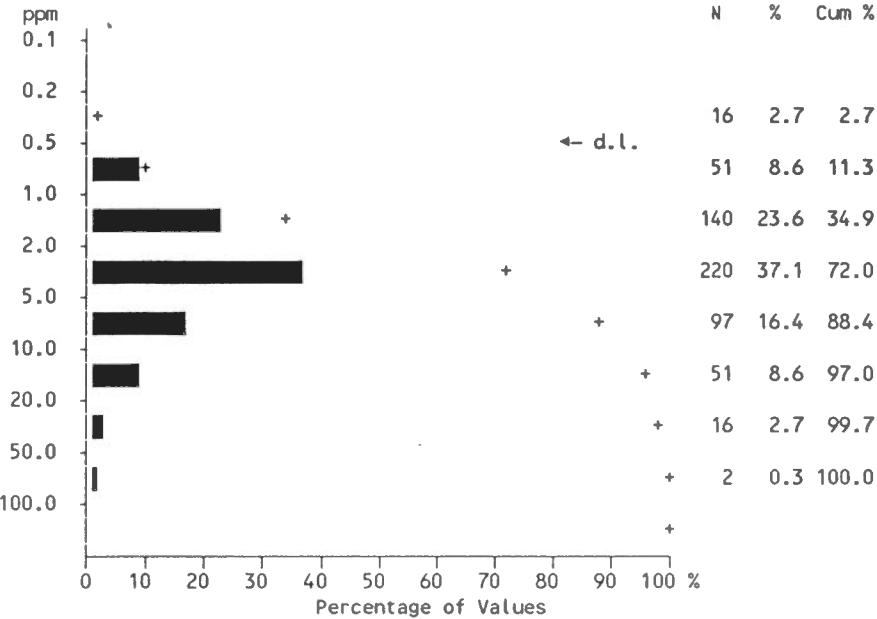
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	24.742	24.517	23.328	25.250	30.727	25.528	24.913
Standard deviation	9.519	9.476	10.273	9.761	13.661	8.952	6.142
Skewness	1.182	1.184	1.863	1.105	.457	.840	.295
Kurtosis	2.699	2.822	7.330	1.115	-1.457	.088	.214
Coeff. of Variance %	38.472	38.652	44.035	38.656	44.458	35.068	24.652
Std. error of the Mean	.391	.487	1.284	1.543	4.119	1.055	1.281
Lower 95% limit on Mean	23.974	23.560	20.762	22.128	21.550	23.424	22.257
Upper 95% limit on Mean	25.510	25.474	25.894	28.372	39.905	27.631	27.569
Geometric Mean	23.060	22.845	21.320	23.602	28.026	24.097	24.170
Percentiles							
Minimum value	6.000	6.000	6.000	10.000	14.000	11.000	14.000
25th %tile	19.000	18.000	18.000	19.000	20.000	19.000	21.000
50th %tile	23.000	23.000	22.000	22.000	26.000	23.000	25.000
75th %tile	29.000	29.000	28.000	29.000	44.000	30.000	30.000
80th %tile	31.000	31.000	29.000	32.000	44.000	34.000	30.000
90th %tile	37.000	37.000	32.000	36.000	48.000	39.000	32.000
95th %tile	42.000	42.000	36.000	47.000	53.000	42.000	35.000
98th %tile	48.000	47.000	55.000	51.000	53.000	49.000	39.000
99th %tile	51.000	49.000	71.000	51.000	53.000	49.000	39.000
Maximum value	78.000	78.000	71.000	51.000	53.000	50.000	39.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

CAESIUM [Cs]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.5



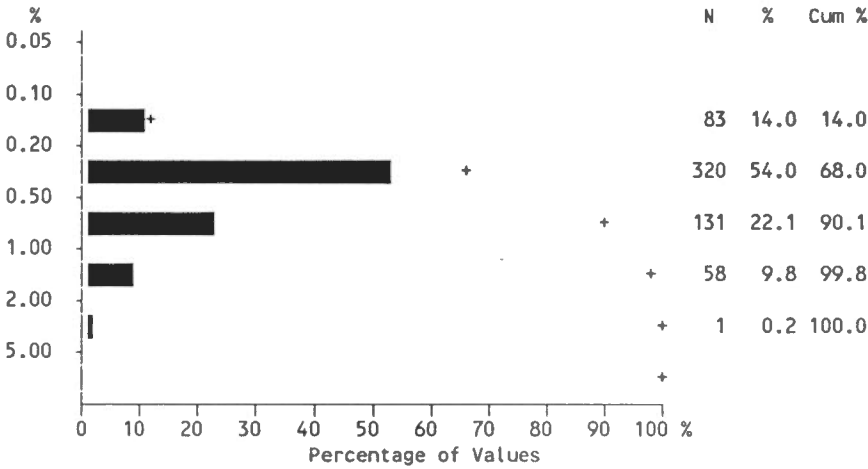
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	εC <sub>CN</sub>	εC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	577	373	63	40	10	66	21
Number of Missing Values	0	0	0	0	0	0	0
Mean	4.773	5.048	7.027	6.840	3.037	1.545	1.240
Standard deviation	6.984	6.918	10.331	7.432	3.980	1.223	.712
Skewness	6.017	6.956	3.427	2.758	2.496	2.173	1.552
Kurtosis	55.336	74.347	12.884	9.592	6.559	6.276	2.686
Coeff. of Variance %	146.337	137.039	147.022	108.656	131.034	79.154	57.397
Std. error of the Mean	.287	.355	1.291	1.175	1.200	.144	.148
Lower 95% limit on Mean	4.209	4.349	4.446	4.463	.364	1.258	.932
Upper 95% limit on Mean	5.336	5.747	9.607	9.217	5.711	1.833	1.548
Geometric Mean	2.886	3.286	4.059	4.627	1.759	1.200	1.071
Percentiles							
Minimum value	.313	.313	.313	1.100	.313	.313	.313
25th %tile	1.500	1.800	2.300	2.200	0.900	0.700	0.900
50th %tile	2.700	3.200	3.400	4.200	1.600	1.200	1.100
75th %tile	5.200	5.900	6.600	8.100	2.900	1.900	1.500
80th %tile	6.400	7.000	8.400	10.000	2.900	2.200	1.500
90th %tile	10.000	10.000	14.000	15.000	6.200	3.000	2.100
95th %tile	14.000	14.000	29.000	20.000	14.000	3.800	3.100
98th %tile	22.000	21.000	46.000	40.000	14.000	6.500	3.100
99th %tile	29.000	25.000	59.000	40.000	14.000	6.500	3.100
Maximum value	93.000	93.000	59.000	40.000	14.000	6.600	3.100

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

IRON [Fe]

Number of Values - 593  
Units - %  
Detection Limit - 0.05



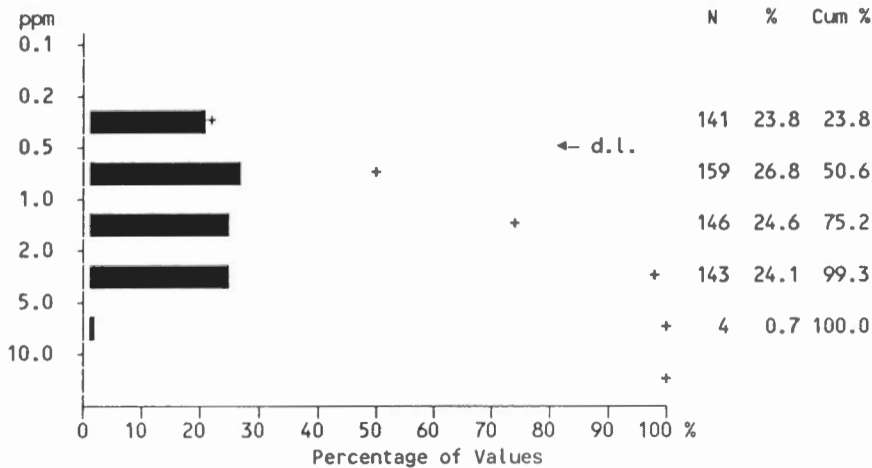
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	.473	.451	.462	.529	.455	.541	.536
Standard deviation	.344	.331	.314	.428	.336	.380	.327
Skewness	1.702	2.007	1.122	1.550	2.343	1.186	.548
Kurtosis	3.247	5.205	.204	1.973	6.065	.483	-1.016
Coeff. of Variance %	72.752	73.339	67.953	80.906	73.796	70.315	61.044
Std. error of the Mean	.014	.017	.039	.068	.101	.045	.068
Lower 95% limit on Mean	.445	.418	.383	.392	.230	.452	.394
Upper 95% limit on Mean	.501	.485	.540	.666	.681	.630	.677
Geometric Mean	.382	.368	.375	.406	.385	.433	.439
Percentiles							
Minimum value	.100	.100	.120	.130	.200	.150	.140
25th %tile	0.230	0.230	0.220	0.220	0.240	0.250	0.230
50th %tile	0.340	0.330	0.320	0.340	0.350	0.400	0.450
75th %tile	0.590	0.550	0.560	0.830	0.590	0.770	0.870
80th %tile	0.700	0.630	0.680	0.900	0.590	0.790	0.930
90th %tile	0.970	0.910	1.030	0.970	0.660	1.120	0.990
95th %tile	1.170	1.140	1.090	1.260	1.370	1.350	1.090
98th %tile	1.360	1.350	1.120	1.830	1.370	1.490	1.170
99th %tile	1.490	1.420	1.350	1.830	1.370	1.490	1.170
Maximum value	2.450	2.450	1.350	1.830	1.370	1.660	1.170

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

HAFNIUM [Hf]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.5



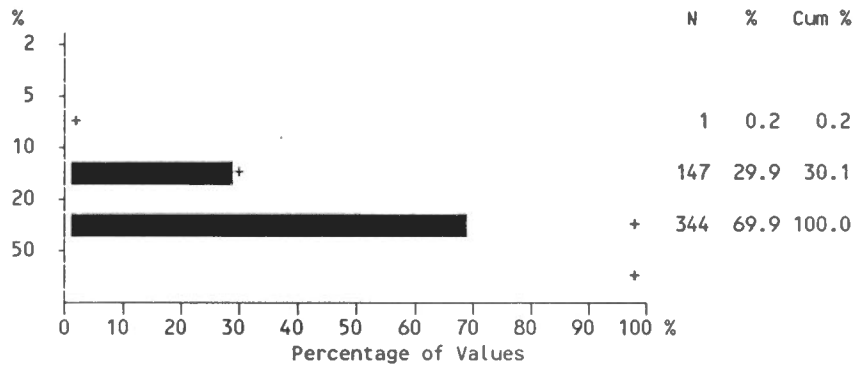
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	452	281	46	31	7	62	21
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.297	1.225	1.208	1.478		1.517	1.797
Standard deviation	1.048	1.015	.907	1.384		1.099	1.078
Skewness	1.383	1.594	.780	1.374		.911	.613
Kurtosis	1.863	2.845	-.694	1.265		-.093	.060
Coeff. of Variance %	80.778	82.828	75.039	93.683		72.461	60.008
Std. error of the Mean	.043	.052	.113	.219		.130	.225
Lower 95% limit on Mean	1.213	1.123	.982	1.035		1.259	1.330
Upper 95% limit on Mean	1.382	1.328	1.435	1.921		1.775	2.263
Geometric Mean	.948	.897	.891	.984		1.147	1.453
Percentiles							
Minimum value	.313	.313	.313	.313	.313	.313	.313
25th %tile	0.500	0.313	0.313	0.500	0.313	0.600	0.900
50th %tile	0.900	0.900	0.800	0.800	0.800	1.200	1.500
75th %tile	1.900	1.700	1.900	2.400	1.200	2.400	2.500
80th %tile	2.200	2.000	2.100	2.700	1.200	2.600	2.600
90th %tile	2.700	2.600	2.700	3.300	2.000	3.200	3.000
95th %tile	3.300	3.200	2.900	4.000	2.600	3.800	3.400
98th %tile	4.000	3.800	3.100	5.700	2.600	4.100	4.500
99th %tile	4.500	4.400	3.300	5.700	2.600	4.100	4.500
Maximum value	6.000	6.000	3.300	5.700	2.600	4.600	4.500

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

POTASSIUM [K]

Number of Values - 492  
Units - %  
Detection Limit - 0.05



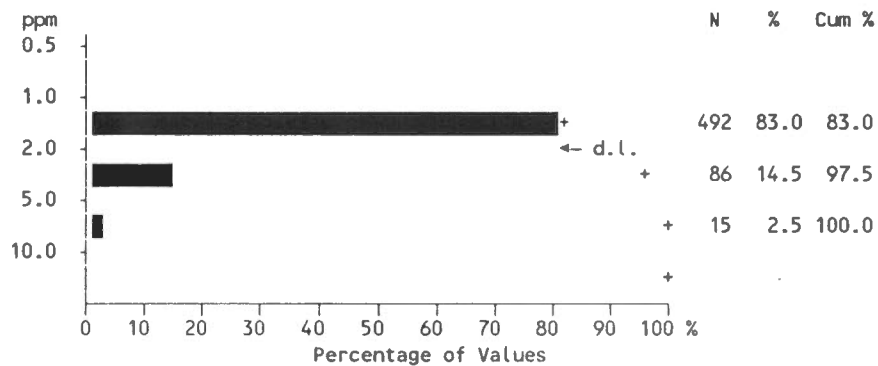
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	492	321	50	26	11	68	15
Number of Missing Values	101	58	14	14	0	4	8
Mean	22.166	22.533	22.546	22.369	22.209	20.787	22.393
Standard deviation	4.135	.478	4.348	3.469	5.178	3.559	3.318
Skewness	.176	9.800	.518	-.276	.687	.319	-.890
Kurtosis	.297	28.100	-.555	.023	.621	.202	.569
Coeff. of Variance %	18.654	22.853	19.287	15.508	23.314	17.124	14.818
Std. error of the Mean	.186	22.700	.615	.680	1.561	.432	.857
Lower 95% limit on Mean	21.800	21.310	20.968	18.731	19.925	20.556	20.556
Upper 95% limit on Mean	22.533	23.782	23.770	25.688	21.648	24.231	24.231
Geometric Mean	21.771	21.974	22.149	22.096	21.681	20.487	22.139
Percentiles							
Minimum value	9.800	7186.900	15.500	14.300	14.600	13.600	14.800
25th %tile	19.300	19.600	19.100	20.500	18.000	18.300	19.900
50th %tile	22.200	0.900	21.400	22.600	21.400	20.600	22.900
75th %tile	24.700	1.700	25.300	24.600	24.900	22.700	24.500
80th %tile	25.400	2.000	25.400	24.700	24.900	23.700	24.500
90th %tile	27.400	2.600	29.200	27.300	27.500	24.800	26.000
95th %tile	28.700	3.200	30.900	28.000	33.000	26.800	27.000
98th %tile	30.800	3.800	31.100	28.600	33.000	28.700	27.000
99th %tile	31.200	4.400	32.200	28.600	33.000	28.700	27.000
Maximum value	37.900	18.865	32.200	28.600	33.000	31.000	27.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

MOLYBDENUM [Mo]

Number of Values - 593  
Units - ppm  
Detection Limit - 2 (variable)



	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	99	63	4	14	0	13	4
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.675	1.666		2.231		1.642	
Standard deviation	.950	.959		1.242		.870	
Skewness	2.840	3.089		.905		2.500	
Kurtosis	9.936	12.531		-.655		5.887	
Coeff. of Variance %	56.735	57.549		55.685		52.998	
Std. error of the Mean	.039	.049		.196		.103	
Lower 95% limit on Mean	1.598	1.569		1.834		1.438	
Upper 95% limit on Mean	1.751	1.763		2.629		1.847	
Geometric Mean	1.521	1.513		1.947		1.505	
Percentiles							
Minimum value	1.250	1.250	1.250	1.250	1.250	1.250	1.250
25th %tile	1.250	1.250	1.250	1.250	1.250	1.250	1.250
50th %tile	1.250	1.250	1.250	1.250	1.250	1.250	1.250
75th %tile	1.250	1.250	1.250	3.000	1.250	1.250	1.250
80th %tile	1.875	1.875	1.250	4.000	1.250	1.875	1.875
90th %tile	3.000	3.000	1.875	4.000	1.875	3.000	2.000
95th %tile	4.000	4.000	2.500	4.000	1.875	4.000	4.000
98th %tile	5.000	4.000	3.000	5.000	1.875	5.000	6.000
99th %tile	5.000	5.000	4.000	5.000	1.875	5.000	6.000
Maximum value	9.000	9.000	4.000	5.000	1.875	5.000	6.000

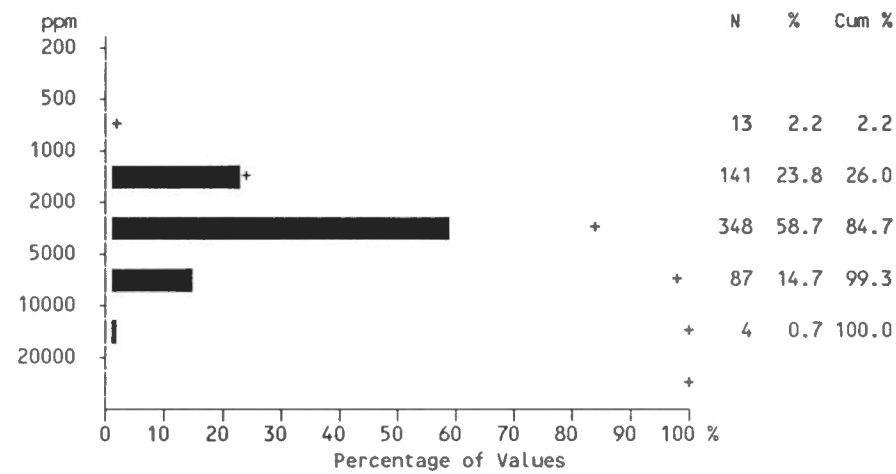
\* Summary statistics not calculated for units with less than 10 values above detection limit.



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

SODIUM [Na]

Number of Values - 593  
Units - ppm  
Detection Limit - 10



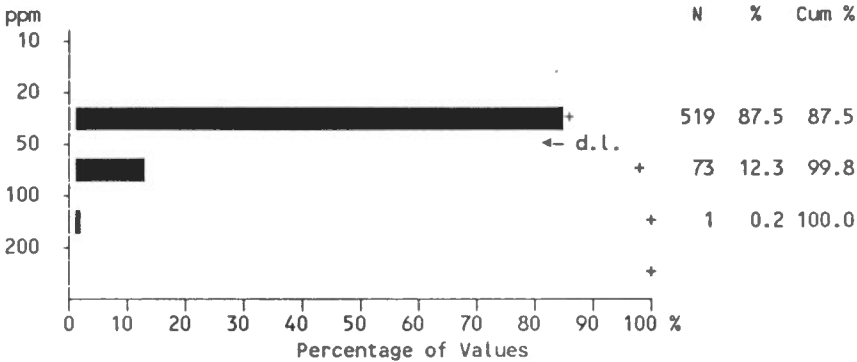
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	ECCN	ECS
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	3379.118	3493.443	3489.250	3540.250	3847.273	2811.250	2537.087
Standard deviation	1954.524	2063.554	2034.091	1911.169	2298.617	1259.846	1100.930
Skewness	1.550	1.511	1.412	1.088	1.070	1.606	.654
Kurtosis	3.471	3.399	2.112	1.004	.436	4.493	.204
Coeff. of Variance %	57.841	59.069	58.296	53.984	59.747	44.814	43.393
Std. error of the Mean	80.263	105.998	254.261	302.182	693.059	148.474	229.560
Lower 95% limit on Mean	3221.484	3285.024	2981.149	2929.029	2303.041	2515.201	2061.009
Upper 95% limit on Mean	3536.752	3701.862	3997.351	4151.471	5391.504	3107.299	3013.165
Geometric Mean	2907.200	2976.400	2994.500	3087.900	3267.100	2576.100	2310.800
Percentiles							
Minimum value	696.000	696.000	838.000	1030.000	1010.000	1110.000	963.000
25th %tile	1940.000	1890.000	2040.000	2140.000	2730.000	1910.000	1730.000
50th %tile	2920.000	3100.000	3020.000	2880.000	3040.000	2590.000	2400.000
75th %tile	4270.000	4370.000	4310.000	4500.000	4570.000	3380.000	3220.000
80th %tile	4470.000	4700.000	4460.000	4890.000	4570.000	3570.000	3360.000
90th %tile	5890.000	6160.000	6300.000	6110.000	7880.000	4190.000	3710.000
95th %tile	7240.000	7410.000	7620.000	6700.000	8140.000	4870.000	4310.000
98th %tile	8490.000	8520.000	9590.000	9400.000	8140.000	6220.000	5310.000
99th %tile	9400.000	9820.000	9960.000	9400.000	8140.000	6220.000	5310.000
Maximum value	13900.000	13900.000	9960.000	9400.000	8140.000	8340.000	5310.000

\* Summary statistics not calculated for units with  
less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

NICKEL [Ni]

Number of Values - 593  
Units - ppm  
Detection Limit - 50



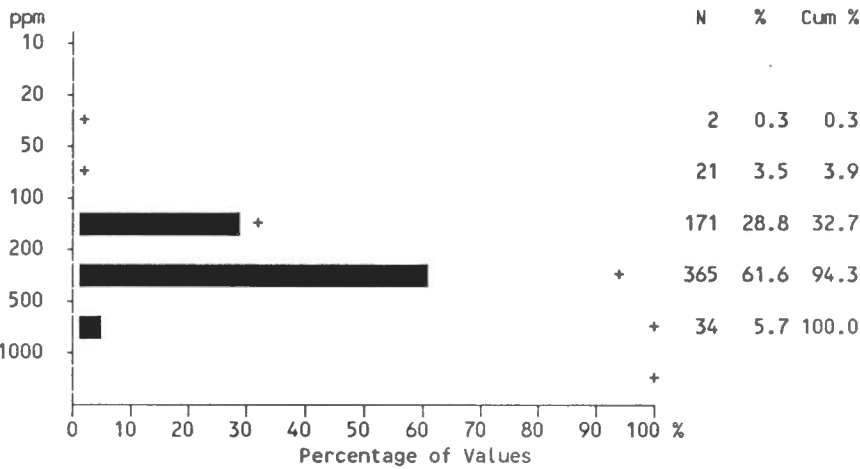
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	74	35	4	2	5	20	7
Number of Missing Values	0	0	0	0	0	0	0
Mean	34.922	33.776				40.764	
Standard deviation	10.333	8.260				16.735	
Skewness	2.893	3.295				1.589	
Kurtosis	8.085	10.208				1.593	
Coeff. of Variance %	29.587	24.455				41.054	
Std. error of the Mean	.424	.424				1.972	
Lower 95% limit on Mean	34.089	32.941				36.831	
Upper 95% limit on Mean	35.755	34.610				44.697	
Geometric Mean	33.898	33.094				38.214	
Percentiles							
Minimum value	31.250	31.250	31.250	31.250	31.250	31.250	31.250
25th %tile	31.250	31.250	31.250	31.250	31.250	31.250	31.250
50th %tile	31.250	31.250	31.250	31.250	31.250	31.250	31.250
75th %tile	31.250	31.250	31.250	31.250	51.000	50.000	61.000
80th %tile	31.250	31.250	31.250	31.250	51.000	57.000	69.000
90th %tile	52.000	31.250	31.250	31.250	55.000	68.000	71.000
95th %tile	59.000	54.000	51.000	31.250	60.000	76.000	76.000
98th %tile	70.000	62.000	55.000	56.000	60.000	83.000	80.000
99th %tile	75.000	66.000	55.000	56.000	60.000	83.000	80.000
Maximum value	100.000	78.000	55.000	56.000	60.000	100.000	80.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

RUBIDIUM [Rb]

Number of Values - 593  
Units - ppm  
Detection Limit - 5



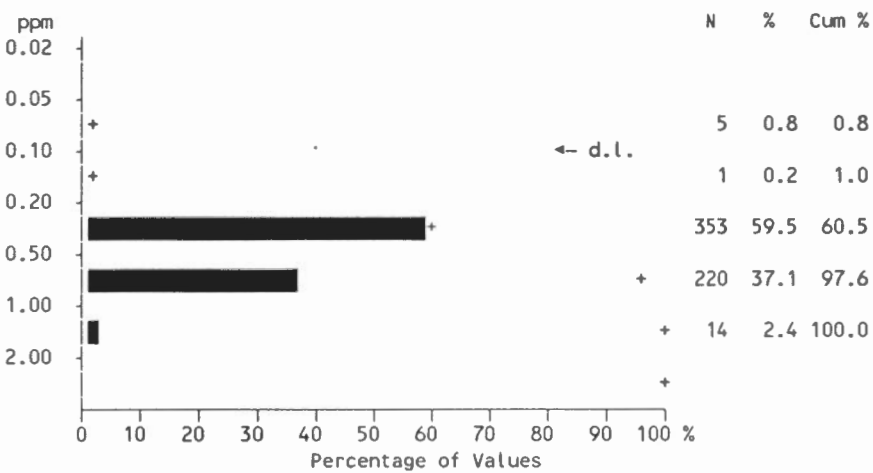
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	270.960	278.119	324.375	328.375	280.909	182.431	166.609
Standard deviation	125.037	117.311	133.565	138.858	132.473	98.108	79.149
Skewness	.848	.861	.408	1.353	1.154	1.105	1.930
Kurtosis	.857	.953	-.455	2.914	1.414	.578	4.723
Coeff. of Variance %	46.146	42.180	41.176	42.286	47.159	53.778	47.506
Std. error of the Mean	5.135	6.026	16.696	21.955	39.942	11.562	16.504
Lower 95% limit on Mean	260.875	266.270	291.011	283.966	191.913	159.376	132.382
Upper 95% limit on Mean	281.044	289.967	357.739	372.784	369.906	205.485	200.835
Geometric Mean	242.810	254.290	295.820	303.510	255.620	159.680	153.010
Percentiles							
Minimum value	42.000	73.000	92.000	130.000	130.000	42.000	90.000
25th %tile	180.000	190.000	230.000	220.000	190.000	110.000	100.000
50th %tile	260.000	260.000	300.000	300.000	250.000	150.000	150.000
75th %tile	340.000	340.000	410.000	420.000	370.000	220.000	200.000
80th %tile	360.000	360.000	420.000	440.000	370.000	270.000	200.000
90th %tile	430.000	420.000	500.000	490.000	410.000	320.000	260.000
95th %tile	500.000	490.000	550.000	540.000	580.000	410.000	300.000
98th %tile	560.000	560.000	588.000	830.000	580.000	430.000	430.000
99th %tile	588.000	600.000	670.000	830.000	580.000	430.000	430.000
Maximum value	830.000	770.000	670.000	830.000	580.000	460.000	430.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

ANTIMONY [Sb]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.1



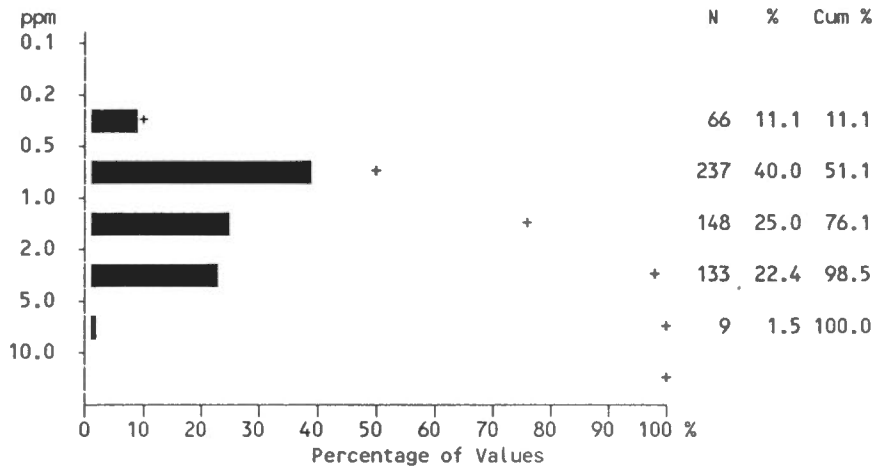
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	588	378	60	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	.452	.460	.420	.520	.500	.419	.361
Standard deviation	.188	.181	.237	.217	.245	.148	.123
Skewness	1.616	1.736	1.838	1.084	1.447	1.025	.045
Kurtosis	4.891	5.677	5.437	1.286	3.044	1.114	.163
Coeff. of Variance %	41.631	39.383	56.432	41.816	48.990	35.257	34.184
Std. error of the Mean	.008	.009	.030	.034	.074	.017	.026
Lower 95% limit on Mean	.437	.441	.360	.450	.335	.385	.308
Upper 95% limit on Mean	.467	.478	.479	.590	.665	.454	.414
Geometric Mean	.417	.430	.358	.480	.453	.396	.337
Percentiles							
Minimum value	.063	.063	.063	.200	.200	.200	.100
25th %tile	0.300	0.300	0.300	0.300	0.300	0.300	0.300
50th %tile	0.400	0.400	0.400	0.500	0.400	0.400	0.400
75th %tile	0.500	0.500	0.500	0.600	0.600	0.500	0.400
80th %tile	0.600	0.600	0.500	0.700	0.600	0.500	0.400
90th %tile	0.700	0.700	0.600	0.800	0.600	0.600	0.500
95th %tile	0.800	0.800	0.800	0.900	1.100	0.700	0.600
98th %tile	0.900	0.900	1.200	1.200	1.100	0.800	0.600
99th %tile	1.000	1.000	1.400	1.200	1.100	0.800	0.600
Maximum value	1.600	1.600	1.400	1.200	1.100	.900	.600

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

SCANDIUM [Sc]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.1



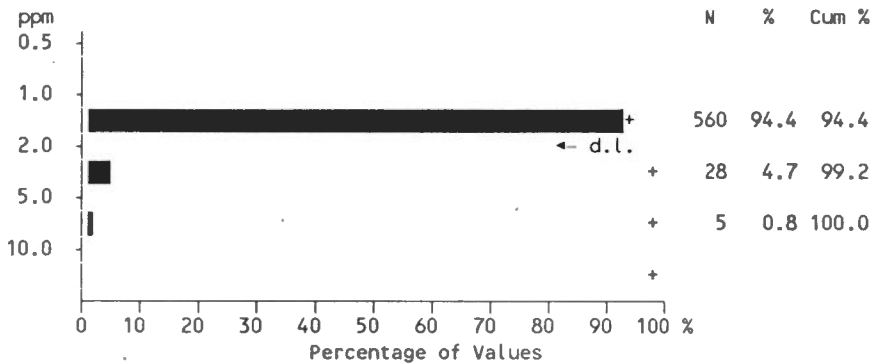
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	εCCN	εCS
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.410	1.361	1.358	1.592	1.209	1.543	1.613
Standard deviation	1.187	1.170	1.131	1.473	.977	1.174	1.089
Skewness	1.811	2.132	1.249	1.627	2.174	1.116	.662
Kurtosis	4.033	6.131	.440	2.232	5.102	.167	-.660
Coeff. of Variance %	84.152	85.967	83.300	92.512	80.821	76.059	67.507
Std. error of the Mean	.049	.060	.141	.233	.295	.138	.227
Lower 95% limit on Mean	1.315	1.243	1.075	1.121	.553	1.267	1.142
Upper 95% limit on Mean	1.506	1.480	1.640	2.064	1.866	1.819	2.084
Geometric Mean	1.058	1.030	.992	1.119	.982	1.175	1.260
Percentiles							
Minimum value	.200	.200	.300	.300	.500	.400	.400
25th %tile	0.600	0.600	0.500	0.600	0.600	0.600	0.600
50th %tile	0.900	0.900	0.900	0.900	0.800	1.100	1.500
75th %tile	1.800	1.600	1.900	2.600	1.700	2.100	2.700
80th %tile	2.200	2.000	2.000	2.800	1.700	2.600	2.800
90th %tile	3.100	2.800	3.400	3.100	1.900	3.600	2.900
95th %tile	3.800	3.800	3.800	4.600	3.800	4.000	3.500
98th %tile	4.500	4.400	4.200	6.000	3.800	4.500	4.000
99th %tile	5.200	5.200	4.300	6.000	3.800	4.500	4.000
Maximum value	8.900	8.900	4.300	6.000	3.800	4.700	4.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

SELENIUM [Se]

Number of Values - 593  
Units - ppm  
Detection Limit - 2 (variable)



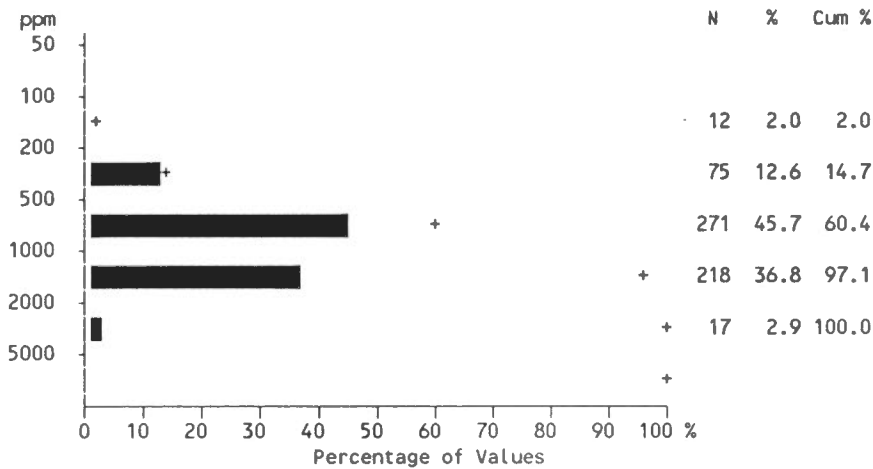
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	ECCN	ECS
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	26	15	4	2	1	2	1
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.579	1.574					
Standard deviation	.588	.574					
Skewness	4.014	4.257					
Kurtosis	24.418	28.742					
Coeff. of Variance %	37.235	36.463					
Std. error of the Mean	.024	.029					
Lower 95% limit on Mean	1.531	1.516					
Upper 95% limit on Mean	1.626	1.632					
Geometric Mean	1.511	1.509					
Percentiles							
Minimum value	1.250	1.250	1.250	1.250	1.250	1.250	1.250
25th %tile	1.250	1.250	1.250	1.250	1.250	1.250	1.250
50th %tile	1.250	1.250	1.250	1.250	1.875	1.250	1.250
75th %tile	1.875	1.875	1.875	1.875	1.875	1.875	1.250
80th %tile	1.875	1.875	1.875	1.875	1.875	1.875	1.875
90th %tile	1.875	1.875	1.875	1.875	1.875	1.875	1.875
95th %tile	2.000	1.875	2.500	1.875	4.000	1.875	1.875
98th %tile	3.000	3.000	5.000	4.000	4.000	3.000	2.000
99th %tile	4.000	4.000	6.000	4.000	4.000	3.000	2.000
Maximum value	7.000	7.000	6.000	4.000	4.000	3.000	2.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

STRONTIUM [Sr]

Number of Values - 593  
Units - ppm  
Detection Limit - 100 (variable)



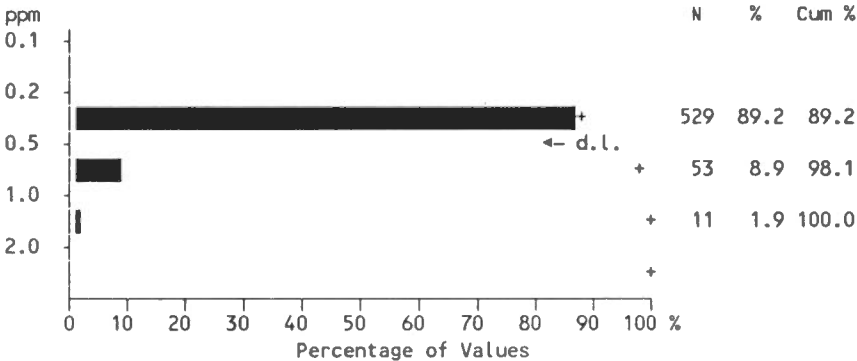
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	582	372	63	40	11	70	22
Number of Missing Values	0	0	0	0	0	0	0
Mean	940.786	1003.809	968.281	933.000	886.364	742.257	514.783
Standard deviation	453.224	476.059	426.438	370.227	463.859	305.102	248.026
Skewness	.853	.857	.495	.089	.775	.103	.622
Kurtosis	1.052	.975	-.440	-.323	-.688	-.373	.259
Coeff. of Variance %	48.175	47.425	44.041	39.681	52.333	41.105	48.181
Std. error of the Mean	18.612	24.453	53.305	58.538	139.859	35.957	51.717
Lower 95% limit on Mean	904.233	955.727	861.760	814.596	574.739	670.561	407.528
Upper 95% limit on Mean	977.339	1051.891	1074.802	1051.404	1197.988	813.953	622.037
Geometric Mean	828.760	888.740	870.930	848.450	784.090	666.960	454.600
Percentiles							
Minimum value	125.000	125.000	220.000	270.000	390.000	125.000	150.000
25th %tile	610.000	670.000	630.000	740.000	490.000	560.000	320.000
50th %tile	860.000	930.000	850.000	910.000	770.000	710.000	510.000
75th %tile	1200.000	1300.000	1300.000	1200.000	1300.000	980.000	660.000
80th %tile	1300.000	1400.000	1400.000	1200.000	1300.000	1000.000	690.000
90th %tile	1500.000	1600.000	1600.000	1400.000	1600.000	1200.000	800.000
95th %tile	1700.000	1800.000	1700.000	1500.000	1700.000	1200.000	1000.000
98th %tile	2000.000	2200.000	1800.000	1800.000	1700.000	1300.000	1100.000
99th %tile	2200.000	2500.000	2100.000	1800.000	1700.000	1300.000	1100.000
Maximum value	2900.000	2900.000	2100.000	1800.000	1700.000	1500.000	1100.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

TANTALUM [TA]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.5 (variable)



	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	64	37	4	6	1	11	3
Number of Missing Values	0	0	0	0	0	0	0
Mean	.363	.358				.393	
Standard deviation	.160	.158				.199	
Skewness	3.700	4.291				2.266	
Kurtosis	15.721	22.094				3.497	
Coeff. of Variance %	44.162	43.989				50.798	
Std. error of the Mean	.007	.008				.023	
Lower 95% limit on Mean	.350	.342				.346	
Upper 95% limit on Mean	.376	.374				.439	
Geometric Mean	.344	.341				.362	
Percentiles							
Minimum value	.313	.313	.313	.313	.313	.313	.313
25th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
50th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
75th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
80th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
90th %tile	0.500	0.375	0.313	0.600	0.313	0.900	0.500
95th %tile	0.700	0.700	0.600	0.800	0.900	0.900	0.600
98th %tile	0.900	0.900	0.700	1.100	0.900	1.000	0.700
99th %tile	1.000	1.000	0.900	1.100	0.900	1.000	0.700
Maximum value	1.700	1.700	.900	1.100	.900	1.000	.700

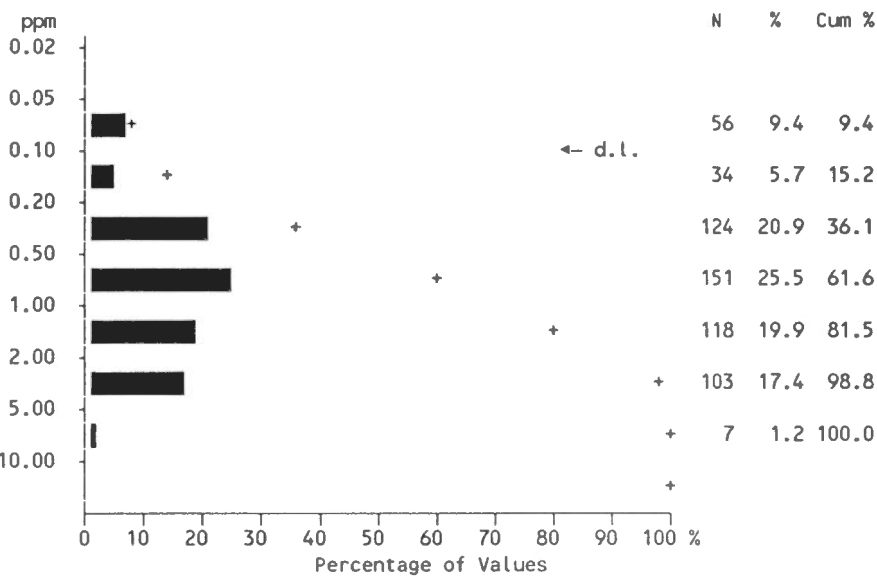
\* Summary statistics not calculated for units with  
less than 10 values above detection limit.



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

THORIUM [Th]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.10 (variable)



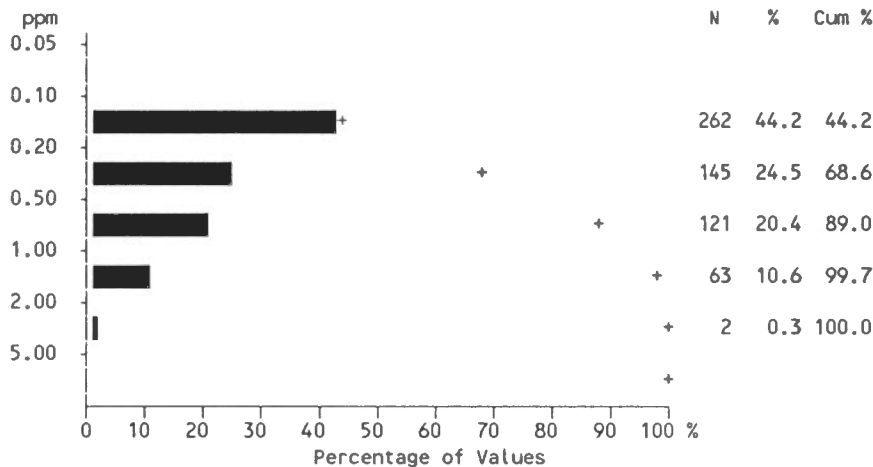
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	499	324	51	33	9	57	21
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.099	1.051	1.078	1.426		1.144	1.283
Standard deviation	1.143	1.136	.926	1.512		1.176	1.104
Skewness	1.940	2.318	.946	1.358		1.247	.829
Kurtosis	4.936	7.345	.025	.882		.698	-.053
Coeff. of Variance %	104.012	108.086	85.826	106.081		102.825	86.041
Std. error of the Mean	.047	.058	.116	.239		.139	.230
Lower 95% limit on Mean	1.007	.937	.847	.942		.868	.806
Upper 95% limit on Mean	1.192	1.166	1.310	1.909		1.420	1.761
Geometric Mean	.630	.616	.653	.764		.572	.781
Percentiles							
Minimum value	.056	.056	.063	.063	.063	.063	.063
25th %tile	0.300	0.300	0.313	0.313	0.100	0.200	0.300
50th %tile	0.700	0.600	0.700	0.600	0.790	0.700	0.950
75th %tile	1.600	1.300	1.600	2.400	1.200	1.600	2.100
80th %tile	1.900	1.800	1.700	2.600	1.200	2.300	2.100
90th %tile	2.600	2.200	2.600	3.200	1.500	2.800	3.000
95th %tile	3.400	3.400	3.000	4.800	2.300	3.600	3.000
98th %tile	4.400	4.400	3.300	5.400	2.300	4.300	4.000
99th %tile	4.800	4.800	3.500	5.400	2.300	4.300	4.000
Maximum value	8.200	8.200	3.500	5.400	2.300	4.400	4.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

URANIUM [U]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.1 (variable)



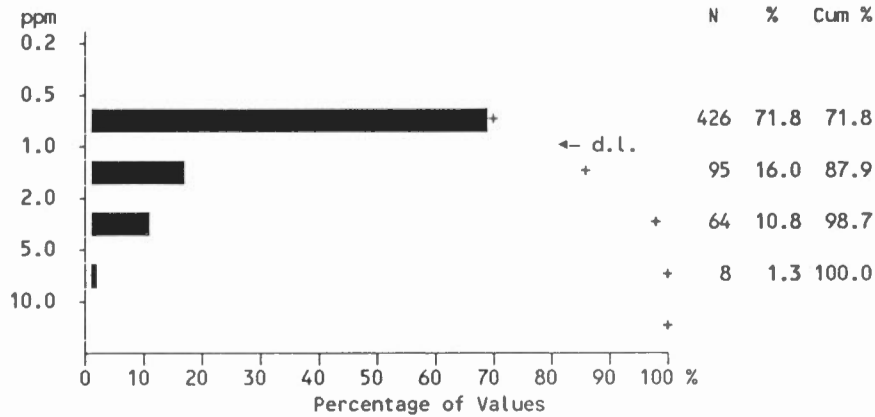
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	ECCN	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	215	135	29	12	3	25	9
Number of Missing Values	0	0	0	0	0	0	0
Mean	.435	.434	.469	.478		.395	
Standard deviation	.400	.414	.363	.474		.359	
Skewness	2.346	2.712	1.085	1.582		1.545	
Kurtosis	8.483	11.127	.384	1.381		1.355	
Coeff. of Variance %	91.912	95.246	77.321	99.080		90.922	
Std. error of the Mean	.016	.021	.045	.075		.042	
Lower 95% limit on Mean	.403	.393	.378	.327		.310	
Upper 95% limit on Mean	.467	.476	.560	.630		.479	
Geometric Mean	.321	.321	.350	.332		.286	
Percentiles							
Minimum value	.125	.125	.125	.125	.125	.125	.125
25th %tile	0.188	0.188	0.188	0.188	0.188	0.188	0.188
50th %tile	0.250	0.250	0.250	0.250	0.250	0.188	0.375
75th %tile	0.600	0.600	0.700	0.500	0.313	0.500	0.600
80th %tile	0.700	0.700	0.700	0.900	0.313	0.600	0.600
90th %tile	1.000	0.900	1.000	1.200	0.400	1.000	0.900
95th %tile	1.200	1.200	1.200	1.400	0.900	1.200	0.900
98th %tile	1.500	1.600	1.400	1.900	0.900	1.400	1.400
99th %tile	1.600	1.700	1.500	1.900	0.900	1.400	1.400
Maximum value	3.300	3.300	1.500	1.900	.900	1.500	1.400

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

TUNGSTEN [W]

Number of Values - 593  
Units - ppm  
Detection Limit - 1 (variable)



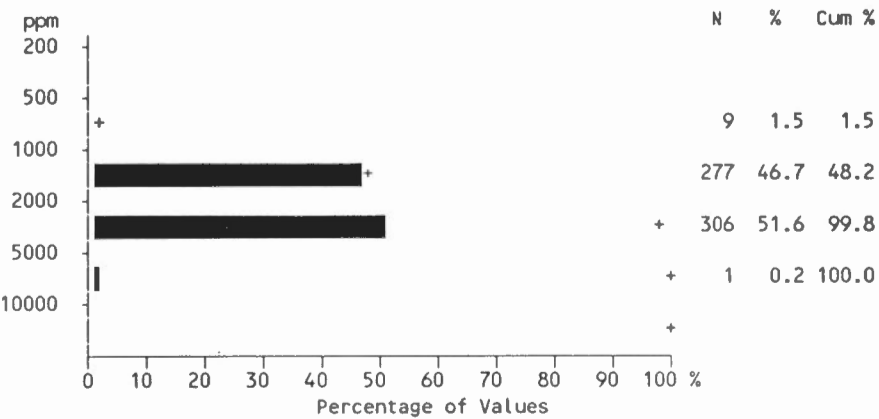
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	64	43	1	6	2	10	2
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.050	1.037				.863	
Standard deviation	.984	.961				.714	
Skewness	3.755	3.755				4.266	
Kurtosis	19.275	19.287				20.298	
Coeff. of Variance %	93.733	92.716				82.710	
Std. error of the Mean	.040	.049				.084	
Lower 95% limit on Mean	.970	.940				.695	
Upper 95% limit on Mean	1.129	1.134				1.031	
Geometric Mean	.849	.842				.749	
Percentiles							
Minimum value	.625	.625	.625	.625	.625	.625	.625
25th %tile	0.625	0.625	0.625	0.625	0.625	0.625	0.625
50th %tile	0.625	0.625	0.625	0.625	0.625	0.625	0.625
75th %tile	1.250	1.250	0.625	2.000	0.625	0.625	1.875
80th %tile	1.250	1.250	1.250	2.000	0.625	0.625	1.875
90th %tile	2.000	2.000	2.500	3.125	1.000	1.250	1.875
95th %tile	3.000	3.000	3.125	4.375	2.000	2.000	1.875
98th %tile	4.000	4.000	3.750	9.000	2.000	4.000	2.000
99th %tile	4.375	4.000	5.000	9.000	2.000	4.000	2.000
Maximum value	9.000	9.000	5.000	9.000	2.000	5.000	2.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

ZINC [ZN]

Number of Values - 593  
Units - ppm  
Detection Limit - 20



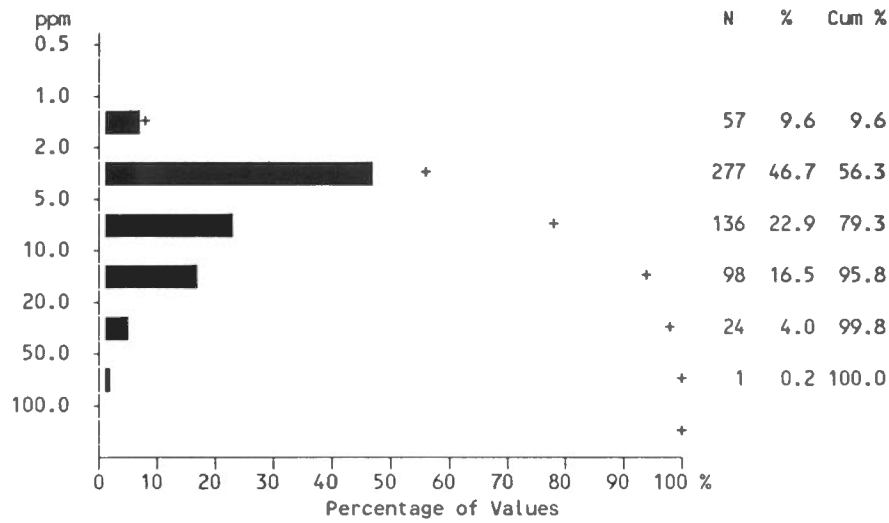
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	2053.727	2059.472	2070.313	2171.500	2218.182	1938.333	2000.000
Standard deviation	590.471	608.634	552.535	578.750	708.263	514.135	583.874
Skewness	.898	.997	.738	.451	1.170	.407	.866
Kurtosis	1.835	2.296	.977	1.238	1.355	-.263	.019
Coeff. of Variance %	28.751	29.553	26.688	26.652	31.930	26.525	29.194
Std. error of the Mean	24.248	31.263	69.067	91.508	213.549	60.591	121.746
Lower 95% limit on Mean	2006.105	1998.000	1932.293	1986.407	1742.364	1817.517	1747.514
Upper 95% limit on Mean	2101.349	2120.944	2208.332	2356.593	2693.999	2059.149	2252.486
Geometric Mean	1973.200	1975.100	2000.800	2093.400	2126.500	1871.100	1925.300
Percentiles							
Minimum value	840.000	840.000	1100.000	860.000	1300.000	960.000	1200.000
25th %tile	1600.000	1600.000	1600.000	1700.000	1700.000	1500.000	1600.000
50th %tile	2000.000	2000.000	2000.000	2200.000	2000.000	1900.000	1900.000
75th %tile	2400.000	2400.000	2400.000	2400.000	2700.000	2300.000	2300.000
80th %tile	2500.000	2500.000	2500.000	2500.000	2700.000	2400.000	2500.000
90th %tile	2800.000	2800.000	2800.000	2900.000	3000.000	2600.000	2900.000
95th %tile	3000.000	3100.000	3000.000	3000.000	3800.000	2900.000	3200.000
98th %tile	3400.000	3400.000	3100.000	3900.000	3800.000	3200.000	3300.000
99th %tile	3500.000	3500.000	4000.000	3900.000	3800.000	3200.000	3300.000
Maximum value	5100.000	5100.000	4000.000	3900.000	3800.000	3200.000	3300.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

LANTHANUM [La]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.1



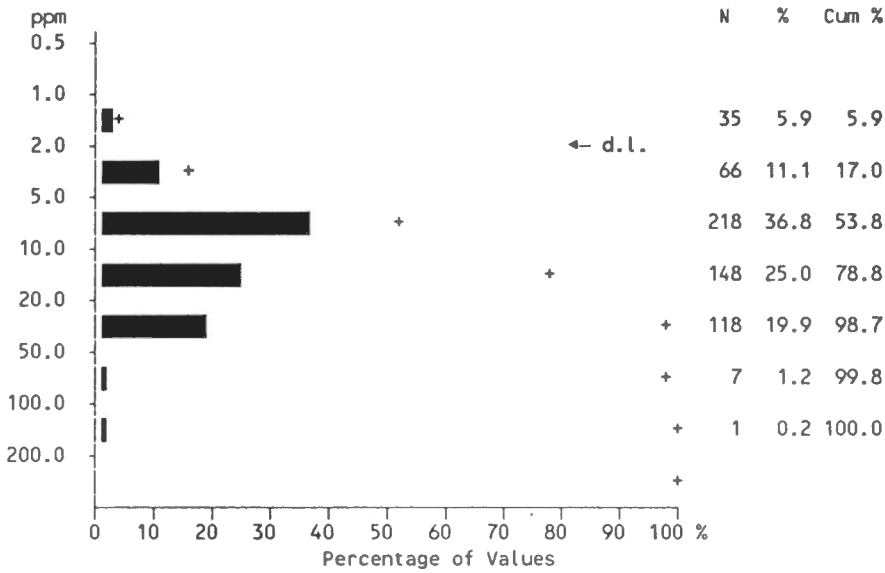
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	6.663	6.497	6.439	7.545	5.555	7.224	7.078
Standard deviation	6.138	6.282	5.229	7.354	4.068	6.207	4.489
Skewness	2.530	3.024	1.225	1.739	1.879	1.366	.669
Kurtosis	11.020	15.175	.450	2.603	4.120	1.011	-.564
Coeff. of Variance %	92.110	96.703	81.207	97.466	73.229	85.922	63.413
Std. error of the Mean	.252	.323	.654	1.163	1.226	.731	.936
Lower 95% limit on Mean	6.168	5.862	5.133	5.193	2.822	5.765	5.137
Upper 95% limit on Mean	7.158	7.131	7.745	9.897	8.287	8.682	9.019
Geometric Mean	4.863	4.744	4.760	5.159	4.565	5.200	5.718
Percentiles							
Minimum value	1.100	1.100	1.300	1.200	2.000	1.400	1.500
25th %tile	2.700	2.600	2.400	2.700	2.600	2.800	3.000
50th %tile	4.100	4.000	4.200	4.100	4.100	5.000	6.200
75th %tile	8.600	8.100	8.100	11.000	7.500	9.800	10.000
80th %tile	10.000	9.700	9.900	12.000	7.500	13.000	12.000
90th %tile	15.000	13.000	16.000	17.000	8.100	17.000	13.000
95th %tile	18.000	18.000	17.000	22.000	16.000	20.000	15.000
98th %tile	24.000	24.000	19.000	31.000	16.000	25.000	17.000
99th %tile	25.000	28.000	21.000	31.000	16.000	25.000	17.000
Maximum value	59.000	59.000	21.000	31.000	16.000	25.000	17.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

CERIUM [Ce]

Number of Values - 593  
Units - ppm  
Detection Limit - 3



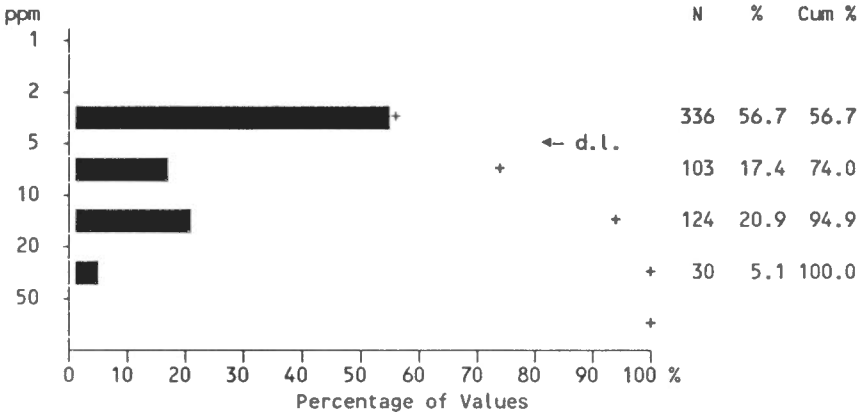
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	ECCN	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	558	361	57	38	11	66	21
Number of Missing Values	0	0	0	0	0	0	0
Mean	12.979	12.643	12.736	14.819	11.182	13.795	13.902
Standard deviation	11.627	11.657	10.657	14.381	8.448	11.886	9.288
Skewness	2.332	2.864	1.130	1.678	2.227	1.299	.562
Kurtosis	9.722	14.427	.270	2.596	5.843	.881	-.635
Coeff. of Variance %	89.583	92.200	83.673	97.049	75.549	86.163	66.809
Std. error of the Mean	.477	.599	1.332	2.274	2.547	1.401	1.937
Lower 95% limit on Mean	12.041	11.466	10.074	10.219	5.507	11.002	9.886
Upper 95% limit on Mean	13.917	13.820	15.398	19.418	16.857	16.588	17.919
Geometric Mean	9.350	9.261	8.888	9.826	9.223	9.591	10.558
Percentiles							
Minimum value	1.875	1.875	1.875	1.875	4.000	1.875	1.875
25th %tile	5.000	5.000	5.000	4.000	5.000	5.000	6.000
50th %tile	8.000	8.000	8.000	9.000	10.000	10.000	14.000
75th %tile	17.000	16.000	18.000	23.000	13.000	19.000	20.000
80th %tile	20.000	19.000	19.000	25.000	13.000	24.000	23.000
90th %tile	29.000	27.000	32.000	31.000	16.000	32.000	28.000
95th %tile	34.000	34.000	34.000	44.000	34.000	40.000	29.000
98th %tile	45.000	45.000	39.000	62.000	34.000	47.000	34.000
99th %tile	49.000	50.000	42.000	62.000	34.000	47.000	34.000
Maximum value	110.000	110.000	42.000	62.000	34.000	48.000	34.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

NEODYMIUM [Nd]

Number of Values - 593  
Units - ppm  
Detection Limit - 5 (variable)



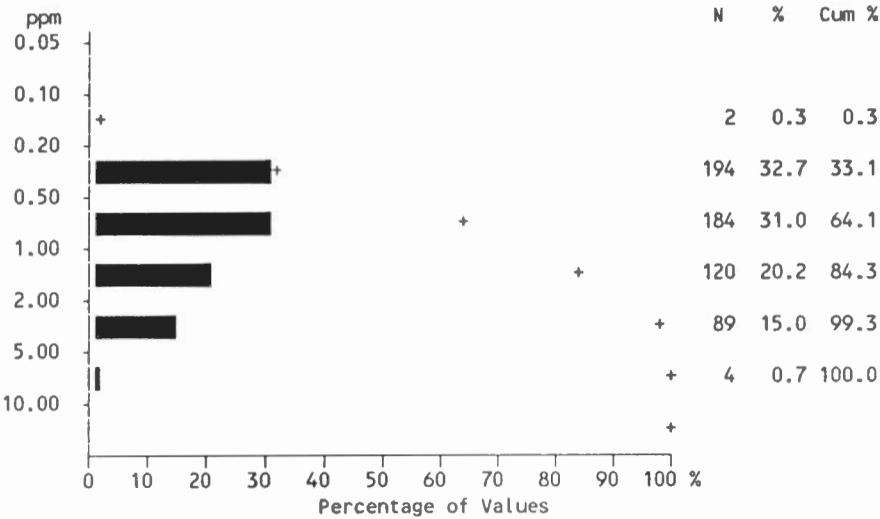
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	257	156	33	17	4	33	12
Number of Missing Values	0	0	0	0	0	0	0
Mean	7.225	6.954	7.367	8.697		7.651	7.625
Standard deviation	6.356	6.199	5.543	9.083		6.566	5.297
Skewness	2.105	2.320	1.281	1.884		1.678	.879
Kurtosis	5.667	7.389	.599	3.017		2.499	-.397
Coeff. of Variance %	87.977	89.144	75.234	104.434		85.820	69.464
Std. error of the Mean	.261	.318	.693	1.436		.774	1.104
Lower 95% limit on Mean	6.712	6.328	5.983	5.792		6.108	5.335
Upper 95% limit on Mean	7.737	7.580	8.752	11.602		9.194	9.915
Geometric Mean	5.456	5.280	5.796	5.885		5.733	6.059
Percentiles							
Minimum value	3.125	3.125	3.125	3.125	3.125	3.125	3.125
25th %tile	3.125	3.125	3.125	3.125	3.125	3.125	3.125
50th %tile	3.125	3.125	5.000	3.125	3.125	3.125	7.000
75th %tile	10.000	10.000	9.000	11.000	8.000	10.000	10.000
80th %tile	11.000	10.000	10.000	12.000	8.000	11.000	13.000
90th %tile	16.000	15.000	17.000	21.000	11.000	17.000	16.000
95th %tile	19.000	19.000	18.000	28.000	19.000	24.000	18.000
98th %tile	25.000	24.000	21.000	39.000	19.000	27.000	19.000
99th %tile	28.000	28.000	23.000	39.000	19.000	27.000	19.000
Maximum value	47.000	47.000	23.000	39.000	19.000	31.000	19.000

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

SAMARIUM [Sm]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.1



	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	593	379	64	40	11	72	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	1.061	1.018	1.006	1.275	.891	1.181	1.213
Standard deviation	.992	.975	.839	1.315	.735	1.068	.893
Skewness	2.006	2.351	1.045	1.644	2.338	1.368	.822
Kurtosis	5.206	7.597	-.054	2.209	6.249	1.057	-.394
Coeff. of Variance %	93.535	95.739	83.408	103.103	82.552	90.482	73.621
Std. error of the Mean	.041	.050	.105	.208	.222	.126	.186
Lower 95% limit on Mean	.981	.920	.797	.855	.397	.930	.827
Upper 95% limit on Mean	1.141	1.117	1.216	1.695	1.385	1.432	1.599
Geometric Mean	.744	.724	.701	.806	.715	.808	.911
Percentiles							
Minimum value	.100	.200	.100	.200	.300	.200	.200
25th %tile	0.400	0.400	0.300	0.300	0.400	0.400	0.400
50th %tile	0.600	0.600	0.700	0.700	0.700	0.800	0.900
75th %tile	1.400	1.300	1.400	2.100	1.100	1.700	1.800
80th %tile	1.700	1.600	1.600	2.100	1.100	2.000	2.100
90th %tile	2.500	2.100	2.500	3.100	1.300	2.700	2.700
95th %tile	3.000	3.000	2.500	3.900	2.900	3.700	2.800
98th %tile	4.000	4.000	2.900	5.200	2.900	4.200	3.200
99th %tile	4.200	4.200	3.200	5.200	2.900	4.200	3.200
Maximum value	7.500	7.500	3.200	5.200	2.900	4.300	3.200

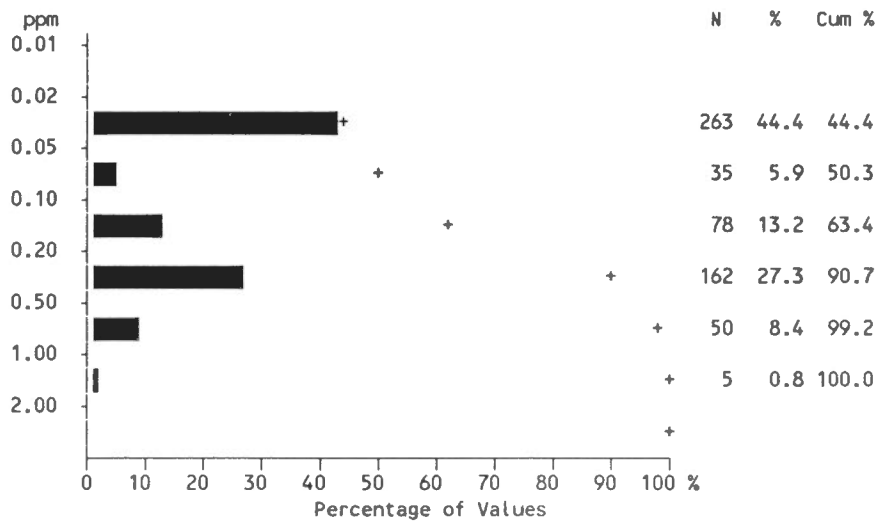
\* Summary statistics not calculated for units with less than 10 values above detection limit.



Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

EUROPIUM [Eu]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.01 (variable)



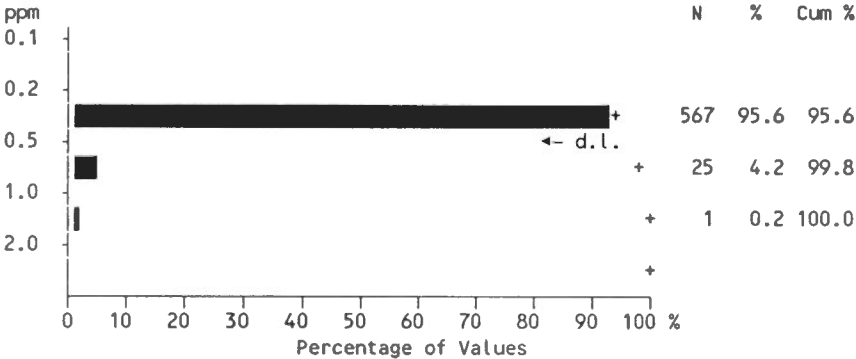
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>G</sub>	DC	ECCN	ECs
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	278	167	28	19	5	42	15
Number of Missing Values	0	0	0	0	0	0	0
Mean	.192	.176	.191	.237		.238	.247
Standard deviation	.211	.206	.187	.258		.236	.193
Skewness	1.790	2.162	1.086	1.570		1.200	.333
Kurtosis	4.287	6.721	.091	2.429		.852	-1.012
Coeff. of Variance %	110.075	117.308	97.691	108.978		99.278	77.912
* Std. error of the Mean	.009	.011	.023	.041		.028	.040
Lower 95% limit on Mean	.175	.155	.145	.154		.182	.164
Upper 95% limit on Mean	.209	.196	.238	.319		.294	.331
Geometric Mean	.106	.097	.113	.128		.134	.152
Percentiles							
Minimum value	.025	.025	.031	.031	.038	.031	.025
25th %tile	0.038	0.038	0.038	0.038	0.038	0.038	0.038
50th %tile	0.056	0.050	0.125	0.125	0.050	0.160	0.220
75th %tile	0.300	0.260	0.310	0.400	0.290	0.370	0.380
80th %tile	0.350	0.300	0.340	0.410	0.290	0.440	0.390
90th %tile	0.480	0.410	0.500	0.500	0.320	0.580	0.510
95th %tile	0.600	0.570	0.560	0.650	0.480	0.760	0.590
98th %tile	0.780	0.780	0.610	1.040	0.480	0.810	0.620
99th %tile	0.820	0.820	0.720	1.040	0.480	0.810	0.620
Maximum value	1.540	1.540	.720	1.040	.480	1.020	.620

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

TERBIUM [Tb]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.5



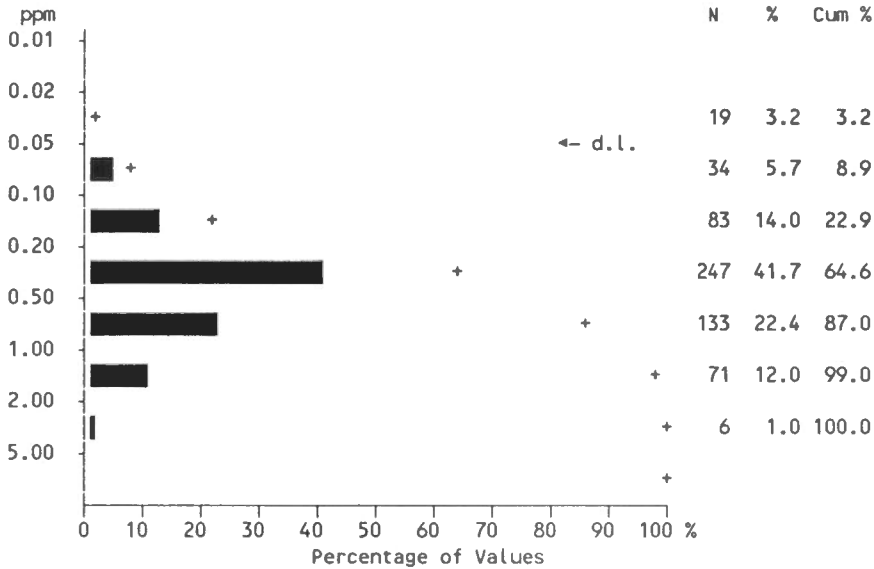
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	eCCN	eCS
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	26	11	2	5	0	7	1
Number of Missing Values	0	0	0	0	0	0	0
Mean	.326	.323					
Standard deviation	.070	.064					
Skewness	5.686	7.074					
Kurtosis	35.023	54.807					
Coeff. of Variance %	21.409	19.795					
Std. error of the Mean	.003	.003					
Lower 95% limit on Mean	.321	.316					
Upper 95% limit on Mean	.332	.329					
Geometric Mean	.322	.319					
Percentiles							
Minimum value	.313	.313	.313	.313	.313	.313	.313
25th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
50th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
75th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
80th %tile	0.313	0.313	0.313	0.313	0.313	0.313	0.313
90th %tile	0.313	0.313	0.313	0.600	0.313	0.313	0.313
95th %tile	0.313	0.313	0.313	0.600	0.313	0.500	0.313
98th %tile	0.600	0.500	0.500	0.800	0.313	0.700	0.500
99th %tile	0.700	0.700	0.500	0.800	0.313	0.700	0.500
Maximum value	1.000	1.000	.500	.800	.313	.800	.500

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

YTTERBIUM [Yb]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.05 (variable)



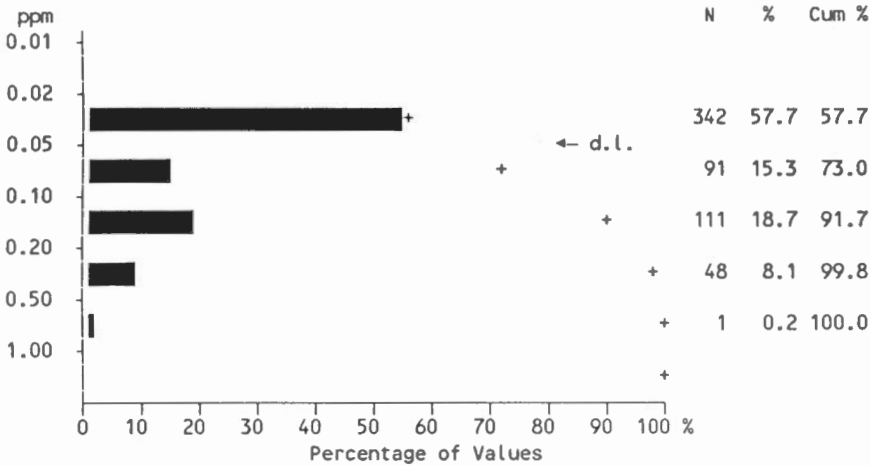
	All Units	CO <sub>G</sub>	CO <sub>H</sub>	DC <sub>g</sub>	DC	EC <sub>CN</sub>	EC <sub>S</sub>
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	538	341	54	38	11	67	23
Number of Missing Values	0	0	0	0	0	0	0
Mean	.502	.475	.472	.600	.424	.575	.631
Standard deviation	.442	.422	.396	.583	.282	.502	.449
Skewness	1.755	1.943	1.080	1.803	1.961	1.331	.922
Kurtosis	3.764	5.083	.285	3.127	4.280	1.312	.280
Coeff. of Variance %	88.117	88.768	83.941	97.187	66.550	87.249	71.091
Std. error of the Mean	.018	.022	.050	.092	.085	.059	.094
Lower 95% limit on Mean	.466	.432	.373	.414	.234	.457	.437
Upper 95% limit on Mean	.537	.518	.571	.787	.613	.693	.825
Geometric Mean	.345	.328	.318	.404	.363	.386	.488
Percentiles							
Minimum value	.031	.031	.050	.056	.190	.038	.160
25th %tile	0.200	0.200	0.170	0.210	0.220	0.200	0.230
50th %tile	0.340	0.330	0.310	0.310	0.400	0.400	0.490
75th %tile	0.670	0.630	0.660	0.940	0.470	0.820	0.930
80th %tile	0.810	0.750	0.740	0.970	0.470	0.920	1.030
90th %tile	1.070	0.990	1.140	1.320	0.680	1.360	1.290
95th %tile	1.370	1.320	1.290	1.690	1.150	1.600	1.290
98th %tile	1.650	1.640	1.390	2.500	1.150	1.830	1.790
99th %tile	1.850	1.850	1.580	2.500	1.150	1.830	1.790
Maximum value	2.960	2.960	1.580	2.500	1.150	2.320	1.790

\* Summary statistics not calculated for units with less than 10 values above detection limit.

Reconnaissance Biogeochemical Survey, Eastern Nova Scotia; GSC OF-2002, 1989  
Statistics by Stratigraphic or Lithologic Unit

LUTETIUM [Lu]

Number of Values - 593  
Units - ppm  
Detection Limit - 0.05



	All Units	COg	COH	DCg	DC	ECCH	ECs
Number of Values	593	379	64	40	11	72	23
Number of Values => d.l.	251	156	23	20	3	35	13
Number of Missing Values	0	0	0	0	0	0	0
Mean	.076	.072	.069	.091		.092	.087
Standard deviation	.072	.067	.063	.099		.085	.070
Skewness	2.067	2.257	1.523	2.272		1.330	1.170
Kurtosis	5.280	6.897	1.022	5.908		.751	.319
Coeff. of Variance %	94.806	93.254	90.860	108.120		91.912	80.786
Std. error of the Mean	.003	.003	.008	.016		.010	.015
Lower 95% limit on Mean	.070	.065	.053	.060		.072	.056
Upper 95% limit on Mean	.082	.079	.085	.123		.112	.117
Geometric Mean	.055	.053	.051	.061		.064	.065
Percentiles							
Minimum value	.031	.031	.031	.031	.031	.031	.031
25th %tile	0.031	0.031	0.031	0.031	0.031	0.031	0.031
50th %tile	0.031	0.031	0.031	0.031	0.031	0.031	0.060
75th %tile	0.100	0.090	0.100	0.140	0.050	0.130	0.140
80th %tile	0.120	0.110	0.120	0.160	0.050	0.150	0.160
90th %tile	0.180	0.160	0.180	0.200	0.110	0.220	0.190
95th %tile	0.220	0.200	0.210	0.230	0.230	0.290	0.220
98th %tile	0.260	0.260	0.220	0.480	0.230	0.290	0.260
99th %tile	0.300	0.300	0.250	0.480	0.230	0.290	0.260
Maximum value	.520	.520	.250	.480	.230	.350	.260

\* Summary statistics not calculated for units with less than 10 values above detection limit.