



Environment
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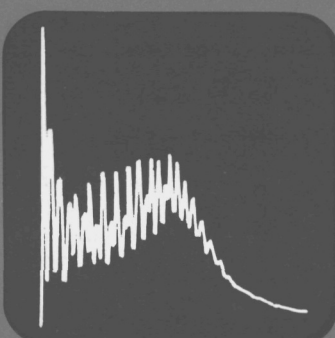
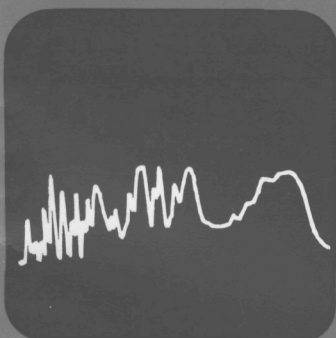
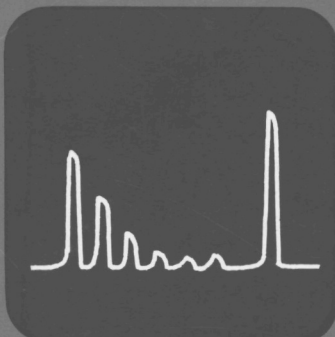
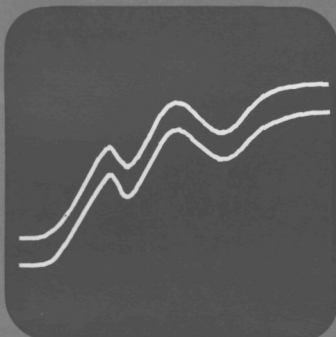
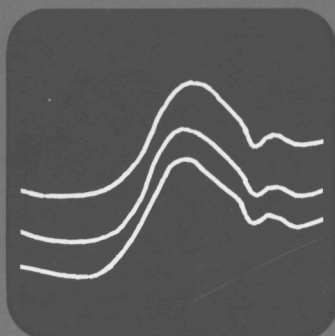
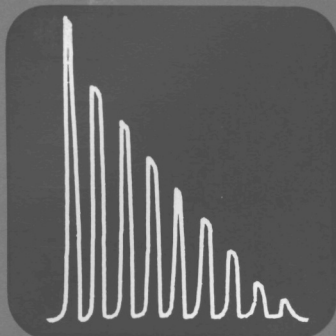
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Detailed Surface Water Quality Data

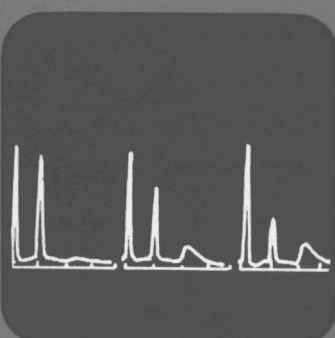
Données détaillées sur la qualité des eaux de surface

Northwest Territories Territoires du Nord-Ouest

1980-1981



TD
227
.N7
C362
1980/81



The patterns used to illustrate the cover of this publication are typical of the forms in which results are obtained from the instruments used in Water Quality Branch laboratories. The instruments which produced these patterns are only a few of the many instruments in regular use. The list below and the diagram can be used to identify the instruments which produced the patterns:

- Auto Analyser: 2, 5, 10, 12, 19, 22
- Calibration Curves, Auto Analyser: 23
- Polarograph: 1, 6, 11, 21
- Gas Chromatograph: 3, 8, 9, 13, 14, 16, 18, 20, 24
- Infrared Spectrophotometer: 4, 17
- Mass Spectrometer: 7, 15
- Computer: 25, 26

Les dessins de la page couverture illustrent la forme sous laquelle on recueille les données obtenues par les appareils des laboratoires de la Direction de la qualité des eaux. Les appareils en question ne représentent qu'une partie de tous ceux qui sont couramment utilisés. La liste qui suit et le schéma peuvent servir à les identifier.

- Auto-analyseur: 2, 5, 10, 12, 19, 22
- Courbes d'étalonnage d'auto-analyseur: 23
- Polarographe: 1, 6, 11, 21
- Chromatographe en phase gazeuse: 3, 8, 9, 13, 14, 16, 18, 20, 24
- Spectrophotomètre infrarouge: 4, 17
- Spectromètre de masse: 7, 15
- Ordinateur: 25, 26

BACK COVER

1	2	3	4
7	8	9	10
13	14	15	16
19	20	21	22

COUVERTURE ARRIÈRE

FRONT COVER

5	6	25
11	12	
17	18	26
23	24	

COUVERTURE AVANT



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Detailed Surface Water Quality Data

Données détaillées sur la qualité des eaux de surface

Northwest Territories Territoires du Nord-Ouest

1980-1981

**INLAND WATERS DIRECTORATE
WESTERN AND NORTHERN REGION
WATER QUALITY BRANCH
YELLOWKNIFE, N.W.T., 1984**

**DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
RÉGION DE L'OUEST ET DU NORD
DIRECTION DE LA QUALITÉ DES EAUX
YELLOWKNIFE (T.N.-O.), 1984**

Contents

	Page
ABSTRACT	v
INTRODUCTION	vii
GUIDE TO USE OF TABLES	viii
CODING OF ANALYTICAL METHODS	viii
DEFINITION OF TERMS AND SYMBOLS	x
ADDITIONAL INFORMATION	xi
DETAILED DATA	1
Part I - Data from the District of Mackenzie and the District of Keewatin	3
Part II - Data from Arctic Islands	51
Surface water data	53
ALPHABETICAL INDEX of stations	83
STATION LOCATION MAPS	91

Table des matières

RÉSUMÉ	v
INTRODUCTION	vii
GUIDE D'UTILISATION DES TABLEAUX	viii
CODES DES MÉTHODES ANALYTIQUES	viii
DÉFINITION DES TERMES ET DES SYMBOLES	x
RENSEIGNEMENTS SUPPLÉMENTAIRES	xi
DONNÉES DÉTAILLÉES	1
Partie I - Données recueillies dans le district de Mackenzie et le district de Keewatin	3
Partie II - Données recueillies dans les Îles de l'Arctique	51
Données sur les eaux de surface	53
INDEX ALPHABÉTIQUE des stations	83
CARTES DE L'EMPLACEMENT DES STATIONS	91

Abstract

Chemical and physical surface water data for the Northwest Territories collected during 1980 and 1981 are detailed herein. These data are intended to provide a ready reference to the water quality variables measured.

Résumé

Les données chimiques et physiques sur les eaux de surface des Territoires du Nord-Ouest recueillies en 1980 et 1981 sont présentées de façon à permettre la consultation rapide des paramètres de la qualité de l'eau mesurés.

INTRODUCTION

The chemical and physical data from selected surface waters in the Northwest Territories during 1980 and 1981 are presented in this report. These data were obtained from a number of Water Quality Branch programs. Because of varying program priorities and changes in the role of the Branch, the sampling locations, frequencies and parameters also changed during this period. Hence, the amount of available data varies from site to site and from year to year.

Data collection by the Branch may be done either as a special study or survey, or as part of a long-term monitoring program. Special studies or surveys are usually of short duration with specific objectives, such as determining the source, the pathways or the distribution of a pollutant in the aquatic environment. Long-term monitoring may be defined as the systematic collection of water samples at strategic locations to provide an overview of the water quality in the aquatic system. This base-line information supports work for assessing trends in the aquatic environment, establishing water quality objectives and assessing the impacts of development.

This report is the third of a series of detailed water quality data reports, published since 1974. Earlier data collected in the Northwest Territories were summarized in a publication entitled *Water Quality Data, Northwest Territories, 1961-1973*. The detailed publications are intended for those who desire greater access to the available water quality information than can be obtained from the summary publication.

The data contained in this report are stored on the NAQUADAT computerized storage and retrieval system. While these data are edited prior to publication, they remain subject to post-publication revision.

The assistance of personnel from the Water Quality Branch, Hull/Ottawa, in obtaining the data retrievals and the staff of Drafting Services Division, Environmental Conservation Service, in

INTRODUCTION

Le présent rapport traite des données d'ordre chimique et physique relatives à des eaux de surface choisies des Territoires du Nord-Ouest. Ces données ont été obtenues à partir d'un certain nombre de programmes de la Direction de la qualité des eaux réalisés en 1980 et 1981. À cause de changements de priorités dans les programmes et de modifications du rôle de la Direction, les emplacements, fréquences et paramètres d'échantillonnage ont eux aussi varié au cours de la période. C'est pourquoi la quantité des données varie selon les emplacements et les années.

La Direction entreprend la cueillette des données en raison soit d'une étude ou enquête spéciale, soit d'un programme de contrôle à long terme. Les études spéciales, habituellement de courte durée, ont des objectifs précis, comme de déterminer la source, les parcours ou la distribution d'un polluant dans l'environnement aquatique. Quant aux contrôles à long terme, on peut les définir comme une collecte systématique d'échantillons à des emplacements choisis, permettant d'obtenir un aperçu global de la qualité des eaux dans le système. Ces données servent ensuite de base à l'identification des tendances dans l'environnement aquatique, à l'élaboration d'objectifs de la qualité de l'eau et à l'évaluation des effets d'aménagements.

Le rapport qui suit est le troisième d'une série contenant des données détaillées sur la qualité des eaux datant de 1974. D'autres données recueillies dans les Territoires du Nord-Ouest avaient été présentées dans une publication précédente, *Données sur la qualité des eaux, Territoires du Nord-Ouest, 1961-1973*. Les rapports détaillés s'adressent aux personnes qui veulent avoir, au sujet des données sur la qualité des eaux, plus de détails que n'en donnait la publication sommaire.

Les données présentées ici sont emmagasinées dans la banque NAQUADAT, système informatisé de stockage et d'extraction de données. Ces données ont été révisées avant d'être publiées, mais éventuellement, elles devront faire encore l'objet d'une révision ultérieure.

On remercie vivement le personnel de la Direction de la qualité des eaux, à Hull et à Ottawa, et de la Division du dessin du Service de la conservation de l'environnement, pour leur aide dans

preparing the map, is gratefully acknowledged. The efforts of Water Survey of Canada personnel, who collected the samples, and of Roger McNeely, who validated the data from Ellesmere Island, are also appreciated.

GUIDE TO USE OF TABLES

Data in this report are presented in two sections. Part I contains data from the District of Mackenzie and the District of Keewatin. Part II contains data from the Arctic Islands. Within each section the data are arranged in order of the 12-digit code assigned to each station (i.e., NAQUADAT station number). This code incorporates the Water Survey of Canada basin and sub-basin designation. In the stream number, the first two numerals refer to the water type (00 designates a stream; 01, a lake or reservoir; 04, a pond; 31, snow; 32, precipitated ice) and they are followed by a two-letter provincial code (NW for Northwest Territories). The next two numerals and two letters refer to the basin and sub-basin, respectively, followed by a final four-digit sequence number. The station indices and station location maps are presented at the end of this report. For locations where a Station Parameter code (e.g. 97900S) is given, Water Survey of Canada discharge data are also available for that site. For those wishing to refer to specific discharge data for a site, the appropriate Water Survey Station Reference number can be derived from the NAQUADAT station number by replacing its final four-digit sequence with the three digits of the Station Parameter code. Geographical coordinates of the sampling sites are also provided in the indices.

CODING OF ANALYTICAL METHODS

The analytical method employed is defined by the six-digit code number shown at the top of each column of data. If the analytical method used for a particular datum is different from the one indicated in the column heading, then the last three digits of the appropriate method code appear as backup codes beside the actual result. The parameter code number is of the form ZZXYYA where:

l'extraction des données et la préparation de la carte, respectivement. Les auteurs sont également reconnaissants aux agents des Relevés des eaux du Canada qui ont prélevé les échantillons et à Roger McNeely, qui a vérifié la validité des données provenant de l'île Ellesmere.

GUIDE D'UTILISATION DES TABLEAUX

Le présent rapport se divise en deux parties; la première renferme les données recueillies dans le district de Mackenzie et le district de Keewatin, tandis que les données présentées dans la deuxième section viennent des Îles de l'Arctique. Les données de chaque partie sont disposées selon le code de 12 éléments assigné à chaque station (c.-à-d. le numéro NAQUADAT de la station); ce code renferme la désignation de la Division des relevés hydrologiques du Canada relative aux bassins et aux sous-bassins. Les deux premiers chiffres se rapportent au type d'eau (00 désigne un cours d'eau; 01 un lac ou un réservoir; 04, un étang; 31, la neige; 32, la glace précipitée) et sont suivis de deux lettres désignant la province (par exemple, NW pour Territoires du Nord-Ouest). Ensuite viennent deux chiffres et deux lettres, respectivement pour le bassin et le sous-bassin, puis finalement un numéro de séquence de quatre unités. À la fin du présent rapport se trouvent les index des stations et les cartes de l'emplacement des stations. Dans les cas où un code de paramètre (p.ex. 97900S) est présenté, cela indique que des données sur le débit, recueillies par la Division des relevés hydrologiques du Canada, sont également disponibles pour la station en question. On obtient le numéro de référence de la Division pour la station en remplaçant les quatre derniers chiffres par le code de trois unités qui est indiqué. Les index comportent aussi les coordonnées géographiques des lieux d'échantillonnage.

CODES DES MÉTHODES ANALYTIQUES

La méthode analytique employée est indiquée par le code de six éléments paraissant à la tête de chaque colonne de données. Si, pour une donnée particulière, la méthode analytique utilisée était différente de celle indiquée en rubrique, les trois dernières unités du code de la méthode appropriée paraîtraient alors à côté de la donnée. Le numéro de code du paramètre se présente sous la forme ZZXYYA, où:

(1) ZZ is a numeric code designating the type of test as shown in the following table:

<u>Tests</u>	<u>Parameter Code</u>
Chemical tests	ATXYYA (AT: Atomic number)
Balances and other calculated parameters	00XY YA
General physical tests	02XY YA
General chemical tests	10XY YA
Pesticides and herbicides	18XY YA
Bacteriological tests	36XY YA
Biological information	54XY YA
Other information	97XY YA, 98XY YA and 99XY YA

(2) X is a one-digit numerical code (0-9) subdividing group (1).

(3) YY is a two-digit sequential numerical code identifying the analytical method used for the test. In certain cases this field is used to subdivide further the type of tests described in (1) and (2).

(4) A is a one digit alphabetical code indicating the place where the analysis was carried out, whether the sample was preserved and/or filtered, and whether the result is a mean or median of replicate analyses.

S in situ analysis
 F field analysis
 L laboratory analysis
 P preserved in field; laboratory analysis
 D filtered in field; laboratory analysis
 R mean or median of laboratory analyzed replicates
 G filtered and preserved in field; laboratory analysis
 T mean or median of field filtered and preserved replicates; laboratory analyzed
 U mean or median of field analyzed replicates

(1) ZZ est un code numérique désignant le type d'essai, conformément à la liste suivante:

<u>Essais</u>	<u>Code paramétrique</u>
Essais chimiques	ATXY YA (AT: numéro atomique)
Bilans et autres paramètres calculés	00XY YA
Essais physiques généraux	02XY YA
Essais chimiques généraux	10XY YA
Pesticides et herbicides	18XY YA
Essais bactériologiques	36XY YA
Renseignements biologiques	54XY YA
Autres renseignements	97XY YA, 98XY YA et 99XY YA

(2) X est un code numérique à un chiffre (0 à 9) qui subdivise le groupe (1).

(3) YY est un code numérique séquentiel qui précise la méthode analytique employée pour l'essai. Il sert quelquefois à subdiviser davantage le type d'essai décrit en (1) et (2).

(4) A est un code d'une lettre indiquant l'endroit de l'analyse et si l'échantillon a été conservé et/ou filtré et si le résultat est une moyenne ou une médiane des échantillons analysés.

S analyse sur le lieu-même
 F analyse sur le terrain
 L analyse au laboratoire
 P conservé sur le terrain; analyse au laboratoire
 D filtré sur le terrain; analyse au laboratoire
 R moyenne ou médiane répétée d'échantillons analysés au laboratoire
 G filtré et conservé sur le terrain; analyse au laboratoire
 T moyenne ou médiane répétée des échantillons filtrés et conservés sur le terrain; analyse au laboratoire
 U moyenne ou médiane répétée des échantillons analysés sur le terrain

- V mean or median of field filtered replicates; laboratory analysis
- W mean or median of field preserved replicates; laboratory or field analysis

In some cases values within the same column have different numbers of significant figures. This may occur when two or more analytical methods have been used to measure a particular parameter and generally reflects the increased precision of the newer method.

A complete description of all the parameter code numbers is given in the NAQUADAT Dictionary.

DEFINITION OF TERMS AND SYMBOLS

G	greater than
JTU's	Jackson turbidity units
L	less than
Lat.	latitude in degrees, minutes and seconds
Long.	longitude in degrees, minutes and seconds
MG/L	milligrams per litre
NAQUADAT	National Water Quality Data Storage and Retrieval System
Q	signifies that at least one of the values used in the computation of this result was reported as less than the detection limit. In the computation of calculated parameters analytical values reported as "less than the detection limit" are interpreted as being equal to the numeric value of the detection limit. For example, when computing total nitrogen, given a total Kjeldahl nitrogen value of less than 0.1 milligram/litre (L 0.1 MG/L) and a dissolved nitrogen ($\text{NO}_3 + \text{NO}_2$) value of 0.07 MG/L,

- V moyenne ou médiane répétée des échantillons filtrés sur le terrain; analyse au laboratoire
- W moyenne ou médiane répétée des échantillons conservés sur le terrain; analyse au laboratoire ou sur le terrain

Quelquefois, dans la même colonne, des codes ne possèdent pas le même nombre d'éléments. Cela peut arriver lorsqu'on a utilisé deux méthodes analytiques ou plus pour mesurer un paramètre donné et le code révèle la précision accrue de la nouvelle méthode.

Le dictionnaire NAQUADAT donne une description complète de tous les numéros de code paramétrique.

DÉFINITION DES TERMES ET DES SYMBOLES

G	plus grand que
JTU	unité de turbidité de Jackson
L	moins que
Lat.	latitude en degrés, minutes et secondes
Long.	longitude en degrés, minutes et secondes
MG/L	milligrammes par litre
NAQUADAT	banque nationale de stockage et de recouvrement des données sur la qualité des eaux
Q	signifie qu'au moins une des valeurs utilisées dans le calcul de ce résultat a été signalée comme étant inférieure à la limite de détection. Dans le calcul des paramètres, les valeurs analytiques signalées comme «inférieures à la limite de détection» ont été interprétées comme étant égales à la valeur numérique de la limite de détection. Par exemple, si l'on veut calculer la teneur en azote total, lorsqu'on a une valeur en azote total de Kjeldahl de moins de 0,1 milligramme par litre (L 0,1 MG/L) et une valeur de 0,07 MG/L

the numeric values would be simply added to give a total nitrogen Q.17 MG/L.

NO./100 ML number per 100 millilitres
REL. UNITS relative colour units
SUBM ID submitter identification number. This identifies the sample collector and the project under which the data were collected.
UG/L Micrograms per litre
USIE/CM Microsiemens per centimetre

pour l'azote dissous ($\text{NO}_3 + \text{NO}_2$), on n'a qu'à additionner les deux valeurs, ce qui donne pour l'azote total: Q.17 MG/L.

NO./100 ML nombre par 100 millilitres
REL. UNITS unités relatives de couleur
SUBM ID identifie la personne qui a recueilli l'échantillon et le projet-cadre
UG/L microgrammes par litre
USIE/CM microsiemens par centimètre

ADDITIONAL INFORMATION

Additional information on these data or requests for data not included in this publication may be obtained from:

Water Quality Specialist
Inland Waters Directorate
Environment Canada
Box 2970
Yellowknife, NWT
X1A 2R2

Phone: (403) 920-8501

Questions specifically relating to analytical methodologies should be directed to:

Head, Analytical Services Division
Water Quality Branch
Environment Canada
867 Lakeshore Road
Burlington, Ontario
L7R 4A6

Phone: (416) 637-4648

RENSEIGNEMENTS SUPPLÉMENTAIRES

Pour obtenir d'autres renseignements ou pour des données non comprises dans le présent rapport, écrire à:

Agent spécialiste de la qualité des eaux
Direction générale des eaux intérieures
Environnement Canada
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2

Téléphone: (403) 920-8501

Pour les questions touchant directement les méthodes analytiques, s'adresser à:

Chef, Division des services d'analyse
Direction de la qualité des eaux
Environnement Canada
867 Lakeshore Road
Burlington (Ontario)
L7R 4A6

Téléphone: (416) 637-4648



Detailed Data
Données détaillées

PART I

**DATA FROM THE DISTRICT OF MACKENZIE
AND THE DISTRICT OF KEEWATIN**

PARTIE I

**DONNÉES RECUEILLIES DANS LE DISTRICT DE MACKENZIE
ET LE DISTRICT DE KEEWATIN**

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NN06JC0001

THELON RIVER ABOVE THELON BLUFFS, NORTHWEST TERRITORIES

LAT. 64D 32M 8S LONG. 101D 23M 48S

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
YMD/AMJ	HEURE	SOUS-ID	DEG. C.	DEG. C.	CONDUCT.	CONDUCT.	PH UNITS	PH UNITS	JTU	APPARENT
YMD/AMJ	HEURE	SOUS-ID	REL. UNITS	REL. UNITS	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-04-30	1430	1	0.0	16.5	--	83.	--	6.5	.8	5.
80-09-19	1330	1	5.0	18.4	--	48.	--	7.1	1.2	20.
81-05-22	1230	1	0.0	19.1	--	62.	--	6.3	1.4	--
81-07-17	1230	1	7.0	21.2	--	32.	--	6.7	.4	--
81-08-29	1100	1	6.0	21.4	32.	32.	6.2	6.9	.4	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
YMD/AMJ	HEURE	SOUS-ID	TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
YMD/AMJ	HEURE	SOUS-ID	REL. UNITS	CO3	CAC03	HCO3	CAC03	CA	MG	(CALCD.)
YMD/AMJ	HEURE	SOUS-ID	REL. UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CAC03
YMD/AMJ	HEURE	SOUS-ID	REL. UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-30	1430	1	--	0.	0.0	16.	13.0	6.00	3.0	27.3
80-09-19	1330	1	--	0.	0.0	15.	12.0	4.20	2.2	19.5
81-05-22	1230	1	5.	0.	0.0	9.	7.0	4.00	1.8	17.4
81-07-17	1230	1	10.	0.	0.0	11.	9.0	2.00	1.4	10.8
81-08-29	1100	1	10.	0.	0.0	10.	8.0	1.80	1.4	10.3

DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
YMD/AMJ	HEURE	SOUS-ID	NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
YMD/AMJ	HEURE	SOUS-ID	MG/L	SOLIDS	NA	K	CL	F	S04	SI02
YMD/AMJ	HEURE	SOUS-ID	MG/L	(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-30	1430	1	2.	34.	2.4	1.2	11.0	.05	2.	.3
80-09-19	1330	1	2.	21.	.8	.4	4.5	L.05	1.	.7
81-05-22	1230	1	2.	21.	1.5	.7	7.3	--	1.	.3
81-07-17	1230	1	1.	13.	.5	.3	2.2	L.05	1.	.4
81-08-29	1100	1	1.	Q13.	.6	.4	2.9	L.05	1.	L.1

DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
YMD/AMJ	HEURE	SOUS-ID	DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
YMD/AMJ	HEURE	SOUS-ID	INORGANIC	ORGANIC	PARTICUL.	N03 & N02	N	N	(CALCD.)	DISSOLVED
YMD/AMJ	HEURE	SOUS-ID	C	C	C	N	N	N	N	P
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-30	1430	1	--	3.0	.64	.13	.58	.11	.69	L.003
80-09-19	1330	1	--	3.0	.25	.07	.19	.04	.23	L.003
81-05-22	1230	1	--	2.5	.53	.13	.35	.07	.42	L.003
81-07-17	1230	1	--	2.9	.18	L.01	.14	.02	.16	L.003
81-08-29	1100	1	--	1.8	.29	L.01	.13	.04	.17	L.003

DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON
YMD/AMJ	HEURE	SOUS-ID	TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.
YMD/AMJ	HEURE	SOUS-ID	P	P	B	AS	SE	MN	MN	FE
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-30	1430	1	.009	Q.006	.04	L.0005	L.0005	--	--	--
80-09-19	1330	1	--	--	L.02	L.0005	L.0005	L.01	--	.10
81-05-22	1230	1	--	--	.04	L.0005	L.0005	.02	--	.12
81-07-17	1230	1	.023	Q.020	L.02	L.0005	L.0005	L.01	--	.12
81-08-29	1100	1	.012	Q.009	.03	L.0005	L.0005	L.01	--	L.04

DATE	TIME/	SUB-ID/	26104P	29305P	29020P	82302P	82020P	30305P	30020P
YMD/AMJ	HEURE	SOUS-ID	IRON	COPPER	COPPER	LEAD	LEAD	ZINC	ZINC
YMD/AMJ	HEURE	SOUS-ID	DISSOLVED	EXTRBLE.	TOTAL	EXTRBLE.	TOTAL	EXTRBLE.	TOTAL
YMD/AMJ	HEURE	SOUS-ID	FE	CU	RECOVERABLE	PB	RECOVERABLE	ZN	RECOVERABLE
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	CU	MG/L	PB	MG/L	ZN
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-30	1430	1	--	--	.003	--	.005	--	.017
80-09-19	1330	1	--	--	.001	--	L.004	--	.002
81-05-22	1230	1	--	--	.004	--	.037	--	.008
81-07-17	1230	1	--	--	.002	--	L.004	--	.004
81-08-29	1100	1	--	--	.003	--	L.004	--	.006

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM06JC0001

THELON RIVER ABOVE THELON BLUFFS,

NORTHWEST TERRITORIES

LAT. 64D 32M 8S LONG. 101D 23M 48S

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIUM EXTRBLE.	BARIUM TOTAL RECOVERABLE
			V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-04-30	1430	1	--	L.001	--	.003	.004	--	L.05
80-09-19	1330	1	--	L.001	--	L.002	.009	--	.05
81-05-22	1230	1	--	L.001	--	.002	--	--	L.05
81-07-17	1230	1	--	.001	--	L.002	L.002	--	L.05
81-08-29	1100	1	--	L.001	--	L.002	L.002	--	L.05

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
			CD MG/L	CD MG/L	HG UG/L
80-04-30	1430	1	--	.002	L.02
80-09-19	1330	1	--	.001	L.02
81-05-22	1230	1	--	L.001	--
81-07-17	1230	1	--	L.001	--
81-08-29	1100	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM06LC0001

KAZAN RIVER ABOVE KAZAN FALLS,

NORTHWEST TERRITORIES

LAT. 63D 38M 58S LONG. 95D 51M 15S

			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-04-24	1735	1	0.0	15.8	--	37.	--	6.9	.9	10.
80-07-10	1300	1	--	20.8	--	23.	--	6.8	1.5	10.
80-09-10	1600	1	7.0	18.6	--	26.	--	6.9	1.0	20.
81-05-04	1600	1	0.0	21.5	--	34.	--	6.5	1.8	--
81-07-14	1700	1	3.0	21.6	--	24.	--	6.8	.4	--
81-08-30	2000	1	5.0	21.2	25.	26.	6.5	7.0	.4	--

			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	REL. UNITS	CO3 MG/L	CAC03 MG/L	HC03 MG/L	CAC03 MG/L	CA MG/L	MG MG/L	CAC03 MG/L
80-04-24	1735	1	--	--	--	--	--	3.20	1.5	14.2
80-07-10	1300	1	--	0.	0.0	7.	6.0	1.90	.8	8.0
80-09-10	1600	1	--	0.	0.0	10.	8.0	2.50	1.2	11.2
81-05-04	1600	1	5.	0.	0.0	13.	11.0	3.00	.9	11.2
81-07-14	1700	1	10.	0.	0.0	9.	7.0	1.80	1.0	8.6
81-08-30	2000	1	10.	0.	0.0	10.	8.0	1.90	.9	8.5

			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L
80-04-24	1735	1	3.	--	.8	.8	.9	.14	2.	.2
80-07-10	1300	1	L1.	9.	.6	.5	.6	.08	1.	.1
80-09-10	1600	1	2.	Q12.	.7	.4	.6	.09	L1.	.3
81-05-04	1600	1	L1.	14.	.8	.6	.6	.11	1.	.3
81-07-14	1700	1	L1. 01R	Q10.	.6	.5	.5	.10	L1.	L.1
81-08-30	2000	1	1.	Q10.	.6	.5	.5	.09	1.	L.1

			06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-24	1735	1	--	4.0	.26	.11	.44	.05	.49	--
80-07-10	1300	1	--	3.0	.23	L.01	.11	.04	.15	L.003
80-09-10	1600	1	--	4.0	.49	--	--	.07	--	L.003
81-05-04	1600	1	--	3.5	.29	.08	.25	.04	.29	.003
81-07-14	1700	1	--	2.8 04R	.18 02R	L.01 10R	.13 51R	.04 02R	.17	L.003 03R
81-08-30	2000	1	--	2.8	.10	L.01	.16	.03	.19	L.003

			15406L PHOSPHORUS TOTAL P	15901L PHOSPHORUS PARTICULATE (CALCD.) P	05105L BORON DISSOLVED B	33104L ARSENIC DISSOLVED AS	34102L SELENIUM DISSOLVED SE	25304P MANGANESE EXTRBLE. MN	25104L MANGANESE DISSOLVED MN	26304P IRON EXTRBLE. FE
DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-24	1735	1	.200	--	L.02	L.0005	L.0005	--	L.01	--
80-07-10	1300	1	.007	Q.004	L.02	L.0005	L.0005	--	--	--
80-09-10	1600	1	.003	Q0.000	L.02	L.0005	L.0005	L.01	--	L.04
81-05-04	1600	1	.005	.002	L.02	L.0005	L.0005	L.01	--	L.04
81-07-14	1700	1	.043	Q.040	.02	L.0005	L.0005	L.01 04W	--	.06 04W
81-08-30	2000	1	.005	Q.002	.02	L.0005	L.0005	L.01	--	L.04

			26104P IRON DISSOLVED FE	29305P COPPER EXTRBLE. CU	29020P COPPER TOTAL RECOVERABLE CU	82302P LEAD EXTRBLE. PB	82020P LEAD TOTAL RECOVERABLE PB	30305P ZINC EXTRBLE. ZN	30020P ZINC TOTAL RECOVERABLE ZN
DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-24	1735	1	--	--	.003	--	L.004	--	.028
80-07-10	1300	1	--	--	.001	--	L.004	--	.005
80-09-10	1600	1	--	--	L.001	--	.013	--	.003
81-05-04	1600	1	--	--	.003	--	L.004	--	--
81-07-14	1700	1	--	--	.009 20W	--	L.004 20W	--	.007 20W
81-08-30	2000	1	--	--	.005	--	L.004	--	.005

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NH06LC0001

KAZAN RIVER ABOVE KAZAN FALLS,

NORTHWEST TERRITORIES

LAT. 63D 38M 58S LONG. 95D 51M 15S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
				VANADIUM EXTRBLE.	VANADIUM TOTAL	COBALT EXTRBLE.	COBALT TOTAL	NICKEL TOTAL	BARIUM EXTRBLE.	BARIUM TOTAL
				RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE
				VA	CO	CO	NI	BA	BA	BA
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-24	1735	1		--	L.001	--	.002	.009	--	L.05
80-07-10	1300	1		--	.002	--	L.002	.003	--	L.05
80-09-10	1600	1		--	L.001	--	L.002	L.002	--	L.05
81-05-04	1600	1		--	L.001	--	L.002	--	--	.05
81-07-14	1700	1		--	L.001 20W	--	L.002 20W	--	--	L.05 20W
81-08-30	2000	1		--	L.001	--	L.002	L.002	--	L.05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	48302P	48020P	80011P
				CADMIUM EXTRBLE.	CADMIUM TOTAL	MERCURY TOTAL
				RECOVERABLE	RECOVERABLE	
				CD	CD	HG
				MG/L	MG/L	UG/L
80-04-24	1735	1		--	.001	L.02
80-07-10	1300	1		--	L.001	L.02
80-09-10	1600	1		--	L.001	L.02
81-05-04	1600	1		--	L.001	--
81-07-14	1700	1		--	L.001 20W	--
81-08-30	2000	1		--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM06MBO001
QUODICH RIVER NEAR BAKER LAKE,

NORTHWEST TERRITORIES

LAT. 64D 27M 29S LONG. 94D 7M 9S

			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-04-24	1815	1	0.0	16.4	--	26.	--	6.3	.6	5.
80-09-16	1235	1	6.0	18.9	--	12.	--	6.6	1.1	20.
81-05-03	1730	1	0.0	21.3	--	22.	--	6.5	2.0	--
81-07-14	1400	1	5.0	22.1	--	9.	--	6.3	.2	--
81-08-28	1220	1	9.0	21.7	12.	14.	--	7.0	.4	--

			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
80-04-24	1815	1	--	0.	0.0	5.	4.0	1.50	.7	6.6
80-09-16	1235	1	--	0.	0.0	1.	1.0	1.00	.5	4.6
81-05-03	1730	1	5.	0.	0.0	6.	4.5	1.80	.5	6.6
81-07-14	1400	1	10.	0.	0.0	2.	2.0	.20	.2	1.3
81-08-28	1220	1	10.	0.	0.0	2.	2.0	.70	.6	4.2

			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	S102 MG/L
80-04-24	1815	1	8.	11.	1.0	.7	2.1	.07	2.	.1
80-09-16	1235	1	1. 01R	7.	.9	.3	1.1	L.05	1.	1.1
81-05-03	1730	1	7.	10.	1.1	.8	1.2	.06	2.	.3
81-07-14	1400	1	2.	5.	.6	.4	.6	L.05	1.	.4
81-08-28	1220	1	L1.	06.	.8	.3	L1.0	L.05	1.	.6

			06152L CARBON DISSOLVED INORGANIC	06104L CARBON DISSOLVED ORGANIC	06902L CARBON ORGANIC PARTICUL.	07110L NITROGEN DISSOLVED NO3 & NO2	07651L NITROGEN DISSOLVED	07902L NITROGEN PARTICUL.	07603L NITROGEN TOTAL (CALCD.)	15103L PHOSPHORUS TOTAL DISSOLVED
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	C MG/L	C MG/L	C MG/L	N MG/L	N MG/L	N MG/L	N MG/L	P MG/L
80-04-24	1815	1	--	2.0	.48	.07	.33	.08	.41	L.003
80-09-16	1235	1	--	2.0 04R	.22 02R	L.01 10R	.10 51R	.04 02R	.14	L.003 03R
81-05-03	1730	1	--	1.3	.99	.08	.23	.11	.34	L.003
81-07-14	1400	1	--	1.1	L.01	L.01	.06	L.01	Q.07	L.003
81-08-28	1220	1	--	1.4	.21	L.01	.09	.02	.11	L.003

			15406L PHOSPHORUS TOTAL	15901L PHOSPHORUS PARTICULATE (CALCD.)	05105L BORON DISSOLVED	33104L ARSENIC DISSOLVED	34102L SELENIUM DISSOLVED	25304P MANGANESE EXTRBLE.	25104L MANGANESE DISSOLVED	26304P IRON EXTRBLE.
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-04-24	1815	1	.010	Q.007	L.02	L.0005	L.0005	--	L.01	--
80-09-16	1235	1	.004 06R	Q.001	L.02	L.0005	L.0005	L.01 04W	--	.12 04W
81-05-03	1730	1	.017	Q.014	L.02	L.0005	L.0005	L.01	--	.36
81-07-14	1400	1	--	--	.08	L.0005	L.0005	L.01	--	L.04
81-08-28	1220	1	--	--	.03	L.0005	L.0005	L.01	--	.06

			26104P IRON DISSOLVED	29305P COPPER EXTRBLE.	29020P COPPER TOTAL	82302P LEAD EXTRBLE.	82020P LEAD TOTAL	30305P ZINC EXTRBLE.	30020P ZINC TOTAL
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	FE MG/L	CU MG/L	RECOVERABLE CU MG/L	PB MG/L	RECOVERABLE PB MG/L	ZN MG/L	RECOVERABLE ZN MG/L
80-04-24	1815	1	--	--	.003	--	L.004	--	.021
80-09-16	1235	1	--	--	L.001 20W	--	.004 20W	--	.009 20W
81-05-03	1730	1	--	--	.004	--	L.004	--	--
81-07-14	1400	1	--	--	.007	--	L.004	--	.006
81-08-28	1220	1	--	--	L.001	--	L.004	--	.004

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00N06MB0001
QUOICH RIVER NEAR BAKER LAKE,

NORTHWEST TERRITORIES

LAT. 64D 27M 29S LONG. 94D 7M 9S

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL	COBALT EXTRBLE.	COBALT TOTAL	NICKEL TOTAL	BARIUM EXTRBLE.	BARIUM TOTAL
			RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE
			VA	VA	CO	CO	NI	BA	BA
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-24	1815	1	--	L. 001	--	.003	.009	--	L. 05
80-09-16	1235	1	--	L. 001 20W	--	L. 002 20W	--	--	L. 05 20W
81-05-03	1730	1	--	L. 001	--	L. 002	--	--	L. 05
81-07-14	1400	1	--	L. 001	--	L. 002	L. 002	--	L. 05
81-08-28	1220	1	--	L. 001	--	L. 002	L. 002	--	L. 05

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL	MERCURY TOTAL
			RECOVERABLE	RECOVERABLE	RECOVERABLE
			CD	CD	HG
			MG/L	MG/L	UG/L
80-04-24	1815	1	--	.002	.02
80-09-16	1235	1	--	L. 001 20W	L. 02 11W
81-05-03	1730	1	--	L. 001	--
81-07-14	1400	1	--	L. 001	--
81-08-28	1220	1	--	L. 001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONMO7NCO001
SLAVE RIVER NEAR DELTA, NWT.

LAT. 61D 16M 59S LONG. 113D 34M 59S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-05-15	1130	495	12.0	20.2	216.	216.	--	8.0	52.0	80.
80-07-09	1545	495	20.0	21.8	220.	266.	--	8.0	550.0	800.
80-07-10	1830	495	20.0	20.6	220.	261.	--	8.0	520.0	600.
80-08-20	1745	495	18.0	19.6	250.	291.	8.1	8.1	45.0	50.
80-10-08	1700	495	8.0	20.5	210.	265.	--	8.0	77.0	200.

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
			REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
80-05-15	1130	495	--	--	0.0	--	--	31.60	6.1	104.0
80-07-09	1545	495	--	0.	0.0	115.	94.0	33.00	7.5	113.3
80-07-10	1830	495	--	0.	0.0	118.	97.0	33.00	7.6	113.7
80-08-20	1745	495	--	0.	0.0	121.	99.0	36.80	8.8	128.1
80-10-08	1700	495	--	0.	0.0	117.	96.0	43.10	6.7	135.2

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
			MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	SI02 MG/L
80-05-15	1130	495	84.	--	7.5	1.1	7.2	.08	17.	3.5
80-07-09	1545	495	563.	135.	6.8	1.1	5.4	.11	20.	4.8
80-07-10	1830	495	508.	137.	6.3	1.2	4.4	.13	21.	4.8
80-08-20	1745	495	82.	152.	10.0	1.0	8.4	.06	23.	4.8
80-10-08	1700	495	146.	145.	6.5	.7	5.7	.08	20.	4.5

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-05-15	1130	495	--	5.0	1.60	.07	.18	.01	.19	.011
80-07-09	1545	495	--	8.0	12.50	--	.34	1.40	1.74	.023
80-07-10	1830	495	--	7.0	8.90	.09	.29	.96	1.25	.071
80-08-20	1745	495	--	8.0	2.20	.02	.23	.30	.53	.018
80-10-08	1700	495	--	7.0	3.70	.04	.25	.38	.63	.009

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	15406L PHOSPHORUS TOTAL P	15901L PHOSPHORUS PARTICULATE (CALCD.) P	05105L BORON DISSOLVED B	33104L ARSENIC DISSOLVED AS	34102L SELENIUM DISSOLVED SE	25304P MANGANESE EXTRBLE. MN	25104L MANGANESE DISSOLVED MN	26304P IRON EXTRBLE. FE
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-05-15	1130	495	.094	.083	.06	L.0005	L.0005	--	L.01	--
80-07-09	1545	495	.600	.577	.25	L.0005	L.0005	--	--	--
80-07-10	1830	495	.410	.339	.07	.0005	.0010	--	--	--
80-08-20	1745	495	.084	.066	.08	L.0005	L.0005	--	--	--
80-10-08	1700	495	.140	.131	.07	L.0005	L.0005	.11	--	2.00

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	26104P IRON DISSOLVED FE	29305P COPPER EXTRBLE. CU	29020P COPPER TOTAL RECOVERABLE CU	82302P LEAD EXTRBLE. PB	82020P LEAD TOTAL RECOVERABLE PB	30305P ZINC EXTRBLE. ZN	30020P ZINC TOTAL RECOVERABLE ZN
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-05-15	1130	495	--	--	.005	--	L.004	--	.014
80-07-09	1545	495	--	--	.022	--	.006	--	.096
80-07-10	1830	495	--	--	.006	--	L.004	--	.074
80-08-20	1745	495	--	--	.004	--	L.004	--	.011
80-10-08	1700	495	--	--	.006	--	L.004	--	.025

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONMO7NCOO01
SLAVE RIVER NEAR DELTA, NWT.

LAT. 61D 16M 59S LONG. 113D 34M 59S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
				VANADIUM EXTRBLE.	VANADIUM TOTAL	COBALT EXTRBLE.	COBALT TOTAL	NICKEL TOTAL	BARIUM EXTRBLE.	BARIUM TOTAL
				RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE
				VA	CO	CO	NI	BA	BA	BA
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-05-15	1130	495		--	.002	--	.002	.004	--	.09
80-07-09	1545	495		--	.005	--	.010	.030	--	.31
80-07-10	1830	495		--	.009	--	.010	.017	--	.44
80-08-20	1745	495		--	.004	--	L.002	.002	--	.07
80-10-08	1700	495		--	--	--	.003	.035	--	.09

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	48302P	48020P	80011P
				CADMIUM EXTRBLE.	CADMIUM TOTAL	MERCURY TOTAL
				RECOVERABLE	RECOVERABLE	RECOVERABLE
				CD	CD	HG
				MG/L	MG/L	UG/L
80-05-15	1130	495		--	L.001	L.02
80-07-09	1545	495		--	L.001	.05
80-07-10	1830	495		--	L.001	.05
80-08-20	1745	495		--	L.001	.04
80-10-08	1700	495		--	L.001	.03

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NM070B0001
HAY RIVER NEAR HAY RIVER

NORTHWEST TERRITORIES

LAT. 60D 44M 44S LONG. 115D 51M 20S

			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-10	1900	1	0.0	22.8	933.	814.	--	7.5	7.2	120.
80-04-28	1745	1	6.0	21.1	223.	259.	7.0	7.4	46.0	160.
80-05-28	1150	1	10.0	22.5	--	376.	8.0	8.3	2.4	60.
80-07-03	1100	1	17.0	18.6	375.	443.	7.8	8.2	4.1	60.
80-08-13	1045	1	19.0	20.9	--	379.	8.3	8.1	9.2	80.
80-09-18	1850	1	8.0	21.2	250.	323.	7.8	8.3	12.0	120.
80-10-23	1215	1	1.0	17.6	220.	279.	--	8.0	14.0	200.
81-02-04	1610	1	1.0	18.9	--	711.	--	7.6	8.0	120.
81-05-22	1020	1	14.0	20.5	200.	261.	--	7.6	93.0	--
81-06-17	1530	1	16.0	18.6	300.	361.	8.4	8.0	18.0	--
81-09-22	1000	1	7.0	16.0	440.	548.	8.4	8.4	1.8	--
81-10-28	1500	1	0.0	23.4	510.	609.	7.8	8.1	2.5	--
81-12-09	1130	1	0.0	21.6	500.	630.	--	8.0	4.7	--

			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOLIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
80-01-10	1900	1	--	0.	0.0	297.	244.0	108.00	35.3	415.0
80-04-28	1745	1	--	0.	0.0	88.	72.0	27.00	8.6	102.8
80-05-28	1150	1	--	0.	0.0	140.	115.0	44.00	13.5	165.5
80-07-03	1100	1	--	0.	0.0	156.	128.0	51.70	13.7	185.5
80-08-13	1045	1	--	0.	0.0	116.	95.0	47.00	11.4	164.3
80-09-18	1850	1	--	0.	0.0	116.	95.0	38.80	10.3	139.3
80-10-23	1215	1	--	0.	0.0	99.	81.0	32.40	8.2	114.7
81-02-04	1610	1	--	0.	0.0	274.	225.0	89.00	25.0	325.2
81-05-22	1020	1	140.	0.	0.0	66.	54.0	32.40	7.8	113.0
81-06-17	1530	1	100.	0.	0.0	98.	80.0	42.30	11.9	154.6
81-09-22	1000	1	40.	0.	.2	191.	157.0	66.50	19.3	245.5
81-10-28	1500	1	40.	0.	0.0	238.	195.0	81.40	23.0	298.0
81-12-09	1130	1	70.	0.	0.0	262.	215.0	87.90	26.7	329.4

			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L
80-01-10	1900	1	6.	--	28.0	4.8	10.0	.18	145.	--
80-04-28	1745	1	117.	132.	8.5	2.2	2.9	.06	37.	2.2
80-05-28	1150	1	2.	213.	17.0	2.8	4.6	.13	62.	.4
80-07-03	1100	1	--	236.	15.0	2.4	4.1	.12	70.	2.6
80-08-13	1045	1	11.	213.	14.0	1.8	1.9	.16	76.	4.1
80-09-18	1850	1	13.	177.	12.0	1.2	3.0	.11	52.	2.5
80-10-23	1215	1	10.	145.	8.6	.9	2.4	.11	40.	4.0
81-02-04	1610	1	6.	403.	29.0	2.4	1.1	.20	114.	7.4
81-05-22	1020	1	184.	143.	8.2	4.9	2.2	.13	51.	4.5
81-06-17	1530	1	23.	197.	12.0	3.0	3.2	.08	73.	4.0
81-09-22	1000	1	1.1	311.	18.0	2.9	7.7	.16	102.	.1
81-10-28	1500	1	2.	379.	24.0	3.2	9.7	.09	120.	.6
81-12-09	1130	1	2.	407.	26.0	2.7	11.0	.18	120.	3.4

			06152L CARBON DISSOLVED INORGANIC	06104L CARBON DISSOLVED ORGANIC	06902L CARBON ORGANIC PARTICUL.	07110L NITROGEN DISSOLVED NO3 & NO2	07651L NITROGEN DISSOLVED	07902L NITROGEN PARTICUL.	07603L NITROGEN TOTAL (CALCD.)	15103L PHOSPHORUS TOTAL DISSOLVED
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	C MG/L	C MG/L	C MG/L	N MG/L	N MG/L	N MG/L	N MG/L	P MG/L
80-01-10	1900	1	66.0	40.0	.94	--	--	.09	--	.040
80-04-28	1745	1	--	11.0	4.90	.21	.87	.68	1.55	.031
80-05-28	1150	1	--	17.0	.28	.04	.61	.04	.65	.014
80-07-03	1100	1	--	--	.94	L.01	.65	.14	.79	.012
80-08-13	1045	1	--	14.0	.91	L.01	.43	.16	.59	.008
80-09-18	1850	1	--	21.0	.52	.01	.48	.06	.54	.011
80-10-23	1215	1	--	19.0	.74	.05	.57	.08	.65	.019
81-02-04	1610	1	--	24.0	.51	.48	1.20	.05	1.25	.017
81-05-22	1020	1	--	22.0	5.50	.02	.69	.57	1.26	.035
81-06-17	1530	1	--	22.0	1.50	L.01	.65	.21	.86	.029
81-09-22	1000	1	--	16.0	--	.02	.54	--	--	.008
81-10-28	1500	1	--	20.0	.49	.03	.52	.03	.55	.003
81-12-09	1130	1	--	20.0	.35	.25	.69	L.01	Q.70	.007

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONW070B0001
HAY RIVER NEAR HAY RIVER

NORTHWEST TERRITORIES

LAT. 60D 44M 44S LONG. 115D 51M 20S

DATE	TIME/	SUB-ID/	15406L PHOSPHORUS TOTAL	15901L PHOSPHORUS PARTICULATE (CALCD.)	05105L BORON DISSOLVED	33104L ARSENIC DISSOLVED	34102L SELENIUM DISSOLVED	25304P MANGANESE EXTRBLE.	25104L MANGANESE DISSOLVED	26304P IRON EXTRBLE.
YMD/AMJ	HEURE	SOUS-ID	P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-01-10	1900	1	.076	.036	.16	L.0005	L.0005	.05	--	2.50
80-04-28	1745	1	.210	.179	.06	L.0005	L.0005	--	L.01	--
80-05-28	1150	1	.021	.007	.08	L.0005	L.0005	--	L.01	--
80-07-03	1100	1	.041	.029	.10	L.0005	L.0005	--	--	--
80-08-13	1045	1	.031	.023	.11	.0006	L.0005	--	--	--
80-09-18	1850	1	.027	.016	.13	.0005	L.0005	.04	--	1.10
80-10-23	1215	1	.034	.015	.15	L.0005	L.0005	.03	--	1.00
81-02-04	1610	1	.020	.003	.29	L.0005	L.0005	.01	--	1.70
81-05-22	1020	1	.240	.205	.19	L.0005	L.0005	.19	--	3.40
81-06-17	1530	1	.068	.039	.17	.0006	L.0005	.06	--	1.20
81-09-22	1000	1	--	--	.11	L.0005	L.0005	.02	--	.16
81-10-28	1500	1	.037	.034	.12	L.0005	L.0005	.01	--	.33
81-12-09	1130	1	.010	.003	.18	L.0005	L.0005	.01	--	.58

DATE	TIME/	SUB-ID/	26104P IRON DISSOLVED	29305P COPPER EXTRBLE.	29020P COPPER TOTAL RECOVERABLE	82302P LEAD EXTRBLE.	82020P LEAD TOTAL RECOVERABLE	30305P ZINC EXTRBLE.	30020P ZINC TOTAL RECOVERABLE
YMD/AMJ	HEURE	SOUS-ID	FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-01-10	1900	1	--	.003	--	L.004	--	.001	--
80-04-28	1745	1	--	--	.004	--	L.004	--	.016
80-05-28	1150	1	--	--	.002	--	L.004	--	.005
80-07-03	1100	1	--	--	.002	--	L.004	--	.003
80-08-13	1045	1	--	--	.002	--	L.004	--	.003
80-09-18	1850	1	--	--	.002	--	L.004	--	.006
80-10-23	1215	1	--	--	.004	--	L.004	--	.008
81-02-04	1610	1	--	--	.003	--	.005	--	.015
81-05-22	1020	1	--	--	.005	--	L.004	--	.027
81-06-17	1530	1	--	--	.008	--	L.004	--	.010
81-09-22	1000	1	--	--	.008	--	L.004	--	.004
81-10-28	1500	1	--	--	.003	--	L.004	--	.002
81-12-09	1130	1	--	--	.002	--	L.004	--	L.001

DATE	TIME/	SUB-ID/	23302P VANADIUM EXTRBLE.	23020P VANADIUM TOTAL RECOVERABLE	27302P COBALT EXTRBLE.	27020P COBALT TOTAL RECOVERABLE	28020P NICKEL TOTAL RECOVERABLE	56301P BARIUM EXTRBLE.	56020P BARIUM TOTAL RECOVERABLE
YMD/AMJ	HEURE	SOUS-ID	V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-01-10	1900	1	L.001	--	L.002	--	--	.06	--
80-04-28	1745	1	--	.007	--	.003	.009	--	.05
80-05-28	1150	1	--	L.001	--	L.002	.004	--	L.05
80-07-03	1100	1	--	.003	--	L.002	.008	--	.06
80-08-13	1045	1	--	L.001	--	L.002	.003	--	L.05
80-09-18	1850	1	--	L.001	--	L.002	L.002	--	L.05
80-10-23	1215	1	--	.001	--	L.002	.006	--	L.05
81-02-04	1610	1	--	L.001	--	L.002	.014	--	.07
81-05-22	1020	1	--	.005	--	.005	--	--	.06
81-06-17	1530	1	--	.002	--	L.002	--	--	.08
81-09-22	1000	1	--	L.001	--	L.002	L.002	--	.09
81-10-28	1500	1	--	L.001	--	L.002	.002	--	.06
81-12-09	1130	1	--	L.001	--	L.002	.004	--	.08

DATE	TIME/	SUB-ID/	48302P CADMIUM EXTRBLE.	48020P CADMIUM TOTAL RECOVERABLE	80011P MERCURY TOTAL
YMD/AMJ	HEURE	SOUS-ID	CD MG/L	CD MG/L	HG UG/L
80-01-10	1900	1	.001	--	--
80-04-28	1745	1	--	.001	L.02
80-05-28	1150	1	--	L.001	.03
80-07-03	1100	1	--	L.001	L.02
80-08-13	1045	1	--	L.001	L.02
80-09-18	1850	1	--	L.001	L.02
80-10-23	1215	1	--	.001	.03
81-02-04	1610	1	--	L.001	.02
81-05-22	1020	1	--	.001	--
81-06-17	1530	1	--	L.001	--
81-09-22	1000	1	--	L.001	--
81-10-28	1500	1	--	L.001	--
81-12-09	1130	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM07R00001

LAT. 62D 53M 20S LONG. 108D 28M 18S

LOCKHART RIVER BELOW ARTILLERY LAKE, NORTHWEST TERRITORIES

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-02-04	1600	1	1.0	20.9	16.	18.	--	7.0	.3	L5.
80-05-08	2100	1	3.0	16.5	19.	--	7.5	7.0	.5	5.
80-06-19	1800	1	13.0	21.7	13.	17.	--	6.9	.2	L5.
80-07-30	1850	1	13.0	22.4	13.	18.	6.6	6.9	.4	10.
80-09-16	1235	1	8.0	22.4	16.	17.	--	7.3	.5	10.
81-06-24	1700	1	8.0	20.4	13.	18.	--	6.6	.2	--
81-07-22	1200	1	14.0	21.0	16.	21.	--	7.0	.7	--

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CAC03
			REL. UNITS	CO3 MG/L	CAC03 MG/L	HC03 MG/L	CAC03 MG/L	CA MG/L	MG MG/L	CAC03 MG/L
80-02-04	1600	1	--	0.	0.0	5.	4.0 06L	1.20	.5	5.1
80-05-08	2100	1	--	--	--	--	--	1.50	1.1	8.3
80-06-19	1800	1	--	0.	0.0	6.	5.0	1.50	.5	5.8
80-07-30	1850	1	--	0.	0.0	2.	2.0	--	--	--
80-09-16	1235	1	--	0.	0.0	4.	3.0	1.80	.8	7.8
81-06-24	1700	1	5.	0.	0.0	5.	4.0	1.10	.4	4.4
81-07-22	1200	1	5.	0.	0.0	6.	4.7	1.70	.6	6.7

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
			MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	S102 MG/L	
80-02-04	1600	1	L1.	Q7.	.6	.5	.5	L.05	1.	L.1
80-05-08	2100	1	2.	--	.5	.5	.5	L.05	--	.1
80-06-19	1800	1	1.	8.	.6	.4	.4	L.05	1.	.1
80-07-30	1850	1	L1.	--	.5	.4	.6	L.05	1.	.1
80-09-16	1235	1	3.	Q7.	.5	.4	.4	L.05	1.	L.1
81-06-24	1700	1	L1.	Q7.	.3	.4	.4	L.05	2.	L.1
81-07-22	1200	1	--	8.	.4	.3	.5	L.05	1.	.3

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	06152L CARBON DISSOLVED INORGANIC	06104L CARBON DISSOLVED ORGANIC	06902L CARBON ORGANIC PARTICUL.	07110L NITROGEN DISSOLVED NO3 & NO2	07651L NITROGEN DISSOLVED	07902L NITROGEN PARTICUL.	07603L NITROGEN TOTAL (CALCD.)	15103L PHOSPHORUS TOTAL DISSOLVED
			C MG/L	C MG/L	C MG/L	N MG/L	N MG/L	N MG/L	N MG/L	P MG/L
80-02-04	1600	1	L1.0	2.0	.10	.02	.14	.03	.17	L.003
80-05-08	2100	1	--	2.0	.29	.01	.12	.04	.16	.003
80-06-19	1800	1	--	2.0	.15	.01	.14	.03	.17	.005
80-07-30	1850	1	--	2.0	.21	.03	.11	.04	.15	L.003
80-09-16	1235	1	--	1.0	.27	L.01	.10	.04	.14	L.003
81-06-24	1700	1	--	2.3	.30	--	.12	.04	.16	L.003
81-07-22	1200	1	--	2.4	.24	L.01	--	.04	--	.006

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	15406L PHOSPHORUS TOTAL	15901L PHOSPHORUS PARTICULATE (CALCD.)	05105L BORON DISSOLVED	33104L ARSENIC DISSOLVED	34102L SELENIUM DISSOLVED	25304P MANGANESE EXTRBLE.	25104L MANGANESE DISSOLVED	26304P IRON EXTRBLE.
			P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-02-04	1600	1	L.003	Q0.000	L.02	L.0005	L.0005	L.01	--	.04
80-05-08	2100	1	.005	.002	L.02	L.0005	L.0005	--	L.01	--
80-06-19	1800	1	.007	.002	L.02	L.0005	L.0005	--	--	--
80-07-30	1850	1	L.003	Q0.000	L.02	L.0005	L.0005	--	--	--
80-09-16	1235	1	L.003	Q0.000	L.02	L.0005	L.0005	--	--	--
81-06-24	1700	1	L.003	Q0.000	L.02	L.0005	L.0005	L.01	--	.05
81-07-22	1200	1	.009	.003	L.02	L.0005	L.0005	L.01	--	L.04

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM07R00001
LOCKHART RIVER BELOW ARTILLERY LAKE, NORTHWEST TERRITORIES

LAT. 62D 53M 20S LONG. 108D 28M 18S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
			IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL RECOVERABLE	LEAD EXTRBLE.	LEAD TOTAL RECOVERABLE	ZINC EXTRBLE.	ZINC TOTAL RECOVERABLE
			FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-02-04	1600	1	--	L. 001	--	L. 004	--	L. 001	--
80-05-08	2100	1	--	--	.003	--	L. 004	--	.008
80-06-19	1800	1	--	--	L. 001	--	L. 004	--	.003
80-07-30	1850	1	--	--	.002	--	L. 004	--	.001
80-09-16	1235	1	--	--	.002	--	L. 004	--	.019
81-06-24	1700	1	--	--	.005	--	L. 004	--	L. 001
81-07-22	1200	1	--	--	L. 001	--	L. 004	--	.001

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIUM EXTRBLE.	BARIUM TOTAL RECOVERABLE
			V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-02-04	1600	1	L. 001	--	L. 002	--	--	L. 05	--
80-05-08	2100	1	--	L. 001	--	.004	.006	--	L. 05
80-06-19	1800	1	--	L. 001	--	.003	.004	--	.05
80-07-30	1850	1	--	L. 001	--	L. 002	L. 002	--	L. 05
80-09-16	1235	1	--	L. 001	--	L. 002	.002	--	L. 05
81-06-24	1700	1	--	L. 001	--	L. 002	L. 002	--	L. 05
81-07-22	1200	1	--	L. 001	--	L. 002	L. 002	--	L. 05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
			CD MG/L	CD MG/L	HG UG/L
80-02-04	1600	1	L. 001	--	L. 02
80-05-08	2100	1	--	.001	L. 02
80-06-19	1800	1	--	L. 001	.03
80-07-30	1850	1	--	L. 001	.03
80-09-16	1235	1	--	L. 001	L. 02
81-06-24	1700	1	--	L. 001	--
81-07-22	1200	1	--	L. 001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONN10EA0004
FLAT RIVER NEAR MOUTH.

NORTHWEST TERRITORIES

LAT. 61D 31M 59S LONG. 125D 24M 20S

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	02061F TEMP. MATER	02061L TEMP. MATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-03-10	1340	427	0.0	20.5	--	423.	7.9	7.8	1.2	10.
80-08-30	1315	1	9.0	19.3	260.	285.	8.3	8.1	8.2	20.
80-11-27	1710	1	0.0	21.3	375.	397.	--	7.9	1.4	20.
81-04-29	1200	1	0.0	20.1	350.	352.	7.6	8.0	6.7	--
81-06-17	1200	1	--	15.1	220.	220.	7.8	8.0	50.0	--
81-07-06	1550	1	13.0	19.2	240.	247.	8.1	8.2	15.0	--
81-09-21	1400	1	8.0	21.7	250.	287.	--	8.2	3.9	--

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN CAC03	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CAC03
			REL. UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-03-10	1340	427	--	0.	0.0	198.	162.0 06L	57.80	14.5	204.0
80-08-30	1315	1	--	0.	0.0	134.	110.0	41.50	8.8	139.9
80-11-27	1710	1	--	0.	0.0	191.	157.0	59.80	12.3	200.0
81-04-29	1200	1	5.	0.	0.0	168.	138.0	55.00	13.0	190.9
81-06-17	1200	1	20.	0.	0.0	102.	84.0	32.00	5.5	102.6
81-07-06	1550	1	20.	0.	0.0	118.	97.0	38.00	7.0	123.7
81-09-21	1400	1	10.	0.	0.0	138.	113.0	43.40	8.3	142.5

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
			MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L
80-03-10	1340	427	--	212.	1.6	.9	.5	.08	33.	6.6
80-08-30	1315	1	--	152.	1.3	.7	.3	.06	28.	5.8
80-11-27	1710	1	2.	211.	1.7	.8	.4	.08	35.	7.0
81-04-29	1200	1	5.	193.	1.7	.8	.6	.12	34.	5.3
81-06-17	1200	1	82.	111.	.7	.5	.3	L.05	17.	5.0
81-07-06	1550	1	15.	131.	1.1	.6	.3	.07	20.	5.4
81-09-21	1400	1	2.	156.	1.3	.7	.3	.08	28.	5.8

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-03-10	1340	427	--	1.0	.27	--	--	.08	--	L.003
80-08-30	1315	1	--	2.0	.27	L.01	.06	.04	.10	.019
81-04-29	1200	1	--	1.6	.29	.07	.10	.04	.14	.010
81-06-17	1200	1	--	3.6	1.80	.07	.16	.12	.28	.003
81-07-06	1550	1	--	1.4	.34	.03	.32	.04	.36	.012
81-09-21	1400	1	--	1.6	.15	.07	.15	L.01	Q.16	L.003

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	15406L PHOSPHORUS TOTAL	15901L PHOSPHORUS PARTICULATE (CALCD.)	05105L BORON DISSOLVED	33104L ARSENIC DISSOLVED	34102L SELENIUM DISSOLVED	25304P MANGANESE EXTRBLE.	25104L MANGANESE DISSOLVED	26304P IRON EXTRBLE.
			P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-03-10	1340	427	.009	Q.006	.08	L.0005	.0007	L.01	--	.10
80-08-30	1315	1	.019	0.000	.07	.0005	L.0005	--	--	--
80-11-27	1710	1	.017	--	.06	.0007	L.0005	--	--	--
81-04-29	1200	1	.011	.001	.04	L.0005	.0005	L.01	--	.09
81-06-17	1200	1	.060	.057	.06	.0005	L.0005	.04	--	.91
81-07-06	1550	1	.042	.030	.03	L.0005	.0005	.01	--	.30
81-09-21	1400	1	.007	Q.004	.05	L.0005	.0005	L.01	--	.23

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONW10EA0004
FLAT RIVER NEAR MOUTH,

NORTHWEST TERRITORIES

LAT. 61D 31M 59S LONG. 125D 24M 20S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
				IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL RECOVERABLE	LEAD EXTRBLE.	LEAD TOTAL RECOVERABLE	ZINC EXTRBLE.	ZINC TOTAL RECOVERABLE
				FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-03-10	1340	427		--	.004	--	L.004	--	--	--
80-08-30	1315	1		--	--	.002	--	L.004	--	.016
80-11-27	1710	1		--	--	.001	--	L.004	--	.016
81-04-29	1200	1		--	--	.004	--	L.004	--	.018
81-06-17	1200	1		--	--	.004	--	L.004	--	.022
81-07-06	1550	1		--	--	.003	--	L.004	--	.005
81-09-21	1400	1		--	--	.002	--	L.004	--	.011

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
				VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIUM EXTRBLE.	BARIUM TOTAL RECOVERABLE
				V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-03-10	1340	427		L.001	--	L.002	--	--	.05	--
80-08-30	1315	1		--	.002	--	L.002	.007	--	.05
80-11-27	1710	1		--	.001	--	L.002	.005	--	.07
81-04-29	1200	1		--	L.001	--	L.002	.006	--	--
81-06-17	1200	1		--	.007	--	L.002	--	--	.10
81-07-06	1550	1		--	.001	--	L.002	.009	--	.06
81-09-21	1400	1		--	L.001	--	L.002	L.002	--	L.05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	48302P	48020P	80011P
				CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
				CD MG/L	CD MG/L	HG UG/L
80-03-10	1340	427		.004	--	--
80-08-30	1315	1		--	L.001	--
80-11-27	1710	1		--	L.001	--
81-04-29	1200	1		--	L.001	--
81-06-17	1200	1		--	L.001	--
81-07-06	1550	1		--	L.001	--
81-09-21	1400	1		--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM10E0002

LIARD RIVER ABOVE FORT SIMPSON.

NORTHWEST TERRITORIES

LAT. 61D 44M 22S

LONG. 121D 13M 9S

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-08	1359	1	0.0	20.6	--	435.	8.4	8.0	3.0	5.
80-04-18	1245	1	0.0	20.2	340.	403.	7.8	8.0	9.0	5.
80-06-09	0955	1	15.0	21.2	184.	210.	7.9	8.0	180.0	400.
80-07-25	1100	1	14.0	19.8	210.	254.	--	8.0	250.0	400.
80-09-15	1140	1	9.0	21.6	260.	310.	7.6	8.2	25.0	60.
80-10-24	1400	1	4.0	17.9	--	305.	--	8.1	13.0	40.
80-11-07	1130	1	0.0	20.7	330.	340.	7.6	7.9	5.2	30.
81-01-05	1745	1	0.0	17.7	400.	406.	8.2	7.7	5.7	10.
81-02-06	1330	1	0.0	19.0	400.	417.	8.2	7.7	1.7	5.
81-03-23	1540	1	0.0	20.5	400.	360.	8.3	8.1	5.9	--
81-05-29	1450	1	12.0	21.5	180.	196.	8.1	7.9	200.0	--
81-07-10	1330	1	15.0	19.3	240.	240.	8.2	8.2	47.0	--
81-09-16	1020	1	12.0	23.2	240.	290.	8.2	8.2	33.0	--
81-11-20	1020	1	0.0	21.1	330.	356.	--	8.0	4.4	--

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN CAC03	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CAC03
DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	REL. UNITS	CO3 MG/L	MG/L	HC03 MG/L	CAC03 MG/L	CA MG/L	MG MG/L	MG/L
80-01-08	1359	1	--	0.	0.0	200.	164.0	57.20	15.8	207.9
80-04-18	1245	1	--	0.	0.0	193.	158.0	62.30	15.3	218.6
80-06-09	0955	1	--	0.	0.0	90.	74.0	28.40	6.6	98.1
80-07-25	1100	1	--	0.	0.0	116.	95.0	35.00	9.0	124.5
80-09-15	1140	1	--	0.	0.0	140.	115.0	39.80	11.4	146.3
80-10-24	1400	1	--	0.	0.0	140.	115.0	40.10	10.5	143.4
80-11-07	1130	1	--	0.	0.0	154.	126.0	44.20	12.8	163.1
81-01-05	1745	1	--	0.	0.0	189.	155.0	55.10	15.6	201.8
81-02-06	1330	1	--	0.	0.0	196.	161.0	50.00	16.3	192.0
81-03-23	1540	1	20.	0.	0.0	202.	166.0	54.50	16.0	202.0
81-05-29	1450	1	50.	0.	0.0	94.	77.0	28.70	6.6	98.8
81-07-10	1330	1	20.	0.	0.0	112.	92.0	33.30	9.2	121.0
81-09-16	1020	1	20.	0.	0.0	135.	111.0	39.30	11.5	145.5
81-11-20	1020	1	30.	0.	0.0	177.	145.0	48.20	13.5	175.9

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	S102 MG/L
80-01-08	1359	1	L1.	225.	3.5	.7	2.0	.10	40.	7.3
80-04-18	1245	1	23.	223.	4.2	.8	3.5	.11	36.	6.0
80-06-09	0955	1	414.	104.	1.7	.6	.7	.07	17.	4.6
80-07-25	1100	1	405.	138.	1.9	.6	.7	.09	29.	4.7
80-09-15	1140	1	46.	158.	2.2	.6	.8	.07	29.	5.4
80-10-24	1400	1	--	158.	2.0	.5	.9	.10	29.	5.7
80-11-07	1130	1	7.	177.	2.7	.6	1.0	.10	34.	6.1
81-01-05	1745	1	49.	213.	3.3	.7	1.6	.11	37.	6.9
81-02-06	1330	1	3.	212.	3.5	.8	2.1	.13	36.	7.1
81-03-23	1540	1	1.	220.	3.4	.8	2.3	.13	36.	7.0
81-05-29	1450	1	564.	104.	1.5	.5	.5	.08	15.	4.5
81-07-10	1330	1	87.	126.	1.5	.5	.6	.08	20.	5.2
81-09-16	1020	1	68.	152.	1.9	.6	.6	.09	26.	5.0
81-11-20	1020	1	5.	197.	3.2	.6	1.4	L.05	36.	6.6

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	06152L CARBON DISSOLVED INORGANIC	06104L CARBON DISSOLVED ORGANIC	06902L CARBON ORGANIC PARTICUL.	07110L NITROGEN DISSOLVED NO3 & NO2	07651L NITROGEN DISSOLVED	07902L NITROGEN PARTICUL.	07603L NITROGEN TOTAL (CALCD.)	15103L PHOSPHORUS TOTAL DISSOLVED
DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	C MG/L	C MG/L	C MG/L	N MG/L	N MG/L	N MG/L	N MG/L	P MG/L
80-01-08	1359	1	40.0	2.0	.12	.17	.21	.02	.23	L.003
80-04-18	1245	1	--	2.0	2.70	.09	.15	.30	.45	.110
80-06-09	0955	1	--	6.0	8.60	.04	.19	.73	.92	.010
80-07-25	1100	1	--	5.0	9.30	.05	.19	.78	.97	.020
80-09-15	1140	1	--	3.0	1.50	.02	.13	.16	.29	L.003
80-10-24	1400	1	--	3.0	.73	.06	--	.08	--	.006
80-11-07	1130	1	--	3.0	.29	.13	.21	.05	.26	.003
81-01-05	1745	1	--	2.0	1.10	.13	.19	.10	.29	.003
81-02-06	1330	1	--	2.0	.09	.13	.19	.02	.21	L.003
81-03-23	1540	1	--	--	.13	.11	.17	.02	.19	L.003
81-05-29	1450	1	--	4.5	14.20	.05	.19	.76	.95	.500
81-07-10	1330	1	--	2.6	2.20	.04	.10	.14	.24	.007
81-09-16	1020	1	--	2.5	1.50	.06	.14	.12	.26	L.003
81-11-20	1020	1	--	3.8	.17	.09	.17	L.01	Q.18	.004

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM10ED0002

LIARD RIVER ABOVE FORT SIMPSON,

NORTHWEST TERRITORIES

LAT. 61D 44M 22S LONG. 121D 13M 9S

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
			PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.
			P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-01-08	1359	1	L.003 06R	00.000	L.02	L.0005	.0008	L.01 04W	--	.12 04W
80-04-18	1245	1	.110	0.000	.04	L.0005	.0005	--	L.01	--
80-06-09	0955	1	.380 06R	.370	.07	L.0005	.0005	--	L.01	--
80-07-25	1100	1	.470	.450	.08	L.0005	.0005	--	--	--
80-09-15	1140	1	.054	0.051	.06	L.0005	.0006	--	--	--
80-10-24	1400	1	.033	.027	.06	L.0005	.0006	.02	--	.44
80-11-07	1130	1	.016	.013	.07	L.0005	.0005	.01	--	.26
81-01-05	1745	1	.046	.043	.07	L.0005	L.0005	.01	--	.33
81-02-06	1330	1	L.003	00.000	.06	L.0005	L.0005	L.01	--	.12
81-03-23	1540	1	L.003	00.000	.04	L.0005	L.0005	L.01	--	.09
81-05-29	1450	1	.580	.080	.07	L.0005	L.0005	.27	--	L.04
81-07-10	1330	1	.076	.069	.03	L.0005	L.0005	.04	--	.95
81-09-16	1020	1	.140	0.137	.05	L.0005	L.0005	.04	--	1.00
81-11-20	1020	1	.011	.007	.06	L.0005	L.0005	.01	--	.14

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
			IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL RECOVERABLE	LEAD EXTRBLE.	LEAD TOTAL RECOVERABLE	ZINC EXTRBLE.	ZINC TOTAL RECOVERABLE
			FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-01-08	1359	1	--	.002 05W	--	L.004 02W	--	.002 05W	--
80-04-18	1245	1	--	--	.005	--	L.004	--	.006
80-06-09	0955	1	--	--	.015 20W	--	.006 20W	--	.055 20W
80-07-25	1100	1	--	--	.015	--	.005	--	.002
80-09-15	1140	1	--	--	.002	--	L.004	--	.011
80-10-24	1400	1	--	--	.003	--	L.004	--	.007
80-11-07	1130	1	--	--	.001	--	L.004	--	.008
81-01-05	1745	1	--	--	.002	--	L.004	--	.003
81-02-06	1330	1	--	--	.001	--	L.004	--	.001
81-03-23	1540	1	--	--	.002	--	L.004	--	.004
81-05-29	1450	1	--	--	.007	--	L.004	--	.045
81-07-10	1330	1	--	--	.005	--	L.004	--	.008
81-09-16	1020	1	--	--	.009	--	L.004	--	.013
81-11-20	1020	1	--	--	.001	--	L.004	--	L.001

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NH10E0002

LIARD RIVER ABOVE FORT SIMPSON,

NORTHWEST TERRITORIES

LAT. 61D 44M 22S LONG. 121D 13M 9S

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIUM EXTRBLE.	BARIUM TOTAL RECOVERABLE
			V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-01-08	1359	1	L.001 02W	--	L.002 02W	--	--	.07 01W	--
80-04-18	1245	1	--	.005	--	.002	.005	--	.12
80-06-09	0955	1	--	L.001 20W	--	.006 20W	--	--	.19 20W
80-07-25	1100	1	--	.004	--	.005	.022	--	.17
80-09-15	1140	1	--	.002	--	L.002	.007	--	.05
80-10-24	1400	1	--	.001	--	L.002	.006	--	.05
80-11-07	1130	1	--	L.001	--	L.002	.017	--	.05
81-01-05	1745	1	--	L.001	--	.007	.006	--	.06
81-02-06	1330	1	--	L.001	--	.002	.003	--	.10
81-03-23	1540	1	--	L.001	--	L.002	L.002	--	L.05
81-05-29	1450	1	--	.006	--	.004	--	--	.15
81-07-10	1330	1	--	.005	--	L.002	.008	--	.09
81-09-16	1020	1	--	.004	--	L.002	.005	--	.10
81-11-20	1020	1	--	L.001	--	L.002	.002	--	.05

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
			CD MG/L	CD MG/L	HG UG/L
80-01-08	1359	1	L.001 02W	--	L.02 11W
80-04-18	1245	1	--	L.001	.06
80-06-09	0955	1	--	L.001 20W	.04 11W
80-07-25	1100	1	--	L.001	--
80-09-15	1140	1	--	L.001	L.02
80-10-24	1400	1	--	.001	.02
80-11-07	1130	1	--	L.001	L.02
81-01-05	1745	1	--	.001	L.02
81-02-06	1330	1	--	L.001	.02
81-03-23	1540	1	--	L.001	--
81-05-29	1450	1	--	L.001	--
81-07-10	1330	1	--	L.001	--
81-09-16	1020	1	--	L.001	--
81-11-20	1020	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONW10FB0001

LAT. 61D 15M 2S LONG. 118D 3M 0S

MACKENZIE RIVER NEAR FORT PROVIDENCE, NORTHWEST TERRITORIES

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-09	1550	1	0.0	22.9	318.	324.	--	7.6	2.2	20.
80-04-29	1155	1	1.0	21.2	212.	237.	--	8.0	12.0	30.
80-05-27	1545	1	9.0	22.4	160.	202.	--	8.4	12.0	30.
80-07-02	1800	1	19.0	18.3	200.	246.	8.9	8.9	8.9	20.
80-08-12	1400	1	20.0	20.6	198.	239.	8.9	8.8	7.8	20.
80-09-19	1030	1	6.0	21.1	210.	266.	--	8.1	23.0	50.
80-10-22	1510	1	3.0	18.3	200.	270.	--	8.0	16.0	60.
81-05-21	1425	1	10.0	20.3	225.	293.	--	7.8	120.0	--
81-06-17	1115	1	14.0	18.7	198.	249.	7.8	8.0	15.0	--
81-09-21	1240	1	10.0	15.8	200.	266.	--	8.1	18.0	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L	
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS	
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL	
			REL. UNITS	CO3	PTHALEIN	HC03	CAC03	CA	MG	(CALCD.)	
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CAC03	
										MG/L	
80-01-09	1550	1	--	0.	0.0	129.	106.0	06L	44.00	8.6	145.3
80-04-29	1155	1	--	0.	0.0	89.	73.0		28.30	6.2	96.2
80-05-27	1545	1	--	0.	0.0	88.	72.0		26.20	5.6	88.5
80-07-02	1800	1	--	5.	4.1	83.	76.0		29.00	7.5	103.3
80-08-12	1400	1	--	7.	5.4	80.	76.0		28.80	7.8	104.0
80-09-19	1030	1	--	0.	0.0	109.	89.0		32.80	7.0	110.7
80-10-22	1510	1	--	0.	0.0	109.	89.0		32.30	6.7	108.2
81-05-21	1425	1	50.	0.	0.0	120.	98.0		40.00	8.7	135.7
81-06-17	1115	1	20.	0.	0.0	107.	88.0		33.90	7.1	113.9
81-09-21	1240	1	30.	0.	0.0	116.	95.0		35.60	7.3	119.0

DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	(CALCD.)	NA	K	CL	F	S04	SI02
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-09	1550	1	6.	163.	6.9	1.5	4.6	.11	28.	5.6
80-04-29	1155	1	13.	118.	6.2	1.0	5.8	.07	24.	3.0
80-05-27	1545	1	16.	105.	5.4	.9	4.8	--	17.	1.8
80-07-02	1800	1	11.	127.	7.9	.8	8.0	.06	25.	3.6
80-08-12	1400	1	9.	01R	--	--	--	.09	20.	--
80-09-19	1030	1	23.	133.	7.3	1.2	7.0	.08	22.	2.2
80-10-22	1510	1	13.	132.	7.0	1.1	6.7	.09	23.	1.7
81-05-21	1425	1	199.	157.	6.7	4.0	4.5	.14	30.	4.0
81-06-17	1115	1	14.	129.	6.1	1.2	3.3	L.05	22.	2.4
81-09-21	1240	1	9.	138.	6.7	1.3	6.1	.09	22.	2.2

DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L	
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS	
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL	
			INORGANIC	ORGANIC	PARTICUL.	N03 & N02	DISSOLVED		(CALCD.)	DISSOLVED	
			C	C	C	N	N	N	N	P	
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
80-01-09	1550	1	30.0	14.0	.21	.09	.47	.05	.52	.009	
80-04-29	1155	1	--	5.0	.38	.06	.24	.08	.32	.004	
80-05-27	1545	1	--	6.0	.41	.01	.18	.06	.24	.004	
80-07-02	1800	1	--	16.0	.44	L.01	.21	.07	.28	.008	
80-08-12	1400	1	--	6.0	04R	.27	02R	.01	10R	.005	03R
80-09-19	1030	1	--	6.0	.73	.01	.20	.10	.30	.003	
80-10-22	1510	1	--	5.0	.47	L.01	.18	.08	.26	L.003	
81-05-21	1425	1	--	14.0	4.00	L.01	.55	.41	.96	.014	
81-06-17	1115	1	--	7.7	.62	L.01	.35	.10	.45	.011	
81-09-21	1240	1	--	5.8	.48	L.01	.22	.07	.29	.008	

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00N10FB0001
MACKENZIE RIVER NEAR FORT PROVIDENCE, NORTHWEST TERRITORIES

LAT. 61D 15M 25 LONG. 118D 3M 05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
				PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.
				P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-01-09	1550	1		.013	.004	.04	L.0005	L.0005	L.01	--	.22
80-04-29	1155	1		.018	.014	.04	L.0005	L.0005	--	L.01	--
80-05-27	1545	1		.014	.010	.04	.0005	L.0005	--	L.01	--
80-07-02	1800	1		.020	.012	.06	L.0005	L.0005	--	--	--
80-08-12	1400	1		.014 06R	.009	--	--	--	--	--	--
80-09-19	1030	1		.024	.021	.03	L.0005	L.0005	.02	--	.69
80-10-22	1510	1		.020	.017	.04	L.0005	L.0005	.01	--	.30
81-05-21	1425	1		.140	.126	.10	L.0005	L.0005	.11	--	2.40
81-06-17	1115	1		.023	.012	.04	L.0005	L.0005	.02	--	.39
81-09-21	1240	1		--	--	.04	L.0005	L.0005	.01	--	.38

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
				IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL RECOVERABLE	LEAD EXTRBLE.	LEAD TOTAL RECOVERABLE	ZINC EXTRBLE.	ZINC TOTAL RECOVERABLE
				FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-01-09	1550	1		--	.004	--	L.004	--	.004	--
80-04-29	1155	1		--	--	.002	--	L.004	--	.002
80-05-27	1545	1		--	--	.002	--	L.004	--	.022
80-07-02	1800	1		--	--	.002	--	L.004	--	.004
80-08-12	1400	1		--	--	.002 20W	--	L.004 20W	--	.001 20W
80-09-19	1030	1		--	--	.001	--	L.004	--	.006
80-10-22	1510	1		--	--	.001	--	L.004	--	.002
81-05-21	1425	1		--	--	.006	--	L.004	--	.029
81-06-17	1115	1		--	--	.002	--	L.004	--	.002
81-09-21	1240	1		--	--	.008	--	L.004	--	.003

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
				VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIUM EXTRBLE.	BARIUM TOTAL RECOVERABLE
				V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-01-09	1550	1		L.001	--	.002	--	--	L.05	--
80-04-29	1155	1		--	L.001	--	L.002	.002	--	.05
80-05-27	1545	1		--	L.001	--	L.002	.009	--	--
80-07-02	1800	1		--	.004	--	L.002	.007	--	.05
80-08-12	1400	1		--	L.001 20W	--	L.002 20W	--	--	L.05 20W
80-09-19	1030	1		--	.001	--	L.002	.003	--	L.05
80-10-22	1510	1		--	L.001	--	L.002	L.002	--	.05
81-05-21	1425	1		--	.002	--	.004	--	--	.05
81-06-17	1115	1		--	.003	--	L.002	.004	--	.06
81-09-21	1240	1		--	L.001	--	L.002	L.002	--	.09

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	48302P	48020P	80011P
				CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
				CD MG/L	CD MG/L	HG UG/L
80-01-09	1550	1		L.001	--	L.02
80-04-29	1155	1		--	L.001	.03
80-05-27	1545	1		--	L.001	L.02
80-07-02	1800	1		--	L.001	L.02
80-08-12	1400	1		--	L.001 20W	L.02 11W
80-09-19	1030	1		--	L.001	L.02
80-10-22	1510	1		--	.001	.06
81-05-21	1425	1		--	.008	--
81-06-17	1115	1		--	L.001	--
81-09-21	1240	1		--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NW10JA0001

LAT. 65D 35M 44S LONG. 117D 45M 20S

CAMSELL RIVER AT OUTLET OF CLUT LAKE, NORTHWEST TERRITORIES

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	02061F TEMP. WATER DEG. C.	02061L TEMP. WATER DEG. C.	02041F SPECIFIC CONDUCT. USIE/CM	02041L SPECIFIC CONDUCT. USIE/CM	10301F PH PH UNITS	10301L PH PH UNITS	02073L TURBIDITY JTU	02011L COLOUR APPARENT REL. UNITS
80-01-14	1500	1	0.0	19.0	--	136.	--	7.7	.8	15.
80-04-08	1840	1	0.0	20.6	--	163.	--	7.3	1.1	5.
80-05-16	2200	1	2.0	19.6	124.	131.	7.2	7.5	.4	10.
80-06-15	1340	1	9.0	19.0	100.	108.	7.1	7.7	1.3	10.
80-08-05	2030	1	14.0	21.6	113.	119.	--	7.6	.5	10.
80-09-18	1515	1	9.0	21.0	115.	123.	--	7.7	.5	5.
80-10-25	1600	1	3.0	18.2	112.	123.	7.7	7.8	.7	--
80-11-26	1800	1	0.0	22.0	--	186.	--	7.9	.4	20.
81-04-09	1450	1	0.0	22.7	--	162.	--	8.0	.3	--
81-05-09	1520	1	--	19.6	--	148.	--	7.4	.4	--
81-07-02	1400	1	15.0	22.9	108.	98.	7.1	7.8	.8	--
81-08-18	1400	1	16.0	23.7	130.	124.	7.3	8.0	.8	--
81-11-11	1100	1	0.0	16.8	130.	114.	--	7.6	.9	--

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	02021L COLOUR TRUE REL. UNITS	06301L CARBONATE (CALCD.) CO3 MG/L	10151L ALKALINITY PHENOL PTHALEIN CACO3 MG/L	06201L BICARBONATE (CALCD.) HC03 MG/L	10101L ALKALINITY TOTAL CAC03 MG/L	20103L CALCIUM DISSOLVED CA MG/L	12102L MAGNESIUM DISSOLVED MG MG/L	10602L HARDNESS TOTAL (CALCD.) CAC03 MG/L
80-01-14	1500	1	--	0.	0.0	61.	50.0 06L	15.50	6.5	65.5
80-04-08	1840	1	--	0.	0.0	67.	55.0	15.00	6.8	65.5
80-05-16	2200	1	--	0.	0.0	60.	49.0	14.30	6.5	62.5
80-06-15	1340	1	--	0.	0.0	48.	39.0	11.30	4.8	48.0
80-08-05	2030	1	--	0.	0.0	52.	43.0	13.00	5.7	55.9
80-09-18	1515	1	--	0.	0.0	54.	44.0	14.00	5.5	57.6
80-10-25	1600	1	--	0.	0.0	56.	46.0	13.20	4.9	53.1
80-11-26	1800	1	--	0.	0.0	72.	59.0	17.80	7.7	76.2
81-04-09	1450	1	10.	0.	0.0	67.	55.0	17.00	8.0	75.4
81-05-09	1520	1	5.	0.	0.0	66.	54.0	16.70	6.8	69.7
81-07-02	1400	1	10.	0.	0.0	41.	34.0	10.00	4.4	43.1
81-08-18	1400	1	5.	0.	0.0	49.	40.0	13.00	5.3	54.3
81-11-11	1100	1	10.	0.	0.0	48.	39.0	12.50	5.2	52.6

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	10401L RESIDUE NONFILTR. MG/L	00201L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	11103L SODIUM DISSOLVED NA MG/L	19103L POTASSIUM DISSOLVED K MG/L	17206L CHLORIDE DISSOLVED CL MG/L	09105L FLUORIDE DISSOLVED F MG/L	16306L SULPHATE DISSOLVED S04 MG/L	14105L SILICA REACTIVE S102 MG/L
80-01-14	1500	1	2.	70.	2.3	.9	2.5	.14	11.	1.5
80-04-08	1840	1	L1.	76.	2.2	.9	2.5	.12	12.	3.2
80-05-16	2200	1	1.	67.	2.1	.9	2.3	.14	10.	1.4
80-06-15	1340	1	2.	52.	1.7	.8	1.7	.11	7.	1.4
80-08-05	2030	1	3.	59.	2.0	.9	2.1	.11	8.	1.4
80-09-18	1515	1	1.	62.	2.0	.9	2.2	.12	9.	1.7
80-10-25	1600	1	1.	61.	1.9	.8	2.0	.12	9.	1.4
80-11-26	1800	1	2.	89.	4.1	.8	5.4	.07	15.	3.2
81-04-09	1450	1	L1.	79.	2.4	1.1	2.6	L.05	13.	1.5
81-05-09	1520	1	1.	76.	2.6	1.1	2.7	.06	12.	1.7
81-07-02	1400	1	1.	45.	1.6	.7	1.4	.07	5.	1.2
81-08-18	1400	1	4.	55.	1.7	.8	1.8	.12	7.	1.3
81-11-11	1100	1	1.	54.	1.8	.8	1.9	.07	7.	1.4

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	06152L CARBON DISSOLVED INORGANIC C MG/L	06104L CARBON DISSOLVED ORGANIC C MG/L	06902L CARBON ORGANIC PARTICUL. C MG/L	07110L NITROGEN DISSOLVED NO3 & NO2 N MG/L	07651L NITROGEN DISSOLVED N MG/L	07902L NITROGEN PARTICUL. N MG/L	07603L NITROGEN TOTAL (CALCD.) N MG/L	15103L PHOSPHORUS TOTAL DISSOLVED P MG/L
80-01-14	1500	1	10.0	4.0	.10	.05	.21	.01	.22	L.003
80-04-08	1840	1	9.0	3.0	.07	.05	.19	.02	.21	L.003
80-05-16	2200	1	--	5.0	.13	.04	.17	--	--	L.003
80-06-15	1340	1	--	4.0	.18	.03	.16	.04	.20	.004
80-08-05	2030	1	--	4.0	.18	L.01	.13	.03	.16	L.003
80-09-18	1515	1	--	5.0	.20	.06	.15	.04	.19	L.003
80-10-25	1600	1	--	4.0	.17	.05	.18	.05	.23	L.003
80-11-26	1800	1	--	2.0	.21	.17	.25	.04	.29	L.003
81-04-09	1450	1	--	--	.13	.16	.21	.03	.24	L.003
81-05-09	1520	1	--	4.0	.24	.04	.20	.04	.24	L.003
81-07-02	1400	1	--	4.8	.16	L.01	.18	.03	.21	.003
81-08-18	1400	1	--	3.5	.21	L.01	.15	.04	.19	.003
81-11-11	1100	1	--	3.7	.14	.04	.17	.02	.19	.007

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONH10JAO001
CAMSELL RIVER AT OUTLET OF CLUT LAKE, NORTHWEST TERRITORIES

LAT. 65D 35M 44S LONG. 117D 45M 20S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	15406L PHOSPHORUS TOTAL	15901L PHOSPHORUS PARTICULATE (CALCD.)	05105L BORON DISSOLVED	33104L ARSENIC DISSOLVED	34102L SELENIUM DISSOLVED	25304P MANGANESE EXTRBLE.	25104L MANGANESE DISSOLVED	26304P IRON EXTRBLE.
			P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-01-14	1500	1	--	--	L.02	L.0005	L.0005	L.01	--	L.04
80-04-08	1840	1	.011	Q.008	.03	L.0005	L.0005	--	L.01	--
80-05-16	2200	1	.006	Q.003	L.02	L.0005	L.0005	--	L.01	--
80-06-15	1340	1	.010	.006	L.02	L.0005	L.0005	--	--	--
80-08-05	2030	1	.003	Q0.000	.03	L.0005	L.0005	--	--	--
80-09-18	1515	1	.008	Q.005	L.02	L.0005	L.0005	L.01	--	.12
80-10-25	1600	1	.008	Q.005	L.02	L.0005	L.0005	L.01	--	L.04
80-11-26	1800	1	L.003	Q0.000	.04	L.0005	L.0005	L.01	--	L.04
81-04-09	1450	1	.014	Q.011	.04	L.0005	L.0005	L.01	--	L.04
81-05-09	1520	1	.012	Q.009	.03	L.0005	L.0005	L.01	--	L.04
81-07-02	1400	1	--	--	.04	L.0005	L.0005	L.01	--	.04
81-08-18	1400	1	.016	.013	.02	L.0005	L.0005	L.01	--	L.04
81-11-11	1100	1	.031	.024	.03	L.0005	L.0005	L.01	--	L.04

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	26104P IRON DISSOLVED	29305P COPPER EXTRBLE.	29020P COPPER TOTAL RECOVERABLE	82302P LEAD EXTRBLE.	82020P LEAD TOTAL RECOVERABLE	30305P ZINC EXTRBLE.	30020P ZINC TOTAL RECOVERABLE
			FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-01-14	1500	1	--	.003	--	L.004	--	L.001	--
80-04-08	1840	1	--	--	.005	--	L.004	--	.006
80-05-16	2200	1	--	--	.002	--	L.004	--	.011
80-06-15	1340	1	--	--	.001	--	L.004	--	.003
80-08-05	2030	1	--	--	.001	--	L.004	--	.002
80-09-18	1515	1	--	--	L.001	--	L.004	--	.006
80-10-25	1600	1	--	--	.002	--	L.004	--	.002
80-11-26	1800	1	--	--	L.001	--	L.004	--	.003
81-04-09	1450	1	--	--	.003	--	L.004	--	--
81-05-09	1520	1	--	--	.004	--	.011	--	--
81-07-02	1400	1	--	--	L.001	--	L.004	--	.011
81-08-18	1400	1	--	--	.011	--	L.004	--	.007
81-11-11	1100	1	--	--	.001	--	L.004	--	.003

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	23302P VANADIUM EXTRBLE.	23020P VANADIUM TOTAL RECOVERABLE	27302P COBALT EXTRBLE.	27020P COBALT TOTAL RECOVERABLE	28020P NICKEL TOTAL RECOVERABLE	56301P BARIUM EXTRBLE.	56020P BARIUM TOTAL RECOVERABLE
			V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-01-14	1500	1	L.001	--	L.002	--	--	L.05	--
80-04-08	1840	1	--	.002	--	--	--	--	L.05
80-05-16	2200	1	--	.002	--	.002	.002	--	L.05
80-06-15	1340	1	--	L.001	--	.004	.007	--	L.05
80-08-05	2030	1	--	L.001	--	L.002	L.002	--	L.05
80-09-18	1515	1	--	L.001	--	L.002	L.002	--	L.05
80-10-25	1600	1	--	L.001	--	L.002	.004	--	L.05
80-11-26	1800	1	--	L.001	--	L.002	L.002	--	L.05
81-04-09	1450	1	--	L.001	--	.004	--	--	L.05
81-05-09	1520	1	--	L.001	--	.005	--	--	L.05
81-07-02	1400	1	--	L.001	--	L.002	.004	--	L.05
81-08-18	1400	1	--	L.001	--	L.002	L.002	--	L.05
81-11-11	1100	1	--	L.001	--	L.002	L.002	--	L.05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	48302P CADMIUM EXTRBLE.	48020P CADMIUM TOTAL RECOVERABLE	80011P MERCURY TOTAL
			CD MG/L	CD MG/L	HG UG/L
80-01-14	1500	1	L.001	--	.05
80-04-08	1840	1	--	--	.03
80-05-16	2200	1	--	L.001	L.02
80-06-15	1340	1	--	L.001	.03
80-08-05	2030	1	--	L.001	L.02
80-09-18	1515	1	--	L.001	L.02
80-10-25	1600	1	--	L.001	L.02
80-11-26	1800	1	--	L.001	L.02
81-04-09	1450	1	--	L.001	--
81-05-09	1520	1	--	.002	--
81-07-02	1400	1	--	L.001	--
81-08-18	1400	1	--	L.001	--
81-11-11	1100	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NW10JC0001

GREAT BEAR RIVER AT OUTLET OF GREAT

BEAR LAKE NEAR FORT FRANKLIN,

LAT. 65D 8M 8S LONG. 123D 30M 50S
NORTHWEST TERRITORIES

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-02-28	1300	1	0.0	21.3	--	206.	7.6	7.7	.3	10.
80-04-08	1340	1	0.0	20.1	--	200.	--	7.8	1.2	5.
80-05-08	1450	1	3.0	17.9	151.	167.	7.6	7.8	.3	5.
80-06-15	1900	1	8.0	18.7	110.	132.	7.7	7.7	.6	5.
80-08-06	1220	1	8.0	21.6	185.	169.	--	7.9	.3	5.
80-09-15	1700	1	6.0	19.8	164.	179.	--	7.7	28.0	40.
80-10-25	1130	1	0.0	18.4	145.	170.	--	7.9	6.0	30.
80-11-26	1330	1	0.0	22.0	--	125.	--	7.8	.5	30.
81-02-14	1315	1	0.0	20.6	--	194.	--	7.9	.3	5.
81-04-10	1025	1	0.0	22.6	--	189.	--	8.2	.5	--
81-05-09	1035	1	--	19.6	--	178.	--	7.8	.3	--
81-07-02	1025	1	4.0	22.9	--	146.	--	7.6	.5	--
81-08-18	0930	1	9.5	23.2	160.	164.	7.5	8.0	.9	--
81-11-10	1100	1	0.0	16.4	180.	165.	--	7.8	2.5	--

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
			REL. UNITS	CO3 MG/L	CACO3 MG/L	HC03 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
80-02-28	1300	1	--	0.	0.0	76.	62.0 06L	19.00	8.8	83.7
80-04-08	1340	1	--	0.	0.0	73.	60.0	17.10	7.8	74.8
80-05-08	1450	1	--	0.	0.0	72.	59.0	17.10	7.5	73.6
80-06-15	1900	1	--	0.	0.0	52.	43.0	13.00	5.6	55.5
80-08-06	1220	1	--	0.	0.0	66.	54.0	16.10	6.9	68.6
80-09-15	1700	1	--	0.	0.0	74.	61.0	19.20	8.5	82.9
80-10-25	1130	1	--	0.	0.0	72.	59.0	17.50	6.7	71.3
80-11-26	1330	1	--	0.	0.0	56.	46.0	13.40	5.6	56.5
81-02-14	1315	1	--	0.	0.0	74.	61.0	18.30	7.3	75.8
81-04-10	1025	1	10.	0.	0.0	73.	60.0	18.50	9.0	83.3
81-05-09	1035	1	5.	0.	0.0	70.	57.0	17.60	7.4	74.4
81-07-02	1025	1	5.	0.	0.0	57.	47.0	13.30	5.9	57.5
81-08-18	0930	1	10.	0.	0.0	66.	54.0	16.30	7.1	69.9
81-11-10	1100	1	5.	0.	0.0	71.	58.0	17.80	7.7	76.2

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
			MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L
80-02-28	1300	1	--	--	4.7	--	--	.11	16.	2.9
80-04-08	1340	1	L1.	89.	4.4	.8	5.3	.09	15.	2.9
80-05-08	1450	1	2.	88.	4.3	.7	4.9	.08	15.	2.8
80-06-15	1900	1	L1.	66.	3.2	.6	3.9	.08	12.	1.8
80-08-06	1220	1	3. 01R	81.	4.2	.7	4.9	.07	13.	2.6
80-09-15	1700	1	183.	89.	3.1	.6	4.1	.08	14.	2.5
80-10-25	1130	1	20.	86.	3.8	.8	4.8	.09	14.	2.5
80-11-26	1330	1	1.	62.	2.0	.9	2.3	.09	9.	1.5
81-02-14	1315	1	L1.	92.	4.2	.8	5.6	.08	16.	2.8
81-04-10	1025	1	1.	94.	4.8	.8	5.5	L.05	16.	2.9
81-05-09	1035	1	L1.	87.	4.3	.8	5.3	L.05	15.	2.7
81-07-02	1025	1	2.	70.	3.7	1.0	4.6	.10	11.	2.1
81-08-18	0930	1	2.	80.	3.8	.7	4.8	.08	13.	2.3
81-11-10	1100	1	9.	88.	4.2	.7	5.2	L.05	15.	2.8

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	06152L CARBON DISSOLVED INORGANIC	06104L CARBON DISSOLVED ORGANIC	06902L CARBON ORGANIC PARTICUL.	07110L NITROGEN DISSOLVED NO3 & NO2	07651L NITROGEN DISSOLVED	07902L NITROGEN PARTICUL.	07603L NITROGEN TOTAL (CALCD.)	15103L PHOSPHORUS TOTAL DISSOLVED
			C MG/L	C MG/L	C MG/L	N MG/L	N MG/L	N MG/L	N MG/L	P MG/L
80-02-28	1300	1	11.0	1.0	.06	.21	.28	.02	.30	L.003
80-04-08	1340	1	10.0	2.0	.05	.18	.24	.01	.25	L.003
80-05-08	1450	1	--	2.0	.03	.17	.23	L.01	Q.24	L.003
80-06-15	1900	1	--	2.0	.11	.10	.18	.03	.21	L.003
80-08-06	1220	1	--	2.0 04R	.17 02R	.14 10R	.18 51R	.02 02R	.20	L.003 03R
80-09-15	1700	1	--	5.0	.71	.08	.27	.37	.64	.004
80-10-25	1130	1	--	3.0	.96	.14	.22	.08	.30	L.003
80-11-26	1330	1	--	4.0	.17	.03	.26	.03	.29	L.003
81-02-14	1315	1	--	--	--	--	--	--	--	.026
81-04-10	1025	1	--	--	.06	.16	.25	L.01	Q.26	L.003
81-05-09	1035	1	--	2.0	.05	.17	.23	L.01	Q.24	L.003
81-07-02	1025	1	--	1.8	.15	.13	.28	.02	.30	L.003
81-08-18	0930	1	--	1.3	.19	.12	.18	.03	.21	L.003
81-11-10	1100	1	--	1.7	.54	.15	.21	.04	.25	L.003

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NM10JC0001

LAT. 65D 8M 85 LONG. 123D 30M 50S
NORTHWEST TERRITORIES

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE NEAR FORT FRANKLIN,

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
			PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.
			P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-02-28	1300	1	L.003	Q0.000	.06	L.0005	L.0005	L.01	--	.10
80-04-08	1340	1	.003	Q0.000	.03	L.0005	L.0005	--	L.01	--
80-05-08	1450	1	.010	Q.007	.03	L.0005	L.0005	--	L.01	--
80-06-15	1900	1	.003	Q0.000	L.02	L.0005	L.0005	--	--	--
80-08-06	1220	1	L.003 06R	Q0.000	--	--	--	--	--	--
80-09-15	1700	1	.070	.066	.04	L.0005	L.0005	.15	--	2.00
80-10-25	1130	1	.011	Q.008	.04	L.0005	L.0005	.02	--	.22
80-11-26	1330	1	.003	Q0.000	.03	L.0005	L.0005	L.01	--	.05
81-02-14	1315	1	--	--	.04	L.0005	L.0005	L.01	--	.05
81-04-10	1025	1	.006	Q.003	.04	L.0005	.0005	L.01	--	L.04
81-05-09	1035	1	L.003	Q0.000	.03	L.0005	L.0005	L.01	--	.32
81-07-02	1025	1	.015	Q.012	.06	L.0005	L.0005	L.01	--	.06
81-08-18	0930	1	--	--	.02	L.0005	L.0005	L.01	--	L.04
81-11-10	1100	1	.027	Q.024	.04	L.0005	L.0005	L.01	--	.11

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
			IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL RECOVERABLE CU MG/L	LEAD EXTRBLE. PB MG/L	LEAD TOTAL RECOVERABLE PB MG/L	ZINC EXTRBLE. ZN MG/L	ZINC TOTAL RECOVERABLE ZN MG/L
80-02-28	1300	1	--	.001	--	L.004	--	.005	--
80-04-08	1340	1	--	--	.004	--	L.004	--	.003
80-05-08	1450	1	--	--	.001	--	L.004	--	.005
80-06-15	1900	1	--	--	.001	--	L.004	--	.008
80-08-06	1220	1	--	--	.001 20W	--	L.004 20W	--	.001 20W
80-09-15	1700	1	--	--	.004	--	L.004	--	.014
80-10-25	1130	1	--	--	.002	--	L.004	--	.005
80-11-26	1330	1	--	--	.001	--	L.004	--	.004
81-02-14	1315	1	--	--	.004	--	L.004	--	.009
81-04-10	1025	1	--	--	.001	--	L.004	--	--
81-05-09	1035	1	--	--	.002	--	L.004	--	--
81-07-02	1025	1	--	--	.002	--	L.004	--	L.001
81-08-18	0930	1	--	--	.002	--	.013	--	.013
81-11-10	1100	1	--	--	.001	--	L.004	--	L.001

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NM10JC0001

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE NEAR FORT FRANKLIN,

LAT. 65D 8M 8S LONG. 123D 30M 50S
NORTHWEST TERRITORIES

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIUM EXTRBLE.	BARIUM TOTAL RECOVERABLE
			V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-02-28	1300	1	L.001	--	L.002	--	--	L.05	--
80-04-08	1340	1	--	.006	--	--	--	--	L.05
80-05-08	1450	1	--	L.001	--	L.002	L.002	--	L.05
80-06-15	1900	1	--	L.001	--	.003	.003	--	.05
80-08-06	1220	1	--	L.001 20W	--	L.002 20W	--	--	L.05 20W
80-09-15	1700	1	--	.007	--	L.002	.005	--	L.05
80-10-25	1130	1	--	L.001	--	L.002	.003	--	L.05
80-11-26	1330	1	--	L.001	--	L.002	L.002	--	L.05
81-02-14	1315	1	--	L.001	--	L.002	.003	--	L.05
81-04-10	1025	1	--	L.001	--	.004	--	--	L.05
81-05-09	1035	1	--	L.001	--	L.002	--	--	L.05
81-07-02	1025	1	--	L.001	--	L.002	.003	--	L.05
81-08-18	0930	1	--	L.001	--	L.002	L.002	--	L.05
81-11-10	1100	1	--	L.001	--	L.002	.002	--	L.05

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
			CD MG/L	CD MG/L	HG UG/L
80-02-28	1300	1	L.001	--	--
80-04-08	1340	1	--	--	L.02
80-05-08	1450	1	--	L.001	.02
80-06-15	1900	1	--	L.001	.02
80-08-06	1220	1	--	L.001 20W	L.02 11W
80-09-15	1700	1	--	L.001	L.02
80-10-25	1130	1	--	L.001	L.02
80-11-26	1330	1	--	L.001	L.02
81-02-14	1315	1	--	L.001	L.02
81-04-10	1025	1	--	L.001	--
81-05-09	1035	1	--	L.001	--
81-07-02	1025	1	--	L.001	--
81-08-18	0930	1	--	L.001	--
81-11-10	1100	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NH10KA0001

MACKENZIE RIVER AT NORMAN WELLS,

NORTHWEST TERRITORIES

LAT. 65D 16M 54S LONG. 126D 50M 57S

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-02-28	1606	1	0.0	21.7	200.	244.	--	7.8	3.6	10.
80-04-10	1710	1	0.0	20.5	--	256.	--	7.9	1.6	5.
80-05-21	2100	1	10.0	21.9	245.	266.	7.7	8.0	65.0	80.
80-06-18	2100	1	15.0	21.0	190.	246.	8.0	8.0	140.0	160.
80-07-28	1630	1	15.0	22.0	200.	254.	--	8.1	235.0	400.
80-09-17	1130	1	7.0	21.0	225.	273.	--	8.1	26.0	40.
80-10-27	1330	1	3.0	18.0	210.	264.	--	8.0	14.0	--
80-12-01	1300	1	0.0	22.0	220.	290.	--	8.1	4.0	20.
81-01-06	1320	1	0.0	18.9	225.	245.	--	8.0	1.4	10.
81-02-14	1800	1	0.0	20.9	--	247.	--	7.9	1.0	5.
81-04-07	1110	1	0.0	20.5	360.	354.	8.4	7.9	3.5	--
81-05-13	0945	1	2.0	18.2	--	252.	--	7.8	115.0	--
81-07-05	1245	1	15.0	23.1	250.	247.	7.9	8.1	28.0	--
81-08-20	1200	1	18.0	22.7	280.	264.	--	8.2	.7	--
81-10-15	0840	1	3.0	21.0	245.	265.	--	8.0	16.0	--
81-11-16	1130	1	0.0	14.3	280.	258.	--	7.8	4.0	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PHTHALEIN	HC03	CAC03	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CAC03
										MG/L
80-02-28	1606	1	--	0.	0.0	168.	138.0	26.80	9.1	104.4
80-04-10	1710	1	--	0.	0.0	91.	75.0	23.90	8.3	93.9
80-05-21	2100	1	--	0.	0.0	102.	84.0	32.00	8.6	115.3
80-06-18	2100	1	--	0.	0.0	93.	76.0	29.50	6.9	102.1
80-07-28	1630	1	--	0.	0.0	102.	84.0	29.90	8.3	108.8
80-09-17	1130	1	--	0.	0.0	104.	85.0	31.50	9.4	117.4
80-10-27	1330	1	--	0.	0.0	102.	84.0	28.90	8.0	105.1
80-12-01	1300	1	--	0.	0.0	99.	81.0	28.80	9.7	111.9
81-01-06	1320	1	--	0.	0.0	90.	74.0	25.00	9.2	100.3
81-02-14	1800	1	--	0.	0.0	87.	71.0	23.80	8.1	92.8
81-04-07	1110	1	20.	0.	0.0	132.	108.0	41.00	11.0	147.7
81-05-13	0945	1	60.	0.	0.0	98.	80.0	31.50	8.0	111.6
81-07-05	1245	1	20.	0.	0.0	98.	80.0	28.50	8.1	104.5
81-08-20	1200	1	10.	0.	0.0	105.	86.0	31.20	8.7	113.7
81-10-15	0840	1	20.	0.	0.0	102.	84.0	30.20	8.9	112.1
81-11-16	1130	1	10.	0.	0.0	94.	77.0	27.70	9.4	107.9

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NM10KA0001

MACKENZIE RIVER AT NORMAN WELLS,

NORTHWEST TERRITORIES

LAT. 65D 16M 54S

LONG. 126D 50M 57S

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	10401L RESIDUE NONFILTR. MG/L	00201L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	11103L SODIUM DISSOLVED NA MG/L	19103L POTASSIUM DISSOLVED K MG/L	17206L CHLORIDE DISSOLVED CL MG/L	09105L FLUORIDE DISSOLVED F MG/L	16306L SULPHATE DISSOLVED S04 MG/L	14105L SILICA REACTIVE SI02 MG/L
80-02-28	1606	1	4.	162.	7.4	1.5	9.1	.09	22.	3.6
80-04-10	1710	1	1.	119.	6.8	.8	8.7	.09	22.	3.6
80-05-21	2100	1	113.	138.	7.9	1.0	8.5	.09	26.	3.5
80-06-18	2100	1	271.	121.	5.8	.8	6.6	.06	22.	3.7
80-07-28	1630	1	345.	131.	5.9	.7	6.5	.09	26.	3.4
80-09-17	1130	1	54.	139.	7.7	.8	9.2	.08	26.	3.3
80-10-27	1330	1	19.	130.	7.1	.8	8.7	.07	23.	3.4
80-12-01	1300	1	10.	138.	9.7	1.0	13.0	.08	24.	3.4
81-01-06	1320	1	L1.	121.	7.7	.8	9.3	.10	21.	3.2
81-02-14	1800	1	1.	118.	7.8	.9	10.0	.10	22.	3.2
81-04-07	1110	1	3.	175.	12.0	1.1	10.0	L.05	32.	4.4
81-05-13	0945	1	132.	134.	7.0	1.2	7.4	.10	27.	3.6
81-07-05	1245	1	67.	126.	6.8	.9	7.1	.09	23.	3.4
81-08-20	1200	1	10.	139.	7.5	.8	9.0	.13	27.	3.3
81-10-15	0840	1	22.	137.	8.4	.8	9.3	.08	26.	3.0
81-11-16	1130	1	9.	134.	9.0	.9	11.0	.06	26.	3.4

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	06152L CARBON DISSOLVED INORGANIC C MG/L	06104L CARBON DISSOLVED ORGANIC C MG/L	06902L CARBON ORGANIC PARTICUL. C MG/L	07110L NITROGEN DISSOLVED NO3 & NO2 N MG/L	07651L NITROGEN DISSOLVED N MG/L	07902L NITROGEN PARTICUL. N MG/L	07603L NITROGEN TOTAL (CALCD.) N MG/L	15103L PHOSPHORUS TOTAL DISSOLVED P MG/L
80-02-28	1606	1	13.0	3.0	.06	.18	.29	.03	.32	L.003
80-04-10	1710	1	12.0	2.0	.14	.18	.24	.02	.26	L.003
80-05-21	2100	1	--	6.0	2.60	.05	.18	.21	.39	.009
80-06-18	2100	1	--	5.0	7.10	--	.14	.38	.52	.007
80-07-28	1630	1	--	4.0	8.10	.04	.19	.59	.78	.014
80-09-17	1130	1	--	4.0	.20	.07	.19	.15	.34	.004
80-10-27	1330	1	--	3.0	.57	.10	.20	.07	.27	L.003
80-12-01	1300	1	--	3.0	.38	.14	.23	.03	.26	L.003
81-01-06	1320	1	--	3.0	.11	.16	.23	.03	.26	L.003
81-02-14	1800	1	--	2.0	.07	.16	.24	.03	.27	L.003
81-04-07	1110	1	--	--	.22	.11	L.01	.04	Q.05	L.003
81-05-13	0945	1	--	8.4	3.40	.08	.31	.32	.63	.013
81-07-05	1245	1	--	4.3	1.70	.05	.20	.13	.33	.003
81-08-20	1200	1	--	2.9	.34	.03	.13	.05	.18	L.003
81-10-15	0840	1	--	4.5	.87	.06	.30	L.01	Q.31	L.003
81-11-16	1130	1	--	3.3	.29	.14	.25	.02	.27	.005

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - DONW10KA0001

MACKENZIE RIVER AT NORMAN WELLS,

NORTHWEST TERRITORIES

LAT. 65D 16M 54S LONG. 126D 50M 57S

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
			PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.
			P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-02-28	1606	1	L.003	Q0.000	.06	L.0005	L.0005	L.01	--	.09
80-03-07	1229	1	--	--	--	--	--	L.01	--	.05
	1230	1	--	--	--	--	--	L.01	--	.05
	1231	1	--	--	--	--	--	L.01	--	.05
80-04-10	1710	1	L.003	Q0.000	.03	L.0005	L.0005	--	L.01	--
80-05-21	2100	1	--	--	.06	L.0005	L.0005	--	L.01	--
80-06-18	2100	1	.260	.253	.04	L.0005	L.0005	--	--	--
80-07-28	1630	1	.300	.286	.06	L.0005	L.0005	--	--	--
80-09-17	1130	1	.039	.035	.04	L.0005	L.0005	.03	--	1.10
80-10-27	1330	1	.015	Q.012	.04	L.0005	L.0005	.01	--	.24
80-12-01	1300	1	.036	Q.033	.06	L.0005	L.0005	.03	--	.86
81-01-06	1320	1	.280	Q.277	.04	L.0005	L.0005	L.01	--	L.04
81-02-14	1800	1	L.003	Q0.000	.06	L.0005	L.0005	--	--	--
81-04-07	1110	1	.003	Q0.000	.06	L.0005	L.0005	L.01	--	.08
81-05-13	0945	1	.130	.117	.10	L.0005	L.0005	.08	--	1.80
81-07-05	1245	1	.069	.066	.04	L.0005	L.0005	.04	--	.93
81-08-20	1200	1	.012	Q.009	.04	L.0005	L.0005	.02	--	.22
81-10-15	0840	1	.023	Q.020	.05	L.0005	L.0005	.01	--	.62
81-11-16	1130	1	.026	.021	.04	L.0005	L.0005	L.01	--	.10

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
			IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL RECOVERABLE	LEAD EXTRBLE.	LEAD TOTAL RECOVERABLE	ZINC EXTRBLE.	ZINC TOTAL RECOVERABLE
			FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-02-28	1606	1	--	.003	--	L.004	--	.006	--
80-03-07	1229	1	--	.001	--	L.004	--	.021	--
	1230	1	--	.001	--	L.004	--	.005	--
	1231	1	--	.001	--	L.004	--	.029	--
80-04-10	1710	1	--	--	.006	--	L.004	--	.018
80-05-21	2100	1	--	--	.006	--	L.004	--	.024
80-06-18	2100	1	--	--	.009	--	L.004	--	.044
80-07-28	1630	1	--	--	.012	--	L.004	--	.049
80-09-17	1130	1	--	--	.001	--	L.004	--	.012
80-10-27	1330	1	--	--	.002	--	L.004	--	.004
80-12-01	1300	1	--	--	L.001	--	L.004	--	.003
81-01-06	1320	1	--	--	L.001	--	L.004	--	.008
81-04-07	1110	1	--	--	.004	--	L.004	--	--
81-05-13	0945	1	--	--	.007	--	.004	--	--
81-07-05	1245	1	--	--	.024	--	L.004	--	.024
81-08-20	1200	1	--	--	L.001	--	L.004	--	.016
81-10-15	0840	1	--	--	.002	--	L.004	--	.009
81-11-16	1130	1	--	--	.001	--	L.004	--	L.001

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NM10KA0001

MACKENZIE RIVER AT NORMAN WELLS,

NORTHWEST TERRITORIES

LAT. 65D 16M 54S

LONG. 126D 50M 57S

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIUM EXTRBLE.	BARIUM TOTAL RECOVERABLE
			V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-02-28	1606	1	L.001	--	L.002	--	--	L.05	--
80-03-07	1229	1	L.001	--	L.002	--	--	L.05	--
	1230	1	L.001	--	L.002	--	--	L.05	--
	1231	1	L.001	--	L.002	--	--	L.05	--
80-04-10	1710	1	--	.009	--	--	--	--	L.05
80-05-21	2100	1	--	L.001	--	.006	.012	--	.11
80-06-18	2100	1	--	.012	--	.008	.016	--	.15
80-07-28	1630	1	--	.005	--	.007	.018	--	.13
80-09-17	1130	1	--	.003	--	L.002	.002	--	.05
80-10-27	1330	1	--	.001	--	L.002	.005	--	.05
80-12-01	1300	1	--	L.001	--	L.002	L.002	--	.05
81-01-06	1320	1	--	.004	--	.005	.005	--	.05
81-04-07	1110	1	--	L.001	--	L.002	--	--	.09
81-05-13	0945	1	--	.001	--	.004	--	--	.19
81-07-05	1245	1	--	L.001	--	L.002	.007	--	.09
81-08-20	1200	1	--	.001	--	L.002	L.002	--	.06
81-10-15	0840	1	--	L.001	--	L.002	L.002	--	.05
81-11-16	1130	1	--	L.001	--	L.002	.002	--	.05

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
			CD MG/L	CD MG/L	HG UG/L
80-02-28	1606	1	L.001	--	--
80-03-07	1229	1	L.001	--	--
	1230	1	L.001	--	--
	1231	1	L.001	--	--
80-04-10	1710	1	--	--	.02
80-05-21	2100	1	--	L.001	.03
80-06-18	2100	1	--	L.001	.02
80-07-28	1630	1	--	L.001	.08
80-09-17	1130	1	--	L.001	L.02
80-10-27	1330	1	--	L.001	L.02
80-12-01	1300	1	--	L.001	.02
81-01-06	1320	1	--	.001	L.02
81-04-07	1110	1	--	L.001	--
81-05-13	0945	1	--	L.001	--
81-07-05	1245	1	--	L.001	--
81-08-20	1200	1	--	.001	--
81-10-15	0840	1	--	L.001	--
81-11-16	1130	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NH10LA0003

MACKENZIE RIVER ABOVE ARCTIC RED RIVER NORTHWEST TERRITORIES

LAT. 67D 21M 29S LONG. 133D 33M 29S

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-23	1245	1	0.0	21.0	350.	367.	--	7.9	3.5	10.
80-05-15	1700	1	1.0	19.0	210.	240.	7.7	7.9	45.0	80.
80-06-09	1600	1	13.0	20.5	230.	259.	8.0	8.0	26.0	50.
80-07-10	1615	1	18.0	21.2	260.	274.	7.8	8.1	116.0	110.
80-07-28	1555	1	15.0	22.1	260.	270.	8.1	8.0	170.0	200.
80-08-12	1530	1	17.0	19.6	230.	271.	--	8.0	120.0	150.
80-09-16	1340	1	8.0	23.0	275.	302.	8.1	8.2	22.0	60.
80-10-21	1650	1	0.0	18.9	250.	295.	--	8.1	27.0	60.
80-12-18	1400	1	0.0	23.2	--	401.	--	7.9	5.6	50.
81-02-26	1840	1	0.0	22.4	310.	358.	7.6	7.9	6.8	10.
81-03-26	1600	1	0.0	18.4	310.	354.	7.6	7.8	4.4	--
81-04-22	1540	1	0.0	19.1	--	348.	--	8.0	3.2	--
81-05-20	1200	1	1.0	21.4	220.	236.	7.9	7.8	190.0	--
81-06-25	1430	1	14.0	20.4	220.	251.	7.7	8.0	52.0	--
81-07-23	1200	1	17.0	20.5	210.	273.	--	8.1	31.0	--
81-08-25	1715	1	16.0	20.9	250.	291.	8.1	8.2	23.0	--
81-10-27	1100	1	0.0	22.9	240.	301.	7.6	8.0	17.0	--
81-12-07	1201	1	0.0	21.6	--	319.	--	7.9	64.0	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	CACO3	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CACO3
										MG/L
80-01-23	1245	1	--	0.	0.0	137.	112.0	43.40	10.8	152.8
80-05-15	1700	1	--	0.	0.0	90.	74.0	29.10	7.8	104.8
80-06-09	1600	1	--	0.	0.0	96.	79.0	30.20	7.9	107.9
80-07-10	1615	1	--	0.	0.0	106.	87.0	32.50	8.3	115.3
80-07-28	1555	1	--	0.	0.0	110.	90.0	34.30	8.8	121.9
80-08-12	1530	1	--	0.	0.0	106.	87.0	34.40	9.6	125.4
80-09-16	1340	1	--	0.	0.0	116.	95.0	36.00	9.9	130.7
80-10-21	1650	1	--	0.	0.0	115.	94.0	34.80	9.0	124.0
80-12-18	1400	1	--	0.	0.0	128.	105.0	42.80	11.5	154.2
81-02-26	1840	1	--	0.	0.0	128.	105.0	41.00	10.6	146.0
81-03-26	1600	1	10.	0.	0.0	123.	101.0	39.50	9.8	139.0
81-04-22	1540	1	10.	0.	0.0	123.	101.0	41.00	11.5	149.7
81-05-20	1200	1	80.	0.	0.0	89.	73.0	31.40	4.2	95.7
81-06-25	1430	1	20.	0.	0.0	102.	84.0	31.40	7.8	110.5
81-07-23	1200	1	20.	0.	0.0	106.	87.0	34.00	8.6	120.3
81-08-25	1715	1	10.	0.	0.0	115.	94.0	35.80	8.9	126.0
81-10-27	1100	1	20.	0.	0.0	116.	95.0	37.50	9.9	134.4
81-12-07	1201	1	20.	0.	0.0	123.	101.0	41.10	10.3	145.0

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM10LA0003
MACKENZIE RIVER ABOVE ARCTIC RED RIVER NORTHWEST TERRITORIES

LAT. 67D 21M 29S LONG. 133D 33M 29S

DATE	TIME/	SUB-ID/	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L
80-01-23	1245	1	5.	188.	12.0	1.2	13.0	.14	36.	4.6
80-05-15	1700	1	--	110.	2.1	.9	2.3	.08	22.	1.4
80-06-09	1600	1	60.	128.	6.8	.9	7.4	.08	24.	3.3
80-07-10	1615	1	97.	139.	6.0	.8	7.1	.10	28.	3.6
80-07-28	1555	1	393.	139.	5.5	.7	5.5	.09	26.	3.7
80-08-12	1530	1	205. 01R	--	--	--	--	.09	--	--
80-09-16	1340	1	51.	156.	7.4	.8	8.6	.10	32.	3.8
80-10-21	1650	1	43.	149.	6.4	.7	7.3	.10	30.	4.0
80-12-18	1400	1	3.	197.	14.0	1.0	19.0	.11	42.	4.1
81-02-26	1840	1	11.	177.	9.0	1.1	14.0	.12	34.	4.6
81-03-26	1600	1	7.	175.	12.0	1.1	16.0	.10	31.	4.8
81-04-22	1540	1	6.	179.	13.0	1.2	14.0	.12	34.	4.0
81-05-20	1200	1	550.	122.	6.0	1.5	5.9	.13	26.	3.2
81-06-25	1430	1	168.	129.	6.1	.9	5.9	.10	23.	3.9
81-07-23	1200	1	59.	141.	6.3	.7	7.0	.09	28.	3.7
81-08-25	1715	1	33.	151.	7.3	.9	8.7	.10	29.	3.5
81-10-27	1100	1	35.	159.	8.4	.9	9.8	.13	32.	3.4
81-12-07	1201	1	126.	179.	11.0	1.0	13.0	.08	38.	4.3

DATE	TIME/	SUB-ID/	06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-23	1245	1	23.0	4.0	.14	.15	.27	.04	.31	L.003
80-05-15	1700	1	--	8.0	3.50	.08	.27	--	--	.016
80-06-09	1600	1	--	5.0	1.50	.04	.18	.12	.30	.004
80-07-10	1615	1	--	4.0	2.80	.04	.15	.26	.41	.003
80-07-28	1555	1	--	4.0	8.20	.06	.18	.57	.75	.007
80-08-12	1530	1	--	5.0 04R	4.00 02R	--	--	.51 02R	--	--
80-09-16	1340	1	--	3.0	1.50	.03	.15	.14	.29	L.003
80-10-21	1650	1	--	4.0	1.30	.05	.18	.10	.28	.004
80-12-18	1400	1	--	3.0	.20	.09	.20	.02	.22	L.003
81-02-26	1840	1	--	4.0	.90	.12	.24	.07	.31	L.003
81-03-26	1600	1	--	--	.28	.14	.26	.04	.30	.004
81-04-22	1540	1	--	--	.23	.12	.24	.04	.28	L.003
81-05-20	1200	1	--	11.0	13.60	.06	.37	.81	1.18	.027
81-06-25	1430	1	--	5.7	3.90	.05	.16	.22	.38	.006
81-07-23	1200	1	--	3.6	1.50	.03	--	.11	--	.006
81-08-25	1715	1	--	2.7	.58	.02	.14	.11	.25	.003
81-10-27	1100	1	--	4.6	1.50	.05	.19	.11	.30	.007
81-12-07	1201	1	--	4.6	1.70	.11	.21	.15	.36	L.003

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NH10LA0003

MACKENZIE RIVER ABOVE ARCTIC RED RIVER NORTHWEST TERRITORIES

LAT. 67D 21M 29S LONG. 133D 33M 29S

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
			PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.
			P MG/L	P MG/L	B MG/L	AS MG/L	SE MG/L	MN MG/L	MN MG/L	FE MG/L
80-01-23	1245	1	.015	Q.012	.06	L.0005	L.0005	L.01	--	.10
80-05-15	1700	1	.100	.084	.06	L.0005	L.0005	--	L.01	--
80-06-09	1600	1	.039	.035	.06	L.0005	L.0005	--	L.01	--
80-07-10	1615	1	.110	.107	.04	L.0005	.0005	--	--	--
80-07-28	1555	1	.270	.263	.07	L.0005	L.0005	--	--	--
80-09-16	1340	1	.035	Q.032	.06	L.0005	L.0005	--	--	--
80-10-21	1650	1	.042	.038	.06	L.0005	L.0005	.03	--	.61
80-12-18	1400	1	.004	Q.001	.06	L.0005	L.0005	--	L.01	--
81-02-26	1840	1	.005	Q.002	.06	L.0005	L.0005	--	--	--
81-03-28	1600	1	.033	.029	.06	L.0005	L.0005	.01	--	.18
81-04-22	1540	1	.008	Q.005	.06	L.0005	L.0005	L.01	--	.13
81-05-20	1200	1	.480	.453	.14	.0006	.0012	.25	--	4.70
81-06-25	1430	1	.094	.088	.05	L.0005	L.0005	.06	--	1.40
81-07-23	1200	1	--	--	.04	L.0005	L.0005	.04	--	1.20
81-08-25	1715	1	.026	.023	.04	L.0005	L.0005	.02	--	.38
81-10-27	1100	1	.040	.033	.05	L.0005	L.0005	.02	--	.53
81-12-07	1201	1	.078	Q.075	.05	L.0005	L.0005	.08	--	.93

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
			IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL RECOVERABLE	LEAD EXTRBLE.	LEAD TOTAL RECOVERABLE	ZINC EXTRBLE.	ZINC TOTAL RECOVERABLE
			FE MG/L	CU MG/L	CU MG/L	PB MG/L	PB MG/L	ZN MG/L	ZN MG/L
80-01-23	1245	1	--	.002	--	.006	--	.003	--
80-05-15	1700	1	--	--	.007	--	.004	--	.028
80-06-09	1600	1	--	--	.004	--	L.004	--	.012
80-07-10	1615	1	--	--	.006	--	L.004	--	.021
80-07-28	1555	1	--	--	.008	--	.005	--	.037
80-09-16	1340	1	--	--	.003	--	L.004	--	.008
80-10-21	1650	1	--	--	.002	--	L.004	--	.009
80-12-18	1400	1	--	--	.002	--	.006	--	.004
81-02-26	1840	1	--	--	.002	--	L.004	--	.008
81-03-26	1600	1	--	--	.002	--	L.004	--	.002
81-04-22	1540	1	--	--	.006	--	L.004	--	--
81-05-20	1200	1	--	--	.003	--	L.004	--	--
81-06-25	1430	1	--	--	.005	--	L.004	--	.014
81-07-23	1200	1	--	--	.005	--	L.004	--	.006
81-08-25	1715	1	--	--	L.001	--	L.004	--	.005
81-10-27	1100	1	--	--	.002	--	L.004	--	.006
81-12-07	1201	1	--	--	.006	--	L.004	--	.002

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM1OLA0003

LAT. 67D 21M 29S LONG. 133D 33M 29S

MACKENZIE RIVER ABOVE ARCTIC RED RIVER NORTHWEST TERRITORIES

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIIUM EXTRBLE.	BARIIUM TOTAL RECOVERABLE
			V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-01-23	1245	1	L.001	--	.004	--	--	.05	--
80-05-15	1700	1	--	.002	--	.003	.009	--	.08
80-06-09	1600	1	--	.003	--	.002	.008	--	.08
80-07-10	1615	1	--	.005	--	.006	.009	--	.10
80-07-28	1555	1	--	.023	--	.002	.008	--	.13
80-09-16	1340	1	--	.003	--	L.002	.008	--	.05
80-10-21	1650	1	--	.003	--	L.002	L.002	--	.07
80-12-18	1400	1	--	L.001	--	.004	.006	--	.07
81-02-26	1840	1	--	.001	--	.006	.007	--	.11
81-03-26	1600	1	--	L.001	--	L.002	.004	--	L.05
81-04-22	1540	1	--	L.001	--	L.002	--	--	.11
81-05-20	1200	1	--	.002	--	.003	--	--	.19
81-06-25	1430	1	--	.007	--	L.002	.008	--	.13
81-07-23	1200	1	--	.002	--	L.002	L.002	--	.07
81-08-25	1715	1	--	.002	--	L.002	L.002	--	.07
81-10-27	1100	1	--	L.001	--	L.002	L.002	--	.06
81-12-07	1201	1	--	.007	--	L.002	.020	--	.10

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
			CD MG/L	CD MG/L	HG UG/L
80-01-23	1245	1	.001	--	.03
80-05-15	1700	1	--	L.001	.03
80-06-09	1600	1	--	L.001	.02
80-07-10	1615	1	--	L.001	L.02
80-07-28	1555	1	--	L.001	.03
80-08-12	1530	1	--	--	.03 11W
80-09-16	1340	1	--	L.001	.03
80-10-21	1650	1	--	.001	.02
80-12-18	1400	1	--	.001	L.02
81-02-26	1840	1	--	.001	.11
81-03-26	1600	1	--	L.001	--
81-04-22	1540	1	--	L.001	--
81-05-20	1200	1	--	L.001	--
81-06-25	1430	1	--	L.001	--
81-07-23	1200	1	--	L.001	--
81-08-25	1715	1	--	L.001	--
81-10-27	1100	1	--	L.001	--
81-12-07	1201	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00N10MCO001
PEEL RIVER ABOVE FORT MCPHERSON,

NORTHWEST TERRITORIES

LAT. 67D 13M 14S LONG. 134D 56M 44S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-23	1400	1	0.0	21.1	395.	436.	7.5	7.8	1.5	15.
80-07-09	1300	1	16.0	20.9	300.	314.	8.1	8.0	124.0	100.
80-08-12	1215	1	16.0	19.2	310.	353.	--	8.0	34.0	60.
80-09-16	1600	1	7.0	23.0	340.	374.	8.3	8.1	11.0	50.
80-10-21	1500	1	0.0	18.5	340.	400.	--	8.1	2.7	20.
80-12-18	1530	1	0.0	23.2	400.	445.	--	7.9	1.7	40.
81-02-26	1520	1	0.0	22.3	395.	436.	7.5	8.0	1.0	5.
81-03-26	1255	1	0.0	18.2	390.	417.	7.5	7.8	1.2	--
81-04-22	1330	1	0.0	20.0	--	418.	7.5	7.8	1.0	--
81-07-08	1000	1	12.0	21.4	220.	267.	7.5	8.1	8.8	--
81-08-11	1632	1	15.0	24.6	320.	363.	7.6	8.0	53.0	--
81-09-21	1325	1	8.0	22.5	310.	378.	7.8	8.1	12.0	--
81-12-07	1310	1	0.0	21.4	--	407.	--	7.9	1.3	--

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
			REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
80-01-23	1400	1	--	0.	0.0	191.	157.0 06L	55.50	17.0	208.6
80-07-09	1300	1	--	0.	0.0	130.	107.0	38.80	12.0	146.3
80-08-12	1215	1	--	0.	0.0	139.	114.0	44.20	14.8	171.3
80-09-16	1600	1	--	0.	0.0	146.	120.0	45.40	15.3	176.4
80-10-21	1500	1	--	0.	0.0	162.	133.0	48.10	15.6	184.3
80-12-18	1530	1	--	0.	0.0	193.	158.0	57.00	17.8	215.6
81-02-26	1520	1	--	0.	0.0	187.	153.0	52.70	16.8	200.8
81-03-26	1255	1	5.	0.	0.0	180.	148.0	48.90	16.0	188.0
81-04-22	1330	1	10.	0.	0.0	182.	149.0	52.50	18.0	205.2
81-07-08	1000	1	60.	0.	0.0	109.	89.0	33.30	9.9	123.9
81-08-11	1632	1	20.	0.	0.0	143.	117.0	44.80	14.9	173.2
81-09-21	1325	1	10.	0.	0.0	150.	123.0	46.80	15.7	181.5
81-12-07	1310	1	10.	0.	0.0	185.	152.0	56.10	11.9	189.1

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
			MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	SI02 MG/L
80-01-23	1400	1	2.	227.	5.3	.7	4.1	.06	46.	4.2
80-07-09	1300	1	132.	159.	2.9	.5	1.6	.10	36.	3.4
80-08-12	1215	1	64.	186.	4.0	.6	1.7	.07	48.	3.8
80-09-16	1600	1	30.	200.	4.7	.5	2.0	.08	57.	3.2
80-10-21	1500	1	3.	202.	3.9	.4	2.5	.08	49.	3.1
80-12-18	1530	1	1.	234.	5.3	.5	3.7	.08	51.	4.2
81-02-26	1520	1	2.	219.	4.2	.5	4.5	.10	44.	4.6
81-03-26	1255	1	4.	208.	4.7	.6	4.3	.09	40.	4.3
81-04-22	1330	1	8.	214.	5.1	.5	4.2	.10	40.	4.0
81-07-08	1000	1	206.	140.	2.6	.5	1.2	.07	36.	3.2
81-08-11	1632	1	85.	192.	4.5	.5	1.6	.07	52.	3.7
81-09-21	1325	1	17. 01R	200.	4.3	.4	2.1	.06	54.	3.0
81-12-07	1310	1	3.	226.	5.1	.5	3.5	.07	54.	4.1

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-23	1400	1	33.0	1.0	.06	.20	.19	.02	.21	L.003
80-07-09	1300	1	--	3.0	3.40	.05	.13	.30	.43	.080
80-08-12	1215	1	--	4.0	2.30	.10	.14	.18	.32	.009
80-09-16	1600	1	--	3.0	.88	.06	.17	.10	.27	L.003
80-10-21	1500	1	--	2.0	.18	.10	.19	.04	.23	L.003
80-12-18	1530	1	--	2.0	.12	.14	.20	L.01	Q.21	.006
81-02-26	1520	1	--	1.0	.10	.16	.23	.02	.25	L.003
81-03-26	1255	1	--	--	.19	.18	.20	.03	.23	L.003
81-04-22	1330	1	--	--	.18	.16	.18	.03	.21	.003
81-07-08	1000	1	--	5.5	5.10	.19	.35	.37	.72	.005
81-08-11	1632	1	--	3.4	1.90	.09	.79	.17	.96	.007
81-09-21	1325	1	--	2.0 04R	.61 02R	.07 10R	.15 51R	.05 02R	.20	L.003 03R
81-12-07	1310	1	--	2.5	.13	.08	.22	L.01	Q.23	L.003

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00N10MCO001

PEEL RIVER ABOVE FORT MCPHERSON.

NORTHWEST TERRITORIES

LAT. 67D 13M 14S

LONG. 134D 56M 44S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P	
				PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.	
				P	P	B	AS	SE	MN	MN	FE	
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
80-01-23	1400	1		.008	Q.005	.03	L.0005	.0007	.01	--	.11	
80-07-09	1300	1		.150	.070	.03	.0005	L.0005	--	--	--	
80-08-12	1215	1		.098	.089	.04	L.0005	.0005	--	--	--	
80-09-16	1600	1		.022	Q.019	.06	L.0005	.0005	--	--	--	
80-10-21	1500	1		.011	Q.008	.04	L.0005	.0005	.04	--	.17	
80-12-18	1530	1		.008	.002	.06	L.0005	L.0005	--	.02	--	
81-02-26	1520	1		.015	Q.012	.06	L.0005	L.0005	--	--	--	
81-03-26	1255	1		.005	Q.002	.04	L.0005	L.0005	.01	--	.12	
81-04-22	1330	1		.012	.009	.04	L.0005	.0007	.02	--	.13	
81-07-08	1000	1		.110	.105	.07	L.0005	L.0005	.11	--	4.70	
81-08-11	1632	1		.092	.085	.05	L.0005	L.0005	.04	--	2.10	
81-09-21	1325	1		.380	Q.377	.04	L.0005	.0006	.02	.04W	.56	.04W
81-12-07	1310	1		.008	Q.005	.04	L.0005	L.0005	.02	--	.21	

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	26104P	29305P	29202P	82302P	82020P	30305P	30020P	
				IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL	LEAD EXTRBLE.	LEAD TOTAL	ZINC EXTRBLE.	ZINC TOTAL	
				FE	CU	RECOVERABLE CU	PB	RECOVERABLE PB	ZN	RECOVERABLE ZN	
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
80-01-23	1400	1		--	.001	--	L.004	--	.003	--	
80-07-09	1300	1		--	--	.006	--	L.004	--	.029	
80-08-12	1215	1		--	--	.004	--	L.004	--	.015	
80-09-16	1600	1		--	--	.004	--	L.004	--	.015	
80-10-21	1500	1		--	--	.002	--	L.004	--	.008	
80-12-18	1530	1		--	--	.002	--	L.004	--	.004	
81-02-26	1520	1		--	--	.002	--	L.004	--	.008	
81-03-26	1255	1		--	--	.002	--	L.004	--	.003	
81-04-22	1330	1		--	--	.004	--	L.004	--	--	
81-07-08	1000	1		--	--	.011	--	L.004	--	.045	
81-08-11	1632	1		--	--	.009	--	L.004	--	.028	
81-09-21	1325	1		--	--	.002	20W	L.004	20W	.009	20W
81-12-07	1310	1		--	--	L.001	--	L.004	--	L.001	

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	23302P	23202P	27302P	27020P	28020P	56301P	56020P	
				VANADIUM EXTRBLE.	VANADIUM TOTAL	COBALT EXTRBLE.	COBALT TOTAL	NICKEL TOTAL	BARIIUM EXTRBLE.	BARIIUM TOTAL	
				V	RECOVERABLE VA	CO	RECOVERABLE CO	RECOVERABLE NI	BA	RECOVERABLE BA	
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
80-01-23	1400	1		L.001	--	.003	--	--	.06	--	
80-07-09	1300	1		--	.005	--	.006	.011	--	.15	
80-08-12	1215	1		--	.005	--	L.002	.005	--	.09	
80-09-16	1600	1		--	L.001	--	L.002	.004	--	.05	
80-10-21	1500	1		--	L.001	--	L.002	.003	--	.08	
80-12-18	1530	1		--	.001	--	.006	.007	--	.09	
81-02-26	1520	1		--	L.001	--	.010	.005	--	.11	
81-03-26	1255	1		--	L.001	--	L.002	.004	--	L.05	
81-04-22	1330	1		--	L.001	--	L.002	--	--	.13	
81-07-08	1000	1		--	.013	--	.003	.013	--	.20	
81-08-11	1632	1		--	.009	--	L.002	.006	--	.13	
81-09-21	1325	1		--	L.001	20W	L.002	20W	--	.07	20W
81-12-07	1310	1		--	.001	--	L.002	.006	--	.07	

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	48302P	48020P	80011P
				CADMIUM EXTRBLE.	CADMIUM TOTAL	MERCURY TOTAL
				CD	RECOVERABLE CD	HG
				MG/L	MG/L	UG/L
80-01-23	1400	1		L.001	--	.02
80-07-09	1300	1		--	L.001	L.02
80-08-12	1215	1		--	L.001	L.02
80-09-16	1600	1		--	L.001	.04
80-10-21	1500	1		--	.001	L.02
80-12-18	1530	1		--	.001	.04
81-02-26	1520	1		--	.002	.14
81-03-26	1255	1		--	L.001	--
81-04-22	1330	1		--	L.001	--
81-07-08	1000	1		--	L.001	--
81-08-11	1632	1		--	L.001	--
81-09-21	1325	1		--	L.001	20W
81-12-07	1310	1		--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NH10NC001

ANDERSON RIVER BELOW CARNWATH RIVER, NORTHWEST TERRITORIES

LAT. 68D 37M 59S LONG. 128D 24M 29S

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-24	1545	1	0.0	19.5	--	543.	--	7.6	.5	10.
80-04-09	1635	1	0.0	20.4	--	693.	--	7.7	.6	5.
80-06-27	1420	1	16.0	23.0	--	210.	7.9	7.9	9.5	40.
80-08-05	1245	1	13.0	17.0	225.	247.	8.0	8.1	3.5	20.
80-09-10	1315	1	6.5	20.0	--	278.	7.3	7.9	1.5	20.
80-11-05	1445	1	0.0	20.1	--	330.	--	8.0	.8	20.
81-01-15	1535	1	0.0	18.0	--	472.	--	7.8	.5	10.
81-02-23	1640	1	0.0	22.4	--	547.	--	7.6	.9	10.
81-05-06	1200	1	0.0	15.7	--	594.	--	7.5	3.5	--
81-05-21	1100	1	0.0	20.7	150.	166.	--	7.6	73.0	--
81-07-30	1150	1	17.0	21.4	210.	255.	--	8.1	1.5	--
81-09-15	1330	1	7.0	23.3	--	269.	7.9	8.0	2.5	--
81-11-17	1230	1	0.0	23.3	--	262.	--	7.8	1.0	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONATE	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	CA CO3	CA CO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CA CO3
										MG/L
80-01-24	1545	1	--	0.	0.0	171.	140.0	42.60	18.6	183.0
80-04-09	1635	1	--	0.	0.0	195.	160.0	48.30	22.9	214.9
80-06-27	1420	1	--	0.	0.0	88.	72.0	21.20	8.8	89.2
80-08-05	1245	1	--	0.	0.0	100.	82.0	25.50	10.4	106.5
80-09-10	1315	1	--	0.	0.0	106.	87.0	26.00	11.0	110.2
80-11-05	1445	1	--	0.	0.0	150.	123.0	30.40	13.3	130.7
81-01-15	1535	1	--	0.	0.0	149.	122.0	39.00	--	--
81-02-23	1640	1	--	0.	0.0	166.	136.0	44.00	17.9	183.6
81-05-06	1200	1	10.	0.	0.0	161.	132.0	46.30	20.4	199.6
81-05-21	1100	1	80.	0.	0.0	68.	56.0	20.80	6.6	79.1
81-07-30	1150	1	20.	0.	0.0	105.	86.0	27.30	11.9	117.2
81-09-15	1330	1	30.	0.	0.0	115.	94.0	27.30	11.7	116.3
81-11-17	1230	1	30.	0.	0.0	113.	93.0	28.10	12.1	120.0

DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	(CALCD.)	NA	K	CL	F	SO4	SiO2
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-24	1545	1	3.	284.	36.0	2.0	46.0	.22	51.	4.2
80-04-09	1635	1	1.	360.	50.0	2.5	67.0	.30	68.	5.1
80-06-27	1420	1	22.	100.	4.9	.9	5.4	L.05	13.	2.5
80-08-05	1245	1	11.	124.	8.0	1.0	9.0	.08	19.	2.2
80-09-10	1315	1	5.	138.	9.4	.9	11.0	.10	25.	2.2
80-11-05	1445	1	1.	181.	14.0	1.2	17.0	.13	29.	2.6
81-01-15	1535	1	L1.	--	24.0	--	35.0	.19	40.	3.9
81-02-23	1640	1	L1.	284.	36.0	2.0	47.0	.25	51.	4.4
81-05-06	1200	1	3.	313.	42.0	2.4	55.0	.25	63.	4.3
81-05-21	1100	1	161.	85.	4.2	1.4	4.7	.13	11.	2.8
81-07-30	1150	1	2.	132.	8.8	1.0	9.2	.10	20.	2.0
81-09-15	1330	1	4.	135.	7.7	.9	8.3	.07	20.	2.8
81-11-17	1230	1	1.	144.	8.6	1.1	11.0	L.05	24.	3.0

DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2			(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-24	1545	1	28.0	6.0	.04	.15	.42	L.01	Q.43	L.003
80-04-09	1635	1	26.0	5.0	.08	.22	.46	.02	.48	L.003
80-06-27	1420	1	--	9.0	.66	L.01	.32	.08	.40	.007
80-08-05	1245	1	--	7.0	.36	.02	.22	.06	.28	.003
80-09-10	1315	1	--	7.0	.21	--	.27	.01	.28	L.003
80-11-05	1445	1	--	7.0	.15	.05	.33	.03	.36	L.003
81-01-15	1535	1	--	6.0	.11	.10	.43	.03	.46	.005
81-02-23	1640	1	--	6.0	.10	.16	.40	.04	.44	L.003
81-05-06	1200	1	--	10.0	.12	.20	.46	.02	.48	L.003
81-05-21	1100	1	--	12.0	3.90	.02	.43	.41	.84	.009
81-07-30	1150	1	--	6.1	.31	L.01	.25	.04	.29	L.003
81-09-15	1330	1	--	9.0	.53	.01	.35	.04	.39	L.003
81-11-17	1230	1	--	9.4	.32	.03	.42	.05	.47	L.003

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM10NCO001
ANDERSON RIVER BELOW CARNWATH RIVER, NORTHWEST TERRITORIES

LAT. 68D 37M 59S LONG. 128D 24M 29S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	15406L PHOSPHORUS TOTAL P MG/L	15901L PHOSPHORUS PARTICULATE (CALCD.) P MG/L	05105L BORON DISSOLVED B MG/L	33104L ARSENIC DISSOLVED AS MG/L	34102L SELENIUM DISSOLVED SE MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25104L MANGANESE DISSOLVED MN MG/L	26304P IRON EXTRBLE. FE MG/L
80-01-24	1545	1	--	--	.07	L.0005	L.0005	L.01	--	.05
80-04-09	1635	1	L.003	Q0.000	.10	L.0005	L.0005	--	L.01	--
80-06-27	1420	1	.016	.009	.06	L.0005	L.0005	--	--	--
80-08-05	1245	1	.011	.008	.04	.0009	L.0005	--	--	--
80-09-10	1315	1	.004	Q.001	.06	L.0005	L.0005	--	--	--
80-11-05	1445	1	--	--	.06	L.0005	L.0005	L.01	--	.09
81-01-15	1535	1	.087	.082	.06	L.0005	L.0005	L.01	--	.09
81-02-23	1640	1	L.003	Q0.000	.08	L.0005	L.0005	--	--	--
81-05-06	1200	1	.030	Q.027	.11	L.0005	L.0005	.01	--	.12
81-05-21	1100	1	--	--	.13	L.0005	.0012	.08	--	1.70
81-07-30	1150	1	.029	Q.026	.06	L.0005	L.0005	.03	--	.08
81-09-15	1330	1	.008	Q.005	.06	L.0005	L.0005	.01	--	.29
81-11-17	1230	1	.018	Q.015	.07	L.0005	L.0005	L.01	--	.10

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	26104P IRON DISSOLVED FE MG/L	29305P COPPER EXTRBLE. CU MG/L	29020P COPPER TOTAL RECOVERABLE CU MG/L	82302P LEAD EXTRBLE. PB MG/L	82020P LEAD TOTAL RECOVERABLE PB MG/L	30305P ZINC EXTRBLE. ZN MG/L	30020P ZINC TOTAL RECOVERABLE ZN MG/L
80-01-24	1545	1	--	L.001	--	L.004	--	L.001	--
80-04-09	1635	1	--	--	.005	--	L.004	--	.003
80-06-27	1420	1	--	--	.002	--	L.004	--	.005
80-08-05	1245	1	--	--	.001	--	L.004	--	.003
80-09-10	1315	1	--	--	.001	--	L.004	--	.006
80-11-05	1445	1	--	--	L.001	--	L.004	--	.001
81-01-15	1535	1	--	--	L.001	--	L.004	--	.003
81-02-23	1640	1	--	--	.004	--	L.004	--	.004
81-05-06	1200	1	--	--	.003	--	L.004	--	--
81-05-21	1100	1	--	--	.005	--	.004	--	.023
81-07-30	1150	1	--	--	.002	--	L.004	--	.001
81-09-15	1330	1	--	--	.002	--	.004	--	.001
81-11-17	1230	1	--	--	.001	--	L.004	--	.003

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	23302P VANADIUM EXTRBLE. V MG/L	23020P VANADIUM TOTAL RECOVERABLE VA MG/L	27302P COBALT EXTRBLE. CO MG/L	27020P COBALT TOTAL RECOVERABLE CO MG/L	28020P NICKEL TOTAL RECOVERABLE NI MG/L	56301P BARIUM EXTRBLE. BA MG/L	56020P BARIUM TOTAL RECOVERABLE BA MG/L
80-01-24	1545	1	L.001	--	L.002	--	--	.05	--
80-04-09	1635	1	--	.006	--	--	--	--	.05
80-06-27	1420	1	--	.003	--	L.002	.004	--	.07
80-08-05	1245	1	--	.001	--	L.002	L.002	--	L.05
80-09-10	1315	1	--	L.001	--	L.002	L.002	--	L.05
80-11-05	1445	1	--	L.001	--	L.002	.004	--	L.05
81-01-15	1535	1	--	.013	--	.004	.009	--	L.05
81-02-23	1640	1	--	L.001	--	.005	.007	--	.08
81-05-06	1200	1	--	L.001	--	.002	--	--	.07
81-05-21	1100	1	--	--	--	.005	--	--	.06
81-07-30	1150	1	--	L.001	--	L.002	L.002	--	.05
81-09-15	1330	1	--	L.001	--	L.002	L.002	--	.09
81-11-17	1230	1	--	L.001	--	L.002	.002	--	.05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	48302P CADMIUM EXTRBLE. CD MG/L	48020P CADMIUM TOTAL RECOVERABLE CD MG/L	80011P MERCURY TOTAL HG UG/L
80-01-24	1545	1	L.001	--	L.02
80-04-09	1635	1	--	--	L.02
80-06-27	1420	1	--	L.001	L.02
80-08-05	1245	1	--	L.001	L.02
80-09-10	1315	1	--	L.001	L.02
80-11-05	1445	1	--	L.001	.04
81-01-15	1535	1	--	.002	.08
81-02-23	1640	1	--	L.001	.06
81-05-06	1200	1	--	L.001	--
81-05-21	1100	1	--	.001	--
81-07-30	1150	1	--	L.001	--
81-09-15	1330	1	--	L.001	--
81-11-17	1230	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NN10P0001

COPPERMINE RIVER AT OUTLET OF POINT LAKE, NORTHWEST TERRITORIES

LAT. 65D 25M 0S LONG. 114D 0M 29S

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-17	1410	1	0.0	14.4	--	12.	--	6.8	.6	L5.
80-03-19	1340	1	.5	21.0	--	18.	--	6.7	.6	10.
80-05-06	1545	1	.5	18.7	--	16.	--	6.8	.4	5.
80-07-09	1245	1	--	20.9	--	14.	--	6.7	.3	5.
80-08-18	1100	1	--	16.6	--	14.	--	6.6	.3	10.
80-09-11	1350	1	--	20.5	--	14.	--	7.3	.4	10.
81-01-05	1230	1	0.0	20.2	--	14.	--	6.9	.3	10.
81-04-23	1620	1	0.0	18.3	--	14.	--	6.7	.5	--
81-06-29	1045	1	3.5	22.0	12.	13.	7.2	6.8	.4	--
81-08-07	1250	1	7.0	26.6	13.	15.	--	6.9	.3	--
81-09-10	1330	1	--	21.3	12.	15.	--	7.0	.2	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONATE	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HC03	CAC03	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CAC03
										MG/L
80-01-17	1410	1	--	0.	0.0	2.	2.0 06L	L. 10	L. 1	Q. 7
80-03-19	1340	1	--	0.	0.0	6.	5.0 06L	L. 10	L. 1	Q. 7
80-05-06	1545	1	--	0.	0.0	4.	3.0	.10	.7	3.1
80-07-09	1245	1	--	0.	0.0	4.	3.0	.70	.5	3.8
80-08-18	1100	1	--	0.	0.0	4.	3.0	1.00	.6	5.0
80-09-11	1350	1	--	0.	0.0	2.	2.0	1.00	.3	3.7
81-01-05	1230	1	--	0.	0.0	4.	3.0	1.10	.5	4.8
81-04-23	1620	1	10.	0.	0.0	4.	3.0	1.00	.4	4.1
81-06-29	1045	1	5.	0.	0.0	4.	3.5	.90	.3	3.5
81-08-07	1250	1	10.	0.	0.0	3.	2.8	1.50	.3	5.0
81-09-10	1330	1	10.	0.	0.0	2.	2.0	1.20	.6	5.5

DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	(CALCD.)	NA	K	CL	F	SO4	SI02
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-17	1410	1	4.	4.	.4	.3	.3	L. 05	2.	.1
80-03-19	1340	1	2.	7.	.5	.4	.3	L. 05	2.	.2
80-05-06	1545	1	4.	6.	.4	.4	.3	L. 05	2.	.2
80-07-09	1245	1	L1.	6.	.6	.4	.3	L. 05	1.	.2
80-08-18	1100	1	3.	6.	.5	.4	.3	L. 05	1.	.3
80-09-11	1350	1	2.	5.	.5	.3	.3	L. 05	1.	.2
81-01-05	1230	1	3.	7.	.5	.5	.3	.06	2.	.2
81-04-23	1620	1	2.	6.	.6	.5	.4	.06	1.	.2
81-06-29	1045	1	L1.	6.	.4	.3	.3	L. 05	1.	.3
81-08-07	1250	1	1.	6.	.4	.3	.3	L. 05	1.	.3
81-09-10	1330	1	2.	5.	.5	.4	.3	L. 05	1.	.1

DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2			(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-17	1410	1	10.0	4.0	.26	.34	.34	.03	.37	L. 003
80-03-19	1340	1	19.0	1.0	.13	.08	.16	.03	.19	L. 003
80-05-06	1545	1	--	2.0	.23	.05	.15	.04	.19	L. 003
80-07-09	1245	1	--	L1.0	.14	.04	.13	.03	.16	L. 003
80-08-18	1100	1	--	2.0	.17	.04	.11	.03	.14	.003
80-09-11	1350	1	--	2.0	.15	.03	.13	.03	.16	L. 003
81-01-05	1230	1	--	2.0	.32	.07	.14	.05	.19	L. 003
81-04-23	1620	1	--	--	.31	.05	.13	.06	.19	L. 003
81-06-29	1045	1	--	2.2	.08	.05	.14	L. 01	Q. 15	--
81-08-07	1250	1	--	1.8	.21	.05	.13	L. 01	Q. 14	L. 003
81-09-10	1330	1	--	2.3	.08	.06	.13	L. 01	Q. 14	L. 003

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM10PB0001
COPPERMINE RIVER AT OUTLET OF POINT LAKE, NORTHWEST TERRITORIES

LAT. 65D 25M 0S LONG. 114D 0M 29S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
				PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.
				P	P	B	AS	SE	MN	MN	FE
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-17	1410	1		--	--	L.02	L.0005	L.0005	L.01	--	L.04
80-03-19	1340	1		.003	00.000	L.02	L.0005	L.0005	L.01	--	L.04
80-05-06	1545	1		.003	00.000	L.02	L.0005	L.0005	--	L.01	--
80-07-09	1245	1		L.003	00.000	L.02	L.0005	L.0005	--	--	--
80-08-18	1100	1		.003	0.000	--	L.0005	L.0005	--	--	--
80-09-11	1350	1		.004	0.001	L.02	L.0005	L.0005	--	--	--
81-01-05	1230	1		L.003	00.000	L.02	L.0005	L.0005	--	--	--
81-04-23	1620	1		L.003	00.000	L.02	L.0005	.0007	L.01	--	.10
81-06-29	1045	1		.007	--	L.02	L.0005	L.0005	L.01	--	L.04
81-08-07	1250	1		.003	00.000	L.02	L.0005	L.0005	L.01	--	L.04
81-09-10	1330	1		L.003	00.000	.02	L.0005	L.0005	L.01	--	.11

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
				IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL	LEAD EXTRBLE.	LEAD TOTAL	ZINC EXTRBLE.	ZINC TOTAL
				FE	CU	RECOVERABLE CU	PB	RECOVERABLE PB	ZN	RECOVERABLE ZN
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-17	1410	1		--	L.001	--	L.004	--	L.001	--
80-03-19	1340	1		--	.002	--	L.004	--	L.001	--
80-05-06	1545	1		--	--	.002	--	L.004	--	.004
80-07-09	1245	1		--	--	.001	--	L.004	--	.007
80-08-18	1100	1		--	--	.002	--	L.004	--	.007
80-09-11	1350	1		--	--	.001	--	L.004	--	.007
81-01-05	1230	1		--	--	.003	--	L.004	--	.006
81-04-23	1620	1		--	--	.004	--	L.004	--	--
81-06-29	1045	1		--	--	L.001	--	.004	--	.010
81-08-07	1250	1		--	--	L.001	--	L.004	--	.002
81-09-10	1330	1		--	--	.006	--	L.004	--	L.001

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
				VANADIUM EXTRBLE.	VANADIUM TOTAL	COBALT EXTRBLE.	COBALT TOTAL	NICKEL TOTAL	BARIUM EXTRBLE.	BARIUM TOTAL
				V	RECOVERABLE VA	CO	RECOVERABLE CO	RECOVERABLE NI	BA	RECOVERABLE BA
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-17	1410	1		L.001	--	L.002	--	--	L.05	--
80-03-19	1340	1		L.001	--	L.002	--	--	L.05	--
80-05-06	1545	1		--	L.001	--	L.002	.009	--	L.05
80-07-09	1245	1		--	L.001	--	L.006	.004	--	L.05
80-08-18	1100	1		--	L.001	--	L.002	.002	--	L.05
80-09-11	1350	1		--	L.001	--	L.002	.003	--	L.05
81-01-05	1230	1		--	L.001	--	.010	.010	--	L.05
81-04-23	1620	1		--	L.001	--	L.002	--	--	.05
81-06-29	1045	1		--	L.001	--	L.002	L.002	--	L.05
81-08-07	1250	1		--	L.001	--	L.002	L.002	--	L.05
81-09-10	1330	1		--	L.001	--	L.002	L.002	--	L.05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	48302P	48020P	80011P
				CADMIUM EXTRBLE.	CADMIUM TOTAL	MERCURY TOTAL
				RECOVERABLE CD	RECOVERABLE CD	HG
				MG/L	MG/L	UG/L
80-01-17	1410	1		L.001	--	--
80-03-19	1340	1		L.001	--	--
80-05-06	1545	1		--	.002	--
80-07-09	1245	1		--	L.001	--
80-08-18	1100	1		--	L.001	--
80-09-11	1350	1		--	L.001	--
81-01-05	1230	1		--	.001	L.02
81-04-23	1620	1		--	L.001	--
81-06-29	1045	1		--	L.001	--
81-08-07	1250	1		--	L.001	--
81-09-10	1330	1		--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONM10QA0001

LAT. 67D 38M 8S LONG. 111D 53M 30S

TREE RIVER ABOUT 10 MILES ABOVE MOUTH, NORTHWEST TERRITORIES

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-01-18	1352	1	0.0	17.9	--	88.	--	7.7	4.0	L5.
80-03-18	1630	1	0.0	20.5	--	104.	--	7.8	5.8	10.
80-05-07	1425	1	.5	18.4	--	86.	--	7.5	--	5.
80-07-09	2230	1	--	21.3	--	68.	--	7.4	4.6	10.
80-08-19	1015	1	8.0	17.0	--	78.	--	7.9	3.6	10.
80-09-12	0930	1	--	20.4	--	78.	--	7.6	2.5	10.
81-01-06	1300	1	0.0	19.9	--	77.	--	7.7	3.7	5.
81-04-23	1258	1	0.0	18.7	--	88.	--	7.7	1.6	--
81-06-30	0730	1	6.0	22.0	68.	70.	--	7.4	3.6	--
81-08-06	1615	1	--	25.9	75.	77.	--	7.8	1.9	--
81-09-10	0715	1	5.0	21.4	--	58.	--	6.9	9.4	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONAT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	CAC03	HC03	CAC03	CA	MG	CAC03
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-18	1352	1	--	0.	0.0	48.	39.0 06L	9.50	5.0	44.3
80-03-18	1630	1	--	0.	0.0	40.	33.0 06L	8.50	4.9	41.4
80-05-07	1425	1	--	0.	0.0	46.	38.0	8.70	5.0	42.3
80-07-09	2230	1	--	0.	0.0	35.	29.0	6.50	3.5	30.6
80-08-19	1015	1	--	0.	0.0	43.	35.0	9.40	4.2	40.8
80-09-12	0930	1	--	0.	0.0	39.	32.0	6.50	3.9	32.3
81-01-06	1300	1	--	0.	0.0	43.	35.0	7.50	4.5	37.3
81-04-23	1258	1	10.	0.	0.0	49.	40.0	9.50	6.0	48.4
81-06-30	0730	1	10.	0.	0.0	35.	29.0	7.40	3.2	31.7
81-08-06	1615	1	5.	0.	0.0	39.	32.0	7.30	3.8	33.9
81-09-10	0715	1	40.	0.	0.0	43.	35.0	7.30	4.4	36.3

DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	S102
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-18	1352	1	4.	45.	.9	.3	2.0	L.05	2.	1.4
80-03-18	1630	1	13.	40.	.9	.4	1.4	L.05	2.	1.6
80-05-07	1425	1	21.	42.	.6	.3	1.1	L.05	2.	1.3
80-07-09	2230	1	3.	32.	.8	.3	1.0	L.05	1.	1.1
80-08-19	1015	1	4.	40.	1.0	.3	1.5	L.05	1.	1.3
80-09-12	0930	1	2.	36.	1.2	.3	2.0	L.05	2.	1.3
81-01-06	1300	1	10.	41.	1.3	.4	2.8	.05	2.	1.5
81-04-23	1258	1	2.	45.	.7	.5	1.1	.06	2.	1.4
81-06-30	0730	1	2.	32.	.6	.3	1.0	L.05	1.	1.1
81-08-06	1615	1	3.	35.	.7	.3	1.3	L.05	1.	1.3
81-09-10	0715	1	3.	--	--	.5	--	L.05	2.	1.8

DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	DISSOLVED	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	N03 & N02	N	N	(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-18	1352	1	8.0	1.0	.13	.06	.10	.01	.11	L.003
80-03-18	1630	1	7.0	1.0	.39	.05	.14	.07	.21	.003
80-05-07	1425	1	--	2.0	.54	.04	.14	.04	.18	.010
80-07-09	2230	1	--	1.0	.26	.01	.07	.04	.11	L.003
80-08-19	1015	1	--	2.0	.17	.04	.09	.05	.14	L.003
80-09-12	0930	1	--	L1.0	.18	.01	.09	.03	.12	L.003
81-01-06	1300	1	--	1.0	.62	.08	.13	.03	.16	L.003
81-04-23	1258	1	--	--	.19	.05	.11	.04	.15	L.003
81-06-30	0730	1	--	1.4	.16	.02	.09	.02	.11	L.003
81-08-06	1615	1	--	1.3	.19	.06	.14	L.01	Q.15	L.003
81-09-10	0715	1	--	2.4	.18	L.01	.11	.02	.13	.003

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - OONW10QA0001
TREE RIVER ABOUT 10 MILES ABOVE MOUTH, NORTHWEST TERRITORIES

LAT. 67D 38M 8S LONG. 111D 53M 30S

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
			PHOSPHORUS TOTAL	PHOSPHORUS PARTICULATE (CALCD.)	BORON DISSOLVED	ARSENIC DISSOLVED	SELENIUM DISSOLVED	MANGANESE EXTRBLE.	MANGANESE DISSOLVED	IRON EXTRBLE.
			P	P	B	AS	SE	MN	MN	FE
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-18	1352	1	--	--	L. 02	L. 0005	L. 0005	L. 01	--	.18
80-03-18	1630	1	.014	.011	L. 02	L. 0005	L. 0005	L. 01	--	.28
80-05-07	1425	1	.013	.003	L. 02	L. 0005	L. 0005	--	L. 01	--
80-07-09	2230	1	.006	Q. 003	L. 02	L. 0005	L. 0005	--	--	--
80-08-19	1015	1	.008	Q. 005	--	L. 0005	L. 0005	--	--	--
80-09-12	0930	1	L. 003	Q0. 000	L. 02	L. 0005	L. 0005	--	--	--
81-01-06	1300	1	.005	Q. 002	.03	L. 0005	L. 0005	L. 01	--	.17
81-04-23	1258	1	.003	Q0. 000	L. 02	L. 0005	L. 0005	L. 01	--	.15
81-06-30	0730	1	.006	Q. 003	L. 02	L. 0005	L. 0005	L. 01	--	.20
81-08-06	1615	1	.005	Q. 002	L. 02	L. 0005	L. 0005	--	--	--
81-09-10	0715	1	.027	.024	.03	L. 0005	L. 0005	L. 01	--	.63

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	26104P	29305P	29020P	82302P	82020P	30305P	30020P
			IRON DISSOLVED	COPPER EXTRBLE.	COPPER TOTAL	LEAD EXTRBLE.	LEAD TOTAL	ZINC EXTRBLE.	ZINC TOTAL
			FE	CU	RECOVERABLE CU	PB	RECOVERABLE PB	ZN	RECOVERABLE ZN
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-18	1352	1	--	L. 001	--	L. 004	--	.001	--
80-03-18	1630	1	--	.003	--	L. 004	--	.012	--
80-05-07	1425	1	--	--	.004	--	L. 004	--	.036
80-07-09	2230	1	--	--	.001	--	L. 004	--	.008
80-08-19	1015	1	--	--	.001	--	L. 004	--	.004
80-09-12	0930	1	--	--	.002	--	L. 004	--	.003
81-01-06	1300	1	--	--	.003	--	L. 004	--	.005
81-04-23	1258	1	--	--	.010	--	L. 004	--	--
81-06-30	0730	1	--	--	.001	--	.006	--	.011
81-08-06	1615	1	--	--	.001	--	L. 004	--	.003
81-09-10	0715	1	--	--	.007	--	L. 004	--	.003

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
			VANADIUM EXTRBLE.	VANADIUM TOTAL	COBALT EXTRBLE.	COBALT TOTAL	NICKEL TOTAL	BARIUM EXTRBLE.	BARIUM TOTAL
			V	RECOVERABLE VA	CO	RECOVERABLE CO	RECOVERABLE NI	BA	RECOVERABLE BA
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-18	1352	1	L. 001	--	.003	--	--	L. 05	--
80-03-18	1630	1	L. 001	--	L. 002	--	--	.05	--
80-05-07	1425	1	--	.002	--	.004	.011	--	L. 05
80-07-09	2230	1	--	.003	--	L. 002	L. 002	--	L. 05
80-08-19	1015	1	--	L. 001	--	L. 002	L. 002	--	.06
80-09-12	0930	1	--	L. 001	--	L. 002	L. 002	--	L. 05
81-01-06	1300	1	--	--	--	.002	.003	--	.06
81-04-23	1258	1	--	L. 001	--	L. 002	--	--	.06
81-06-30	0730	1	--	L. 001	--	L. 002	.004	--	L. 05
81-08-06	1615	1	--	L. 001	--	L. 002	.003	--	L. 05
81-09-10	0715	1	--	.002	--	L. 002	L. 002	--	L. 05

DATE	TIME/ YMD/AMJ	SUB-ID/ SOUS-ID	48302P	48020P	80011P
			CADMIUM EXTRBLE.	CADMIUM TOTAL	MERCURY TOTAL
			RECOVERABLE CD	RECOVERABLE CD	HG
			MG/L	MG/L	UG/L
80-01-18	1352	1	L. 001	--	--
80-03-18	1630	1	L. 001	--	--
80-05-07	1425	1	--	.003	--
80-07-09	2230	1	--	L. 001	--
80-08-19	1015	1	--	L. 001	--
80-09-12	0930	1	--	L. 001	--
81-01-06	1300	1	--	L. 001	.03
81-04-23	1258	1	--	L. 001	--
81-06-30	0730	1	--	L. 001	--
81-08-06	1615	1	--	L. 001	--
81-09-10	0715	1	--	L. 001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NM10QD0001
ELLICE RIVER NEAR MOUTH.

NORTHWEST TERRITORIES

LAT. 67D 42M 29S LONG. 104D 8M 30S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS			
80-01-21	1455	1	0.0	7.3	--	34.	--	6.5	2.8	15.
80-07-10	1530	1	--	21.2	--	22.	--	6.8	7.4	20.
80-09-03	1005	1	.9	21.3	--	60.	--	6.9	22.0	70.
81-01-09	1300	1	0.0	20.1	--	55.	--	6.4	2.5	10.
81-04-22	1730	1	0.0	18.7	--	64.	--	6.3	1.8	--
81-07-01	0730	1	11.0	21.6	28.	28.	6.7	6.8	14.0	--
81-08-04	1700	1	13.0	26.0	--	31.	--	6.7	3.6	--
81-09-08	1600	1	4.0	21.4	48.	58.	6.4	6.9	9.4	--

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBON. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L			
80-01-21	1455	1	--	0.	0.0	6.	5.0 06L	1.80	1.1	9.0
80-07-10	1530	1	--	0.	0.0	4.	3.0	1.10	.7	Q3.1
80-09-03	1005	1	--	0.	0.0	10.	8.0	2.50	2.4	16.1
81-01-09	1300	1	--	0.	0.0	12.	10.0	2.70	2.0	15.0
81-04-22	1730	1	20.	0.	0.0	12.	10.0	5.00	3.0	24.8
81-07-01	0730	1	20.	0.	0.0	4.	3.2	.50	.3	2.5
81-08-04	1700	1	10.	0.	0.0	3.	2.8	1.80	1.3	9.9
81-09-08	1600	1	40.	0.	0.0	7.	6.0	1.80	1.7	11.5

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	SI02 MG/L			
80-01-21	1455	1	3.	15.	1.8	.5	2.9	L.05	4.	.6
80-07-10	1530	1	4.	8.	1.5	.4	2.3	L.05	1.	.2
80-09-03	1005	1	13.	31.	5.4	.7	9.9	L.05	3.	2.2
81-01-09	1300	1	6.	26.	3.0	.9	4.3	.07	5.	1.6
81-04-22	1730	1	L1.	31.	3.5	.9	5.0	.09	6.	1.6
81-07-01	0730	1	12.	10.	1.2	1.6	3.4	L.05	1.	.4
81-08-04	1700	1	2.	11.	1.3	.3	2.2	L.05	2.	.4
81-09-08	1600	1	5.	--	--	.6	--	L.05	2.	1.6

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	06152L CARBON DISSOLVED INORGANIC	06104L CARBON DISSOLVED ORGANIC	06902L CARBON ORGANIC PARTICUL.	07110L NITROGEN DISSOLVED NO3 & NO2	07651L NITROGEN DISSOLVED	07902L NITROGEN PARTICUL.	07603L NITROGEN TOTAL (CALCD.)	15103L PHOSPHORUS TOTAL DISSOLVED
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-01-21	1455	1	1.0	3.0	.21	.06	.19	.03	.22	L.003
80-07-10	1530	1	--	2.0	.40	L.01	.18	.07	.25	L.003
80-09-03	1005	1	--	5.0	.61	L.01	.20	.09	.29	.014
81-01-09	1300	1	--	4.0	.30	.12	.30	.05	.35	L.003
81-04-22	1730	1	--	--	.22	.21	.45	.05	.50	.003
81-07-01	0730	1	--	2.4	.38	L.01	.13	.06	.19	L.003
81-08-04	1700	1	--	2.7	.42	L.01	.14	.06	.20	L.003
81-09-08	1600	1	--	4.1	.46	L.01	.23	.05	.28	.003

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NM10Q0001
ELLICE RIVER NEAR MOUTH,

NORTHWEST TERRITORIES

LAT. 67D 42M 29S LONG. 104D 8M 30S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	15406L PHOSPHORUS TOTAL P MG/L	15901L PHOSPHORUS PARTICULATE (CALCD.) P MG/L	05105L BORON DISSOLVED B MG/L	33104L ARSENIC DISSOLVED AS MG/L	34102L SELENIUM DISSOLVED SE MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25104L MANGANESE DISSOLVED MN MG/L	26304P IRON EXTRBLE. FE MG/L
80-01-21	1455	1	--	--	L.02	L.0005	L.0005	L.01	--	.08
80-07-10	1530	1	.010	Q.007	L.02	L.0005	L.0005	--	--	--
80-09-03	1005	1	.030	.016	.06	L.0005	L.0005	--	--	--
81-01-09	1300	1	.008	Q.005	.04	L.0005	L.0005	--	--	--
81-04-22	1730	1	--	--	.06	L.0005	.0007	L.01	--	.06
81-07-01	0730	1	.015	Q.012	.02	L.0005	L.0005	L.01	--	.28
81-08-04	1700	1	.015	Q.012	L.02	L.0005	L.0005	L.01	--	.12
81-09-08	1600	1	.030	.027	.04	L.0005	L.0005	L.01	--	.39

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	26104P IRON DISSOLVED FE MG/L	29305P COPPER EXTRBLE. CU MG/L	29020P COPPER TOTAL RECOVERABLE CU MG/L	82302P LEAD EXTRBLE. PB MG/L	82020P LEAD TOTAL RECOVERABLE PB MG/L	30305P ZINC EXTRBLE. ZN MG/L	30020P ZINC TOTAL RECOVERABLE ZN MG/L
80-01-21	1455	1	--	.001	--	L.004	--	.005	--
80-07-10	1530	1	--	--	.001	--	L.004	--	.008
80-09-03	1005	1	--	--	.002	--	L.004	--	.014
81-01-09	1300	1	--	--	.003	--	.005	--	.012
81-04-22	1730	1	--	--	.005	--	L.004	--	--
81-07-01	0730	1	--	--	.002	--	.007	--	.012
81-08-04	1700	1	--	--	L.001	--	L.004	--	.004
81-09-08	1600	1	--	--	.010	--	L.004	--	.008

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	23302P VANADIUM EXTRBLE. V MG/L	23020P VANADIUM TOTAL RECOVERABLE VA MG/L	27302P COBALT EXTRBLE. CO MG/L	27020P COBALT TOTAL RECOVERABLE CO MG/L	28020P NICKEL TOTAL RECOVERABLE NI MG/L	56301P BARIUM EXTRBLE. BA MG/L	56020P BARIUM TOTAL RECOVERABLE BA MG/L
80-01-21	1455	1	L.001	--	.002	--	--	L.05	--
80-07-10	1530	1	--	.002	--	L.002	L.002	--	L.05
80-09-03	1005	1	--	L.001	--	L.002	.005	--	L.05
81-01-09	1300	1	--	L.001	--	.005	.010	--	L.05
81-04-22	1730	1	--	L.001	--	L.002	--	--	L.05
81-07-01	0730	1	--	.001	--	L.002	.004	--	L.05
81-08-04	1700	1	--	L.001	--	L.002	L.002	--	L.05
81-09-08	1600	1	--	.001	--	L.002	L.002	--	L.05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	48302P CADMIUM EXTRBLE. CD MG/L	48020P CADMIUM TOTAL RECOVERABLE CD MG/L	80011P MERCURY TOTAL HG UG/L
80-01-21	1455	1	L.001	--	--
80-07-10	1530	1	--	L.001	--
80-09-03	1005	1	--	L.001	--
81-01-09	1300	1	--	.001	.02
81-04-22	1730	1	--	L.001	--
81-07-01	0730	1	--	L.001	--
81-08-04	1700	1	--	L.001	--
81-09-08	1600	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00NH10RC0001

BACK RIVER BELOW DEEP ROSE LAKE,

NORTHWEST TERRITORIES

LAT. 66D 4M 59S LONG. 96D 30M 05

			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-04-23	1114	1	0.0	16.9	--	25.	--	6.6	.6	5.
80-07-08	1300	1	--	20.1	--	19.	--	6.8	2.0	10.
80-09-17	1600	1	4.0	18.5	--	23.	--	6.8	4.7	20.
81-05-23	1400	1	0.0	19.6	--	18.	--	6.0	.5	--
81-07-15	1900	1	4.0	21.1	--	19.	--	6.9	.9	--
81-08-27	1900	1	6.0	21.3	28.	35.	--	6.9	.6	--

			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN	06201L BICARBON. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
80-04-23	1114	1	--	0.	0.0	7.	6.0	1.30	1.2	8.2
80-07-08	1300	1	--	0.	0.0	5.	4.0	1.80	.7	7.4
80-09-17	1600	1	--	0.	0.0	5.	4.0	2.00	1.2	9.9
81-05-23	1400	1	5.	0.	0.0	4.	3.0	1.20	1.0	7.1
81-07-15	1900	1	20.	0.	0.0	6.	5.0	1.40	.1	3.8
81-08-27	1900	1	10.	0.	0.0	7.	6.0	1.30	1.0	7.4

			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L
80-04-23	1114	1	3.01R	11.	.6	.6	1.3	L.05	2.	.2
80-07-08	1300	1	L1.	8.	.5	.4	.8	L.05	1.	.2
80-09-17	1600	1	4.	12.	1.3	.4	1.6	L.05	2.	.9
81-05-23	1400	1	1.	7.	.7	.3	1.1	--	1.	.2
81-07-15	1900	1	8.	8.	.5	.4	.6	L.05	1.	.6
81-08-27	1900	1	2.	09.	.5	.4	.9	L.05	1.	L.1

			06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-23	1114	1	--	2.0 04R	.26 02R	.10 10R	.41 51R	.04 02R	.45	L.003 03R
80-07-08	1300	1	--	2.0	.27	L.01	.09	.04	.13	L.003
80-09-17	1600	1	--	3.0	.29	L.01	.28	.06	.34	.003
81-05-23	1400	1	--	2.0	.41	.20	.46	.08	.54	L.003
81-07-15	1900	1	--	2.5	.43	.03	.23	.06	.29	L.003
81-08-27	1900	1	--	2.0	.17	L.01	.11	.02	.13	L.003

			15406L PHOSPHORUS TOTAL P	15901L PHOSPHORUS PARTICULATE (CALCD.) P	05105L BORON DISSOLVED B	33104L ARSENIC DISSOLVED AS	34102L SELENIUM DISSOLVED SE	25304P MANGANESE EXTRBLE. MN	25104L MANGANESE DISSOLVED MN	26304P IRON EXTRBLE. FE
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-23	1114	1	.017	Q.014	L.02	L.0005	L.0005	--	L.01 04R	--
80-07-08	1300	1	.004	Q.001	L.02	L.0005	L.0005	--	--	--
80-09-17	1600	1	.008	.005	.03	L.0005	L.0005	L.01	--	.27
81-05-23	1400	1	.011	Q.008	.03	L.0005	L.0005	L.01	--	L.04
81-07-15	1900	1	.018	Q.015	L.02	L.0005	L.0005	.01	--	.20
81-08-27	1900	1	.021	Q.018	L.02	L.0005	L.0005	L.01	--	.04

			26104P IRON DISSOLVED FE	29305P COPPER EXTRBLE. CU	29020P COPPER TOTAL RECOVERABLE CU	82302P LEAD EXTRBLE. PB	82020P LEAD TOTAL RECOVERABLE PB	30305P ZINC EXTRBLE. ZN	30020P ZINC TOTAL RECOVERABLE ZN
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-23	1114	1	L.04 04R	--	.003 20W	--	.004 20W	--	.011 20W
80-07-08	1300	1	--	--	.001	--	L.004	--	.017
80-09-17	1600	1	--	--	.002	--	L.004	--	L.001
81-05-23	1400	1	--	--	.002	--	--	--	L.004
81-07-15	1900	1	--	--	L.001	--	L.004	--	.004
81-08-27	1900	1	--	--	L.001	--	L.004	--	.005

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 00N10RC0001

BACK RIVER BELOW DEEP ROSE LAKE,

NORTHWEST TERRITORIES

LAT. 66D 4M 59S LONG. 96D 30M 0S

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUB-ID/ SOUS-ID	23302P	23020P	27302P	27020P	28020P	56301P	56020P
				VANADIUM EXTRBLE.	VANADIUM TOTAL RECOVERABLE	COBALT EXTRBLE.	COBALT TOTAL RECOVERABLE	NICKEL TOTAL RECOVERABLE	BARIIUM EXTRBLE.	BARIIUM TOTAL RECOVERABLE
				V MG/L	VA MG/L	CO MG/L	CO MG/L	NI MG/L	BA MG/L	BA MG/L
80-04-23	1114	1		--	L. 001 20W	--	.004 20W	--	--	L. 05 20W
80-07-08	1300	1		--	.003	--	L. 002	.003	--	L. 05
80-09-17	1600	1		--	L. 001	--	L. 002	.005	--	L. 05
81-05-23	1400	1		--	.002	--	.002	L. 001	--	L. 05
81-07-15	1900	1		--	L. 001	--	L. 002	L. 002	--	L. 05
81-08-27	1900	1		--	.001	--	L. 002	L. 002	--	L. 05

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUB-ID/ SOUS-ID	48302P	48020P	80011P
				CADMIUM EXTRBLE.	CADMIUM TOTAL RECOVERABLE	MERCURY TOTAL
				CD MG/L	CD MG/L	HG UG/L
80-04-23	1114	1		--	.002 20W	L. 02 11W
80-07-08	1300	1		--	L. 001	.03
80-09-17	1600	1		--	L. 001	.02
81-05-23	1400	1		--	L. 001	--
81-07-15	1900	1		--	L. 001	--
81-08-27	1900	1		--	L. 001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NW06MA0001

BAKER LAKE 1.6 KM FROM BAKER LAKE

SETTLEMENT, NORTHWEST TERRITORIES

LAT. 64D 19M 9S LONG. 96D 1M 49S

			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DATE	TIME/ YMD/AMJ HEURE	SUB-ID/ SOUS-ID	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-04-26	1600	1	0.0	15.8	--	79.	--	6.6	5.0	10.
80-07-28	1530	1	1.0	21.6	--	1282.	--	6.8	.3	10.
80-09-30	1000	1	0.0	23.2	--	93.	--	7.0	2.2	20.
81-04-21	1100	1	0.0	18.5	32.	44.	5.6	6.6	.5	--
81-07-23	1200	1	3.0	21.2	--	2180.	--	7.0	.3	--
81-09-11	1745	1	2.0	23.3	--	765.	7.2	7.0	.3	--

			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
DATE	TIME/ YMD/AMJ HEURE	SUB-ID/ SOUS-ID	REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
80-04-26	1600	1	--	0.	0.0	4.	3.0	4.80	2.5	22.3
80-07-28	1530	1	--	0.	0.0	11.	9.0	10.50	23.5	123.0
80-09-30	1000	1	--	0.	0.0	7.	6.0	1.90	1.6	11.3
81-04-21	1100	1	10.	0.	0.0	11.	9.0	3.40	1.2	13.4
81-07-23	1200	1	5.	0.	0.0	15.	12.0	14.00	38.5	193.5
81-09-11	1745	1	10.	0.	0.0	10.	8.0	7.80	14.9	80.8

			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
DATE	TIME/ YMD/AMJ HEURE	SUB-ID/ SOUS-ID	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	SI02 MG/L	
80-04-26	1600	1	8.	--	1.8	1.1	3.2	--	--	.4
80-07-28	1530	1	L1.	638.	196.0	7.8	350.0	.08	44.	.5
80-09-30	1000	1	--	38.	8.5	.7	19.0	.07	3.	.1
81-04-21	1100	1	L1.	20.	2.0	1.0	4.4	.09	2.	.2
81-07-23	1200	1	1.	1040.	310.0	12.0	580.0	L.05	78.	.4
81-09-11	1745	1	L1.	372.	110.0	4.8	205.0	.07	24.	.4

			06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
DATE	TIME/ YMD/AMJ HEURE	SUB-ID/ SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-26	1600	1	--	3.0	.29	.07	.36	.05	.41	L.003
80-07-28	1530	1	--	2.0	.09	.06	.16	.01	.17	L.003
80-09-30	1000	1	--	2.0 04R	.15 02R	.01 10R	.14 51R	.04 02R	.18	.003 03R
81-04-21	1100	1	--	--	.41	.05	.20	.08	.28	.004
81-07-23	1200	1	--	2.4	.20	.02	.15	.03	.18	L.003
81-09-11	1745	1	--	1.6	.10	.05	.15	L.01	Q.16	L.003

			15406L PHOSPHORUS TOTAL P	15901L PHOSPHORUS PARTICULATE (CALCD.) P	05105L BORON DISSOLVED B	33104L ARSENIC DISSOLVED AS	34102L SELENIUM DISSOLVED SE	25304P MANGANESE EXTRBLE. MN	25104L MANGANESE DISSOLVED MN	26304P IRON EXTRBLE. FE
DATE	TIME/ YMD/AMJ HEURE	SUB-ID/ SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-26	1600	1	.160	Q.157	.07	L.0005	L.0005	--	L.01	--
80-07-28	1530	1	.033	Q.030	.10	L.0005	L.0005	--	--	--
80-09-30	1000	1	.008	.005	L.02	L.0005	L.0005	L.01 04W	--	.05 04W
81-04-21	1100	1	.027	.023	L.02	.0006	L.0005	L.01	--	L.04
81-07-23	1200	1	.007	Q.004	.22	L.0005	L.0005	L.01	--	L.04
81-09-11	1745	1	--	--	.07	L.0005	L.0005	L.01	--	L.04

			26104P IRON DISSOLVED FE	29305P COPPER EXTRBLE. CU	29020P COPPER TOTAL RECOVERABLE CU	82302P LEAD EXTRBLE. PB	82020P LEAD TOTAL RECOVERABLE PB	30305P ZINC EXTRBLE. ZN	30020P ZINC TOTAL RECOVERABLE ZN
DATE	TIME/ YMD/AMJ HEURE	SUB-ID/ SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-04-26	1600	1	--	--	.003	--	L.004	--	.025
80-07-28	1530	1	--	--	L.001	--	L.004	--	.001
80-09-30	1000	1	--	--	.003 20W	--	.006 20W	--	.005 20W
81-04-21	1100	1	--	--	.005	--	.005	--	--
81-07-23	1200	1	--	--	.011	--	L.004	--	.005
81-09-11	1745	1	--	--	.008	--	L.004	--	.005

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NH06MA0001 LA1. 64D 19M 9S LONG. 96D 1M 49S
BAKER LAKE 1.6 KM FROM BAKER LAKE SETTLEMENT, NORTHWEST TERRITORIES

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	23302P VANADIUM EXTRBLE.	23020P VANADIUM TOTAL	27302P COBALT EXTRBLE.	27020P COBALT TOTAL	28020P NICKEL TOTAL	56301P BARIUM EXTRBLE.	56020P BARIUM TOTAL
			V MG/L	RECOVERABLE VA MG/L	CO MG/L	RECOVERABLE CO MG/L	RECOVERABLE NI MG/L	BA MG/L	RECOVERABLE BA MG/L
80-04-26	1600	1	--	L.001	--	.003	.009	--	L.05
80-07-28	1530	1	--	L.001	--	L.002	L.002	--	L.05
80-09-30	1000	1	--	L.001 20W	--	L.002 20W	--	--	L.05 20W
81-04-21	1100	1	--	L.001	--	L.002	--	--	.11
81-07-23	1200	1	--	L.001	--	L.002	L.002	--	L.05
81-09-11	1745	1	--	L.001	--	L.002	L.002	--	.05

DATE YMD/AMJ	TIME/ HEURE	SUB-ID/ SOUS-ID	48302P CADMIUM EXTRBLE.	48020P CADMIUM TOTAL	80011P MERCURY TOTAL
			CD MG/L	RECOVERABLE CD MG/L	HG UG/L
80-04-26	1600	1	--	.002	.02
80-07-28	1530	1	--	L.001	.04
80-09-30	1000	1	--	.001 20W	L.02 11W
81-04-21	1100	1	--	L.001	--
81-07-23	1200	1	--	L.001	--
81-09-11	1745	1	--	L.001	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

PART II
DATA FROM ARCTIC ISLANDS

PARTIE II
DONNÉES RECUEILLIES DANS LES ÎLES DE L'ARCTIQUE

SURFACE WATER DATA

The following data are for samples collected in conjunction with the Cape Herschel Project of the Geological Survey of Canada (Terrain Sciences Division) during 1980 and 1981. The project's campsite was at the meteorological station of the North Water Project (E.T.H., Zurich, Switzerland), which is on Cape Herschel, 60 m ASL at latitude 78° 37'N and longitude 074° 42'W (UTM: 18/507050mE/8727600mN).

Under WQB Project sub-ID 0467, surface water samples were collected by W. Blake, Jr. (GSC).

These data form the basis of a recent manuscript entitled "A Reconnaissance Survey of the Environmental Chemistry in East-Central Ellesmere Island, N.W.T.", which also includes water quality data from 1979.

DONNÉES SUR LES EAUX DE SURFACE

Les données présentées ci-après viennent des échantillons prélevés dans le cadre de travaux conjoints avec le Programme d'étude du cap Herschel de la Commission géologique du Canada (Division de la science des terrains) en 1980 et 1981. Le camp était établi à la station météorologique du Programme d'étude des eaux du nord (E.T.H., Zurich, Suisse) qui se situe sur le cap Herschel, à une altitude de 60 m au-dessus du niveau de la mer, par 78° 37' de latitude N et 074° 42' de longitude O (coordonnées UTM: 18/507050 mE/8727600mN).

Des échantillons d'eau de surface étaient prélevés par W. Blake Jr. (CGC) dans le cadre du Programme d'étude sub-ID 0467, de la DQE.

Un manuscrit récent intitulé «*A Reconnaissance Survey of the Environmental Chemistry in East-Central Ellesmere Island, N.W.T.*» se base sur les données renfermées dans le présent rapport ainsi que sur d'autres données sur la qualité de l'eau recueillies en 1979.

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NW10TC0007
PROTEUS LAKE, SE SIDE OF PIM ISLAND, ELLESMERE ISLAND, N.W.T.
ELEV. 390 M ASL. NTS MAP 39F&39E 1/250,000

LAT. 78D 41M 40S LONG. 74D 22M 59S
ABOUT 11KM NNE OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-06-05	1200	467	--	19.1	--	163.	--	7.2	5.3	10.
80-06-12	1200	467	--	19.1	--	75.	--	7.2	3.0	5.
81-06-04	1200	467	--	20.0	--	89.	6.8	6.7	2.5	--

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-06-05	1200	467	--	--	0.0	--	--	18.60	5.0	67.0
80-06-12	1200	467	--	--	0.0	--	--	5.20	2.4	22.9
81-06-04	1200	467	--	0.	0.0	28.	23.0	7.00	3.6	32.3

DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	(CALCD.)	NA	K	CL	F	S04	SiO2
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-06-05	1200	467	--	--	5.9	.7	10.2 03L	--	4.	13.1 02L
80-06-12	1200	467	--	--	5.1	.8	10.0 03L	--	2.	.6 02L
81-06-04	1200	467	--	--	5.9	.6	10.0	--	2.	--

DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2			(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-06-05	1200	467	--	1.6	--	1.56 12L	--	--	--	--
80-06-12	1200	467	--	1.3	--	.02 12L	--	--	--	--

DATE	TIME/	SUB-ID/	07010L	10116L	07505L	97251S	97261S
YMD/AMJ	HEURE	SOUS-ID	NITROGEN	ALKALINITY	NITROGEN	DEPTH OF	DEPTH OF
			TOTAL	TOTAL	TOTAL	SAMPLING	SAMPLING
			KJELDAHL	UNFILT	AMMONIA	FROM SURF.	FROM BOTTOM
			N	CACO3	N	M	M
			MG/L	MG/L	MG/L		
80-06-05	1200	467	.384	65.0	--	--	0.0
80-06-12	1200	467	.485	23.0	--	--	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NN10T0011

LAKE IN COL ON SOUTH SIDE OF BAIRD
ELEV. 300 M ASL.

INLET, ELLESMERE ISLAND, N. W. T.
NTS MAP 39F&39E 1/250,000

LAT. 78D 29M 30S LONG. 76D 31M 28S

ABOUT 43KM WSW OF REF STN 30NW10T0015

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS			
80-06-06	1200	467	--	19.1	--	35.	--	6.6	--	5.
80-06-07	1200	467	--	19.0	--	28.	--	6.5	2.0	5.
81-06-23	1200	467	--	20.0	--	10.	6.2	6.1	.4	--

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
REL. UNITS	CO3 MG/L	HC03 MG/L	CAC03 MG/L	CA MG/L	MG MG/L	CAC03 MG/L				
80-06-06	1200	467	--	--	0.0	--	--	2.70	1.0	10.9
80-06-07	1200	467	--	--	0.0	--	--	2.00	.9	8.7
81-06-23	1200	467	5.	0.	0.0	1.	1.0	L.10	.0	Q.4

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	S102 MG/L			
80-06-06	1200	467	--	--	1.3	.5	2.3 03L	--	2.	2.7 02L
80-06-07	1200	467	--	--	1.7	.6	2.3 03L	--	2.	1.4 02L
81-06-23	1200	467	--	--	.4	L.1	.5	--	L1.	--

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-06-06	1200	467	--	1.2	--	.00 12L	--	--	--	--
80-06-07	1200	467	--	1.2	--	.00 12L	--	--	--	--

DATE	TIME/	SUB-ID/ YMD/AMJ HEURE SOUS-ID	07010L NITROGEN TOTAL KJELDAHL N	10116L ALKALINITY TOTAL UNFILT CAC03 N	07505L NITROGEN TOTAL AMMONIA N	97251S DEPTH OF SAMPLING FROM SURF. M	97261S DEPTH OF SAMPLING FROM BOTTOM M
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-06-06	1200	467	.882	19.0	--	--	0.0
80-06-07	1200	467	.250	13.0	--	--	0.0

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NW10TC0012
LAKE IN BEDROCK BASIN ON SOUTH SIDE OF BAIRD INLET, ELLESMERE ISLAND, N.W.T. ABOUT 48KM WSW OF REF STN 30NW10TC0015
ELEV. 295 M ASL. NTS MAP 39F&39E 1/250,000

LAT. 78D 29M 30S LONG. 76D 46M 10S

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-06-25	1200	467	--	20.0	--	10.	6.0	6.1	.2	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	CACO3	HC03	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CACO3
					MG/L	MG/L				MG/L
81-06-25	1200	467	5.	00.	0.0	01.	11.0	1.10	.0	0.4
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
				MG/L						
81-06-25	1200	467	--	--	.4	L.1	.6	--	1.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NW10TC0021

LAKE, EASTERN END KNUD PENINSULA.
ELEV. 70 M ASL.

ELLESMERE ISLAND, N. W. T.
NTS MAP 39G 1/250,000

LAT. 79D 6M 05 LONG. 76D 6M 11S
ABOUT 62 KM NNW OF REF STN 30NW10TC001

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			MATER	MATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-06-11	1200	467	--	--	--	175.	7.5	7.3	.2	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HC03	CAC03	CA	MG	(CALCD.)
				MG/L	CAC03	MG/L	MG/L	MG/L	MG/L	CAC03
					MG/L					MG/L
81-06-11	1200	467	10.	0.	0.0	91.	75.0	19.80	7.3	79.5
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	S102
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-11	1200	467	--	--	3.1	1.4	5.6	--	3.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	DISSOLVED	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2		PARTICUL.	(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-11	1200	467	--	--	--	--	.21	--	--	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NW10TC0028

ICE-DAMMED LAKE ON NW SIDE OF SAATE
ELEV. 325 M ASL.

GLACIER, JOHAN PENN. ELLESMERE
NTS MAP 39F + 39E 1/250,000

LAT. 78D 49M 48S LONG. 75D 10M 05
IS. NWT ABOUT 26KM NNW OF REF STN 30NW10TC0015

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS				
81-06-18	1200	467		--	20.0	--	13.	5.8	6.6	.3	--
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN CACO3	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CACO3
REL. UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-18	1200	467		5.	00.	0.0	01.	11.0	1.10	.1	0.5
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED NA	19103L POTASSIUM DISSOLVED K	17206L CHLORIDE DISSOLVED CL	09105L FLUORIDE DISSOLVED F	16306L SULPHATE DISSOLVED S04	14105L SILICA REACTIVE S102
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
81-06-18	1200	467		--	--	.8	L.1	1.3	--	1.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NM10TC0030

"WEST LAKE", WESTERN PIM ISLAND,
ELEV. 315 M ASL.

ELLESMERE ISLAND, N. W. T.
NTS MAP 39F +39E 1/250,000

LAT. 78D 44M 17S LONG. 74D 37M 59S
ABOUT 14KM N. OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L	
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR	
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT	
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS	
81-06-07	1200	467	--	20.0	--	53.	4.3	7.2	--	15.	
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L	
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS	
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL	
			REL. UNITS	CO3	PHTHALEIN	HC03	CAC03	CA	MG	CAC03	
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
81-06-07	1200	467	--	0.	0.0	14.	11.4	06L	2.45	1.6	12.5
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L	
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA	
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE	
			MG/L	SOLIDS	NA	K	CL	F	S04	S102	
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
81-06-07	1200	467	--	--	4.0	.4	8.0	03L	--	3.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L	
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS	
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL	
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2	N	N	(CALCD.)	DISSOLVED	
			C	C	C	N	MG/L	MG/L	N	P	
			MG/L	MG/L	MG/L	MG/L			MG/L	MG/L	
81-06-07	1200	467	--	--	--	.02	12L	--	--	--	--
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P	
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON	
			TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.	
			P	P	B	AS	SE	MN	MN	FE	
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
81-06-07	1200	467	.017	13L	--	--	--	--	--	--	
DATE	TIME/	SUB-ID/	07010L	10116L	07505L	97251S	97261S				
YMD/AMJ	HEURE	SOUS-ID	NITROGEN	ALKALINITY	NITROGEN	DEPTH OF	DEPTH OF				
			TOTAL	TOTAL	TOTAL	SAMPLING	SAMPLING				
			KJELDAHL	UNFILT	AMMONIA	FROM SURF.	FROM BOTTOM				
			N	CAC03	N	M	M				
			MG/L	MG/L	MG/L						
81-06-07	1200	467	.704	--	.032	--	--				

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NN10TC0031

"BASIN LAKE" (SMALL) PIM ISLAND,
ELEV. 330 M ASL.

ELLESMERE ISLAND, N.W.T.
NTS MAP 39F + 39E 1/250,000

LAT. 78D 43M 23S LONG. 74D 36M 05
ABOUT 12KM N. OF REF STN 30NN10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-06-08	1200	467	--	20.0	--	55.	5.9	6.3	.3	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CACO3
										MG/L
81-06-08	1200	467	5.	0.	0.0	6.	5.0	1.90	1.2	9.7
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	SO4	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
				MG/L						
81-06-08	1200	467	--	--	4.6	.5	8.6	--	4.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2			(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-08	1200	467	--	--	--	--	.11	--	--	--
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON
			TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.
			P	P	B	AS	SE	MN	MN	FE
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-08	1200	467	.120	--	--	--	--	--	--	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NN10TC0032
"HIGH LAKE" (SMALL) PIM ISLAND,
ELEV. 470 M ASL.

ELLESMERE ISLAND, N.W.T.
NTS MAP 39F + 39E 1/250,000

LAT. 78D 42M 42S LONG. 74D 22M 17S
ABOUT 12KM NE OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
YMD/AMJ	HEURE	SOUS-ID	DEG. C.	DEG. C.	CONDUCT.	CONDUCT.	PH UNITS	PH UNITS	JTU	APPARENT
81-06-06	1200	467	--	20.0	--	100.	4.1	6.7	.4	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBON.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
YMD/AMJ	HEURE	SOUS-ID	TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
YMD/AMJ	HEURE	SOUS-ID	REL. UNITS	CO3	CACO3	HC03	CACO3	CA	MG	CAC03
YMD/AMJ	HEURE	SOUS-ID	REL. UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-06	1200	467	5.	0.	0.0	11.	9.0	3.60	1.7	16.0
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
YMD/AMJ	HEURE	SOUS-ID	NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
YMD/AMJ	HEURE	SOUS-ID	MG/L	(CALCD.)	NA	K	CL	F	S04	S102
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-06	1200	467	--	--	5.5	.5	9.4	--	12.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
YMD/AMJ	HEURE	SOUS-ID	DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	DISSOLVED	TOTAL	TOTAL
YMD/AMJ	HEURE	SOUS-ID	INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2	NO3 & NO2	PARTICUL.	(CALCD.)	DISSOLVED
YMD/AMJ	HEURE	SOUS-ID	C	C	C	N	N	N	N	P
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-06	1200	467	--	--	--	--	.16	--	--	--
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON
YMD/AMJ	HEURE	SOUS-ID	TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.
YMD/AMJ	HEURE	SOUS-ID	P	P	B	AS	SE	MN	MN	FE
YMD/AMJ	HEURE	SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-06	1200	467	.007	--	--	--	--	--	--	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NM10TC0033

SMALL LAKE, SE SIDE OF PIM ISLAND,
ELEV. 260 M ASL.

ELLESMERE ISLAND, N.W.T.
NTS MAP 39F & 39E 1/250,000

LAT. 78D 42M 18S LONG. 74D 31M 05
11.5KM NNE OF REF STN 30NW10TC0015

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	02061F TEMP. WATER DEG. C.	02061L TEMP. WATER DEG. C.	02041F SPECIFIC CONDUCT. USIE/CM	02041L SPECIFIC CONDUCT. USIE/CM	10301F PH PH UNITS	10301L PH PH UNITS	02073L TURBIDITY JTU	02011L COLOUR APPARENT REL. UNITS
80-06-09	1200	467	--	19.1	--	47.	--	6.4	2.0	5.
	1205	467	--	19.1	--	48.	--	6.7	14.0	40.
80-06-16	1200	467	--	19.1	--	43.	--	6.4	2.0	5.
81-06-06	1200	467	--	20.0	--	48.	6.3	6.3	.6	--

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	02021L COLOUR TRUE REL. UNITS	06301L CARBONATE (CALCD.) CO3 MG/L	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	06201L BICARBONT. (CALCD.) HCO3 MG/L	10101L ALKALINITY TOTAL CACO3 MG/L	20103L CALCIUM DISSOLVED CA MG/L	12102L MAGNESIUM DISSOLVED MG MG/L	10602L HARDNESS TOTAL (CALCD.) CACO3 MG/L
80-06-09	1200	467	--	--	0.0	--	--	1.10	.9	6.5
	1205	467	--	--	0.0	--	--	1.10	1.8	10.2
80-06-16	1200	467	--	--	0.0	--	--	.90	1.0	6.4
81-06-06	1200	467	5.	0.	0.0	4.	3.0	1.00	.1	2.9

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	10401L RESIDUE NONFILTR. MG/L	00201L TOTAL DISSOLVED SOLIDS (CALCD.) MG/L	11103L SODIUM DISSOLVED NA MG/L	19103L POTASSIUM DISSOLVED K MG/L	17206L CHLORIDE DISSOLVED CL MG/L	09105L FLUORIDE DISSOLVED F MG/L	16306L SULPHATE DISSOLVED SO4 MG/L	14105L SILICA REACTIVE SI02 MG/L
80-06-09	1200	467	--	--	5.0	.8	10.2 03L	--	2.	.3 02L
	1205	467	--	--	4.2	.5	9.2 03L	--	3.	1.6 02L
80-06-16	1200	467	--	--	4.6	.6	9.8 03L	--	2.	.3 02L
81-06-06	1200	467	--	--	4.4	.6	7.8	--	2.	--

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	06152L CARBON DISSOLVED INORGANIC C MG/L	06104L CARBON DISSOLVED ORGANIC C MG/L	06902L CARBON ORGANIC PARTICUL. C MG/L	07110L NITROGEN DISSOLVED NO3 & NO2 N MG/L	07651L NITROGEN DISSOLVED N MG/L	07902L NITROGEN PARTICUL. N MG/L	07603L NITROGEN TOTAL (CALCD.) N MG/L	15103L PHOSPHORUS TOTAL DISSOLVED P MG/L
80-06-09	1200	467	--	.9	--	.01 12L	--	--	--	--
	1205	467	--	1.3	--	.17 12L	--	--	--	--
80-06-16	1200	467	--	.6	--	.01 12L	--	--	--	--
81-06-06	1200	467	--	--	--	--	.13	--	--	--

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	15406L PHOSPHORUS TOTAL P MG/L	15901L PHOSPHORUS PARTICULATE (CALCD.) P MG/L	05105L BORON DISSOLVED B MG/L	33104L ARSENIC DISSOLVED AS MG/L	34102L SELENIUM DISSOLVED SE MG/L	25304P MANGANESE EXTRBLE. MN MG/L	25104L MANGANESE DISSOLVED MN MG/L	26304P IRON EXTRBLE. FE MG/L
81-06-06	1200	467	.013	--	--	--	--	--	--	--

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	07010L NITROGEN TOTAL KJELDAHL N MG/L	10116L ALKALINITY TOTAL UNFILT CACO3 MG/L	07505L NITROGEN TOTAL AMMONIA N MG/L	97251S DEPTH OF SAMPLING FROM SURF. M	97261S DEPTH OF SAMPLING FROM BOTTOM M
80-06-09	1200	467	.664	7.0	--	--	--
	1205	467	.371	7.0	--	--	0.0
80-06-16	1200	467	.348	6.0	--	--	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 01NW10TC0042

"CHANNEL LAKE" SW OF BEITSTAD FIORD, ELLESMERE ISLAND, N. W. T.
ELEV. 200 M ASL. NTS MAP 39G 1/250,000

LAT. 79D 2M 3S LONG. 78D 49M 35S
ABOUT 103KM NW OF REF STN 30NW10TC0015

			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
80-06-13	1200	467	--	19.1	--	143.	--	7.0	2.0	5.
	1205	467	--	19.1	--	137.	--	7.3	2.7	5.
	1210	467	--	19.1	--	190.	--	7.5	5.9	10.
			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN CAC03	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CAC03
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	REL. UNITS	CO3 MG/L	MG/L	HC03 MG/L	CAC03 MG/L	CA MG/L	MG MG/L	MG/L
80-06-13	1200	467	--	--	0.0	--	--	12.60	5.2	52.9
	1205	467	--	--	0.0	--	--	11.50	4.7	48.1
	1210	467	--	--	0.0	--	--	18.30	8.3	79.9
			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	S04 MG/L	S102 MG/L
80-06-13	1200	467	--	--	3.4	2.8	4.6 03L	--	35.	3.9 02L
	1205	467	--	--	3.5	2.5	5.3 03L	--	31.	4.0 02L
	1210	467	--	--	8.2	2.8	3.9 03L	--	6.	26.7 02L
			06152L CARBON DISSOLVED INORGANIC C	06104L CARBON DISSOLVED ORGANIC C	06902L CARBON ORGANIC PARTICUL. C	07110L NITROGEN DISSOLVED NO3 & NO2 N	07651L NITROGEN DISSOLVED N	07902L NITROGEN PARTICUL. N	07603L NITROGEN TOTAL (CALCD.) N	15103L PHOSPHORUS TOTAL DISSOLVED P
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
80-06-13	1200	467	--	2.5	--	.00 12L	--	--	--	--
	1205	467	--	2.6	--	.00 12L	--	--	--	--
	1210	467	--	6.1	--	.53 12L	--	--	--	--
			07010L NITROGEN TOTAL KJELDAHL N	10116L ALKALINITY TOTAL UNFILTR CAC03	07505L NITROGEN TOTAL AMMONIA N	97251S DEPTH OF SAMPLING FROM SURF. M	97261S DEPTH OF SAMPLING FROM BOTTOM M			
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	MG/L	MG/L	MG/L					
80-06-13	1200	467	.885	29.0	--	--	--			
	1205	467	.992	25.0	--	--	--			
	1210	467	.604	96.0	--	--	0.0			

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NM10TC0005 LAT. 78D 42M 34S LONG. 74D 43M 05
POND (SMALL), WEST OF RICE STRAIT N OF CAPE HERSCHEL, ELLESMERE ISLAND, N.W. ABOUT 10 KM N OF REF STN 30NW10TC0015
ELEV. 110 M ASL. NTS MAP 39F&39E 1/250,000

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-06-17	1200	467	--	20.0	--	42.	6.6	6.4	.7	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	C03	PTHALEIN	HCO3	CAC03	CA	MG	(CALCD.)
				MG/L	CAC03	MG/L	MG/L	MG/L	MG/L	CAC03
					MG/L					MG/L
81-06-17	1200	467	5.	0.	0.0	5.	4.0	1.10	1.1	7.3
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-17	1200	467	--	--	.4	.4	3.7	--	2.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NN10TC0018

POND (LARGE) ON SOUTH SIDE OF ROSSE
ELEV. 3 M ASL.

BAY (CAPE HERSCHEL) ELLESMERE ISLAND, N. W. T.
NTS MAP 39F&39E 1/250,000

LAT. 78D 36M 9S LONG. 74D 42M 50S

DATE TIME/ SUB-ID/ YMD/AMJ HEURE SOUS-ID			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-07-12	1200	467	--	20.0	--	190.	9.1	7.0	1.0	--
DATE TIME/ SUB-ID/ YMD/AMJ HEURE SOUS-ID			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.)
			REL. UNITS	CO3 MG/L	CACO3 MG/L	HCO3 MG/L	CACO3 MG/L	CA MG/L	MG MG/L	CACO3 MG/L
81-07-12	1200	467	--	0.	0.0	60.	49.0	10.30	7.0	54.5
DATE TIME/ SUB-ID/ YMD/AMJ HEURE SOUS-ID			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
			MG/L	MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L
81-07-12	1200	467	--	--	14.0	1.3	22.0	--	2.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NW10TC0020
POND ON NORTHEAST KNUD PENINSULA, (FLAGLER BAY) ELLESMERE ISLAND, N.W. T. ABOUT 65KM NNW OF REF STN 30NW10TC0015
ELEV. 8 M ASL. NTS MAP 39G 1/250,000

DATE TIME/ SUB-ID/ YMD/AMJ HEURE SOUS-ID			02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-07-05	1200	467	--	20.0	--	675.	8.9	7.2	.4	--
DATE TIME/ SUB-ID/ YMD/AMJ HEURE SOUS-ID			02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CAC03 MG/L
			REL. UNITS	CO3 MG/L	CAC03 MG/L	HC03 MG/L	CAC03 MG/L	CA MG/L	MG MG/L	MG/L
81-07-05	1200	467	10.	0.	0.0	96.	79.0	17.10	19.9	124.6
DATE TIME/ SUB-ID/ YMD/AMJ HEURE SOUS-ID			10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
			MG/L	NA MG/L	K MG/L	CL MG/L	F MG/L	SO4 MG/L	SI02 MG/L	
81-07-05	1200	467	--	--	80.0	4.7	135.0	--	32.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - **04NH10TC0023**
"CLIFF-EDGE" POND, S. COAST OF BACHE PENINSULA, ELLESMERE ISLAND, N.W.T. LAT. **79D 1M 59S** LONG. **75D 4M 05**
 ELEV. 370 M ASL. NTS MAP 39H + 29G 1/250,000 ABOUT 47KM N. OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L	
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR	
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT	
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS				
81-06-09	1200	467	--	20.0	--	258.	7.4	8.3	--	L5.	
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L	
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS	
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL	
REL. UNITS	REL. UNITS	REL. UNITS	REL. UNITS	CO3	PTHALAIN	HCO3	CACO3	CA	MG	(CALCD.)	
				MG/L	CACO3	MG/L	MG/L	MG/L	MG/L	CACO3	
					MG/L					MG/L	
81-06-09	1200	467	--	--	--	--	135.7	06L	29.30	13.8	129.9
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L	
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA	
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE	
MG/L	MG/L	MG/L	MG/L	(CALCD.)	NA	K	CL	F	S04	S102	
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
81-06-09	1200	467	--	--	2.8	.6	5.4	03L	--	1.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L	
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS	
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL	
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2	N	N	(CALCD.)	DISSOLVED	
MG/L	MG/L	MG/L	C	C	C	N	MG/L	MG/L	N	P	
									MG/L	MG/L	
81-06-09	1200	467	--	--	--	L.01	12L	--	--	--	
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P	
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON	
			TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.	
P	P	B	AS	SE	MN	MN	FE				
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L				
81-06-09	1200	467	.018	13L	--	--	--	--	--	--	
DATE	TIME/	SUB-ID/	07010L	10116L	07505L	97251S	97261S				
YMD/AMJ	HEURE	SOUS-ID	NITROGEN	ALKALINITY	NITROGEN	DEPTH OF	DEPTH OF				
			TOTAL	TOTAL	TOTAL	SAMPLING	SAMPLING				
			KJELDAHL	UNFILT	AMMONIA	FROM SURF.	FROM BOTTOM				
MG/L	MG/L	MG/L	N	CACO3	N	M	M				
81-06-09	1200	467	1.330	--	.170	--	--				

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
 NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NH10TC0024 LAT. 79D 2M 10S LONG. 77D 26M 59S
PLATEAU POND, KNUD PENINSULA N. OF HAAISLAND, ELLESMERE ISLAND, N. W. T. ABOUT 77KM NW OF REF STN 30NH10TC0015
ELEV. 665 M ASL. NTS MAP 39G 1/250,000

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-06-11	1200	467	--	20.0	--	48.	7.0	7.6	--	L5.
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBON.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	C03	PTHALEIN	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CACO3
										MG/L
81-06-11	1200	467	--	0.	0.0	27.	21.8 06L	3.18	1.7	15.0
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	S102
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
				MG/L						
81-06-11	1200	467	--	--	1.5	.9	2.1 03L	--	1.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2			(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-11	1200	467	--	--	--	L.01 12L	--	--	--	--
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON
			TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.
			P	P	B	AS	SE	MN	MN	FE
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-11	1200	467	.041 13L	--	--	--	--	--	--	--
DATE	TIME/	SUB-ID/	07010L	10116L	07505L	97251S	97261S			
YMD/AMJ	HEURE	SOUS-ID	NITROGEN	ALKALINITY	NITROGEN	DEPTH OF	DEPTH OF			
			TOTAL	TOTAL	TOTAL	SAMPLING	SAMPLING			
			KJELDAHL	UNFILT	AMMONIA	FROM SURF.	FROM BOTTOM			
			N	CACO3	N	M	M			
			MG/L	MG/L	MG/L					
81-06-11	1200	467	2.630	--	.720	--	--			

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - **04NN10TC0025** LAT. **78D 57M 54S** LONG. **75D 43M 05**
POND AT DIGARMULEN POINT, THORVALD PENINSULA, ELLESMERE ISLAND, N. W. T. ABOUT 46KM NE OF REF STN 30NN10TC0015
ELEV. 160 M ASL NTS MAP 39F + 39E 1/250,000

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS			
81-06-11	1200	467	--	20.0	--	31.	6.3	6.6	--	L5.
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
REL. UNITS	REL. UNITS	REL. UNITS	CO3	PHTHALEIN	HCO3	CACO3	CA	MG	MG	(CALCD.)
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CACO3
										MG/L
81-06-11	1200	467	--	0.	0.0	11.	8.8 06L	1.49	.8	7.2
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
MG/L	MG/L	MG/L	NA	K	CL	F	S04	S102	MG/L	MG/L
81-06-11	1200	467	--	--	1.2	.6	1.9 03L	--	6.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2			(CALCD.)	DISSOLVED
MG/L	MG/L	MG/L	C	C	C	N	N	N	N	P
81-06-11	1200	467	--	--	--	.24 12L	--	--	--	--
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON
			TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.
MG/L	MG/L	MG/L	P	P	B	AS	SE	MN	MN	FE
81-06-11	1200	467	.018 13L	--	--	--	--	--	--	--
DATE	TIME/	SUB-ID/	07010L	10116L	07505L	97251S	97261S			
YMD/AMJ	HEURE	SOUS-ID	NITROGEN	ALKALINITY	NITROGEN	DEPTH OF	DEPTH OF			
			TOTAL	TOTAL	TOTAL	SAMPLING	SAMPLING			
			KJELDAHL	UNFILT	AMMONIA	FROM SURF.	FROM BOTTOM			
MG/L	MG/L	MG/L	N	CACO3	N	M	M			
81-06-11	1200	467	.619	--	.014	--	--			

FOOTNOTE: L - LESS THAN DETECTION LIMIT
 NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
 G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NM10TC0026
POND, SKRAELING ISLAND,
ELEV. 75 M ASL.

ELLESMERE ISLAND, N.W.T.
NTS MAP 39F + 39E 1/250,000

LAT. 78D 54M 29S LONG. 75D 38M 30S
ABOUT 39KM NNW OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-06-16	1200	467	--	20.0	--	132.	6.3	6.5	--	15.
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL UNITS	CO3	CAC03	HCO3	CAC03	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-16	1200	467	--	0.	0.0	11.	8.8 06L	6.77	5.2	38.3
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	(CALCD.)	NA	K	CL	F	SO4	SI02
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-16	1200	467	--	--	4.4	2.1	5.6 03L	--	39.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	PARTICUL.	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2			(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-16	1200	467	--	--	--	L.01 12L	--	--	--	--
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON
			TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.
			P	P	B	AS	SE	MN	MN	FE
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-16	1200	467	.008 13L	--	--	--	--	--	--	--
DATE	TIME/	SUB-ID/	07010L	10116L	07505L	97251S	97261S			
YMD/AMJ	HEURE	SOUS-ID	NITROGEN	ALKALINITY	NITROGEN	DEPTH OF	DEPTH OF			
			TOTAL	TOTAL	TOTAL	SAMPLING	SAMPLING			
			KJELDAHL	UNFILT	AMMONIA	FROM SURF.	FROM BOTTOM			
			N	CAC03	N	M	M			
			MG/L	MG/L	MG/L					
81-06-16	1200	467	.917	--	.069	--	--			

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NM10TC0027

LAT. 78D 50M 12S LONG. 75D 10M 0S

"KETTLE" POND (SMALL) NW OF SAATE GL., JOHAN PENN., ELLESMERE ISLAND, N.W.T. ABOUT 27KM NNW OF REF STN 30NW10TC0015
ELEV. 325 M ASL. NTS MAP 39F + 39E 1/250,000

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-06-18	1200	467	--	20.0	--	14.	6.1	6.8	--	15.
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PHTHALEIN	HC03	CAC03	CA	MG	CAC03
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-18	1200	467	--	0.	0.0	7.	5.5 06L	.57	.3	2.6
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-18	1200	467	--	--	.8	.3	1.1 03L	--	3.	--
DATE	TIME/	SUB-ID/	06152L	06104L	06902L	07110L	07651L	07902L	07603L	15103L
YMD/AMJ	HEURE	SOUS-ID	CARBON	CARBON	CARBON	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOSPHORUS
			DISSOLVED	DISSOLVED	ORGANIC	DISSOLVED	DISSOLVED	DISSOLVED	TOTAL	TOTAL
			INORGANIC	ORGANIC	PARTICUL.	NO3 & NO2	N	N	(CALCD.)	DISSOLVED
			C	C	C	N	N	N	N	P
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-06-18	1200	467	--	--	--	L.01 12L	--	--	--	--
DATE	TIME/	SUB-ID/	15406L	15901L	05105L	33104L	34102L	25304P	25104L	26304P
YMD/AMJ	HEURE	SOUS-ID	PHOSPHORUS	PHOSPHORUS	BORON	ARSENIC	SELENIUM	MANGANESE	MANGANESE	IRON
			TOTAL	PARTICULATE	DISSOLVED	DISSOLVED	DISSOLVED	EXTRBLE.	DISSOLVED	EXTRBLE.
			P	P	B	AS	SE	MN	MN	FE
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
	1200	467	.006 13L	--	--	--	--	--	--	--
DATE	TIME/	SUB-ID/	07010L	10116L	07505L	97251S	97261S			
YMD/AMJ	HEURE	SOUS-ID	NITROGEN	ALKALINITY	NITROGEN	DEPTH OF	DEPTH OF			
			TOTAL	TOTAL	TOTAL	SAMPLING	SAMPLING			
			KJELDAHL	UNFILT	AMMONIA	FROM SURF.	FROM BOTTOM			
			N	CAC03	N	M	M			
			MG/L	MG/L	MG/L					
81-06-18	1200	467	.353	--	.057	--	--			

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NW10TC0029

POND, ON PIM ISLAND, ON NORTH-SLOPING PLATEAU, ELLESMERE ISLAND, N.W.T.
ELEV. 270 M ASL.

LAT. 78D 44M 12S LONG. 74D 22M 0S

ABOUT 17KM NE OF REF STN 30NW10TC0015

NTS MAP 39F + 39E 1/250,000

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS			
81-07-04	1200	467	--	20.0	--	82.	8.0	7.9	--	L5.

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN CACO3	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CACO3
REL. UNITS	CO3 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CA MG/L	MG MG/L	MG/L	
81-07-04	1200	467	--	0.	0.0	41.	33.3 06L	8.20	3.2	33.7

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE SOUS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-04	1200	467	--	--	2.3	.4	4.1 03L	--	1.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NH10TC0034 LAT. 78D 42M 24S LONG. 74D 49M 05
POND (SMALL) ON N-SIDE LEFFERT GLACIER IN MORAINÉ RIDGE, ELLESMERE ISLAND NWT ABOUT 11KM N. OF REF STN 30NW10TC0015
ELEV. 50 M ASL. NTS MAP 39F + 39E 1/250,000

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT	
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS	
81-07-21	1200	467		--	20.0	--	75.	6.9	7.6	--	L5.	
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	REL. UNITS	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PTHALEIN CAC03 MG/L	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CAC03 MG/L	
81-07-21	1200	467		--	0.	0.0	17.	14.0 06L	4.36	2.1	19.5	
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	REL. UNITS	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
81-07-21	1200	467		--	--	4.1	.5	8.6 03L	--	5.	--	

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NW10TC0035

NUNATAK POND, LEFFERT GLACIER,
ELEV. 165 M ASL.

JOHAN PENN., ELLESMERE ISLAND,
NTS MAP 39F + 39E 1/250,000

LAT. 78D 39M 16S LONG. 75D 5M 49S
N. W. T. ABOUT 11KM NW OF REF STN 30NW10TC0015

DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	02061F TEMP. WATER	02061L TEMP. WATER	02041F SPECIFIC CONDUCT.	02041L SPECIFIC CONDUCT.	10301F PH	10301L PH	02073L TURBIDITY	02011L COLOUR APPARENT
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS				
81-07-03	1200	467	--	--	20.0	--	6.	5.5	5.9	--	15.
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	02021L COLOUR TRUE	06301L CARBONATE (CALCD.)	10151L ALKALINITY PHENOL PHTHALEIN CACO3 MG/L	06201L BICARBONT. (CALCD.)	10101L ALKALINITY TOTAL	20103L CALCIUM DISSOLVED	12102L MAGNESIUM DISSOLVED	10602L HARDNESS TOTAL (CALCD.) CACO3 MG/L
REL. UNITS	CO3 MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
81-07-03	1200	467	--	--	0.	0.0	3.	2.2 06L	.15	.1	.8
DATE	TIME/ YMD/AMJ	SUB-ID/ HEURE	SUBS-ID	10401L RESIDUE NONFILTR.	00201L TOTAL DISSOLVED SOLIDS (CALCD.)	11103L SODIUM DISSOLVED	19103L POTASSIUM DISSOLVED	17206L CHLORIDE DISSOLVED	09105L FLUORIDE DISSOLVED	16306L SULPHATE DISSOLVED	14105L SILICA REACTIVE
MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
81-07-03	1200	467	--	--	--	.5	0.	L.5 03L	--	0.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NN10TC0036

MORaine POND (SMALL) SW-SIDE OF ROSSE BAY, ELLESMERE ISLAND, N.W.T
ELEV. 45 M ASL.

LAT. 78D 37M 26S LONG. 74D 48M 05
ABOUT 3KM NW OF REF STN 30NW10TC0015

NTS MAP 39F + 39 E 1/250,000

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-07-25	1200	467	--	20.0	--	248.	8.0	7.8	.6	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CACO3
										MG/L
81-07-25	1200	467	10.	0.	0.0	137.	112.0	29.90	9.3	113.0
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
				MG/L						
81-07-25	1200	467	--	--	9.5	.5	13.0	--	5.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - **04NW10TC0037** LAT. **78D 36M 51S** LONG. **74D 48M 25S**
POND (VERY SMALL) IN LATERAL MORAINÉ, SW SIDE, ROSSE BAY, ELLESMERE IS. NWT ABOUT 5KM NW OF REF STN 30NW10TC0015
ELEV. 175 M ASL. NTS MAP 39F + 39 E 1/250,000

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-07-28	1200	467	--	20.0	--	75.	6.4	6.2	--	10.
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	MG/L	PHTHALEIN	MG/L	MG/L	MG/L	MG/L	(CALCD.)
				CO3	CACO3	HCO3	CACO3	CA	MG	CACO3
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-28	1200	467	--	0.	0.0	6.	4.6 06L	2.03	1.4	11.0
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
				MG/L						
81-07-28	1200	467	--	--	8.1	.4	18.0 03L	--	3.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION # 04NH10TC0038
SMALL POND (IN GRANITE), CAPE HERSCHEL ELLESMERE ISLAND, N.W.T.
ELEV. 40 M ASL. NTS MAP 39F + 39E 1/250,000
LAT. 78D 36M 43S LONG. 74D 41M 37S
ABOUT 1.4KM NW OF REF STN 30NH10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS			
81-07-14	1200	467	--	20.0	--	287.	8.3	8.0	--	5.
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HC03	CAC03	CA	MG	(CALCD.)
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-14	1200	467	--	0.	0.0	146.	120.1 06L	28.10	11.5	117.4
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	(CALCD.)	NA	K	CL	F	S04	SI02
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-14	1200	467	--	--	13.3	.7	19.2 03L	--	4.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NN10TC0039

POND (SMALL) IN VALLEY WEST OF ELISON LAKE, ELLESMERE ISLAND, N. W. T.
ELEV. 130 M ASL.

LAT. 78D 36M 6S LONG. 74D 45M 59S
ABOUT 0.5KM WEST OF STN 01NW10TC0017

NTS MAP 39F + 39E 1/250,000

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-07-26	1200	467	--	20.0	--	25.	6.4	6.9	.2	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-26	1200	467	5.	0.	0.0	2.	2.0	1.30	1.0	7.4
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	SO4	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-26	1200	467	--	--	1.7	L.1	3.6	--	1.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NW10TC0040
SNOWBANK POND (SMALL) CAPE HERSCHEL PLATEAU, ELLESMERE ISLAND, N.W.T. LAT. 78D 35M 22S LONG. 74D 38M 48S
ELEV. 245 M ASL. NTS MAP 39F + 39E 1/250,000 ABOUT 1KM SE OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-07-07	1200	467	--	20.0	--	129.	7.7	7.4	.3	--
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HC03	CAC03	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-07	1200	467	5.	0.	0.0	52.	43.0	10.50	6.4	52.6
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	(CALCD.)	NA	K	CL	F	S04	SI02
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-07	1200	467	--	--	4.8	.4	10.0	--	3.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT G - GREATER THAN MEASUREMENT LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NH10TC0041
POND (SMALL) EASTERN CAPE HERSCHEL PLATEAU, ELLESMERE ISLAND, N.W.T. LAT. 78D 34M 54S LONG. 74D 36M 6S
ELEV. 215 M ASL. NTS MAP 39F + 39E 1/250,000 ABOUT 8KM SSE OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-07-22	1200	467	--	20.0	--	121.	7.6	7.3	--	L5.
DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHALEIN	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	CACO3	MG/L	MG/L	MG/L	MG/L	CACO3
81-07-22	1200	467	--	0.	0.0	38.	31.5 06L	7.79	4.6	38.4
DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-07-22	1200	467	--	--	6.2	.4	17.4 03L	--	3.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

DETAILED WATER QUALITY DATA 1980-1981
NORTHWEST TERRITORIES

STATION - 04NM10TC0043
NUNATAK POND, STYGGE GLACIER,
ELEV. 335 M ASL.

ELLESMERE ISLAND, N.W.T.
NTS MAP 39F + 39E 1

LAT. 78D 43M 49S LONG. 78D 27M 44S
ABOUT 85KM W OF REF STN 30NW10TC0015

DATE	TIME/	SUB-ID/	02061F	02061L	02041F	02041L	10301F	10301L	02073L	02011L
YMD/AMJ	HEURE	SOUS-ID	TEMP.	TEMP.	SPECIFIC	SPECIFIC	PH	PH	TURBIDITY	COLOUR
			WATER	WATER	CONDUCT.	CONDUCT.				APPARENT
			DEG. C.	DEG. C.	USIE/CM	USIE/CM	PH UNITS	PH UNITS	JTU	REL. UNITS
81-05-29	1200	467	--	20.0	--	131.	7.7	7.4	--	L5.

DATE	TIME/	SUB-ID/	02021L	06301L	10151L	06201L	10101L	20103L	12102L	10602L
YMD/AMJ	HEURE	SOUS-ID	COLOUR	CARBONATE	ALKALINITY	BICARBONT.	ALKALINITY	CALCIUM	MAGNESIUM	HARDNESS
			TRUE	(CALCD.)	PHENOL	(CALCD.)	TOTAL	DISSOLVED	DISSOLVED	TOTAL
			REL. UNITS	CO3	PTHHALEIN	HCO3	CACO3	CA	MG	(CALCD.)
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	CACO3
										MG/L
81-05-29	1200	467	--	--	0.0	--	28.8 06L	4.55	5.2	--

DATE	TIME/	SUB-ID/	10401L	00201L	11103L	19103L	17206L	09105L	16306L	14105L
YMD/AMJ	HEURE	SOUS-ID	RESIDUE	TOTAL	SODIUM	POTASSIUM	CHLORIDE	FLUORIDE	SULPHATE	SILICA
			NONFILTR.	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	DISSOLVED	REACTIVE
			MG/L	SOLIDS	NA	K	CL	F	S04	SI02
				(CALCD.)	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
81-05-29	1200	467	--	--	9.1	2.5	12.6 03L	--	17.	--

FOOTNOTE: L - LESS THAN DETECTION LIMIT
NOTEZ BIEN: L - PLUS PETIT QUE LA LIMITE DE DETECTION

G - GREATER THAN MEASUREMENT LIMIT
G - PLUS GRAND QUE LA LIMITE MESURE

Alphabetical Station Index
Index alphabétique des stations

WATER QUALITY STATIONS : ALPHABETICAL INDEX

NORTHWEST TERRITORIES

Location Description	Station Number Station Parameters	Latitude			Longitude			Page	Map Number
		°	'	"	°	'	"		
'BASIN LAKE' (SMALL) PIM ISLAND, ELLESMERE ISLAND, N.W.T. ABOUT 12KM N. OF REF STN 30NW10TC0015 ELEV. 330 M ASL. NTS MAP 39F & 39E 1:250 000	01NW10TC0031	78	43	25	74	36	0	60	21
'CHANNEL LAKE' SW OF BEITSTAD FIORD, ELLESMERE ISLAND, N.W.T. ABOUT 103KM NW OF REF STN 30NW10TC0015 ELEV. 200 M ASL. NTS MAP 39G 1:250 000	01NW10TC0042	79	2	50	78	50	0	63	22
'CLIFF-EDGE' POND, S. COAST OF BACHE PENINSULA, ELLESMERE ISLAND, N.W.T. ABOUT 47KM N. OF REF STN 30NW10TC0015 ELEV. 370 M ASL. NTS MAP 39H & 29G 1:250 000	04NW10TC0023	79	2	0	75	4	0	67	23
'HIGH LAKE' (SMALL) PIM ISLAND, ELLESMERE ISLAND, N.W.T. ABOUT 12KM NE OF REF STN 30NW10TC0015 ELEV. 470 M ASL. NTS MAP 39F & 39E 1:250 000	01NW10TC0032	78	41	55	74	22	15	61	24
'KETTLE' POND (SMALL) NW OF SAATE GL., JOHAN PENN., ELLESMERE ISLAND, N.W.T. ABOUT 27KM NNW OF REF STN 30NW10TC0015 ELEV. 325 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0027	78	50	10	75	10	0	71	25
'WEST LAKE', WESTERN PIM ISLAND, ELLESMERE ISLAND, N.W.T. ABOUT 14KM N. OF REF STN 30NW10TC0015 ELEV. 315 M ASL. NTS MAP 39F & 39E 1:250 000	01NW10TC0030	78	44	20	74	38	0	59	26
ANDERSON RIVER BELOW CARNWATH RIVER, NORTHWEST TERRITORIES	00NW10NC0001 97900S001	68	38	0	128	24	30	39	1
BACK RIVER BELOW DEEP ROSE LAKE, NORTHWEST TERRITORIES	00NW10RC0001 97900S001	66	5		96	30		47	2
BAKER LAKE 1 MILE FROM BAKER LAKE SETTLEMENT, NORTHWEST TERRITORIES	01NW06MA0001 97900S001	64	19	10	96	1	50	49	3
CAMSELL RIVER AT OUTLET OF CLUT LAKE, NORTHWEST TERRITORIES	00NW10JA0001 97900S002	65	36	0	117	45	30	24	4
COPPERMINE RIVER AT OUTLET OF POINT LAKE, NORTHWEST TERRITORIES	00NW10PB0001 97900S001	65	25	0	114	0	30	41	5
ELLICE RIVER NEAR MOUTH, NORTHWEST TERRITORIES	00NW10QD0001 97900S001	67	42	30	104	8	30	45	6

WATER QUALITY STATIONS : ALPHABETICAL INDEX

NORTHWEST TERRITORIES

Location Description	Station Number Station Parameters	Latitude			Longitude			Page	Map Number
		°	'	"	°	'	"		
MORAIN POND (SMALL) SW-SIDE OF ROSSE BAY, ELLESMERE ISLAND, N.W.T. ABOUT 3KM NW OF REF STN 30NW10TC0015 ELEV. 45 M ASL. NTS MAP 39F & 39 E 1:250 000	04NW10TC0036	78	38	6	74	48	0	75	31
NUNATAK POND, LEFFERT GLACIER, JOHAN PENN., ELLESMERE ISLAND, N.W.T. ABOUT 11KM NW OF REF STN 30NW10TC0015 ELEV. 165 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0035	78	39	15	75	5	50	74	32
NUNATAK POND, STYGGE GLACIER, ELLESMERE ISLAND, N.W.T. ABOUT 85KM W OF REF STN 30NW10TC0015 ELEV. 335 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0043	78	44	20	78	29	25	81	33
PEEL RIVER ABOVE FORT MCPHERSON, NORTHWEST TERRITORIES	00NW10MC0001 97900S002	67	13	15	134	56	45	37	16
PLATEAU POND, KNUD PENINSULA N. OF HAA ISLAND, ELLESMERE ISLAND, N.W.T. ABOUT 77KM NW OF REF STN 30NW10TC0015 ELEV. 665 M ASL. NTS MAP 39G 1:250 000	04NW10TC0024	79	2	10	77	27	0	68	34
POND (LARGE) ON SOUTH SIDE OF ROSSE BAY (CAPE HERSCHEL) ELLESMERE ISLAND, N.W.T. ELEV. 3 M ASL. NTS MAP 39F&39E 1:250,000	04NW10TC0018	78	37	53	74	42	49	65	35
POND (SMALL) EASTERN CAPE HERSCHEL PLATEAU, ELLESMERE ISLAND, N.W.T. ABOUT 8KM SSE OF REF STN 30NW10TC0015 ELEV. 215 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0041	78	35	33	74	36	5	80	36
POND (SMALL) IN VALLEY WEST OF ELISON LAKE, ELLESMERE ISLAND, N.W.T. ABOUT 0.5KM WEST OF STN 01NW10TC0017 ELEV. 130 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0039	78	36	45	74	45	59	78	37
POND (SMALL) ON N-SIDE LEFFERT GLACIER IN MORAIN RIDGE, ELLESMERE ISLAND NWT ABOUT 11KM N. OF REF STN 30NW10TC0015 ELEV. 50 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0034	78	42	25	74	49	0	73	38
POND (SMALL), WEST OF RICE STRAIT N OF CAPE HERSCHEL, ELLESMERE ISLAND, N.W.T ABOUT 10 KM N OF REF STN 30NW10TC0015 ELEV. 110 M ASL. NTS MAP 39F&39E 1:250,000	04NW10TC0005 97001S0.20	78	42	35	74	43	0	64	39

NORTHWEST TERRITORIES

WATER QUALITY STATIONS : ALPHABETICAL INDEX

Location Description	Station Number Station Parameters	Latitude			Longitude			Page	Map Number
		°	'	"	°	'	"		
FLAT RIVER NEAR MOUTH, NORTHWEST TERRITORIES	00NW10EA0004 97900S003	61	32	0	125	24	21	17	7
GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE NEAR FORT FRANKLIN, NORTHWEST TERRITORIES	00NW10JC0001 97900S003	65	8	0	123	31	0	26	8
HAY RIVER NEAR HAY RIVER NORTHWEST TERRITORIES	00NW07OB0001 97900S001	60	44	45	115	51	20	13	9
ICE-DAMMED LAKE ON NW SIDE OF SAATE GLACIER, JOHAN PENN. ELLESMERE IS. NWT ABOUT 26KM NNW OF REF STN 30NW10TC0015 ELEV. 325 M ASL. NTS MAP 39F & 39E 1:250 000	01NW10TC0028	78	49	50	75	10	0	58	27
KAZAN RIVER ABOVE KAZAN FALLS, NORTHWEST TERRITORIES	00NW06LC0001 97900S001	63	39	0	95	51	15	7	10
LAKE IN BEDROCK BASIN ON SOUTH SIDE OF BAIRD INLET, ELLESMERE ISLAND, N.W.T. ABOUT 48KM WSW OF REF STN 30NW10TC0015 ELEV. 295 M ASL. NTS MAP 39F&39E 1:250,000	01NW10TC0012 97001S15.5	78	29	30	76	46	10	56	28
LAKE IN COL ON SOUTH SIDE OF BAIRD INLET, ELLESMERE ISLAND, N.W.T. ABOUT 43KM WSW OF REF STN 30NW10TC0015 ELEV. 300 M ASL. NTS MAP 39F&39E 1:250,000	01NW10TC0011 97001S1.85	78	29	30	76	31	30	55	29
LAKE, EASTERN END KNUD PENINSULA, ELLESMERE ISLAND, N.W.T. ABOUT 62KM NNW OF REF STN 30NW10TC0015 ELEV. 70 M ASL. NTS MAP 396 1 250 000	01NW10TC0021	79	6	0	76	6	10	57	30
LIARD RIVER ABOVE FORT SIMPSON, NORTHWEST TERRITORIES	00NW10ED0002 97900S002	61	44	24	121	13	11	19	11
LOCKHART RIVER BELOW ARTILLERY LAKE, NORTHWEST TERRITORIES	00NW07RD0001 97900S001	62	53	30	108	28	30	15	12
MACKENZIE RIVER ABOVE ARCTIC RED RIVER NORTHWEST TERRITORIES	00NW10LA0003	67	21	30	133	33	30	33	13
MACKENZIE RIVER AT NORMAN WELLS, NORTHWEST TERRITORIES	00NW10KA0001 97900S001	65	16	54	126	50	57	29	14
MACKENZIE RIVER NEAR FORT PROVIDENCE, NORTHWEST TERRITORIES	00NW10FB0001	61	15	0	118	3	0	22	15

WATER QUALITY STATIONS : ALPHABETICAL INDEX

NORTHWEST TERRITORIES

Location Description	Station Number Station Parameters	Latitude			Longitude			Page	Map Number
		°	'	"	°	'	"		
MORaine POND (SMALL) SW-SIDE OF ROSSE BAY, ELLESMERE ISLAND, N.W.T. ABOUT 3KM NW OF REF STN 30NW10TC0015 ELEV. 45 M ASL. NTS MAP 39F & 39 E 1:250 000	04NW10TC0036	78	38	6	74	48	0	75	31
NUNATAK POND, LEFFERT GLACIER, JOHAN PENN., ELLESMERE ISLAND, N.W.T. ABOUT 11KM NW OF REF STN 30NW10TC0015 ELEV. 165 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0035	78	39	15	75	5	50	74	32
NUNATAK POND, STYGGE GLACIER, ELLESMERE ISLAND, N.W.T. ABOUT 85KM W OF REF STN 30NW10TC0015 ELEV. 335 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0043	78	44	20	78	29	25	81	33
PEEL RIVER ABOVE FORT MCPHERSON, NORTHWEST TERRITORIES	00NW10MC0001 97900S002	67	13	15	134	56	45	37	16
PLATEAU POND, KNUD PENINSULA N. OF HAA ISLAND, ELLESMERE ISLAND, N.W.T. ABOUT 77KM NW OF REF STN 30NW10TC0015 ELEV. 665 M ASL. NTS MAP 39G 1:250 000	04NW10TC0024	79	2	10	77	27	0	68	34
POND (LARGE) ON SOUTH SIDE OF ROSSE BAY (CAPE HERSCHEL) ELLESMERE ISLAND, N.W.T. ELEV. 3 M ASL. NTS MAP 39F&39E 1:250,000	04NW10TC0018	78	37	53	74	42	49	65	35
POND (SMALL) EASTERN CAPE HERSCHEL PLATEAU, ELLESMERE ISLAND, N.W.T. ABOUT 8KM SSE OF REF STN 30NW10TC0015 ELEV. 215 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0041	78	35	33	74	36	5	80	36
POND (SMALL) IN VALLEY WEST OF ELISON LAKE, ELLESMERE ISLAND, N.W.T. ABOUT 0.5KM WEST OF STN 01NW10TC0017 ELEV. 130 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0039	78	36	45	74	45	59	78	37
POND (SMALL) ON N-SIDE LEFFERT GLACIER IN MORaine RIDGE, ELLESMERE ISLAND NWT ABOUT 11KM N. OF REF STN 30NW10TC0015 ELEV. 50 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0034	78	42	25	74	49	0	73	38
POND (SMALL), WEST OF RICE STRAIT N OF CAPE HERSCHEL, ELLESMERE ISLAND, N.W.T ABOUT 10 KM N OF REF STN 30NW10TC0015 ELEV. 110 M ASL. NTS MAP 39F&39E 1:250,000	04NW10TC0005 97001S0.20	78	42	35	74	43	0	64	39

NORTHWEST TERRITORIES

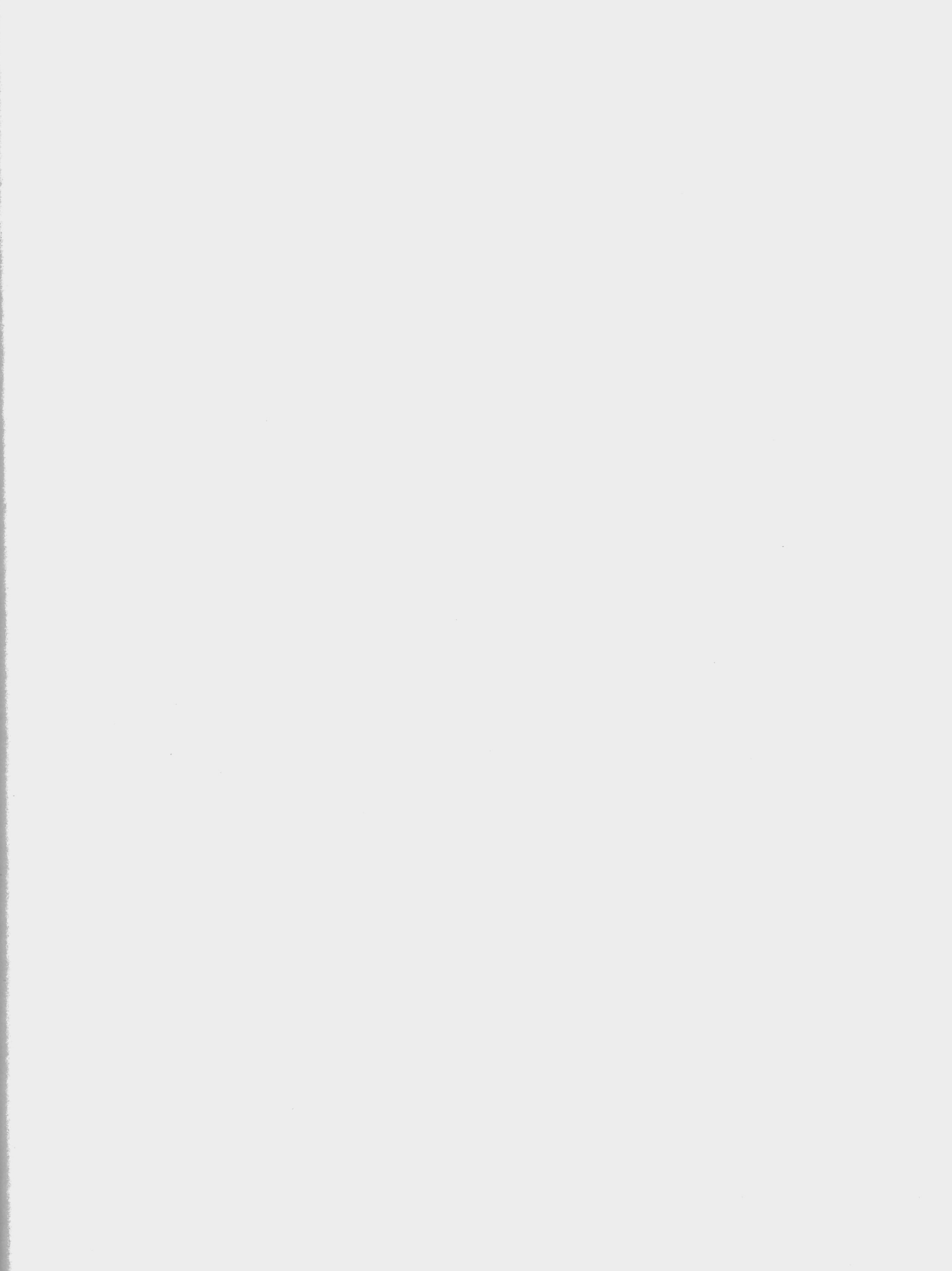
WATER QUALITY STATIONS : ALPHABETICAL INDEX

Location Description	Station Number Station Parameters	Latitude			Longitude			Page	Map Number
		°	'	"	°	'	"		
POND (VERY SMALL) IN LATERAL MORAINÉ, SW SIDE, ROSSE BAY, ELLESMERE IS. NWT ABOUT 5KM NW OF REF STN 30NW10TC0015 ELEV. 175 M ASL. NTS MAP 39F & 39 E 1:250 000	04NW10TC0037	78	37	30	74	48	25	76	40
POND AT DIGARMULEN POINT, THORVALD PENINSULA, ELLESMERE ISLAND, N.W.T. ABOUT 46KM NE OF REF STN 30NW10TC0015 ELEV. 160 M ASL NTS MAP 39F & 39E 1:250 000	04NW10TC0025	78	57	55	75	43	0	69	41
POND ON NORTHEAST KNUD PENINSULA, (FLAGLER BAY) ELLESMERE ISLAND, N.W.T. ABOUT 65KM NNW OF REF STN 30NW10TC0015 ELEV. 8 M ASL. NTS MAP 39G 1:250,000	04NW10TC0020	79	6	30	76	11	5	66	42
POND, ON PIM ISLAND, ON NORTH-SLOPING PLATEAU, ELLESMERE ISLAND, N.W.T. ABOUT 17KM NE OF REF STN 30NW10TC0015 ELEV. 270 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0029	78	44	10	74	22	0	72	43
POND, SKRAELING ISLAND, ELLESMERE ISLAND, N.W.T. ABOUT 39KM NNW OF REF STN 30NW10TC0015 ELEV. 75 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0026	78	54	30	75	38	30	70	44
PROTEUS LAKE, SE SIDE OF PIM ISLAND, ELLESMERE ISLAND, N.W.T. ABOUT 11KM NNE OF REF STN 30NW10TC0015 ELEV. 390 M ASL. NTS MAP 39F&39E 1:250,000	01NW10TC0007 97001S7.5 97305S3	78	41	40	74	23	0	54	45
QUOICH RIVER NEAR BAKER LAKE, NORTHWEST TERRITORIES	00NW06MB0001 97900S001	64	27	30	94	7	10	9	17
SLAVE RIVER NEAR DELTA, NWT.	00NW07NC0001	61	17	0	113	35	0	11	18
SMALL LAKE, SE-SIDE OF PIM ISLAND, ELLESMERE ISLAND, N.W.T. 11.5 KM NNE OF REF STN 30NW10TC0015 ELEV. 260 M ASL. NTS MAP 39F & 39E 1:250 000	01NW10TC0033	78	42	20	74	31	0	62	46
SMALL POND (IN GRANITE), CAPE HERSHEL ELLESMERE ISLAND, N.W.T. ABOUT 1.4KM NW OF REF STN 30NW10TC0015 ELEV. 40 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0038	78	37	22	74	41	37	77	47
SNOWBANK POND (SMALL) CAPE HERSHEL PLATEAU, ELLESMERE ISLAND, N.W.T. ABOUT 1KM SE OF REF STN 30NW10TC0015 ELEV. 245 M ASL. NTS MAP 39F & 39E 1:250 000	04NW10TC0040	78	36	1	74	38	47	79	48

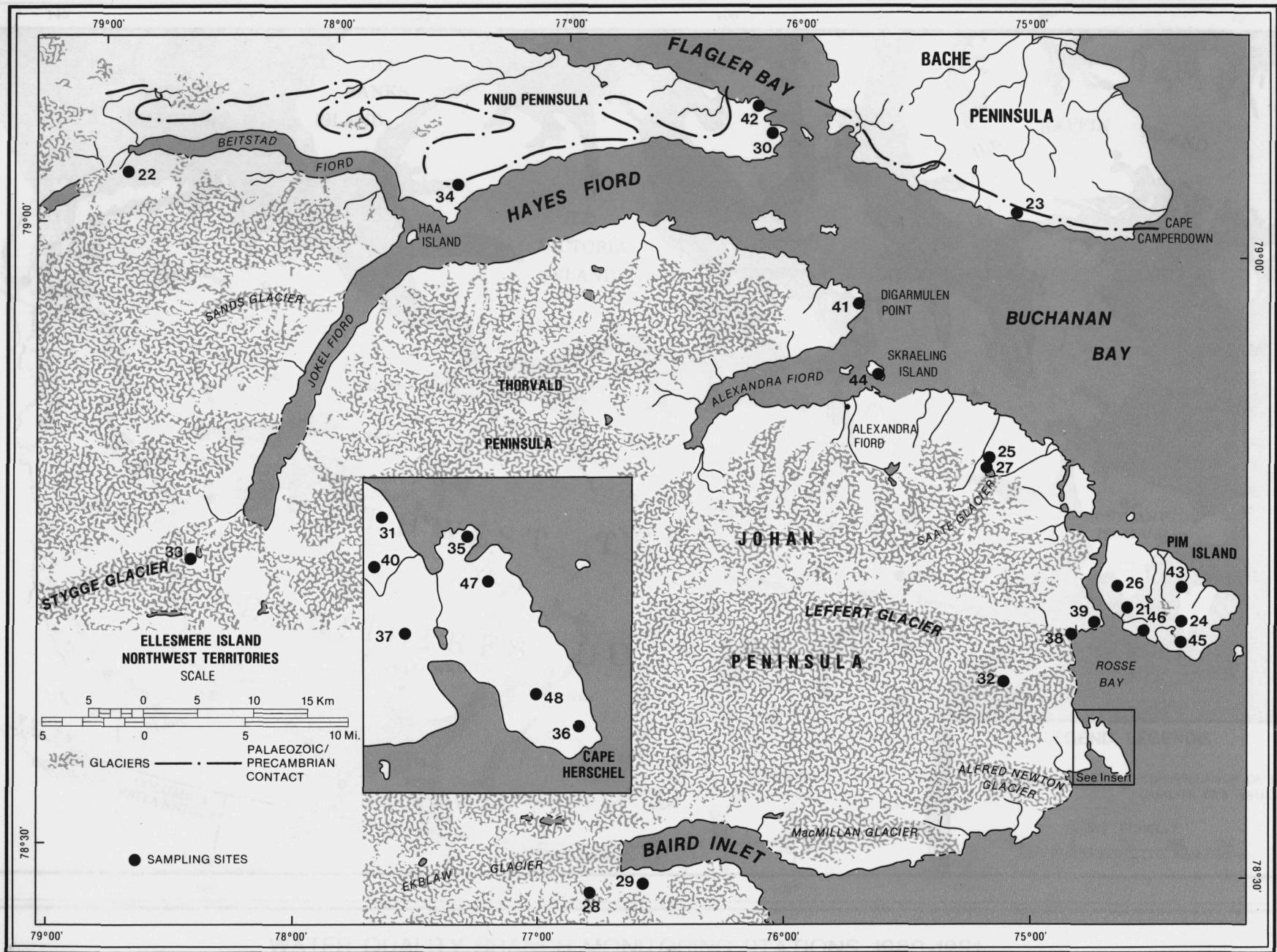
WATER QUALITY STATIONS : ALPHABETICAL INDEX

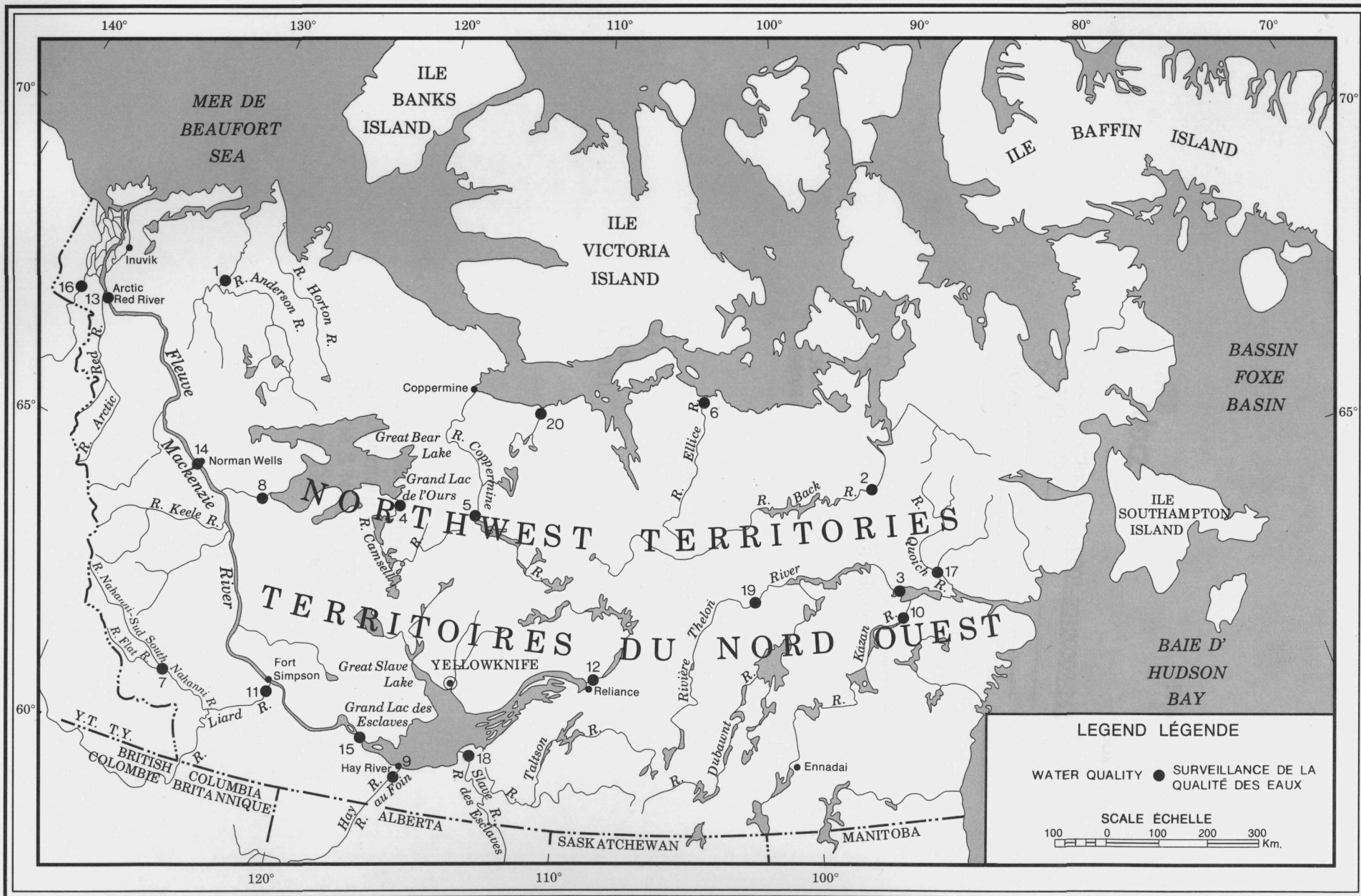
NORTHWEST TERRITORIES

Location Description	Station Number Station Parameters	Latitude	° ' "	Longitude	° ' "	Page	Map Number		
THELON RIVER ABOVE THELON BLUFFS, NORTHWEST TERRITORIES	00NW06JC0001 97900S002	64	32	10	101	23	50	5	19
TREE RIVER ABOUT 10 MILES ABOVE MOUTH, NORTHWEST TERRITORIES	00NW10QA0001 97900S001	67	38	10	111	53	30	43	20



Station Map Location
Carte de l'emplacement des stations





WATER QUALITY BRANCH MONITORING STATIONS 1980-1981
 STATIONS DE SURVEILLANCE DE LA DIRECTION DE LA QUALITÉ
 DES EAUX 1980-1981

INLAND WATERS DIRECTORATE
WESTERN AND NORTHERN REGION
WATER QUALITY BRANCH
YELLOWKNIFE, N.W.T., 1984

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
RÉGION DE L'OUËST ET DU NORD
DIRECTION DE LA QUALITÉ DES EAUX
YELLOWKNIFE (T.N.-O.), 1984

