



LIMNOLOGICAL DATA REPORT NO.1

LAKE ONTARIO

CRUISE 69 - 002, April 12 - 15

CRUISE 69 - 007, May 12 - 17

CRUISE 69 - 011, June 9 - 14

1969

**CANADA CENTRE FOR INLAND WATERS
BURLINGTON, ONTARIO**

Programmed by

DEPARTMENT OF ENERGY, MINES & RESOURCES

FISHERIES RESEARCH BOARD

and

DEPARTMENT OF NATIONAL HEALTH & WELFARE

at

CANADA CENTRE FOR INLAND WATERS

BURLINGTON, ONTARIO

CANADA

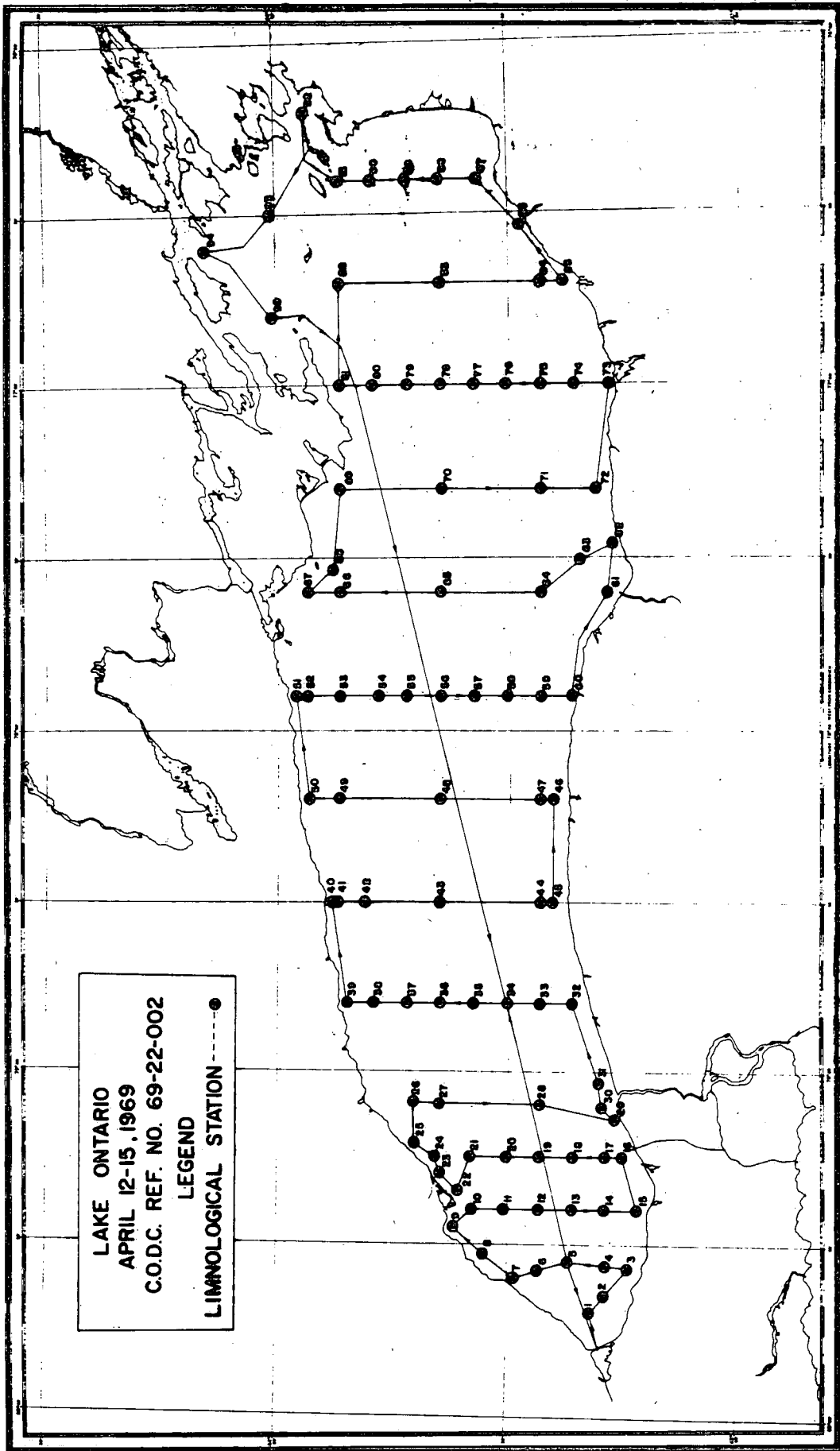
INTRODUCTION

This report is one of a series listing bacteriological, biological, chemical and physical data for the waters of Lake Ontario, observed by Government of Canada agencies during the period April 12 to December 6, 1969.

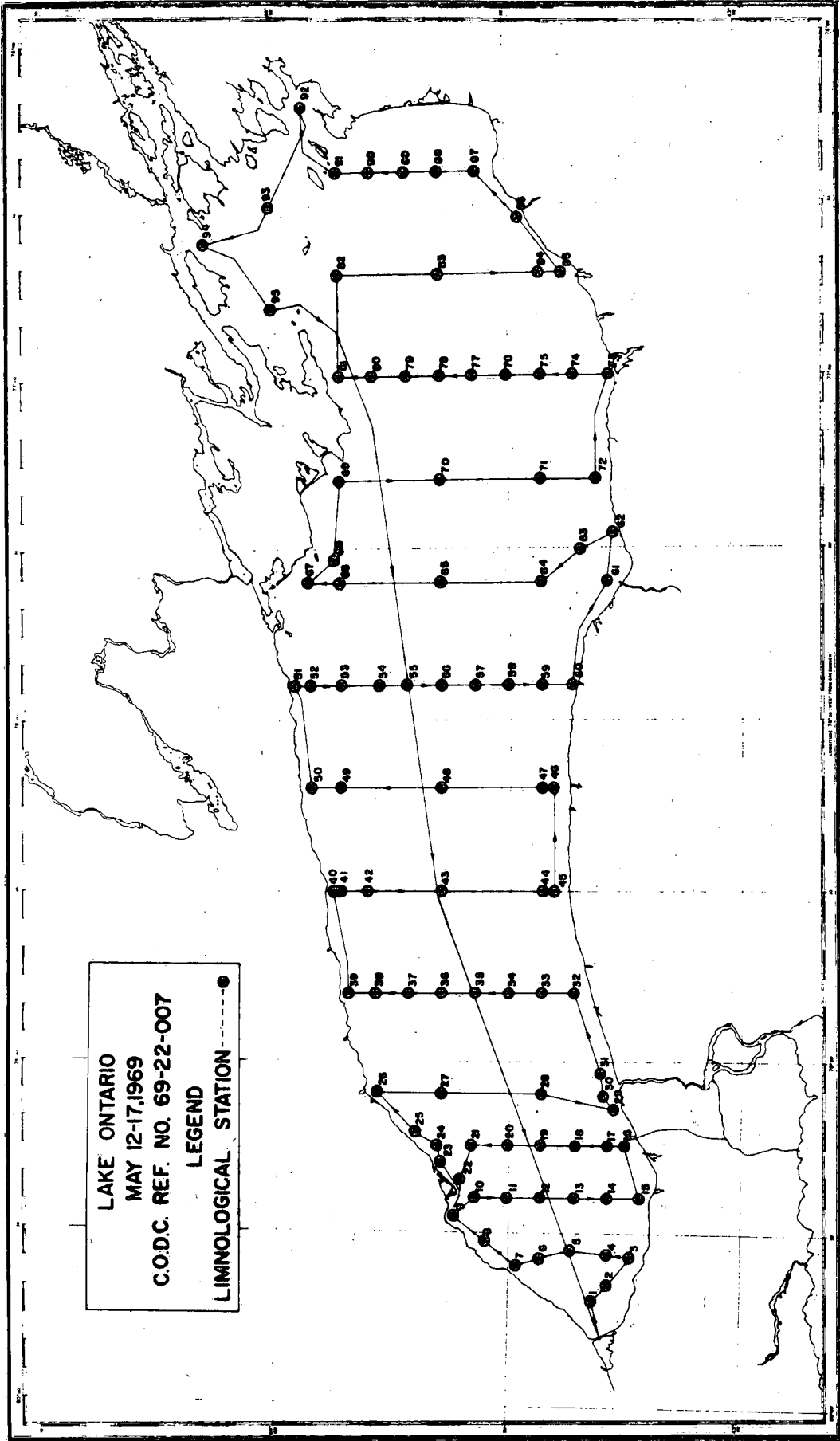
The 1969 surveys were carried out by (1) the Great Lakes and Water Quality Divisions of the Inland Waters Branch, Department of Energy, Mines and Resources, (2) the Fisheries Research Board and (3) the Public Health Engineering Division, Department of National Health and Welfare. Staff from the three agencies carried out the work from the Canada Centre for Inland Waters at Burlington, Ontario, aboard the Canadian Scientific Ship "Limnos" and the chartered ship "M.V. Karlsen". The Department of Energy, Mines and Resources co-ordinated the programs and provided support facilities to the participating agencies and to University scientists in collaboration with the Centre's agencies. Ship and launch operations were the responsibility of the Marine Sciences Branch, Department of Energy, Mines and Resources.

Although surveys related to geological and purely physical studies of the lake were also undertaken, only the water quality data gathered on nine monitoring cruises are included in these reports. Supplementary bathythermograph and meteorological data are available on request from Canada Centre for Inland Waters, P.O. Box 5050, Burlington, Ontario. Accompanying cruise track charts show the geographic locations of the observations listed in this data record.

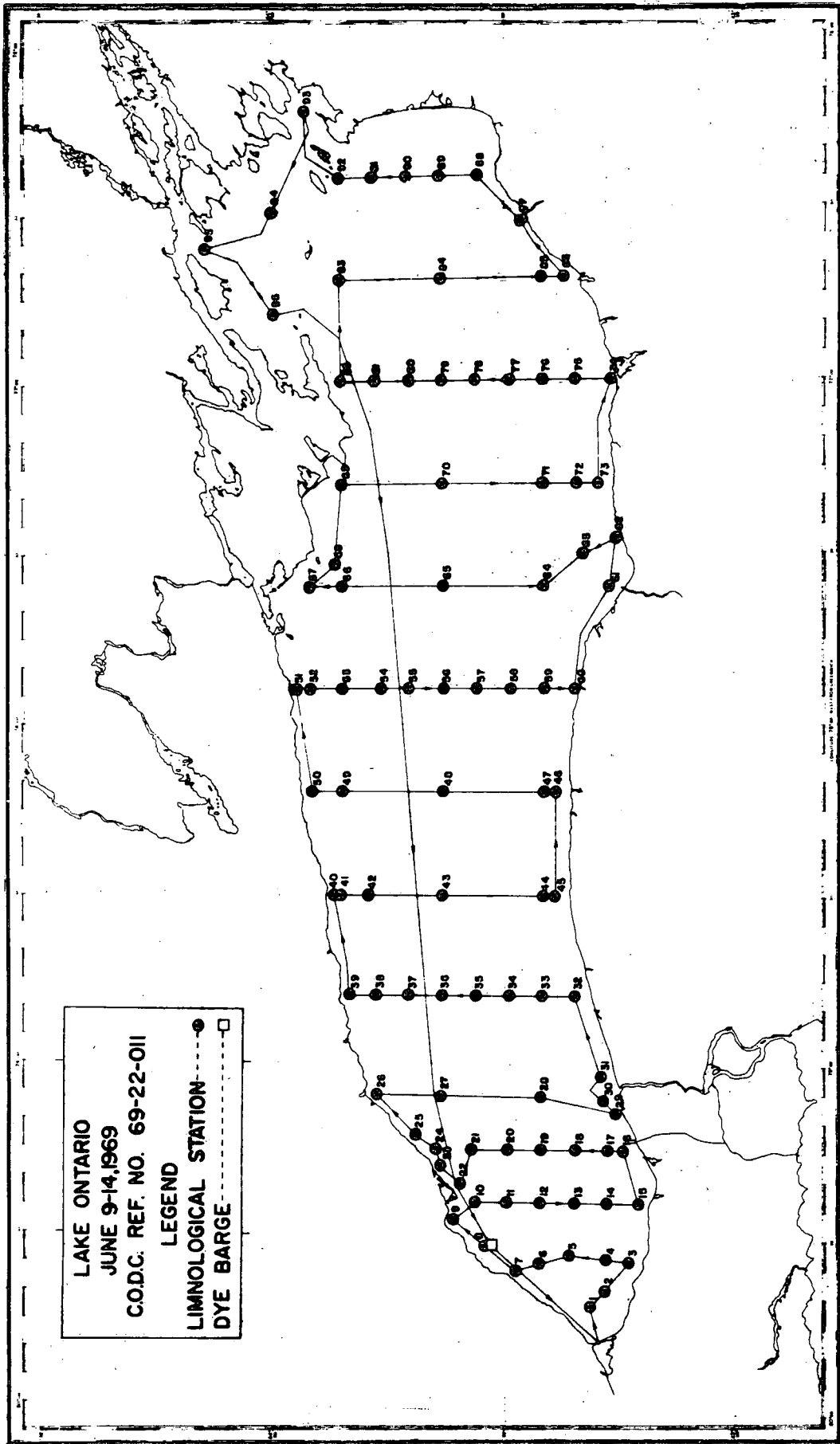
During the time covered by this report the Canada Centre for Inland Waters was part of the Department of Energy, Mines and Resources (Minister, the Honourable J.J. Greene). On April 1, 1971 the Centre, along with other elements of the Department of Energy, Mines and Resources, was transferred to the new Department of the Environment, the Honourable Jack Davis, Minister.



10801



LAKE ONTARIO
 MAY 12-17, 1969
 C.O.D.C. REF. NO. 69-22-007
 LEGEND
 LIMNOLOGICAL STATION ---●---



10501

SUMMARY OF THE CRUISES AND DATA LISTED IN THE 1969 DATA REPORTS FOR LAKE ONTARIO

Data Report No.	1			2			3		
Cruise No.	002	007	011	015	017	025	030	033	034
Dates (1969)	April 12 April 15	May 12 May 17	June 9 June 14	July 8 July 13	Aug. 5 Aug. 10	Sept. 4 Sept. 10	Oct. 2 Oct. 7	Oct. 31 Nov. 5	Dec. 1 Dec. 6
Cruise Type	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor	Monitor
Vessel	Limnos	Karlsen	Karlsen	Karlsen	Karlsen	Karlsen	Karlsen	Karlsen	Karlsen
No. of Stations	95	95	96	97	96	96	96	96	96
No. of Slides	97	120	96	98	97	157	147	96	96

Station Data:

Date/Time	X	X	X	X	X	X	X	X	X
Sounding	X	X	X	X	X	X	X	X	X
BT Slide No.	X	X	X	X	X	X	X	X	X
Sample Depth	X	X	X	X	X	X	X	X	X
Secchi	X	X	X	X	X	X	X	X	X
Colour Forel-ule	X	X	X	X	X	X	X	X	X
Temperature	X	X	X	X	X	X	X	X	X
Temperature Classification	X	X	X	X	X	X	X	X	X
Turbidity	X	X	X	X	X	X	X	X	X
Specific Conductance	X	X	X	X	X	X	X	X	X
pH 25°C								X	
Alkalinity, Total (colorimetric)						X	X	X	X
Bicarbonate								X	
Oxygen, Dissolved (Winkler)	X	X	X	X	X	X	X	X	X
Phosphate, Total		X	X	X	X	X	X	X	X
Orthophosphate, Soluble Reactive	X	X	X	X	X	X	X	X	X
Ammonia Nitrogen, Soluble F	X	X	X	X	X	X	X	X	X
Nitrate Nitrite Nitrogen F	X	X	X	X	X	X	X	X	X
Sulphate NF								X	
Chloride NF								X	
Silica, Reactive	X	X	X	X	X	X	X	X	X
Hardness								X	
Cadmium F		X		X		X			
Calcium NF Atomic Absorption				X		X		X	
Chromium F		X		X		X			
Cobalt F		X		X		X			
Copper F		X		X		X			
Iron F		X		X		X			
Lead F		X		X		X			
Magnesium								X	
Manganese F		X		X		X			
Molybdenum F		X		X		X			
Nickel F		X		X		X			
Potassium								X	
Sodium								X	
Strontium F		X		X		X			
Vanadium F		X		X		X			
Zinc F		X		X		X			
Chlorophyll A	X	X	X	X	X	X	X	X	X
MF Coliforms		X		X	X	X			
Standard Plate Count at 20°				X	X	X			X
Standard Plate Count at 35°					X				
Aerobic Viable Count MF 20°				X		X			X
Bacterial Biomass				X		X			X

F - Filtered
NF - Non Filtered

Description of the Data Record

Information in the headings for each station:

1. C-REF-No.	5. LAT.	7. YEAR	11. No. DEPTHS
2. CONS. No.	6. LON.	8. MONTH	12. SOUNDING
3. COUNTRY		9. DAY	13. BT SLIDE No.
4. INSTITUTE		10. TIME	

Explanations:

- (1) Cruise number: the cruises are numbered consecutively for each lake in the chronological order that they occur. However, the initial digit, of the three digits assigned to each cruise number, denotes the lake for which the data are reported.
e.g. 69-001, is the first cruise on Lake Ontario
69-102, is the second cruise on Lake Erie
69-203, is the third cruise on Lake Huron
69-304, is the fourth cruise on Lake Superior
- (2) Consecutive station number: the stations within each cruise are numbered in chronological order.
- (4) Institute: For filing purposes, the institute code was 22 (Inland Waters Branch, Department of Energy, Mines and Resources).
- (5) and (6) indicate the latitude and longitude of the vessel, in degrees, minutes and seconds, at the time of the observations.
- (7), (8) and (9) indicate the date of the observations according to Greenwich Mean Time.
- (10) Indicates the messenger time in hours and minutes (Greenwich Mean Time) for the first bottle cast at the station. The hours of each day are numbered from 00 to 23.
- (11) The number of depths at which observations were made. This should correspond to the number of depths actually listed. The count is listed to reveal omissions due to the loss of punch-cards.
- (12) The sounding is listed in meters, to the nearest tenth of a meter.
- (13) Indicates the bathythermograph slide number corresponding to the particular station. The slides are numbered consecutively within each cruise.

EXPLANATION OF THE DATA LISTING FOR EACH STATION

Parameter Name	Abbreviation (column heading)	Units used in the Data Reports	No. of Decimals Printed	Star System Code
Sample Depth	DEPTH	METRES	1	001
Secchi Depth	SECCHI	METRES	1	030
Colour Forel-ule	FOREL	forel-ule scale		031
Temperature	TEMP	°C	2	100
Temperature Classification	T CLASS	°C	2 or 3	109
Turbidity	TURB	Turbidity Units	1	123
Specific Conductance	SP CON	Micromhos		160
pH 25°C	pH 25	pH units	3	215
Alkalinity, total (titrimetric)	TT ALK	mg CaCO ₃ /L	1	219
Alkalinity, total (colorimetric)	TC ALK	mg CaCO ₃ /L	1	220
Bicarbonate	HCO3	mg HCO ₃ /L	1	232
Oxygen, dissolved (Winkler)	O ₂ W	mg O ₂ /L	2	245
Phosphate, total	T PO ₄	mg PO ₄ /L	3	260
Orthophosphate, soluble reactive	SR PO ₄	mg PO ₄ /L	3	263
Ammonia, nitrogen, soluble	NH ₃	mg N/L	3	270
Nitrate nitrite nitrogen F	TF NO ₃	mg N/L	3	276
Sulphate NF	S SO ₄	mg SO ₄ /L	1	280
Chloride NF	CL	mg Cl/L	1	290
Silica, reactive	R SIO2	mg SIO ₂ /L	3	295
Hardness, total	HARD	mg CaCO ₃ /L	1	300
Cadmium, F	CD F	mg metal/L	3	321
Calcium, NF (atomic absorption)	CA NFA	mg metal/L	3	324
Chromium, F	CR F	mg metal/L	3	329
Cobalt, F	CO F	mg metal/L	3	333
Copper, F	CU F	mg metal/L	3	337
Iron, F	FE F	mg metal/L	3	341
Lead, F	PB F	mg metal/L	3	347
Magnesium, NF	MG NF	mg metal/L	3	354
Manganese, F	MN F	mg metal/L	3	359
Molybdenum, F	MO F	mg metal/L	3	363
Nickel, F	NI F	mg metal/L	3	367
Potassium, NF (photometric)	K NFS	mg metal/L	3	372
Sodium, NF (photometric)	NA NFS	mg metal/L	3	388
Strontium F	SR F	mg metal/L	3	393
Vanadium F	V F	mg metal/L	3	397
Zinc, F	ZN	mg metal/L	3	399
Chlorophyll A	CHLORA	mgs/m ₃	1	610
MF Coliforms	MF COL	col/100 ml	*	700
Standard Plate Count at 20°C	SPC 20	col/ml	*	720
Standard Plate Count at 35°C	SPC 35	col/ml	*	721
Aerobic Viable Count MF 20°C	MF 20 FT	col/ml	*	971
Bacterial Biomass	BACT BIO	ug/L		975

* - Exponential Notation

F - Filtered

NF - Non Filtered

Note: The four bacteriological parameters are listed in exponential form:

$$130E02 = 1.30 \times 10^2 = 130.$$

$$100E00 = 1.00 \times 10^0 = 1.$$

$$000E00 = 0.00 \times 10^0 = 0.$$

$$101E00 = <1$$

$$102E00 = >1$$

Methods of Sampling and Measurement

Water sampling was carried out on the port side of the vessel, amidships, where a davit and a "chains" platform were installed. A small wooden deckhouse provided shelter for reading the thermometers and for transferring water from the primary sampling devices to small bottles which were taken to the shipboard laboratory. The sampling procedure together with photographs of the equipment are published in Manuscript Report No. 67-1 of the Public Health Engineering Division, Department of National Health and Welfare.

Samples were collected at standard depths of 1, 5, 10, 20, 30, 50, 75, 100, 150, 200, and at 250 metres, where the depth of water permitted. The water sampling devices were metal Knudsen bottles with a capacity of 1.2 litres, and polyvinylchloride Van Dorn bottles with capacities of 2 and 3 litres. Oceanographic reversing thermometers, and rubber bulbs for bacteriological sampling, were mounted on the Knudsen bottles.

For bacteriological sampling, a sterile deflated pear-shaped rubber bulb was attached to a Knudsen bottle. A brass plug in the opening of the rubber bulb was pulled out by the reversing Knudsen bottle. (REF. 12, pp. 88-90).

Position Latitude and longitude was determined using radar ranges and bearings on identifiable shoreline features. Occasionally, dead-reckoning had to be used when the vessel was far from shore.

Sounding The depth of water at each station was measured with the ship's echo sounder. Corrections for the transducer depth have been applied.

Secchi depth The depth of disappearance of a white disc, 30 centimetres in diameter, when it is lowered slowly into the water on the port side of the vessel.

Colour Secchi disc colour reported in Forel-ule scale.

Sample depth The length of wire was measured with a metre wheel using the water surface as the reference level. Wire-angle corrections were applied whenever corrections were greater than one metre.

Temperature Two oceanographic reversing thermometers manufactured by Richter & Wiese of Germany were used in series at all the required depths. Later, each thermometer was read twice in the vessel's deckhouse. A single mean corrected temperature value is reported in this final data record, along with a temperature classification (T CLAS) denoting the averaged difference between the two sets of thermometer readings. Individual readings are kept on file at the Canada Centre for Inland Waters.

Additional temperature measurements were made with bathythermographs, and with a thermistor thermometer towed at a depth of approximately one metre while the ship was underway. The BT and thermistor data are available on request from the Canada Centre for Inland Waters.

Turbidity NF - Nephelometric, Hach Turbidimeter, Jackson Units (REF. 11).

Specific conductance 25°C - Ohmometric, Radiometer Conductivity Meter Type CDM2 (REFS. 2, 20).

NF - Non filtered.

pH 25°C - Corning pH meter, Model 12 (REFS. 2, 8).

Alkalinity, total (Titrimetric) - Potentiometric Titration (REF. 27).

Alkalinity, total (Colorimetric) - Autoanalyzer, buffered methyl orange indicator (REFS. 24, 25).

Bicarbonate - Nomographic computation from Alkalinity values.

Dissolved Oxygen - was measured using the Winkler iodometric method. Azide was not used (REF. 13, pp. 67-78).

Phosphate, total, NF - photometric, autoanalyzer, modification (W.Q.D.D.) of Gales and Julian, 1966 (REF. 29).

Orthophosphate, soluble reactive, F - Photometric, autoanalyzer, modification (W.Q.D.D.) of stannous chloride method described in Standard Methods APHA 1965 (REF. 29).

Ammonia nitrogen soluble F - Photometric, autoanalyzer, as described by Zitomer and Lambert, 1962, and automated by Sawyer & Grisley, 1967, as adopted by W.Q.D.D. (REF. 29).

Nitrate Nitrite Nitrogen F - Autoanalyzer, colorimetric cadmium reduction (REFS. 4, 5).

Sulphate NF - Photometric, autoanalyzer, method of Lazrus et al (1965) as modified by W.Q.D.D. (REF. 29).

Chloride NF - Autoanalyzer, colorimetric, mercury thiocyanate (REF. 14).

Silica, reactive - Autoanalyzer, colorimetric, heteropoly blue (REFS. 2, 26).

Hardness, total - Computed from calcium and magnesium determinations (REF. 2).

Cadmium, F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Calcium NF - Atomic absorption spectrophotometry (REF. 19).

Chromium F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Cobalt F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Copper F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Iron F - This determination of total iron is based upon the complexing of ferrous iron with 2, 4, 6,-tripyridyl-s-triazine giving an intense violet colour. Hydroxylamine hydrochloride is used to reduce any ferric iron to the ferrous stage (REF. 7).

Lead F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Magnesium NF - Atomic absorption spectrophotometry (REF. 19).

Manganese F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

F - Filtered.

NF - Non filtered.

Molybdenum F - Atomic absorption using alpha benzoinoxime as chelating agent and butyl acetate as extracting solvent (W.Q.D.D. 1969) (REF. 29).

Nickel F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Potassium NF - Autoanalyzer, flame emission photometry (REF. 25).

Sodium NF - Autoanalyzer, flame emission photometry (REF. 25).

Strontium F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Vanadium F - Atomic absorption using cupferron as chelating agent and butyl acetate as extracting solvent (W.Q.D.D., 1969) (REF. 29).

Zinc F - Atomic absorption spectrophotometry (REFS. 1, 6, 16, 19, 21, 28).

Chlorophyll A - *in vivo* chlorophyll concentrations (REFS. 15, 17).

BACTERIOLOGICAL PARAMETERS

Storage conditions for bacteriological samples The analyses began within one or two hours after sampling, except for samples collected between midnight and 6.30 a.m. The night samples were stored at temperatures varying between 4 and 7°C for a maximum of 8 hours before their analyses commenced.

Coliform density determinations were obtained by membrane filtration techniques using Bacto-M Endo MF Broth. Membranes were incubated at 35°C for 20 ± 2 hours in an atmosphere of saturated humidity. Coliform densities were recorded in terms of coliforms per 100 ml of water sample (REF. 2, p. 615).

Standard plate counts The American Public Health Association Standard Methods (REF. 2, p. 592), Standard Plate Count procedure was used for the estimation of total bacterial (viable) numbers at 35°C and 20°C. Bacto-Plate count Agar was the medium used. Total viable counts were read at 24 ± 2 hours for plates incubated at 35°C and 48 ± 3 hours for plates incubated at 20°C. Counts were calculated and recorded as standard plate counts per ml of water at the specified temperature.

Bacterial Biomass Fifty ml aliquot water samples are preserved with 2 ml saline formaldehyde (25 ml HCHO, per litre 0.9 percent NaCl w/v). In the laboratory, the samples are inoculated with one ml Tween 80 (5,000 ppm) and shaken mechanically for five minutes. Then the samples are prefiltered through a 25 micron stainless steel mesh filter and the filtrate centrifuged for ten minutes at 1,500 rpm. The supernatant is poured into a 50 ml beaker, stirred mechanically and passed through a Model B Coulter Counter equipped with 30 micron diameter orifice tube and a J-plotter (REF. 18).

F - Filtered.

NF - Non filtered.

PROGRAM CO-ORDINATION

Physical Limnology	Dr. R.K. Lane (G.L.D.) Mr. D.G. Robertson (G.L.D.)
Chemical Limnology	Dr. M.E. Thompson (G.L.D.)
Limnogeology	Dr. P.G. Sly (G.L.D.)
Water Quality	Dr. V.K. Chawla (W.Q.D.D.)
Bacteriology	Mr. B.J. Dutka (P.H.E.D.) Mr. H.R. van Otterloo (P.H.E.D.)
Chlorophyll & Plankton	Dr. R.A. Vollenweider (F.R.B.)
Operations	Mr. H.B. Macdonald (G.L.D.)
Ship Support	Mr. A. Quirk (M.S.B.)
Engineering Support	Mr. G.A. Jones (G.L.D.)
Computer and Data Services	Mr. D.M. Francis (G.L.D.) Mr. W. Nagel (G.L.D.)

- (G.L.D.) Great Lakes Division, Department of Energy, Mines and Resources.
(W.Q.D.D.) Water Quality Division Detachment, Department of Energy, Mines and Resources.
(P.H.E.D.) Public Health Engineering Division, Department of National Health and Welfare.
(F.R.B.) Fisheries Research Board, Department of Fisheries and Forestry.
(M.S.B.) Marine Sciences Branch, Department of Energy, Mines and Resources.

Other Participating Agencies

The Canadian Oceanographic Data Centre produced and distributed the preliminary data records, and published the final data reports in the present series.

The Meteorological Branch of the Department of Transport provided instruments, and calibration facilities for meteorological programs conducted at the centre.

Marine Sciences Branch personnel under Captain D. Butler and Captain T. Mangan operated the Canadian Scientific Ship "Limnos" while Captain H. Brandal and crew operated the chartered ship "M.V. Martin Karlsen" in support of the Centre's limnological programs.

REFERENCES

1. Allan, J.E. 1961. The Use of Organic Solvents in Atomic Absorption Spectrophotometry. *Spectrochim. Acta*: pp. 467-473.
2. American Public Health Association, 1965. Standard Methods for the Examination of Water and Wastewater. Twelfth Ed., American Public Health Association, New York.
3. American Society for Testing and Materials, 1966. Book of ASTM Standards Part 23: Industrial Water; Atmospheric Analysis. American Society for Testing and Materials, Philadelphia.
4. Bendschneider, K. and R.J. Robinson, 1952. A new Spectrophotometric Method for the Determination of Nitrite in Sea Water. *J. Mar. Res.*, 11, pp. 87-96.
5. Brewer, P.G. and J.P. Riley, 1965. The Automatic Determination of Nitrate in Sea Water. *Deep Sea Research*, vol. 12, pp. 765-772.
6. Brooks, R.R., B.J. Presley and T.R. Kaplan, 1967. Determination of Copper in Saline Waters by Atomic Absorption Spectrophotometry with APDC-MIBK Extraction. *Anal. Chim. Acta*, 38: pp. 321-326.
7. Collins P. and H. Diehl, 1959. Tripyridyl-s-Triazine. A reagent for the determination of Iron in Sea Water. *Journal of Marine Research*, vol. 18, 1959.
8. Corning Scientific Instruments, 1965. Expanded Scale pH meter. Corning Glass Works, Corning, New York.
9. Fritz, J.S. and S.S. Yamamura, 1955. Rapid Microtitration of Sulfate. *Analytical Chemistry*, vol. 27, no. 9, p. 1461.
10. Geldreich, E.G., H.F. Clark and P.W. Kabler, 1965. A Fecal Coliform Media for the Membrane Filter Techniques. *JAWWA*, 57: 208.
11. Hach Chemical Company. Laboratory Turbidimeter Model 1860. Hach Chemical Company, Ames, Iowa.
12. I.J.C. Agencies, 1966. Working Committee on Methodology. A digest of analytical methods employed by laboratories associated with International Joint Commission Research on the Great Lakes, 135 pp.
13. I.J.C. Agencies, 1968. Working Committee on Methodology. Revised analytical methods employed by laboratories associated with International Joint Commission Research on the Great Lakes. 89 pp.
14. Iwasaki, Utsumi and Ozawa. 1952. New Colorimetric Determination of Chloride Using Mercuric Thiocyanate and Ferric Ion. *Bulletin, Chemical Soc. Japan*, vol. 25: p. 226.
15. Lorenzen, Carl J. 1966. A method for the continuous measurement of *in vivo* chlorophyll concentrations. *Deep-Sea Research*, vol. 13, pp. 223 and 227.

16. Mulford, E.C. 1966. Solvent Extraction Technique for Atomic Absorption Spectroscopy. Atomic Absorption Newsletter 5(4): pp. 88-90.
17. Parsons, T.R. and J.D.H. Strickland, 1963. Discussion of Spectrophotometric Determination of Marine-plant Pigments, with Revised Equations for Ascertaining Chlorophylls and Carotenoids, Journal of Marine Research, 21 (3).
18. National Health and Welfare, 1969. Method Developed for Great Lakes Waters by Public Health Engineering Division, Kingston Laboratories.
19. Perkin-Elmer Corp, 1966. Analytical Methods for Atomic Absorption Spectrophotometry. Perkin-Elmer Corp., Norwalk, Connecticut.
20. Radiometer Copenhagen. Direct Reading Conductivity Meter Type CDM2. Radiometer Copenhagen, Denmark.
21. Sprague, S. and W. Slavin, 1964. Determination of Very Small Amounts of Copper and Lead in KCl by Organic Extraction and Atomic absorption Spectrophotometry. Perkin-Elmer Atomic Absorption. Newsletter no. 20, May.
22. Technicon AutoAnalyzer Methodology Bulletin C2a, Chloride 11a, 1960.
23. Technicon AutoAnalyzer Methodology, Inorganic Phosphate, N Method N 4b, 1965.
24. Technicon AutoAnalyzer Methodology, Methyl Orange and Phenolphthalein M & P Alkalinity, 1961.
25. Technicon Instruments, 1967. Instruction Manual FPH-111. Technicon Instruments Corp., Ardsley, New York.
26. Technicon Instruments Corp, 1960. AutoAnalyzer Methodology Silica, 11F (Water Analysis).
27. Thomas, J.F.J. and J.J. Lynch, 1960. Determination of Carbonate Alkalinity in Natural Waters. JAWWA, 52: pp. 259-268.
28. Walsh, A. 1955. The Application of Atomic Absorption Spectra to Chemical Analysis. Spectrochim. Acta 7, 108.
29. Water Quality Division Detachment, 1969. Methods developed for Great Lake waters at Canada Centre for Inland Waters.

CRUISE 69 - 002, April 12 - 15

C-REF-NO 002
CONS. NO 001

COUNTRY 18
INSTITUTE 22

LAT 43-19-12N
LON 079-42-00W

YEAR 1969
MONTH 04
DAY 12
TIME 1350

NO. DEPTHS 04
SOUNDING 0430
BT SLIDE NO 001

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	5.0	7	2.52	0.02	0.6	339	14.02	0.048
10.0			2.53	0.00	0.7	368	13.85	0.058
30.0			2.55		0.7	372	13.78	0.050
40.0			2.56	0.02	0.7	370	13.67	0.050

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.030	0.245	0.460	3.2
10.0	0.026	0.245	0.455	
30.0	0.018	0.240	0.455	
40.0	0.026	0.247	0.460	

C-REF-NO 002
CONS. NO 002

COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-39-00W

YEAR 1969
MONTH 04
DAY 12
TIME 1434

NO. DEPTHS 01
SOUNDING 0400
BT SLIDE NO 002

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0	5.0	9	2.70					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				2.1

C-REF-NO 002
 CONS. NO 003
 COUNTRY 18
 INSTITUTE 22

LAT 43-14-12N
 LON 079-34-12W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 1519

NO. DEPTHS 02
 SOUNDING 0150
 BT SLIDE NO 003

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	5.0	8	3.49	0.01	0.4	320	14.05	0.040
10.0			3.46	0.00	0.5	355	13.99	0.034

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.240	0.440	3.6
10.0	0.036	0.240	0.455	

C-REF-NO 002
 CONS. NO 004
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-12N
 LON 079-33-42W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 1547

NO. DEPTHS 01
 SOUNDING 0700
 BT SLIDE NO 004

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0	6.0	6	2.60					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 005
 COUNTRY 18
 INSTITUTE 22

LAT 43-22-00N
 LON 079-33-00W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 1635

NO. DEPTHS 05
 SOUNDING 0900
 BT SLIDE NO 005

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	7.0	8	2.33	0.02	0.2	312	13.97	0.048
10.0			2.30	0.01	0.4	341	13.77	0.050
30.0			2.23	0.01	0.3	352	13.85	0.050
49.0			2.21	0.00	0.3	347	13.75	0.050
87.0			2.22	0.02	26.0	337	13.56	0.112

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.230	0.525	2.8
10.0	0.024	0.230	0.530	
30.0	0.007	0.225	0.530	
49.0	0.010	0.223	0.520	
87.0	0.056	0.230	1.230	

C-REF-NO 002
 CONS. NO 006
 COUNTRY 18
 INSTITUTE 22

LAT 43-25-54N
 LON 079-34-36W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 1720

NO. DEPTHS 01
 SOUNDING 0800
 BT SLIDE NO 006

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0	7.0	9	2.40					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				2.5

C-REF-NO 002
 CONS. NO 007
 COUNTRY 18
 INSTITUTE 22

LAT 43-29-00N
 LON 079-35-48W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 1802

NO. DEPTHS 03
 SOUNDING 0220
 BT SLIDE NO 007

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	2.0	11	4.50	0.00	1.4	336	13.37	0.056
10.0			4.53	0.00	1.2	332	13.31	0.054
20.0			4.08	0.01	1.1	300	13.16	0.054

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.046	0.288	0.560	7.1
10.0	0.030	0.270	0.515	
20.0	0.031	0.270	0.535	

C-REF-NO 002
 CONS. NO 008
 COUNTRY 18
 INSTITUTE 22

LAT 43-33-06N
 LON 079-31-36W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 1852

NO. DEPTHS 01
 SOUNDING 0260
 BT SLIDE NO 008

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0	4.0	9	3.00					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 009
 COUNTRY 18
 INSTITUTE 22

LAT 43-37-06N
 LON 079-27-18W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 1937

NO. DEPTHS 03
 SOUNDING 0190
 BT SLIDE NO 009

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	9.0	5	2.99	0.01	0.6	326	13.53	0.060
10.0			2.98	0.00	0.5	334	13.56	0.064
17.0			2.97	0.01	1.6	342	13.56	0.064

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.041	0.250	0.505	3.9
10.0	0.046	0.245	0.490	
17.0	0.042	0.250	0.490	

C-REF-NO 002
 CONS. NO 010
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-24N
 LON 079-24-00W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 2021

NO. DEPTHS 05
 SOUNDING 0680
 BT SLIDE NO 010

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	5.0	9	2.57	0.02	0.5	305	13.55	0.052
10.0			2.54	0.00	0.6	327	13.57	0.050
30.0			2.51	0.00	0.5	338	13.54	0.050
50.0			2.50	0.01	0.4	336	13.56	0.052
66.0			2.58	0.01	2.1	337	13.57	0.052

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.235	0.825	
10.0	0.021	0.250	0.520	
30.0	0.020	0.230	0.475	
50.0	0.024	0.230	0.480	
66.0	0.018	0.232	0.510	

C-REF-NO 002
 CONS. NO 011
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-24N
 LON 079-24-00W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 2117

NO. DEPTHS 05
 SOUNDING 0950
 BT SLIDE NO 011

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0	5.5	8	2.39	0.02	0.2	337	13.68	0.050
10.0			2.37	0.00	0.2	338	13.66	0.050
30.0			2.38	0.01	0.2	335	13.69	0.050
50.0			2.37	0.00	0.1	336	13.69	0.050
90.0			2.39	0.00	0.3	335	13.69	0.050

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.017	0.240	0.500	
10.0	0.018	0.235	0.490	
30.0	0.015	0.230	0.485	
50.0	0.012	0.230	0.470	
90.0	0.014	0.235	0.470	

C-REF-NO 002
 CONS. NO 012
 COUNTRY 18
 INSTITUTE 22

LAT 43-25-54N
 LON 079-24-00W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 2220

NO. DEPTHS 01
 SOUNDING 1160
 BT SLIDE NO 012

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
0.0	9.0	9	2.30					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 013
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-24N
 LON 079-24-00W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 2259

NO. DEPTHS 05
 SOUNDING 0980
 BT SLIDE NO 013

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	7.0	9	2.13	0.03	0.2	339	13.74	0.048
10.0			2.13	0.01	0.2	336	13.74	0.050
30.0			2.13	0.00	0.1	337	13.74	0.048
50.0			2.14	0.01	0.1	341	13.74	0.050
95.0			2.13	0.00		336	13.89	0.048

DEPTH	NH3	TFN03	R SIO2	CHLORA
1.0	0.007	0.235	0.475	
10.0	0.010	0.235	0.480	
30.0	0.005	0.230	0.485	
50.0	0.008	0.240	0.490	
95.0	0.005	0.230	0.470	

C-REF-NO 002
 CONS. NO 014
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-18N
 LON 079-24-00W

YEAR 1969
 MONTH 04
 DAY 12
 TIME 2345

NO. DEPTHS 01
 SOUNDING 0790
 BT SLIDE NO 014

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0			2.30					

DEPTH	NH3	TFN03	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 015
 COUNTRY 18
 INSTITUTE 22

LAT 43-13-00N
 LON 079-24-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 0023

NO. DEPTHS 02
 SOUNDING 0120
 BT SLIDE NO 015

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0			4.85	0.01	0.9	336	14.02	0.036
10.0			4.60	0.01	0.6	337	13.97	0.036

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.017	0.240	0.320	
10.0	0.010	0.240	0.320	

C-REF-NO 002
 CONS. NO 016
 COUNTRY 18
 INSTITUTE 22

LAT 43-15-06N
 LON 079-15-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 0123

NO. DEPTHS 01
 SOUNDING 0200
 BT SLIDE NO 018

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
0.0			3.30					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				4.3

C-REF-NO 002
CONS. NO 017
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-15-00W

YEAR 1969
MONTH 04
DAY 13
TIME 0146

NO. DEPTHS 01
SOUNDING 0780
BT SLIDE NO 019

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			2.20					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				1.9

C-REF-NO 002
CONS. NO 018
COUNTRY 18
INSTITUTE 22

LAT 43-21-24N
LON 079-15-00W

YEAR 1969
MONTH 04
DAY 13
TIME 0216

NO. DEPTHS 01
SOUNDING 1010
BT SLIDE NO 020

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			2.20					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				1.5

C-REF-NO 002
CONS. NO 019
COUNTRY 18
INSTITUTE 22

LAT 43-25-54N
LON 079-15-00W

YEAR 1969
MONTH 04
DAY 13
TIME 0247

NO. DEPTHS 01
SOUNDING 1240
BT SLIDE NO 021

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			2.00					

DEPTH	NH3	TFN03	R SIO2	CHLORA
0.0				1.1

C-REF-NO 002
CONS. NO 020
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 079-15-00W

YEAR 1969
MONTH 04
DAY 13
TIME 0320

NO. DEPTHS 01
SOUNDING 0122
BT SLIDE NO 022

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			2.00					

DEPTH	NH3	TFN03	R SIO2	CHLORA
0.0				1.2

C-REF-NO 002
 CONS. NO 021
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-54N
 LON 079-15-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 0350

NO. DEPTHS 01
 SOUNDING 1040
 BT SLIDE NO 023

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0			2.10					

DEPTH	NH3	TFN03	R SIO2	CHLORA
0.0				2.6

C-REF-NO 002
 CONS. NO 022
 COUNTRY 18
 INSTITUTE 22

LAT 43-36-24N
 LON 079-21-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 0431

NO. DEPTHS 04
 SOUNDING 0380
 BT SLIDE NO 024

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			2.42	0.00	0.5	333	13.57	0.040
10.0			2.48		0.4	332	13.58	0.042
30.0			2.50	0.00	0.4	332	13.59	0.042
36.0			2.50	0.01	0.3	334	13.48	0.044

DEPTH	NH3	TFN03	R SIO2	CHLORA
1.0	0.010	0.240	0.460	
10.0	0.013	0.240	0.460	
30.0	0.007	0.235	0.460	
36.0	0.010	0.235	0.460	

C-REF-NO 002
CONS. NO 023

COUNTRY 18
INSTITUTE 22

LAT 43-38-54N
LON 079-18-00W

YEAR 1969
MONTH 04
DAY 13
TIME 0506

NO. DEPTHS 01
SOUNDING 0090
BT SLIDE NO 025

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			2.70					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
CONS. NO 024

COUNTRY 18
INSTITUTE 22

LAT 43-39-30N
LON 079-15-00W

YEAR 1969
MONTH 04
DAY 13
TIME 0525

NO. DEPTHS 01
SOUNDING 0180
BT SLIDE NO 026

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			2.50					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002	LAT 43-42-18N	YEAR 1969	NO. DEPTHS 02
CONS. NO 025	LON 079-12-48W	MONTH 04	SOUNDING 0130
COUNTRY 18		DAY 13	BT SLIDE NO 027
INSTITUTE 22		TIME 0557	

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			3.21	0.02	1.1	352	13.55	0.072
11.0			3.33	0.01	1.4	341	13.54	0.070

DEPTH	NH3	TFNO3	R SID2	CHLORA
1.0	0.051	0.260	0.460	
11.0	0.049	0.250	0.460	

C-REF-NO 002	LAT 43-47-26N	YEAR 1969	NO. DEPTHS 03
CONS. NO 026	LON 079-05-36W	MONTH 04	SOUNDING 0150
COUNTRY 18		DAY 13	BT SLIDE NO 028
INSTITUTE 22		TIME 0655	

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			3.54	0.00	0.7	351	13.80	0.044
10.0			3.60		0.6	344	13.85	0.042
13.0			3.60	0.01	0.5	343	13.80	0.044

DEPTH	NH3	TFNO3	R SID2	CHLORA
1.0	0.017	0.260	0.455	
10.0	0.018	0.250	0.435	
13.0	0.014	0.250	0.420	

C-REF-NO 002
 CONS. NO 027
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 079-06-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 0806

NO. DEPTHS 05
 SOUNDING 1080
 BT SLIDE NO 029

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0			2.08	0.00	0.1	344	13.66	0.036
10.0			2.23	0.01	0.1	335	13.63	0.068
30.0			2.24	0.00	0.3	333	13.68	0.042
50.0			2.25	0.00	0.2	335	13.69	0.040
105.0			2.43	0.01	0.4	335	13.54	0.040

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.006	0.245	0.495	
10.0	0.004	0.240	0.495	
30.0	0.005	0.245	0.520	
50.0	0.005	0.240	0.510	
105.0	0.004	0.230	0.490	

C-REF-NO 002
 CONS. NO 028
 COUNTRY 18
 INSTITUTE 22

LAT 43-25-58N
 LON 079-06-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 0945

NO. DEPTHS 05
 SOUNDING 1210
 BT SLIDE NO 030

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0			1.82	0.01	0.1	333	13.78	0.038
10.0			1.96	0.00	0.1	335	13.78	0.040
30.0			1.98	0.00	0.1	333	13.78	0.042
50.0			1.99	0.01	0.1	335	13.78	0.040
118.0			2.57	0.00	1.0	335	12.64	0.042

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.255	0.485	
10.0	0.004	0.255	0.500	
30.0	0.005	0.240	0.480	
50.0	0.006	0.235	0.480	
118.0	0.006	0.235	0.490	

C-REF-NO 002
 CONS. NO 029
 COUNTRY 18
 INSTITUTE 22

LAT 43-16-12N
 LON 079-08-48W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1102

NO. DEPTHS 02
 SOUNDING 0120
 BT SLIDE NO 031

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	2.5	10	3.88	0.01	0.7	338	14.19	0.022
10.0			3.96	0.02	0.7	339	14.15	0.044

DEPTH	NH3	TFN03	R SIO2	CHLORA
1.0	0.009	0.230	0.300	
10.0	0.064	0.240	0.300	

C-REF-NO 002
 CONS. NO 030
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-42N
 LON 079-06-30W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1134

NO. DEPTHS 02
 SOUNDING 0070
 BT SLIDE NO 032

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	0.5	11	1.04	0.01	4.5	330	15.42	0.038
5.0			1.02	0.00	4.5	329	15.41	0.038

DEPTH	NH3	TFN03	R SIO2	CHLORA
1.0	0.082	0.185	0.325	
5.0	0.085	0.185	0.325	

C-REF-NO 002
 CONS. NO 031
 COUNTRY 18
 INSTITUTE 22

LAT 43-18-12N
 LON 079-02-24W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1216

NO. DEPTHS 03
 SOUNDING 0090
 BT SLIDE NO 033

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0	1.0	11	0.80					
1.0			0.73	0.06	3.7	329	15.41	0.032
7.0			1.02	0.01	3.6	330	15.38	0.028

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				
1.0	0.060	0.165	0.290	
7.0	0.058	0.165	0.270	

C-REF-NO 002
 CONS. NO 032
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-42N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1342

NO. DEPTHS 04
 SOUNDING 0530
 BT SLIDE NO 034

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	2.5	11	2.13	0.00	1.2	344	14.04	0.032
10.0			2.14	0.00	1.0	337	13.99	0.034
30.0			2.21	0.01	1.1	335	13.97	0.034
51.0			2.47	0.01	1.5	334	14.05	0.032

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.235	0.420	3.5
10.0	0.030	0.235	0.415	
30.0	0.033	0.215	0.415	
51.0	0.034	0.205	0.385	

C-REF-NO 002
 CONS. NO 033
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1431

NO. DEPTHS 05
 SOUNDING 1290
 BT SLIDE NO 035

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR PD4
1.0	10.0	10	1.96	0.01	0.2	339	13.84	0.038
10.0			1.94	0.02	0.2	344	13.82	0.040
30.0			1.94	0.00	0.2	344	13.78	0.038
50.0			1.94	0.00	0.1	344	13.79	0.040
126.0			2.55	0.01	0.5	349	12.62	0.044

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.220	0.495	2.5
10.0	0.011	0.220	0.495	
30.0	0.005	0.220	0.485	
50.0	0.010	0.230	0.510	
126.0	0.011	0.235	0.630	

C-REF-NO 002
 CONS. NO 034
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-18N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1520

NO. DEPTHS 01
 SOUNDING 1480
 BT SLIDE NO 036

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR PD4
0.0	10.0	5	2.50					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 035
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-36N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1609

NO. DEPTHS 05
 SOUNDING 1480
 BT SLIDE NO 037

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR PD4
1.0	10.0	5	2.01	0.01	0.2	340	13.78	0.038
10.0			2.01	0.02	0.3	334	13.78	0.040
30.0			1.98	0.01	0.2	332	13.76	0.040
50.0			1.97	0.01	0.3	333	13.78	0.042
146.0			2.36	0.01	41.0	332	13.03	0.046

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.012	0.250	0.450	
10.0	0.010	0.235	0.450	
30.0	0.009	0.235	0.450	
50.0	0.010	0.240	0.455	
146.0	0.063	0.240	0.460	

C-REF-NO 002
 CONS. NO 036
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1653

NO. DEPTHS 01
 SOUNDING 1220
 BT SLIDE NO 038

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR PD4
0.0	9.0	6	2.60					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				2.1

C-REF-NO 002
 CONS. NO 037
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-18N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1732

NO. DEPTHS 01
 SOUNDING 0980
 BT SLIDE NO 039

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
0.0	8.0	8	2.40					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				2.0

C-REF-NO 002
 CONS. NO 038
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-36N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1827

NO. DEPTHS 05
 SOUNDING 0550
 BT SLIDE NO 040

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0	10.0	9	2.56	0.01	0.3	360	13.68	0.040
10.0			2.50	0.00	0.2	344	13.83	0.040
30.0			2.50	0.00	0.2	344	13.69	0.042
50.0			2.48	0.01	0.2	343	13.69	0.042
53.0			2.49	0.00	3.0	342	13.71	0.042

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.240	0.485	2.1
10.0	0.005	0.235	0.485	
30.0	0.005	0.245	0.482	
50.0	0.006	0.235	0.470	
53.0	0.005	0.255	0.480	

C-REF-NO 002
 CONS. NO 039
 COUNTRY 18
 INSTITUTE 22

LAT 43-51-00N
 LON 078-48-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 1906

NO. DEPTHS 03
 SOUNDING 0190
 BT SLIDE NO 041

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	4.5	10	3.79	0.02	0.7	333	14.15	0.032
10.0			3.63	0.01	0.7	334	14.11	0.030
17.0			3.82	0.00	0.6	344	14.09	0.030

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.005	0.230	0.310	6.3
10.0	0.006	0.240	0.285	
17.0	0.005	0.235	0.275	

C-REF-NO 002
 CONS. NO 040
 COUNTRY 18
 INSTITUTE 22

LAT 43-53-00N
 LON 078-30-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 2042

NO. DEPTHS 02
 SOUNDING 0120
 BT SLIDE NO 042

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	5.0	9	3.40	0.08	0.2	342	14.31	0.026
10.0			3.31	0.00	0.1	337	14.31	0.026

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.240	0.280	
10.0	0.007	0.225	0.270	

C-REF-NO 002
 CONS. NO 041
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 078-30-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 2055

NO. DEPTHS 01
 SOUNDING 0380
 BT SLIDE NO 043

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR	PO4
0.0	4.5	9	3.10						

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 042
 COUNTRY 18
 INSTITUTE 22

LAT 43-48-36N
 LON 078-30-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 2138

NO. DEPTHS 05
 SOUNDING 0660
 BT SLIDE NO 044

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR	PO4
1.0	8.0	8	2.20	0.01	0.1	335	13.68	0.040	
10.0			2.18	0.00	0.1	334	13.74	0.038	
30.0			2.15	0.00	0.2	334	13.74	0.038	
50.0			2.16	0.01	0.1	335	13.74	0.038	
64.0			2.16	0.00	0.2	335	13.75	0.040	

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.006	0.240	0.460	
10.0	0.010	0.235	0.450	
30.0	0.006	0.235	0.452	
50.0	0.005	0.235	0.460	
64.0	0.006	0.240	0.462	

C-REF-NO 002
 CONS. NO 043
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 078-30-00W

YEAR 1969
 MONTH 04
 DAY 13
 TIME 2258

NO. DEPTHS 05
 SOUNDING 1400
 BT SLIDE NO 045

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	6.5	7	1.79	0.00	0.3	336	13.74	0.040
10.0			1.79	0.01	0.5	334	13.80	0.042
30.0			1.78	0.00	0.4	334	13.78	0.040
50.0			1.78	0.01	0.4	336	13.90	0.042
137.0			2.55	0.01	0.2	335	12.60	0.052

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.012	0.245	0.430	
10.0	0.009	0.235	0.420	
30.0	0.006	0.230	0.405	
50.0	0.005	0.230	0.415	
137.0	0.010	0.240	0.575	

C-REF-NO 002
 CONS. NO 044
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 078-30-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0048

NO. DEPTHS 01
 SOUNDING 1160
 BT SLIDE NO 046

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0			2.00					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 045
 COUNTRY 18
 INSTITUTE 22

LAT 43-24-24N
 LON 078-30-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0115

NO. DEPTHS 04
 SOUNDING 0540
 BT SLIDE NO 047

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			2.29	0.00	0.8	342	13.96	0.038
10.0			2.31	0.01	0.9	336	13.99	0.040
30.0			2.31	0.01	0.7	326	14.13	0.040
51.0			2.31	0.01	0.8	324	14.02	0.040

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.023	0.235	0.342	
10.0	0.022	0.225	0.347	
30.0	0.021	0.230	0.355	
51.0	0.024	0.235	0.375	

C-REF-NO 002
 CONS. NO 046
 COUNTRY 18
 INSTITUTE 22

LAT 43-24-24N
 LON 078-12-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0248

NO. DEPTHS 04
 SOUNDING 0450
 BT SLIDE NO 048

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			2.46	0.01	0.7	340	14.08	0.040
10.0			2.49	0.00	0.8	338	14.07	0.040
30.0			2.50	0.01	0.8	336	14.10	0.038
43.0			2.54	0.01	0.9	334	14.10	0.040

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.033	0.230	0.310	
10.0	0.031	0.230	0.335	
30.0	0.025	0.220	0.310	
43.0	0.031	0.215	0.300	

C-REF-NO 002
 CONS. NO 047
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 078-12-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0310

NO. DEPTHS 01
 SOUNDING 0800
 BT SLIDE NO 049

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PD4
0.0			2.10					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 048
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 078-12-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0453

NO. DEPTHS 05
 SOUNDING 1560
 BT SLIDE NO 050

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PD4
1.0			1.59	0.00	0.2	290	14.17	0.044
10.0			1.67	0.01	0.5	312	14.09	0.044
30.0			1.68	0.01	0.3	329	14.06	0.044
50.0			1.71	0.00	0.7	331	14.08	0.046
153.0			2.72	0.00	74.0	334	13.43	0.056

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.007	0.252	0.415	
10.0	0.008	0.250	0.435	
30.0	0.005	0.245	0.400	
50.0	0.010	0.265	0.440	
153.0	0.005	0.260	0.655	

C-REF-NO 002
 CONS. NO 049
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 078-12-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0641

NO. DEPTHS 04
 SOUNDING 0500
 BT SLIDE NO 051

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0			2.33	0.01	0.2	309	13.89	0.036
10.0			2.34	0.00	0.2	321	14.02	0.038
30.0			2.43	0.00	0.2	321	13.99	0.040
48.0			2.50	0.01	0.2	331	13.98	0.038

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.006	0.240	0.405	
10.0	0.007	0.240	0.415	
30.0	0.006	0.240	0.405	
48.0	0.005	0.237	0.405	

C-REF-NO 002
 CONS. NO 050
 COUNTRY 18
 INSTITUTE 22

LAT 43-56-00N
 LON 078-11-58W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0728

NO. DEPTHS 03
 SOUNDING 0170
 BT SLIDE NO 052

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0			2.94	0.01	0.2	305	14.14	0.030
10.0			3.02	0.01	0.3	326	14.18	0.028
15.0			3.26	0.00	0.3	333	14.14	0.026

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.007	0.230	0.340	
10.0	0.014	0.230	0.325	
15.0	0.005	0.218	0.300	

C-REF-NO 002
 CONS. NO 051
 COUNTRY 18
 INSTITUTE 22

LAT 43-57-42N
 LON 077-53-54W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0851

NO. DEPTHS 02
 SOUNDING 0120
 BT SLIDE NO 053

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0			5.62	0.01	1.0	333	14.06	0.006
10.0			4.13	0.00	0.3	330	14.17	0.006

DEPTH	NH3	TFNO3	R SID2	CHLORA
1.0	0.010	0.175	0.165	1.2
10.0	0.008	0.190	0.070	

C-REF-NO 002
 CONS. NO 052
 COUNTRY 18
 INSTITUTE 22

LAT 43-56-18N
 LON 077-54-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0917

NO. DEPTHS 01
 SOUNDING 0430
 BT SLIDE NO 054

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			2.30					

DEPTH	NH3	TFNO3	R SID2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 053
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 077-54-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 0955

NO. DEPTHS 05
 SOUNDING 0540
 BT SLIDE NO 055

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0			2.08	0.02	0.1	337	13.86	0.034
10.0			2.47	0.00	0.1	337	13.90	0.034
30.0			2.54	0.00	0.1	336	13.92	0.034
50.0			2.60	0.01	0.1	337	13.90	0.032
52.0			2.61	0.01	5.0	336	13.90	0.032

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.250	0.400	2.1
10.0	0.005	0.245	0.405	
30.0	0.003	0.240	0.395	
50.0	0.003	0.237	0.395	
52.0	0.004	0.245	0.405	

C-REF-NO 002
 CONS. NO 054
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-00N
 LON 077-54-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1040

NO. DEPTHS 01
 SOUNDING 1000
 BT SLIDE NO 056

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
0.0			1.30					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				2.1

C-REF-NO 002
 CONS. NO 055
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-18N
 LON 077-54-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1114

NO. DEPTHS 01
 SOUNDING 1290
 BT SLIDE NO 057

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0	7.0	8	1.30					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				0.4

C-REF-NO 002
 CONS. NO 056
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-54-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1157

NO. DEPTHS 05
 SOUNDING 1640
 BT SLIDE NO 058

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	7.0	7	1.62	0.01	0.1	335	13.77	0.032
10.0			1.68	0.00	0.4	340	13.89	0.036
30.0			1.69	0.01	0.2	335	13.86	0.034
50.0			1.69	0.01	0.2	338	13.87	0.034
161.0			2.66	0.00	29.0	336	12.30	0.042

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.006	0.255	0.385	1.4
10.0	0.005	0.260	0.405	
30.0	0.005	0.240	0.390	
50.0	0.004	0.230	0.375	
161.0	0.003	0.250	0.585	

C-REF-NO 002
CONS. NO 057
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-54-00W

YEAR 1969
MONTH 04
DAY 14
TIME 1310

NO. DEPTHS 01
SOUNDING 1800
BT SLIDE NO 059

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0	7.0	8	1.70					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
CONS. NO 058
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-54-00W

YEAR 1969
MONTH 04
DAY 14
TIME 1350

NO. DEPTHS 01
SOUNDING 1640
BT SLIDE NO 060

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0	11.0	8	1.90					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				1.4

C-REF-NO 002
 CONS. NO 059
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-54-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1435

NO. DEPTHS 05
 SOUNDING 1170
 BT SLIDE NO 061

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	9.0	6	2.09	0.06	0.0	336	13.78	0.032
10.0			2.01	0.00	0.1	344	13.75	0.032
29.0			2.05	0.01	0.1	348	13.67	0.034
48.0			2.06	0.00	0.1	346	13.79	0.034
115.0			2.10	0.00	3.5	342	13.76	0.032

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.006	0.250	0.410	2.3
10.0	0.009	0.245	0.425	
29.0	0.007	0.242	0.420	
48.0	0.011	0.247	0.430	
115.0	0.012	0.255	0.435	

C-REF-NO 002
 CONS. NO 060
 COUNTRY 18
 INSTITUTE 22

LAT 43-22-00N
 LON 077-54-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1549

NO. DEPTHS 02
 SOUNDING 0080
 BT SLIDE NO 062

DEPTH	SECCMI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	4.0	11	3.33	0.00	0.4	346	13.94	0.028
5.0			3.35	0.01	0.5	338	14.07	0.026

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.018	0.250	0.365	4.2
5.0	0.009	0.245	0.370	

C-REF-NO 002
 CONS. NO 061
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-18N
 LON 077-36-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1726

NO. DEPTHS 03
 SOUNDING 0160
 BT SLIDE NO 063

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	3.0	10	3.13	0.01	0.6	340	14.18	0.032
10.0			3.78	0.02	2.0	329	14.06	0.032
14.0			4.13	0.00	4.0	339	13.77	0.034

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.017	0.255	0.385	
10.0	0.034	0.290	0.510	
14.0	0.039	0.295	0.605	

C-REF-NO 002
 CONS. NO 062
 COUNTRY 18
 INSTITUTE 22

LAT 43-16-30N
 LON 077-27-30W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1820

NO. DEPTHS 03
 SOUNDING 0140
 BT SLIDE NO 064

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	3.5	8	2.72	0.01	0.5	300	14.17	0.034
10.0			2.72	0.00	0.5	326	14.20	0.036
12.0			2.77	0.00	0.7	330	14.14	0.034

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.016	0.240	0.350	
10.0	0.019	0.245	0.365	
12.0	0.018	0.250	0.370	

C-REF-NO 002
 CONS. NO 063
 COUNTRY 18
 INSTITUTE 22

LAT 43-20-48N
 LON 077-30-18W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 1904

NO. DEPTHS 05
 SOUNDING 0970
 BT SLIDE NO 065

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	5.0	8	1.92	0.01	0.2	309	14.02	0.042
10.0			1.90	0.00	0.1	338	14.08	0.040
30.0			1.91	0.00	0.2	331	14.15	0.042
50.0			1.95	0.01	0.2	332	13.95	0.040
96.0			2.16	0.00	0.4	333	14.06	0.046

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.250	0.395	
10.0	0.005	0.245	0.400	
30.0	0.009	0.245	0.405	
50.0	0.013	0.252	0.405	
96.0	0.018	0.265	0.412	

C-REF-NO 002
 CONS. NO 064
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-36-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 2004

NO. DEPTHS 01
 SOUNDING 1570
 BT SLIDE NO 066

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0	8.5	7	1.90					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 065
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-36-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 2125

NO. DEPTHS 01
 SOUNDING 1320
 BT SLIDE NO 067

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR PO4
0.0	6.0	7	1.60					

DEPTH	NH3	TFNO3	R SID2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 066
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 077-36-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 2247

NO. DEPTHS 01
 SOUNDING 0460
 BT SLIDE NO 068

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR PO4
0.0	4.5	8	2.70					

DEPTH	NH3	TFNO3	R SID2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 067
 COUNTRY 18
 INSTITUTE 22

LAT 43-56-18N
 LON 077-36-00W

YEAR 1969
 MONTH 04
 DAY 14
 TIME 2329

NO. DEPTHS 03
 SOUNDING 0210
 BT SLIDE NO 069

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0	4.5	8	5.22	0.00	0.2	334	13.97	0.006
10.0			3.95	0.00	0.1	333	14.24	0.006
19.0			3.90	0.00	0.1	334	14.12	0.006

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.018	0.180	0.135	
10.0	0.014	0.175	0.132	
19.0	0.014	0.180	0.150	

C-REF-NO 002
 CONS. NO 068
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-54N
 LON 077-32-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0005

NO. DEPTHS 01
 SOUNDING 0460
 BT SLIDE NO 070

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
0.0			2.90					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 069
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 077-18-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0120

NO. DEPTHS 03
 SOUNDING 0260
 BT SLIDE NO 071

DEPTH	SECCMI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			3.04	0.00	0.3	308	14.22	0.010
10.0			3.04	0.01	0.2	328	14.35	0.010
24.0			3.06	0.01	0.2	334	14.32	0.010

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.014	0.190	0.135	
10.0	0.012	0.180	0.132	
24.0	0.015	0.192	0.150	

C-REF-NO 002
 CONS. NO 070
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-18-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0257

NO. DEPTHS 05
 SOUNDING 1230
 BT SLIDE NO 072

DEPTH	SECCMI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			1.69	0.00	0.2	318	13.85	0.042
10.0			1.69	0.01	0.3	336	14.01	0.044
30.0			1.71	0.00	0.3	326	13.97	0.048
50.0			1.71	0.01	0.3	325	14.01	0.048
121.0			1.75	0.00	0.6	327	13.93	0.050

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.215	0.285	
10.0	0.026	0.215	0.295	
30.0	0.029	0.215	0.300	
50.0	0.026	0.212	0.305	
121.0	0.023	0.215	0.332	

C-REF-NO 002
 CONS. NO 071
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-18-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0435

NO. DEPTHS 01
 SOUNDING 2040
 BT SLIDE NO 073

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0			1.80					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
 CONS. NO 072
 COUNTRY 18
 INSTITUTE 22

LAT 43-18-44N
 LON 077-18-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0533

NO. DEPTHS 04
 SOUNDING 0460
 BT SLIDE NO 074

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0			2.11	0.01	0.2	309	13.94	0.036
10.0			2.19	0.06	0.3	322	13.99	0.038
30.0			2.19	0.00	0.3	329	14.01	0.038
44.0			2.71	0.01	0.7	335	14.06	0.036

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.013	0.240	0.375	
10.0	0.010	0.235	0.385	
30.0	0.010	0.237	0.380	
44.0	0.021	0.240	0.315	

C-REF-NO 002
 CONS. NO 073
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-12N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0711

NO. DEPTHS 02
 SOUNDING 0070
 BT SLIDE NO 075

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PD4
1.0			6.17	0.02	0.5	302	14.63	0.020
5.0			5.32	0.00	0.6	326	14.55	0.016

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.023	0.212	0.140	
5.0	0.009	0.215	0.195	

C-REF-NO 002
 CONS. NO 074
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-36N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0756

NO. DEPTHS 05
 SOUNDING 0670
 BT SLIDE NO 076

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PD4
1.0			1.92	0.01	0.2	308	14.15	0.034
10.0			1.99	0.00	0.3	330	14.01	0.036
30.0			2.10	0.01	0.3	334	14.03	0.038
50.0			2.11	0.01	0.2	348	14.08	0.038
66.0			2.19	0.00	0.4	333	13.95	0.042

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.008	0.252	0.385	2.2
10.0	0.006	0.252	0.400	
30.0	0.009	0.250	0.390	
50.0	0.010	0.252	0.390	
66.0	0.025	0.252	0.355	

C-REF-NO 002
 CONS. NO 075
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0855

NO. DEPTHS 01
 SOUNDING 1890
 BT SLIDE NO 077

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0			2.50					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				2.3

C-REF-NO 002
 CONS. NO 076
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-24N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 0939

NO. DEPTHS 05
 SOUNDING 2190
 BT SLIDE NO 078

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			1.92	0.00	0.1	336	13.59	0.040
10.0			1.92	0.01	0.1	336	13.69	0.042
30.0			1.93	0.01	0.1	336	13.71	0.042
50.0			1.92	0.01	0.0	337	13.71	0.040
215.0			3.05	0.01	0.8	410	12.19	0.068

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.007	0.245	0.390	0.8
10.0	0.002	0.250	0.410	
30.0	0.005	0.245	0.400	
50.0	0.001	0.225	0.377	
215.0	0.005	0.255	0.860	

C-REF-NO 002
 CONS. NO 077
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-36N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1028

NO. DEPTHS 01
 SOUNDING 1860
 BT SLIDE NO 079

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0			1.80					

DEPTH	NH3	TFN03	R SIO2	CHLORA
0.0				1.1

C-REF-NO 002
 CONS. NO 078
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1111

NO. DEPTHS 05
 SOUNDING 1440
 BT SLIDE NO 080

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	6.5	9	1.77	0.00	0.1	340	13.75	0.052
10.0			1.78	0.00	0.1	339	13.80	0.040
30.0			1.79	0.01	0.1	340	13.80	0.040
50.0			1.78	0.01	0.1	338	13.78	0.042
140.0			1.79	0.01	0.1	338	13.77	0.042

DEPTH	NH3	TFN03	R SIO2	CHLORA
1.0	0.022	0.255	0.435	1.4
10.0	0.006	0.252	0.430	
30.0	0.003	0.260	0.435	
50.0	0.005	0.250	0.425	
140.0	0.003	0.255	0.435	

C-REF-NO 002
 CONS. NO 079
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-18N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1155

NO. DEPTHS 01
 SOUNDING 0940
 BT SLIDE NO 081

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0	5.0	8	1.80					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				1.4

C-REF-NO 002
 CONS. NO 080
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-42N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1250

NO. DEPTHS 05
 SOUNDING 0590
 BT SLIDE NO 082

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	4.0	10	1.85	0.00	0.2	341	14.10	0.030
10.0			1.86	0.00	0.2	342	14.07	0.030
30.0			1.95	0.01	0.2	342	14.13	0.030
50.0			1.96	0.01	0.2	340	14.11	0.030
57.0			1.96	0.00	0.3	342	14.08	0.032

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.017	0.235	0.265	2.0
10.0	0.012	0.225	0.260	
30.0	0.007	0.220	0.220	
50.0	0.005	0.220	0.218	
57.0	0.012	0.220	0.225	

C-REF-NO 002
 CONS. NO 081
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 077-00-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1334

NO. DEPTHS 03
 SOUNDING 0150
 BT SLIDE NO 083

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	6.0	9	2.64	0.01	0.2	325	14.23	0.020
10.0			2.75	0.02	0.2	334	14.32	0.014
13.0			3.08	0.00	0.2	332	14.35	0.010

DEPTH	NH3	TFNO3	R SID2	CHLORA
1.0	0.016	0.210	0.190	1.2
10.0	0.010	0.200	0.172	
13.0	0.005	0.180	0.135	

C-REF-NO 002
 CONS. NO 082
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 076-42-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1506

NO. DEPTHS 04
 SOUNDING 0400
 BT SLIDE NO 084

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	6.0	9	2.17	0.00	0.3	348	14.27	0.024
10.0			2.11	0.01	0.4	335	14.37	0.022
30.0			2.26	0.01	0.3	335	14.38	0.022
38.0			2.34	0.01	0.3	335	14.38	0.020

DEPTH	NH3	TFNO3	R SID2	CHLORA
1.0	0.018	0.215	0.155	
10.0	0.010	0.212	0.160	
30.0	0.011	0.210	0.155	
38.0	0.008	0.215	0.145	

C-REF-NO 002
 CONS. NO 083
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 076-42-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1653

NO. DEPTHS 05
 SOUNDING 1550
 BT SLIDE NO 085

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	7.0	8	1.79	0.00	0.2	281	13.88	0.032
10.0			1.75	0.00	0.4	335	13.88	0.034
30.0			1.78	0.00	0.3	335	13.86	0.032
50.0			1.75	0.00	0.3	334	13.86	0.034
150.0			1.88	0.00	63.0	335	13.28	0.036

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.003	0.255	0.415	
10.0	0.009	0.237	0.385	
30.0	0.002	0.240	0.395	
50.0	0.011	0.240	0.395	
150.0	0.007	0.245	0.470	

C-REF-NO 002
 CONS. NO 084
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 076-42-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 1826

NO. DEPTHS 05
 SOUNDING 0640
 BT SLIDE NO 086

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	3.0	8	2.28	0.01	0.3	335	13.95	0.034
10.0			2.21	0.00	0.2	334	13.85	0.038
30.0			2.22	0.00	0.2	332	14.32	0.040
50.0			2.22	0.01	0.3	332	14.14	0.040
62.0			2.27	0.00	2.5	334	13.88	0.038

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.018	0.230	0.295	
10.0	0.020	0.235	0.310	
30.0	0.017	0.240	0.320	
50.0	0.023	0.240	0.320	
62.0	0.017	0.235	0.305	

C-REF-NO 002
CONS. NO 085
COUNTRY 18
INSTITUTE 22

LAT 43-23-00N
LON 076-42-00W

YEAR 1969
MONTH 04
DAY 15
TIME 1859

NO. DEPTHS 01
SOUNDING 0150
BT SLIDE NO 087

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
0.0	2.0	9	3.50					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				

C-REF-NO 002
CONS. NO 086
COUNTRY 18
INSTITUTE 22

LAT 43-28-36N
LON 076-32-06W

YEAR 1969
MONTH 04
DAY 15
TIME 2003

NO. DEPTHS 03
SOUNDING 0150
BT SLIDE NO 088

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	SR P04
1.0	2.0	11	4.43	0.00	1.5	360	14.03	0.018
10.0			4.40	0.01	1.5	334	14.20	0.022
13.0			4.33	0.01	1.5	333	14.29	0.020

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.011	0.230	0.190	
10.0	0.067	0.225	0.195	
13.0	0.020	0.220	0.200	

C-REF-NO 002
 CONS. NO 087
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-00N
 LON 076-24-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 2105

NO. DEPTHS 05
 SOUNDING 0600
 BT SLIDE NO 089

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0	4.5	8	2.16	0.00	0.1	371	13.83	0.032
10.0			2.15	0.00	0.1	341	14.17	0.032
30.0			2.15	0.00	0.1	342	13.99	0.032
50.0			2.60	0.00	0.3	343	13.88	0.032
58.0			3.30	0.00	0.9	358	13.53	0.040

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.019	0.262	0.365	1.2
10.0	0.012	0.255	0.360	
30.0	0.011	0.255	0.375	
50.0	0.020	0.240	0.280	
58.0	0.035	0.260	0.385	

C-REF-NO 002
 CONS. NO 088
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 076-24-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 2146

NO. DEPTHS 01
 SOUNDING 0980
 BT SLIDE NO 090

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0	5.0	7	1.90					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				2.3

C-REF-NO 002
 CONS. NO 089
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-12N
 LON 076-24-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 2231

NO. DEPTHS 04
 SOUNDING 0520
 BT SLIDE NO 091

DEPTH	SECCMI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
1.0	4.0	8	2.13	0.01	0.3	334	13.90	0.034
10.0			2.12	0.00	0.2	337	14.07	0.032
30.0			2.10	0.01	0.2	335	14.04	0.032
50.0			2.10	0.01	0.2	334	14.07	0.032

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.016	0.245	0.285	3.7
10.0	0.007	0.235	0.290	
30.0	0.008	0.230	0.290	
50.0	0.003	0.235	0.295	

C-REF-NO 002
 CONS. NO 090
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-42N
 LON 076-24-00W

YEAR 1969
 MONTH 04
 DAY 15
 TIME 2309

NO. DEPTHS 01
 SOUNDING 0430
 BT SLIDE NO 092

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR PO4
0.0	3.5	10	2.30					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				4.5

C-REF-NO 002
 CONS. NO 091
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 076-24-00W

YEAR 1969
 MONTH 04
 DAY 16
 TIME 0004

NO. DEPTHS 03
 SOUNDING 0240
 BT SLIDE NO 093

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			2.70	0.01	0.3	336	14.54	0.012
10.0			2.80	0.00	0.5	333	14.62	0.012
22.0			2.98	0.01	0.3	335	14.69	0.010

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.205	0.200	5.1
10.0	0.005	0.200	0.190	
22.0	0.008	0.205	0.160	

C-REF-NO 002
 CONS. NO 092
 COUNTRY 18
 INSTITUTE 22

LAT 43-56-18N
 LON 076-12-00W

YEAR 1969
 MONTH 04
 DAY 16
 TIME 0110

NO. DEPTHS 01
 SOUNDING 0200
 BT SLIDE NO 094

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
0.0			3.20					

DEPTH	NH3	TFNO3	R SIO2	CHLORA
0.0				3.5

C-REF-NO 002
 CONS. NO 093
 COUNTRY 18
 INSTITUTE 22

LAT 44-00-42N
 LON 076-30-00W

YEAR 1969
 MONTH 04
 DAY 16
 TIME 0248

NO. DEPTHS 03
 SOUNDING 0260
 BT SLIDE NO 095

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR	PO4
1.0			2.63	0.00	0.3	334	14.49	0.010	
10.0			2.62	0.00	0.2	336	14.49	0.010	
24.0			2.65	0.01	0.2	337	14.49	0.012	

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.008	0.195	0.075	5.0
10.0	0.007	0.190	0.075	
24.0	0.017	0.185	0.075	

C-REF-NO 002
 CONS. NO 094
 COUNTRY 18
 INSTITUTE 22

LAT 44-09-18N
 LON 076-36-00W

YEAR 1969
 MONTH 04
 DAY 16
 TIME 0401

NO. DEPTHS 03
 SOUNDING 0190
 BT SLIDE NO 096

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR	PO4
1.0			2.52	0.01	0.4	338	14.72	0.004	
10.0			2.51	0.00	0.3	333	14.70	0.006	
17.0			2.52	0.00	0.3	331	14.70	0.004	

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.187	0.090	3.2
10.0	0.016	0.172	0.090	
17.0	0.011	0.175	0.095	

C-REF-NO 002
CONS. NO 095
COUNTRY 18
INSTITUTE 22

LAT 44-00-36N
LON 076-48-00W

YEAR 1969
MONTH 04
DAY 16
TIME 0536

NO. DEPTHS 03
SOUNDING 0270
BT SLIDE NO 097

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	SR P04
1.0			2.58	0.00	0.3	351	14.61	0.006
10.0			2.57	0.00	0.3	342	14.69	0.004
25.0			2.57	0.00	0.3	336	14.59	0.004

DEPTH	NH3	TFNO3	R SIO2	CHLORA
1.0	0.049	0.175	0.060	5.8
10.0	0.020	0.175	0.060	
25.0	0.011	0.170	0.060	

CRUISE 69 - 007, May 12 - 17

C-REF-NO 007
CONS. NO 001

COUNTRY 18
INSTITUTE 22

LAT 43-19-12N
LON 079-42-00W

YEAR 1969
MONTH 05
DAY 12
TIME 1824

NO. DEPTHS 05
SOUNDING 0420
BT SLIDE NO 001

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	4.0	10	3.99	0.04	0.1	340	13.67	0.042
10.0			3.98	0.01	0.2	338	13.67	0.080
20.0			3.97	0.02	0.1	338	13.67	0.075
30.0			3.97		0.1	338	13.66	0.045
40.0			3.96	0.01	0.2	338	13.60	0.027

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.027	0.011	0.225	0.360	4.0	101E00
10.0	0.027	0.005	0.218	0.350		101E00
20.0	0.032	0.014	0.225	0.355		
30.0	0.026	0.009	0.216	0.355		
40.0	0.026	0.006	0.210	0.355		101E00

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.013	0.010	0.003	0.001
10.0							
20.0							
30.0	0.000	0.001	0.000	0.003	0.004	0.002	0.000
40.0	0.000	0.001	0.000	0.002	0.003	0.002	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.064
10.0					
20.0					
30.0	0.001	0.003	0.195	0.000	0.023
40.0	0.001	0.003	0.195	0.000	0.023

C-REF-NO 007
CONS. NO 002
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-39-06W

YEAR 1969
MONTH 05
DAY 12
TIME 2010

NO. DEPTHS 01
SOUNDING 0340
BT SLIDE NO 002

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	4.0	9	4.00					

DEPTH	SR P04	NH3	TFN03	R SI02	CHLORA	MF COL
0.0					4.4	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
 CONS. NO 003
 COUNTRY 18
 INSTITUTE 22

LAT 43-14-12N
 LON 079-34-12W

YEAR 1969
 MONTH 05
 DAY 12
 TIME 2124

NO. DEPTHS 03
 SOUNDING 0170
 BT SLIDE NO 003

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	3.0	10	5.69	0.04	0.3	344	14.01	0.095
10.0			5.68	0.01	0.4	341	14.06	0.043
16.0			5.70	0.00	0.6	341	14.06	0.051

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.008	0.007	0.170	0.110	17.1	101E00
10.0	0.015	0.012	0.162	0.090		500E00
16.0	0.008	0.005	0.160	0.090		200E00

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.005	0.004	0.001	0.000
10.0							
16.0	0.000	0.001	0.000	0.003	0.003	0.002	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.050
10.0					
16.0	0.001	0.003	0.195	0.000	0.045

C-REF-NO 007
CONS. NO 004
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-33-42W

YEAR 1969
MONTH 05
DAY 12
TIME 2208

NO. DEPTHS 01
SOUNDING 0670
BT SLIDE NO 004

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	6.0	8	3.90					

DEPTH	SR P04	NH3	TFN03	R SIQ2	CHLORA	MF COL
0.0					3.7	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 005
COUNTRY 18
INSTITUTE 22

LAT 43-22-00N YEAR 1969
 LON 079-33-00W MONTH 05
 DAY 13
 TIME 0122

NO. DEPTHS 05
 SOUNDING 0800
 BT SLIDE NO 005

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	6.0	8	3.67	0.04	0.1	344	13.66	0.043
10.0			3.66	0.01	0.2	338	13.68	0.040
20.0			3.67	0.01	0.1	343	13.98	0.080
30.0			3.66	0.01	0.7	340	13.68	0.037
78.0			3.65	0.00	0.2	340	13.71	0.040

DEPTH	SR PQ4	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0	0.029	0.002	0.218	0.380	4.5	101E00
10.0	0.029	0.005	0.214	0.395		
20.0	0.029	0.002	0.214	0.415		
30.0	0.031	0.005	0.216	0.440		
78.0	0.032	0.009	0.198	0.400		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.012	0.005	0.002	0.001
10.0							
20.0							
30.0	0.001	0.001	0.000	0.002	0.002	0.001	0.000
78.0	0.000	0.001	0.000	0.002	0.004	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.000
10.0					
20.0					
30.0	0.001	0.002	0.195	0.000	0.032
78.0	0.001	0.002	0.195	0.000	0.042

C-REF-NO 007
CONS. NO 006

COUNTRY 18
INSTITUTE 22

LAT 43-25-54N
LON 079-34-36W

YEAR 1969
MONTH 05
DAY 13
TIME 0302

NO. DEPTHS 01
SOUNDING 0680
BT SLIDE NO 006

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0			4.80					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					15.3	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 007
COUNTRY 18
INSTITUTE 22

LAT 43-29-00N
LON 079-35-48W

YEAR 1969
MONTH 05
DAY 13
TIME 0343

NO. DEPTHS 03
SOUNDING 0200
BT SLIDE NO 007

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			4.67	0.04	0.2	344	13.65	0.058
10.0			4.64	0.02	0.3	337	13.76	0.040
18.0			4.65	0.01	0.4	344	13.79	0.040

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.024	0.009	0.184	0.270	11.4	100E01
10.0	0.024	0.021	0.205	0.290		600E00
18.0	0.024	0.008	0.190	0.295		290E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.004	0.006	0.001	0.000
10.0							
18.0	0.000	0.000	0.000	0.003	0.002	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.035
10.0					
18.0	0.001	0.003	0.195	0.000	0.050

C-REF-NO 007
CONS. NO 008
COUNTRY 18
INSTITUTE 22

LAT 43-33-06N
LON 079-31-36W

YEAR 1969
MONTH 05
DAY 13
TIME 0438

NO. DEPTHS 01
SOUNDING 0260
BT SLIDE NO 008

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T PO4
0.0			4.70					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					14.7	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 009
COUNTRY 18
INSTITUTE 22

LAT 43-37-12N
LON 079-27-18W

YEAR 1969
MONTH 05
DAY 13
TIME 0547

NO. DEPTHS 03
SOUNDING 0180
BT SLIDE NO 010

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0			5.74	0.03	0.4	344	14.01	0.090
10.0			5.46	0.01	0.3	344	13.98	0.070
16.0			5.44	0.01	0.4	345	13.91	0.110

DEPTH	SR P04	NH3	TFN03	R SID2	CHLORA	MF COL
1.0	0.019	0.010	0.162	0.055	20.7	340E01
10.0	0.015	0.007	0.162	0.070		200E01
16.0	0.017	0.013	0.162	0.090		360E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.003	0.003	0.001	0.001
10.0							
16.0	0.000	0.000	0.000	0.003	0.003	0.001	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.200	0.000	0.039
10.0					
16.0	0.001	0.003	0.195	0.000	0.035

C-REF-NO 007
 CONS. NO 010
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-24N
 LON 079-24-00W

YEAR 1969
 MONTH 05
 DAY 13
 TIME 0658

NO. DEPTHS 05
 SOUNDING 0630
 BT SLIDE NO 012

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			5.72	0.04	0.3	342	14.01	0.053
10.0			5.71	0.02	0.4	342	13.99	0.056
20.0			5.73	0.00	0.5	343	14.01	0.058
30.0			5.57	0.02	0.5	342	13.91	0.052
61.0			4.04	0.00	0.4	340	13.75	0.038

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.009	0.009	0.142	0.000	20.7	910E01
10.0	0.010	0.006	0.134	0.000		390E01
20.0	0.011	0.006	0.138	0.000		
30.0	0.013	0.012	0.150	0.060		
61.0	0.026	0.008	0.196	0.315		200E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
61.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
61.0					

C-REF-NO 007
CONS. NO 011
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 079-24-00W

YEAR 1969
MONTH 05
DAY 13
TIME 0825

NO. DEPTHS 05
SOUNDING 0940
BT SLIDE NO 013

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			3.45	0.03	0.2	342	13.55	0.080
10.0			3.46	0.01	0.1	341	13.57	0.078
19.0			3.49	0.01	0.3	340	13.57	0.073
29.0			3.49	0.00	0.3	335	13.57	0.100
89.0			3.49	0.00	2.0	340	13.40	0.080

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.035	0.005	0.228	0.375	17.1	101E00
10.0	0.035	0.002	0.222	0.370		
19.0	0.035	0.015	0.228	0.375		
29.0	0.038	0.002	0.220	0.375		
89.0	0.037	0.005	0.215	0.370		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.006	0.008	0.001	0.000
10.0							
19.0							
29.0	0.000	0.001	0.000	0.004	0.011	0.001	0.000
89.0	0.000	0.001	0.000	0.005	0.013	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.195	0.000	0.060
10.0					
19.0					
29.0	0.001	0.002	0.190	0.000	0.022
89.0	0.001	0.003	0.195	0.000	0.030

C-REF-NO 007
CONS. NO 012
COUNTRY 18
INSTITUTE 22

LAT 43-25-54N
LON 079-24-00W

YEAR 1969
MONTH 05
DAY 13
TIME 1150

NO. DEPTHS 01
SOUNDING 1130
BT SLIDE NO 014

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	12.0	8	3.30					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					21.3	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 013
COUNTRY 18
INSTITUTE 22

LAT 43-21-24N
LON 079-24-00W

YEAR 1969
MONTH 05
DAY 13
TIME 1246

NO. DEPTHS 05
SOUNDING 1020
BT SLIDE NO 015

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	8.0	9	3.34	0.03	0.3	343	13.52	0.075
10.0			3.32	0.01	0.1	340	13.91	0.078
19.0			3.33	0.01	0.1	338	13.65	0.065
29.0			3.33	0.01	0.2	336	13.61	0.070
97.0			3.33	0.00	25.0	339	13.65	0.073

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.039	0.015	0.230	0.450	3.1	210E02
10.0	0.039	0.010	0.228	0.465		
19.0	0.039	0.002	0.224	0.435		
29.0	0.043	0.005	0.224	0.470		
97.0	0.041	0.002	0.220	0.465		100E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.003	0.010	0.001	0.000
10.0							
19.0							
29.0	0.000	0.001	0.000	0.002	0.008	0.001	0.000
97.0	0.000	0.000	0.000	0.003	0.007	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.195	0.000	0.000
10.0					
19.0					
29.0	0.001	0.002	0.195	0.000	0.000
97.0	0.001	0.002	0.195	0.000	0.000

C-REF-NO 007
CONS. NO 014

COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 079-24-00W

YEAR 1969
MONTH 05
DAY 13
TIME 1449

NO. DEPTHS 01
SOUNDING 0740
BT SLIDE NO 016

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	8.0	9	3.40					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					2.3	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 015
COUNTRY 18
INSTITUTE 22

LAT	43-13-00N	YEAR	1969
LON	079-24-00W	MONTH	05
		DAY	13
		TIME	1540

NO. DEPTHS	03
SOUNDING	0150
BT SLIDE NO	017

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T PO4
1.0	3.5	10	7.10	0.03	0.3	303	14.27	0.103
10.0			6.81	0.00	0.4	341	14.27	0.100
13.0					2.0	339	14.22	0.105

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.013	0.010	0.130	0.000	24.7	330E01
10.0	0.011	0.005	0.134	0.000		100E01
13.0	0.011	0.002	0.130	0.000		240E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.001	0.008	0.001	0.000
10.0							
13.0	0.000	0.001	0.000	0.004	0.013	0.002	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.190	0.000	0.018
10.0					
13.0	0.001	0.007	0.195	0.000	0.000

C-REF-NO 007
 CONS. NO 016
 COUNTRY 18
 INSTITUTE 22

LAT 43-15-06N
 LON 079-15-00W

YEAR 1969
 MONTH 05
 DAY 13
 TIME 1701

NO. DEPTHS 03
 SOUNDING 0250
 BT SLIDE NO 019

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	11	5.56	0.03	0.2	338	13.96	
10.0			5.48	0.01	0.4	337	13.99	
23.0			5.45	0.01	0.5	336	13.91	

DEPTH	SR P04	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0					17.1	400E00
10.0						101E00
23.0						101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
23.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
23.0					

C-REF-NO 007
CONS. NO 017
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
 LON 079-15-00W

YEAR 1969
 MONTH 05
 DAY 13
 TIME 1738

NO. DEPTHS 01
 SOUNDING 0780
 BT SLIDE NO 021

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	6.0	8	3.70					

DEPTH	SR PO4	NH3	TFNO3	R SID2	CHLORA	MF COL
0.0					3.9	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 018
COUNTRY 18
INSTITUTE 22

LAT 43-21-24N
LON 079-15-00W

YEAR 1969
MONTH 05
DAY 13
TIME 1824

NO. DEPTHS 01
SOUNDING 1040
BT SLIDE NO 022

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	7.0	8	3.20					

DEPTH	SR PO4	NH3	TFNO3	R SID2	CHLORA	MF COL
0.0					2.7	

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 019
COUNTRY 18
INSTITUTE 22

LAT 43-25-54N
LON 079-15-00W

YEAR 1969
MONTH 05
DAY 13
TIME 1930

NO. DEPTHS 02
SOUNDING 1200
BT SLIDE NO 023

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T PO4
1.0	8.0	8	3.17	0.02	0.1	337	13.60	
119.0			3.12	0.00	0.1	340	13.55	

DEPTH	SR PO4	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0					2.3	101E00
119.0						101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
119.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
119.0					

C-REF-NO 007
CONS. NO 021
COUNTRY 18
INSTITUTE 22

LAT 43-34-54N
LON 079-15-00W

YEAR 1969
MONTH 05
DAY 13
TIME 2103

NO. DEPTHS 01
SOUNDING 1140
BT SLIDE NO 025

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	8.0	8	3.20					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					2.4	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 022
COUNTRY 18
INSTITUTE 22

LAT 43-36-24N
LON 079-21-00W

YEAR 1969
MONTH 05
DAY 13
TIME 2226

NO. DEPTHS 05
SOUNDING 0650
BT SLIDE NO 026

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	11	5.77	0.04	0.3	343	14.10	0.102
10.0			5.68	0.00	0.6	343	13.93	0.109
20.0			5.56		0.5	341	13.76	0.103
30.0			5.17	0.01	0.5	340	13.72	0.098
60.0			4.23	0.01	0.9	338	13.46	0.095

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.017	0.078	0.182	0.020	22.0	300E01
10.0	0.016	0.029	0.184	0.015		480E01
20.0	0.016	0.026	0.175	0.020		
30.0	0.016	0.025	0.175	0.075		
60.0	0.027	0.026	0.204	0.250		270E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
60.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
60.0					

C-REF-NO 007
CONS. NO 023
COUNTRY 18
INSTITUTE 22

LAT 43-38-54N
LON 079-18-00W

YEAR 1969
MONTH 05
DAY 14
TIME 0210

NO. DEPTHS 01
SOUNDING 0100
BT SLIDE NO 027

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			5.30					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
0.0					20.7	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 024
COUNTRY 18
INSTITUTE 22

LAT 43-39-30N
LON 079-15-00W

YEAR 1969
MONTH 05
DAY 14
TIME 0232

NO. DEPTHS 01
SOUNDING 0200
BT SLIDE NO 029

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			4.20					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
0.0					8.8	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 025
COUNTRY 18
INSTITUTE 22

LAT 43-42-18N
LON 079-12-48W

YEAR 1969
MONTH 05
DAY 14
TIME 0324

NO. DEPTHS 03
SOUNDING 0160
BT SLIDE NO 031

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0			4.46	0.04	0.2	342	13.84	0.121
10.0			4.41	0.01	0.2	342	13.91	0.085
14.0			4.41	0.01	0.2	341	13.90	0.085

DEPTH	SR P04	NH3	TFNO3	R SI02	CHLORA	MF COL
1.0	0.035	0.039	0.230	0.365	9.5	530E01
10.0	0.044	0.040	0.235	0.420		320E01
14.0	0.038	0.080	0.236	0.445		960E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
14.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
14.0					

C-REF-NO 007
CONS. NO 026
COUNTRY 18
INSTITUTE 22

LAT 43-47-24N
LON 079-05-42W

YEAR 1969
MONTH 05
DAY 14
TIME 0444

NO. DEPTHS 03
SOUNDING 0140
BT SLIDE NO 033

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			5.86	0.01	0.6	351	13.81	0.185
10.0			4.82	0.04	0.2	344	13.47	0.180
12.0			4.80	0.00	0.2	342	13.81	0.123

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.168	0.270	0.208	0.225	4.8	600E02
10.0	0.160	0.160	0.208	0.290		510E02
12.0	0.047	0.040	0.196	0.235		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.005	0.015	0.002	0.001
10.0							
12.0	0.000	0.000	0.000	0.006	0.020	0.002	0.002

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.005	0.210	0.001	0.022
10.0					
12.0	0.001	0.005	0.200	0.000	0.030

C-REF-NO 007
CONS. NO 027
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 079-06-00W

YEAR 1969
MONTH 05
DAY 14
TIME 0633

NO. DEPTHS 05
SOUNDING 1070
BT SLIDE NO 035

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0			2.99	0.00	0.0	341	13.49	0.075
10.0			2.98	0.02	0.0	342	13.55	0.072
20.0			3.00	0.01	0.0	340	13.52	0.089
30.0			3.00	0.00	0.1	340	13.53	0.067
105.0			3.02	0.01	1.0	340	13.52	0.088

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.042	0.011	0.240	0.425	0.3	101E00
10.0	0.043	0.045	0.240	0.460		
20.0	0.042	0.034	0.240	0.500		
30.0	0.040	0.010	0.226	0.410		
105.0	0.042	0.014	0.235	0.475		400E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.002	0.004	0.001	0.000
10.0							
20.0							
30.0	0.000	0.000	0.000	0.003	0.004	0.001	0.001
105.0	0.000	0.000	0.000	0.004	0.005	0.002	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.200	0.000	0.000
10.0					
20.0					
30.0	0.001	0.002	0.210	0.000	0.000
105.0	0.001	0.002	0.210	0.001	0.000

C-REF-NO 007
CONS. NO 028
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 079-06-00W

YEAR 1969
MONTH 05
DAY 14
TIME 0900

NO. DEPTHS 05
SOUNDING 1210
BT SLIDE NO 036

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			2.92	0.00	0.0		13.44	0.099
10.0			2.93	0.03	0.0		13.52	0.084
20.0			2.94	0.01	0.0		13.52	0.086
30.0			2.94	0.01	0.0		13.52	0.070
119.0			2.92	0.00	0.1		13.55	0.130

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.040	0.017	0.235	0.405	0.2	101E00
10.0	0.040	0.017	0.242	0.425		
20.0	0.039	0.017	0.233	0.425		
30.0	0.038	0.013	0.225	0.420		
119.0	0.037	0.010	0.225	0.420		100E00

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.003	0.003	0.001	0.001
10.0							
20.0							
30.0	0.000	0.000	0.000	0.004	0.007	0.001	0.001
119.0	0.000	0.000	0.000	0.005	0.005	0.002	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.195	0.000	0.000
10.0					
20.0					
30.0	0.001	0.002	0.195	0.000	0.000
119.0	0.001	0.003	0.200	0.000	0.000

C-REF-NO	007
CONS. NO	029
COUNTRY	18
INSTITUTE	22

LAT 43-16-30N
LON 079-08-48W

YEAR 1969
MONTH 05
DAY 14
TIME 1102

NO. DEPTHS 03
SOUNDING 0150
BT SLIDE NO 037

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	1.5	11	7.51	0.00	1.3	347	13.28	0.118
10.0			7.43		1.2	344	13.37	0.190
13.0			7.03	0.01	0.4	345	13.68	0.118

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.002	0.023	0.162	0.095	8.0	190E03
10.0	0.016	0.022	0.178	0.235		
13.0	0.002	0.027	0.166	0.125		560E02

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
13.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
13.0					

C-REF-NO 007
CONS. NO 030
COUNTRY 18
INSTITUTE 22

LAT 43-17-42N
LON 079-06-30W

YEAR 1969
MONTH 05
DAY 14
TIME 1148

NO. DEPTHS 02
SOUNDING 0120
BT SLIDE NO 039

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	1.0	11	8.85	0.01	8.9	334	12.44	0.125
10.0			7.66	0.01	5.0	337	13.03	0.142

DEPTH	SR P04	NH3	TFN03	R SID2	CHLORA	MF COL
1.0	0.023	0.090	0.114	0.190	6.9	360E03
10.0	0.006	0.029	0.142	0.115		120E03

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.008	0.001	0.003
10.0	0.000	0.001	0.000	0.003	0.005	0.000	0.002

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.175	0.000	0.000
10.0	0.001	0.003	0.195	0.000	0.000

C-REF-NO 007
CONS. NO 031
COUNTRY 18
INSTITUTE 22

LAT 43-18-12N
LON 079-02-24W

YEAR 1969
MONTH 05
DAY 14
TIME 1249

NO. DEPTHS 02
SOUNDING 0100
BT SLIDE NO 041

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	0.5	11	8.58	0.01	8.2	334	12.39	0.142
8.0			8.55	0.02	7.8	331	12.15	0.150

DEPTH	SR PO4	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0	0.023	0.086	0.092	0.170	10.9	150E03
8.0	0.028	0.090	0.118	0.200		110E03

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
8.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
8.0					

C-REF-NO 007
CONS. NO 032

COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 078-40-00W

YEAR 1969
MONTH 05
DAY 14
TIME 1505

NO. DEPTHS 05
SOUNDING 0530
BT SLIDE NO 043

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	4.0	9	5.54	0.02	0.2	344	13.84	0.089
10.0			5.38	0.03	0.3	339	13.96	0.086
20.0			4.87	0.01	0.3	342	13.78	0.088
30.0			4.66	0.01	0.2	344	13.72	0.102
51.0			4.48	0.01	0.3	344	13.71	0.102

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.020	0.019	0.215	0.225	18.3	290E01
10.0	0.012	0.017	0.200	0.250		750E01
20.0	0.023	0.025	0.252	0.250		
30.0	0.012	0.010	0.180	0.225		
51.0	0.027	0.018	0.210	0.315		200E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.005	0.005	0.002	0.000
10.0							
20.0							
30.0	0.000	0.000	0.000	0.004	0.003	0.001	0.000
51.0	0.000	0.000	0.000	0.005	0.007	0.001	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.000
10.0					
20.0					
30.0	0.001	0.002	0.195	0.000	0.000
51.0	0.001	0.003	0.195	0.000	0.012

C-REF-NO 007
CONS. NO 033
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-48-00W

YEAR 1969
MONTH 05
DAY 14
TIME 1608

NO. DEPTHS 05
SOUNDING 1300
BT SLIDE NO 044

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	10.0	9	2.88	0.02	0.1	347	13.56	0.062
10.0			2.90	0.04	0.1	348	13.68	0.092
20.0			2.82	0.00	0.1	341	13.68	0.068
30.0			2.82	0.01	0.1	344	13.71	0.075
128.0			2.77	0.02	0.2	348	13.62	0.080

DEPTH	SR P04	NH3	TFNO3	R SI02	CHLORA	MF COL
1.0	0.041	0.019	0.242	0.455	1.6	101E00
10.0	0.045	0.037	0.256	0.510		102E03
20.0	0.043	0.029	0.256	0.445		
30.0	0.046	0.022	0.230	0.480		
128.0	0.047	0.023	0.222	0.515		200E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
128.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
128.0					

C-REF-NO 007
CONS. NO 034
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 078-48-00W

YEAR 1969
MONTH 05
DAY 14
TIME 1728

NO. DEPTHS 01
SOUNDING 1520
BT SLIDE NO 045

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	6.0	7	3.00					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
0.0					1.6	

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 035
COUNTRY 18
INSTITUTE 22

LAT 43-34-36N
LON 078-48-00W

YEAR 1969
MONTH 05
DAY 14
TIME 1838

NO. DEPTHS 05
SOUNDING 1490
BT SLIDE NO 046

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	5.0	7	2.88	0.01	0.1	338	13.51	0.038
10.0			2.79	0.03	0.0	337	13.58	0.047
20.0			2.81	0.00	0.0	339	13.58	0.063
29.0			2.79	0.00	0.0	339	13.55	0.070
143.0			2.86	0.01	0.0	336	13.57	0.072

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.024	0.006	0.250	0.440	1.6	101E00
10.0	0.031	0.011	0.250	0.495		
20.0	0.023	0.017	0.242	0.465		
29.0	0.024	0.021	0.252	0.610		
143.0	0.027	0.009	0.229	0.480		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.004	0.004	0.001	0.001
10.0							
20.0							
29.0	0.000	0.000	0.000	0.003	0.007	0.001	0.000
143.0	0.000	0.000	0.000	0.004	0.007	0.001	0.002

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.000
10.0					
20.0					
29.0	0.001	0.002	0.195	0.000	0.000
143.0	0.001	0.003	0.195	0.000	0.000

C-REF-NO 007
CONS. NO 037

COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 078-48-00W

YEAR 1969
MONTH 05
DAY 14
TIME 2032

NO. DEPTHS 01
SOUNDING 0980
BT SLIDE NO 048

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	5.0	8	3.10					

DEPTH	SR PQ4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					2.1	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 038
COUNTRY 18
INSTITUTE 22

LAT 43-47-36N
LON 078-48-00W

YEAR 1969
MONTH 05
DAY 14
TIME 2128

NO. DEPTHS 05
SOUNDING 0570
BT SLIDE NO 049

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	10	4.78	0.01	0.1	340	14.26	0.056
10.0			4.66		0.1	339	14.21	0.037
20.0			4.04	0.01	0.1	339	13.87	0.040
30.0			3.97	0.01	0.1	340	13.83	0.038
55.0			3.92	0.01	0.1	339	13.77	0.025

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.014	0.030	0.225	0.265	10.3	
10.0	0.012	0.016	0.196	0.305		
20.0	0.016	0.017	0.200	0.265		
30.0	0.020	0.018	0.202	0.485		
55.0	0.021	0.018	0.202	0.515		

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
55.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
55.0					

C-REF-NO 007
CONS. NO 039
COUNTRY 18
INSTITUTE 22

LAT 43-51-00N
LON 078-48-00W

YEAR 1969
MONTH 05
DAY 14
TIME 2228

NO. DEPTHS 03
SOUNDING 0140
BT SLIDE NO 050

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	3.5	10	5.62	0.00	0.2	338	14.26	0.070
10.0			5.57		0.2	339	14.09	0.042
12.0			5.23	0.02	0.2	340	14.18	0.030

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.005	0.016	0.165	0.155	13.4	100E01
10.0	0.007	0.018	0.146	0.150		450E01
12.0	0.005	0.010	0.145	0.140		

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.004	0.007	0.001	0.000
10.0							
12.0	0.000	0.001	0.000	0.006	0.005	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.022
10.0					
12.0	0.005	0.003	0.195	0.000	0.000

C-REF-NO 007
CONS. NO 040

COUNTRY 18
INSTITUTE 22

LAT 43-53-00N
LON 078-30-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0016

NO. DEPTHS 03
SOUNDING 0150
BT SLIDE NO 052

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			5.87	0.00	0.2	348	14.21	0.055
10.0			5.30	0.07	0.2	337	14.32	0.055
12.0			4.92	0.01	0.2	340	14.15	0.023

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.002	0.012	0.145	0.100	14.9	101E00
10.0	0.002	0.020	0.200	0.145		101E00
12.0	0.002	0.013	0.160	0.125		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
12.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
12.0					

C-REF-NO 007
CONS. NO 041
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-30-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0040

NO. DEPTHS 01
SOUNDING 0410
BT SLIDE NO 054

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0			5.20					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					12.4	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 042
COUNTRY 18
INSTITUTE 22

LAT 43-48-36N
LON 078-30-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0117

NO. DEPTHS 05
SOUNDING 0700
BT SLIDE NO 055

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			4.57	0.01	0.1	345	14.24	0.063
10.0			4.59	0.04	0.1	338	14.13	0.063
20.0			4.19		0.2	340	14.06	0.045
30.0			3.91	0.01	0.2	337	13.91	0.057
68.0			3.87	0.00	0.3	337	13.80	0.052

DEPTH	SR P04	NH3	TFN03	R SID2	CHLORA	MF COL
1.0	0.012	0.014	0.200	0.215	11.5	101E00
10.0	0.012	0.014	0.175	0.220		
20.0	0.018	0.016	0.200	0.225		
30.0	0.024	0.015	0.205	0.355		
68.0	0.026	0.015	0.210	0.400		100E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
68.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
68.0					

C-REF-NO 007
CONS. NO 043
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-30-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0257

NO. DEPTHS 05
SOUNDING 1420
BT SLIDE NO 056

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			2.79	0.00	0.1	345	13.70	0.056
10.0			2.84	0.03	0.3	340	13.65	0.065
20.0			2.87	0.00	0.1	340	13.73	0.070
29.0			2.89	0.01	0.1	340	13.74	0.055
139.0			3.14	0.01	0.1	338	13.73	0.055

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.039	0.017	0.275	0.435	2.3	101E00
10.0	0.039	0.010	0.245	0.425		
20.0	0.039	0.008	0.230	0.415		
29.0	0.039	0.010	0.235	0.430		
139.0	0.037	0.007	0.225	0.420		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.001	0.002	0.001	0.000
10.0							
20.0							
29.0	0.000	0.000	0.000	0.004	0.002	0.001	0.000
139.0	0.000	0.001	0.000	0.003	0.003	0.002	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.200	0.000	0.000
10.0					
20.0					
29.0	0.001	0.003	0.200	0.000	0.000
139.0	0.001	0.002	0.195	0.000	0.007

C-REF-NO 007
CONS. NO 044
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-30-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0517

NO. DEPTHS 01
SOUNDING 1170
BT SLIDE NO 057

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			2.80					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
0.0					2.1	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 045
COUNTRY 18
INSTITUTE 22

LAT 43-24-24N
LON 078-30-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0557

NO. DEPTHS 05
SOUNDING 0630
BT SLIDE NO 058

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			5.47	0.01	0.1	345	13.87	0.073
10.0			5.04	0.04	0.2	334	13.88	0.067
20.0			4.87	0.00	0.2	339	13.81	0.106
30.0			4.60	0.02	0.2	339	13.73	0.080
61.0			4.30	0.00	0.2	338	13.70	0.061

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.022	0.012	0.205	0.250	7.7	200E00
10.0	0.022	0.022	0.220	0.300		270E01
20.0	0.023	0.017	0.210	0.255		
30.0	0.023	0.012	0.215	0.295		
61.0	0.024	0.011	0.205	0.295		800E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.002	0.003	0.002	0.003
10.0							
20.0							
30.0	0.000	0.001	0.000	0.003	0.005	0.002	0.000
61.0	0.000	0.002	0.000	0.004	0.005	0.002	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.195	0.000	0.005
10.0					
20.0					
30.0	0.001		0.195	0.000	0.004
61.0	0.001	0.002	0.195	0.000	0.003

C-REF-NO 007
CONS. NO 046
COUNTRY 18
INSTITUTE 22

LAT 43-24-24N
LON 078-12-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0748

NO. DEPTHS 05
SOUNDING 0450
BT SLIDE NO 059

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			5.88	0.01	0.1	338	13.57	0.047
10.0			5.79	0.05	0.3	337	13.55	0.131
20.0			5.40	0.00	0.2	336	13.60	0.080
30.0			5.30	0.00	0.2	339	13.48	0.075
43.0			5.11	0.00	0.2	337	13.52	0.074

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.015	0.011	0.175	0.200	10.7	130E01
10.0	0.014	0.033	0.200	0.320		100E02
20.0	0.016	0.012	0.195	0.190		
30.0	0.015	0.014	0.195	0.200		
43.0	0.016	0.018	0.215	0.240		320E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.002	0.002	0.002	0.000
10.0							
20.0							
30.0	0.000	0.001	0.000	0.003	0.002	0.001	0.000
43.0	0.000	0.001	0.000	0.006	0.003	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.190	0.000	0.005
10.0					
20.0					
30.0	0.001	0.002	0.190	0.000	0.003
43.0	0.001	0.002	0.190	0.000	0.003

C-REF-NO 007
CONS. NO 047
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 078-12-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0820

NO. DEPTHS 01
SOUNDING 0860
BT SLIDE NO 060

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			3.40					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					15.8	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 048
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 078-12-00W

YEAR 1969
MONTH 05
DAY 15
TIME 0955

NO. DEPTHS 06
SOUNDING 1780
BT SLIDE NO 061

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	10.0	8	2.64	0.00	0.0	342	13.58	0.070
10.0			2.67	0.03	0.0	344	13.60	0.058
20.0			2.69	0.01	0.0	343	13.58	0.070
30.0			2.68	0.01	0.0	341	13.60	0.103
100.0								0.063
175.0			2.69	0.01	1.5	341	13.60	0.074

DEPTH	SR PD4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.037	0.012	0.250	0.425	13.1	101E00
10.0	0.038	0.023	0.255	0.465		
20.0	0.039	0.040	0.285	0.415		
30.0	0.036	0.009	0.230	0.400		
100.0	0.037	0.006	0.232	0.425		
175.0	0.038	0.009	0.230	0.420		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.005	0.005	0.003	0.002	0.000
10.0							
20.0							
30.0	0.000	0.000	0.000	0.005	0.002	0.002	0.000
100.0	0.000	0.000	0.000	0.004	0.004	0.001	0.000
175.0	0.000	0.000	0.000	0.006	0.015	0.001	0.006

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.190	0.000	0.000
10.0					
20.0					
30.0	0.001	0.002	0.190	0.000	0.000
100.0	0.001	0.003	0.190	0.000	0.000
175.0	0.001	0.002	0.190	0.000	0.000

C-REF-NO 007
CONS. NO 049
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 078-12-00W

YEAR 1969
MONTH 05
DAY 15
TIME 1215

NO. DEPTHS 05
SOUNDING 0480
BT SLIDE NO 062

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	4.0	10	4.74	0.01	0.1	345	14.17	0.053
10.0			4.68	0.03	0.2	337	14.09	0.071
20.0			4.38	0.14	0.1	338	13.98	0.085
30.0			3.95	0.01	0.2	337	13.98	0.072
46.0			3.91	0.01	0.3	337	13.83	0.026

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.006	0.030	0.175	0.140	9.0	101E00
10.0	0.005	0.006	0.155	0.110		
20.0	0.005	0.005	0.160	0.120		
30.0	0.015	0.007	0.185	0.180		
46.0	0.017	0.005	0.185	0.200		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
46.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
46.0					

C-REF-NO 007
CONS. NO 050
COUNTRY 18
INSTITUTE 22

LAT 43-56-00N
LON 078-12-00W

YEAR 1969
MONTH 05
DAY 15
TIME 1309

NO. DEPTHS 03
SOUNDING 0190
BT SLIDE NO 063

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	4.0	9	5.47	0.01	0.3	349	14.21	0.052
10.0			5.42	0.04	0.3	339	14.13	0.072
17.0			4.80	0.01	0.2	337	13.83	0.055

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.007	0.015	0.164	0.075	9.4	160E01
10.0	0.005	0.013	0.175	0.050		500E00
17.0	0.002	0.100	0.182	0.090		300E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.003	0.001	0.000
10.0							
17.0	0.000	0.000	0.000	0.003	0.002	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.200	0.000	0.004
10.0					
17.0	0.001	0.002	0.195	0.000	0.004

C-REF-NO 007
CONS. NO 051
COUNTRY 18
INSTITUTE 22

LAT 43-58-00N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 1447

NO. DEPTHS 02
SOUNDING 0120
BT SLIDE NO 065

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	3.5	9	5.24	0.01	0.1	342	14.03	0.064
10.0			4.96	0.03	0.2	336	13.95	0.079

DEPTH	SR PO4	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0	0.010	0.015	0.175	0.120	4.4	101E00
10.0	0.007	0.012	0.182	0.150		300E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.002	0.006	0.001	0.000
10.0	0.000	0.000	0.000	0.003	0.002	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.195	0.000	0.004
10.0	0.001	0.002	0.195	0.000	0.005

C-REF-NO 007
CONS. NO 052
COUNTRY 18
INSTITUTE 22

LAT 43-56-00N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 1512

NO. DEPTHS 01
SOUNDING 0370
BT SLIDE NO 067

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	3.5	8	5.70					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
0.0					4.1	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 053
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 1610

NO. DEPTHS 05
SOUNDING 0560
BT SLIDE NO 068

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	4.0	7	5.40	0.01	0.2	344	14.24	0.083
10.0			5.25	0.04	0.2	337	14.27	0.087
20.0			5.08	0.01	0.2	335	14.11	0.064
30.0			4.68	0.01	0.2	347	13.88	0.056
54.0			4.18	0.02	0.3	337	13.81	0.063

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.013	0.028	0.170	0.115	9.4	160E01
10.0	0.010	0.024	0.170	0.165		
20.0	0.010	0.020	0.164	0.100		
30.0	0.012	0.034	0.182	0.140		
54.0	0.019	0.026	0.200	0.220		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
54.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
54.0					

C-REF-NO 007
CONS. NO 055

COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 1754

NO. DEPTHS 01
SOUNDING 1370
BT SLIDE NO 070

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	6.0	8	3.00					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					9.7	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 056
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 1859

NO. DEPTHS 05
SOUNDING 1650
BT SLIDE NO 071

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	9.0	6	2.85	0.01	0.0	341	13.52	0.080
10.0			2.83	0.04	0.0	342	13.52	0.066
20.0			2.85	0.01	0.0	342	13.52	0.084
30.0			2.81	0.00	0.0	342	13.52	0.070
162.0			2.72	0.01	0.2	341	13.43	0.150

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.037	0.015	0.240	0.410	9.7	260E01
10.0	0.044	0.020	0.255	0.500		
20.0	0.040	0.013	0.240	0.420		
30.0	0.038	0.010	0.240	0.440		
162.0	0.042	0.014	0.240	0.460		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.004	0.002	0.001	0.000
10.0							
20.0							
30.0	0.000	0.002	0.000	0.003	0.005	0.001	0.000
162.0	0.000	0.000	0.000	0.006	0.006	0.002	0.009

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.195	0.001	0.009
10.0					
20.0					
30.0	0.001	0.001	0.195	0.000	0.007
162.0	0.001	0.003	0.175	0.000	0.005

C-REF-NO 007
CONS. NO 057
COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 2005

NO. DEPTHS 01
SOUNDING 1810
BT SLIDE NO 072

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	11.0	8	3.40					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					9.7	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 058
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 2041

NO. DEPTHS 01
SOUNDING 1700
BT SLIDE NO 073

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	8.0	8	3.00					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					1.1	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 059

COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 2149

NO. DEPTHS 05
SOUNDING 1160
BT SLIDE NO 074

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	8.0	8	3.03	0.00	0.1	340	13.55	0.070
10.0			3.01	0.03	0.1	340	13.60	0.087
19.0			3.03		0.1	340	13.87	0.075
29.0			3.03	0.00	0.1	340	13.42	0.074
110.0			3.00	0.01	0.1	340	13.45	0.095

DEPTH	SR P04	NH3	TFN03	R SI02	CHLORA	MF COL
1.0	0.038	0.068	0.250	0.450	1.5	101E00
10.0	0.040	0.016	0.245	0.500		
19.0	0.037	0.016	0.240	0.425		
29.0	0.036	0.036	0.225	0.445		
110.0	0.037	0.015	0.235	0.490		101E00

DEPTH	CO F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
19.0							
29.0							
110.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
19.0					
29.0					
110.0					

C-REF-NO 007
CONS. NO 060
COUNTRY 18
INSTITUTE 22

LAT 43-22-00N
LON 077-54-00W

YEAR 1969
MONTH 05
DAY 15
TIME 2247

NO. DEPTHS 03
SOUNDING 0130
BT SLIDE NO 075

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.0	11	9.28	0.01	0.6	336	14.13	0.093
5.0			9.11		0.7	330	14.01	0.110
10.0			8.07		0.7	332	13.37	0.123

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.008	0.017	0.110	0.000	18.3	101E00
5.0	0.006	0.017	0.110	0.145		
10.0	0.005	0.020	0.110	0.000		390E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.004	0.001	0.001
5.0							
10.0	0.000	0.001	0.000	0.003	0.003	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.175	0.000	0.006
5.0					
10.0	0.001	0.002	0.175	0.000	0.005

C-REF-NO 007
CONS. NO 061
COUNTRY 18
INSTITUTE 22

LAT 43-17-18N
LON 077-36-00W

YEAR 1969
MONTH 05
DAY 16
TIME 0116

NO. DEPTHS 03
SOUNDING 0200
BT SLIDE NO 077

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0			8.49	0.01	0.9	315	15.59	0.075
10.0			7.78	0.02	0.6	318	15.10	0.117
18.0			6.34	0.01	0.5	323	13.71	0.070

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.010	0.017	0.120	0.110	11.3	120E01
10.0	0.006	0.023	0.125	0.125		170E01
18.0	0.002	0.011	0.145	0.120		700E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.003	0.000	0.004	0.004	0.002	0.000
10.0							
18.0	0.000	0.000	0.000	0.003	0.002	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.004	0.175	0.000	0.003
10.0					
18.0	0.001	0.002	0.175	0.000	0.003

C-REF-NO 007
CONS. NO 062
COUNTRY 18
INSTITUTE 22

LAT 43-16-30N
LON 077-27-30W

YEAR 1969
MONTH 05
DAY 16
TIME 0221

NO. DEPTHS 03
SOUNDING 0220
BT SLIDE NO 079

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			7.30	0.00	0.2	328	14.21	0.100
10.0			6.50	0.03	0.4	328	13.48	0.097
20.0			6.21	0.01	0.4	328	13.26	0.091

DEPTH	SR P04	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0	0.005	0.027	0.130	0.145	17.3	101E00
10.0	0.010	0.027	0.140	0.145		700E00
20.0	0.008	0.043	0.145	0.145		200E01

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.006	0.001	0.000
10.0							
20.0	0.000	0.001	0.000	0.005	0.004	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.180	0.000	0.006
10.0					
20.0	0.001	0.002	0.175	0.000	0.006

C-REF-NO 007
CONS. NO 063
COUNTRY 18
INSTITUTE 22

LAT 43-20-48N
LON 077-30-12W

YEAR 1969
MONTH 05
DAY 16
TIME 0313

NO. DEPTHS 05
SOUNDING 0990
BT SLIDE NO 081

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			3.03	0.00	0.1	353	13.68	0.083
10.0			3.04	0.03	0.1	342	13.78	0.082
20.0			3.04	0.01	0.1	339	13.65	0.066
30.0			3.05	0.01	0.1	344	13.65	0.066
97.0			3.29	0.01	0.1	342	13.58	0.062

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.035	0.022	0.270	0.420	3.2	101E00
10.0	0.036	0.016	0.240	0.405		
20.0	0.036	0.017	0.260	0.420		
30.0	0.036	0.016	0.260	0.410		
97.0	0.033	0.017	0.235	0.380		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.001	0.001	0.000
10.0							
20.0							
30.0	0.000	0.000	0.000	0.002	0.001	0.001	0.000
97.0	0.000	0.000	0.000	0.002	0.006	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.185	0.000	0.006
10.0					
20.0					
30.0	0.001	0.002	0.190	0.000	0.006
97.0	0.001	0.002	0.190	0.000	0.005

C-REF-NO 007
CONS. NO 064
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-36-00W

YEAR 1969
MONTH 05
DAY 16
TIME 0428

NO. DEPTHS 01
SOUNDING 1620
BT SLIDE NO 082

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			3.00					

DEPTH	SR P04	NH3	TFN03	R SI02	CHLORA	MF COL
0.0					3.2	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 065

COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-36-00W

YEAR 1969
MONTH 05
DAY 16
TIME 0615

NO. DEPTHS 05
SOUNDING 1270
BT SLIDE NO 083

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0			2.86	0.01	0.1	342	13.68	0.222
10.0			2.86	0.03	0.1	342	13.75	0.065
20.0			2.87	0.01	0.1	340	13.75	0.072
30.0			2.88	0.00	0.1	339	13.75	0.068
125.0			2.98	0.02	0.1	340	13.74	0.073

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.031	0.020	0.230	0.325	4.5	101E00
10.0	0.034	0.029	0.242	0.390		
20.0	0.033	0.033	0.232	0.315		
30.0	0.032	0.012	0.220	0.340		
125.0	0.030	0.013	0.225	0.342		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.001	0.001	0.000
10.0							
20.0							
30.0	0.000	0.000	0.000	0.003	0.001	0.001	0.000
125.0	0.000	0.000	0.000	0.004	0.001	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.190	0.000	0.004
10.0					
20.0					
30.0	0.001	0.002	0.180	0.000	0.003
125.0	0.001	0.002	0.195	0.000	0.003

C-REF-NO 007
CONS. NO 066
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-36-00W

YEAR 1969
MONTH 05
DAY 16
TIME 0823

NO. DEPTHS 01
SOUNDING 0450
BT SLIDE NO 084

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			5.60					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
0.0					9.4	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 067
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 077-36-00W

YEAR 1969
MONTH 05
DAY 16
TIME 0908

NO. DEPTHS 04
SOUNDING 0280
BT SLIDE NO 085

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PD4
1.0			7.12	0.00	0.1	337	14.06	0.070
10.0			6.19	0.04	0.1	336	14.29	
20.0			5.21	0.02	0.1	336	13.63	0.051
26.0			4.90	0.01	0.1	336	13.54	0.053

DEPTH	SR PD4	NH3	TFND3	R SID2	CHLORA	MF CDL
1.0	0.004	0.018	0.102	0.050	14.6	101E00
10.0	0.011	0.017	0.098	0.140		100E00
20.0	0.004	0.020	0.138	0.070		
26.0	0.004	0.021	0.140	0.100		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.003	0.001	0.002	0.000
10.0							
20.0							
26.0	0.000	0.003	0.000	0.004	0.002	0.002	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.175	0.000	0.003
10.0					
20.0					
26.0	0.001	0.002	0.195	0.000	0.004

C-REF-NO 007
CONS. NO 068
COUNTRY 18
INSTITUTE 22

LAT 43-52-54N
LON 077-32-00W

YEAR 1969
MONTH 05
DAY 16
TIME 1002

NO. DEPTHS 01
SOUNDING 0470
BT SLIDE NO 087

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0			6.90					

DEPTH	SR PO4	NH3	TFNO3	R SI02	CHLORA	MF COL
0.0					11.2	

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 069
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-18-00W

YEAR 1969
MONTH 05
DAY 16
TIME 1131

NO. DEPTHS 04
SOUNDING 0300
BT SLIDE NO 088

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	4.0	10	7.14	0.02	0.4	338	13.39	0.040
10.0			6.62	0.03	0.3	335	13.29	0.055
20.0			6.14	0.01	0.2	336	13.06	0.050
28.0			5.68	0.00	0.3	339	13.74	0.055

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.000	0.020	0.098	0.000	11.2	101E00
10.0	0.000	0.021	0.105	0.150		101E00
20.0	0.000	0.024	0.107	0.000		
28.0	0.002	0.026	0.140	0.075		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.002	0.001	0.002	0.000
10.0							
20.0							
28.0	0.000	0.000	0.000	0.004	0.001	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.006
10.0					
20.0					
28.0	0.001	0.002	0.195	0.000	0.005

C-REF-NO 007
 CONS. NO 070
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LGN 077-18-00W

YEAR 1969
 MONTH 05
 DAY 16
 TIME 1307

NO. DEPTHS 05
 SOUNDING 1020
 BT SLIDE NO 090

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	7.0	9	3.53	0.02	0.2	347	13.94	0.026
10.0			3.39	0.04	0.2	341	13.94	0.070
20.0			3.36	0.00	0.1	338	13.94	0.049
30.0			3.36	0.00	0.2	340	13.94	0.036
98.0			3.36	0.00	0.2	338	13.86	0.053

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.026	0.023	0.245	0.290	2.8	101E00
10.0	0.027	0.017	0.215	0.270		
20.0	0.029	0.020	0.225	0.285		
30.0	0.028	0.017	0.225	0.285		
98.0	0.029	0.019	0.225	0.285		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.002	0.001	0.001	0.000
10.0							
20.0							
30.0	0.000	0.000	0.000	0.003	0.001	0.002	0.000
98.0	0.000	0.000	0.000	0.003	0.001	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.002	0.200	0.000	0.006
10.0					
20.0					
30.0	0.001	0.002	0.200	0.000	0.006
98.0	0.001	0.003	0.195	0.000	0.009

C-REF-NO 007
CONS. NO 071
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-18-00W

YEAR 1969
MONTH 05
DAY 16
TIME 1529

NO. DEPTHS 01
SOUNDING 2100
BT SLIDE NO 091

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T PO4
0.0	10.0	8	2.90					

DEPTH	SR PO4	NH3	TFNO3	R SID2	CHLORA	MF COL
0.0					1.1	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 072
COUNTRY 18
INSTITUTE 22

LAT 43-18-42N
LON 077-18-00W

YEAR 1969
MONTH 05
DAY 16
TIME 1646

NO. DEPTHS 05
SOUNDING 0440
BT SLIDE NO 092

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	3.0	11	7.92	0.01	0.7	331	14.80	0.063
10.0			6.54	0.04	0.6	324	14.05	0.023
20.0			5.59	0.00	0.3	324	13.42	0.049
30.0			5.28	0.01	0.4	325	13.53	0.065
42.0			4.88	0.00	0.3	326	13.58	0.061

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.004	0.025	0.150	0.150	10.9	101E00
10.0	0.010	0.046	0.182	0.300		101E00
20.0	0.010	0.045	0.194	0.225		
30.0	0.005	0.029	0.162	0.230		
42.0	0.010	0.025	0.182	0.290		101E00

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.002	0.001	0.001
10.0							
20.0							
30.0	0.000	0.000	0.000	0.004	0.005	0.001	0.000
42.0	0.000	0.000	0.000	0.003	0.004	0.002	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.190	0.000	0.005
10.0					
20.0					
30.0	0.001	0.003	0.190	0.000	0.009
42.0	0.001	0.003	0.190	0.000	0.007

C-REF-NO 007
CONS. NO 073
COUNTRY 18
INSTITUTE 22

LAT 43-17-12N
LON 077-00-00W

YEAR 1969
MONTH 05
DAY 16
TIME 1908

NO. DEPTHS 04
SOUNDING 0210
BT SLIDE NO 093

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	2.0	11	9.17	0.01	0.4	360	14.93	0.066
5.0			7.68	0.02	0.5	349	14.90	0.110
10.0			6.54	0.03	0.7	344	14.00	0.075
20.0			5.70	0.00	0.4	345	13.26	0.095

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.020	0.021	0.162	0.050	19.2	101E00
5.0	0.025	0.028	0.162	0.110		
10.0	0.024	0.025	0.172	0.020		300E01
20.0	0.022	0.046	0.195	0.150		160E02

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.000	0.002	0.002	0.001
5.0							
10.0							
20.0	0.000	0.000	0.000	0.001	0.002	0.002	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.003	0.205	0.000	0.028
5.0					
10.0					
20.0	0.001	0.002	0.200	0.000	0.018

C-REF-NO 007
CONS. NO 074
COUNTRY 18
INSTITUTE 22

LAT 43-21-42N
LON 077-00-00W

YEAR 1969
MONTH 05
DAY 16
TIME 2008

NO. DEPTHS 05
SOUNDING 0800
BT SLIDE NO 095

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PD4
1.0	5.0	8	3.54	0.00	0.1	341	13.63	0.025
10.0			3.48	0.03	0.1	341	13.65	0.037
20.0			3.50	0.01	0.1	341	13.65	0.056
30.0			3.51	0.00	0.1	341	13.65	0.043
78.0			3.49	0.01	0.1	341	13.63	0.053

DEPTH	SR PD4	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0	0.030	0.028	0.250	0.410	2.8	101E00
10.0	0.031	0.029	0.225	0.425		
20.0	0.032	0.026	0.250	0.395		
30.0	0.032	0.026	0.250	0.415		
78.0	0.034	0.028	0.227	0.555		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
20.0							
30.0							
78.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
20.0					
30.0					
78.0					

C-REF-NO 007
CONS. NO 075
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 077-26-00W

YEAR 1969
MONTH 05
DAY 16
TIME 2058

NO. DEPTHS 01
SOUNDING 1920
BT SLIDE NO 096

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0	9.0	7	2.90					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					1.5	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 076
COUNTRY 18
INSTITUTE 22

LAT 43-30-18N
LON 077-00-00W

YEAR 1969
MONTH 05
DAY 16
TIME 2159

NO. DEPTHS 05
SOUNDING 2100
BT SLIDE NO 097

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	9.0	8	2.74	0.01	0.0	341	13.40	0.050
10.0			2.73	0.03	0.0	340	13.39	0.067
20.0			2.74	0.01	0.0	341	13.42	0.080
30.0			2.75	0.00	0.0	341	13.43	0.050
207.0			2.72	0.01	0.0	340	13.31	0.065

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.039	0.012	0.250	0.425	1.8	101E00
10.0	0.041	0.019	0.242	0.475		
20.0	0.044	0.014	0.257	0.470		
30.0	0.043	0.021	0.262	0.485		
207.0	0.042	0.008	0.232	0.475		

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.000	0.001	0.001	0.001
10.0							
20.0							
30.0	0.000	0.000	0.000	0.001	0.001	0.001	0.001
207.0	0.000	0.001	0.000	0.010	0.001	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.002	0.195	0.000	0.044
10.0					
20.0					
30.0	0.002	0.002	0.200	0.000	0.030
207.0	0.002	0.002	0.200	0.000	0.046

C-REF-NO 007
CONS. NO 077

COUNTRY 18
INSTITUTE 22

LAT 43-34-42N
LON 077-00-00W

YEAR 1969
MONTH 05
DAY 16
TIME 2303

NO. DEPTHS 01
SOUNDING 1890
BT SLIDE NO 098

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T PO4
0.0	9.0	8	2.90					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					2.8	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 078
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 077-00-00W

YEAR 1969
MONTH 05
DAY 16
TIME 2355

NO. DEPTHS 05
SOUNDING 1450
BT SLIDE NO 099

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	7.0	8	3.17	0.00	0.1	344	13.78	0.049
10.0			3.14	0.01	0.2	343	13.86	0.050
20.0			3.14	0.00	0.3	341	13.81	0.048
30.0			3.16	0.00	0.2	341	13.83	0.054
143.0			3.28	0.00	0.3	344	13.74	0.052

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.031	0.025	0.240	0.330	4.0	110E03
10.0	0.032	0.018	0.250	0.445		
20.0	0.030	0.026	0.250	0.335		
30.0	0.029	0.020	0.230	0.320		
143.0	0.029	0.022	0.225	0.320		200E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.001	0.003	0.001	0.000
10.0							
20.0							
30.0	0.000	0.001	0.000	0.001	0.003	0.001	0.000
143.0	0.000	0.000	0.000	0.002	0.003	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.003	0.195	0.000	0.018
10.0					
20.0					
30.0	0.001	0.003	0.195	0.000	0.018
143.0	0.001	0.003	0.200	0.000	0.007

C-REF-NO 007
CONS. NO 079

COUNTRY 18
INSTITUTE 22

LAT 43-43-18N
LON 077-00-00W

YEAR 1969
MONTH 05
DAY 17
TIME 0054

NO. DEPTHS 01
SOUNDING 0920
BT SLIDE NO 100

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0			3.30					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					4.0	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
 CONS. NO 080
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-42N
 LON 077-00-00W

YEAR 1969
 MONTH 05
 DAY 17
 TIME 0144

NO. DEPTHS 06
 SOUNDING 0650
 BT SLIDE NO 101

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			7.17	0.01	0.1	334	14.82	0.095
10.0			5.57	0.01	0.2	329	14.38	0.054
20.0			4.45	0.00	0.3	334	13.65	0.041
30.0			4.22	0.00	0.4	336	13.65	0.095
57.0								0.023
63.0			3.81	0.01	0.7	338	13.54	

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.006	0.023	0.150	0.120	20.7	100E00
10.0	0.010	0.017	0.144	0.100		
20.0	0.010	0.026	0.157	0.115		
30.0	0.000	0.017	0.138	0.170		
57.0	0.020	0.023	0.188	0.050		
63.0						101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.002	0.002	0.003	0.001
10.0							
20.0							
30.0	0.000	0.000	0.000	0.001	0.002	0.001	0.001
57.0	0.000	0.000	0.000	0.002	0.002	0.002	0.000
63.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.005	0.195	0.000	0.008
10.0					
20.0					
30.0	0.000	0.003	0.195	0.000	0.009
57.0	0.001	0.002	0.195	0.000	0.003
63.0					

C-REF-NO 007
CONS. NO 081
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
 LON 077-00-00W

YEAR 1969
 MONTH 05
 DAY 17
 TIME 0246

NO. DEPTHS 03
 SOUNDING 0220
 BT SLIDE NO 102

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			6.34	0.00	0.1	347	14.13	0.028
10.0			5.73	0.01	0.2	338	14.34	0.075
20.0			4.13	0.01	0.1	338	13.88	0.074

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.005	0.017	0.140	0.030	9.4	101E00
10.0	0.004	0.019	0.145	0.030		101E00
20.0	0.000	0.011	0.142	0.030		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.005	0.001	0.000
10.0							
20.0	0.000	0.000	0.000	0.001	0.004	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.002	0.195	0.000	0.006
10.0					
20.0	0.002	0.002	0.195	0.000	0.009

C-REF-NO 007
CONS. NO 082
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-42-00W

YEAR 1969
MONTH 05
DAY 17
TIME 0443

NO. DEPTHS 06
SOUNDING 0440
BT SLIDE NO 104

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			7.10	0.00	0.1	351	14.62	0.115
5.0			7.17		0.3	344	14.54	0.029
10.0			6.64	0.01	0.3	341	14.60	0.039
20.0			5.77	0.01	0.3	339	14.04	
30.0			4.70	0.01	0.1	339	13.76	0.045
42.0			4.54	0.00	0.3	344	13.73	0.050

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.014	0.018	0.138	0.105	18.3	610E01
5.0	0.012	0.240	0.155	0.250		
10.0	0.010	0.012	0.152	0.200		
20.0						
30.0	0.000	0.014	0.150	0.090		
42.0	0.012	0.013	0.182	0.185		101E00

DEPTH	CD F	CR F	CD F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.008	0.003	0.001	0.000
5.0							
10.0							
20.0							
30.0	0.000	0.000	0.000	0.013	0.001	0.001	0.000
42.0	0.000	0.001	0.000	0.006	0.001	0.001	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.003	0.200	0.000	0.020
5.0					
10.0					
20.0					
30.0	0.001	0.003	0.190	0.000	0.007
42.0	0.001	0.003	0.190	0.000	0.006

C-REF-NO 007
CONS. NO 083
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-42-00W

YEAR 1969
MONTH 05
DAY 17
TIME 0656

NO. DEPTHS 07
SOUNDING 1530
BT SLIDE NO 105

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			2.75	0.00	0.0	341	13.37	0.084
10.0			2.74	0.00	0.0	342	13.42	0.050
20.0			2.73	0.00	0.0	341	13.42	0.040
30.0			2.73	0.00	0.0	341	13.40	0.056
100.0			2.76	0.01				0.066
140.0						342		0.078
150.0			2.96	0.00	0.1	342	13.75	

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.032	0.021	0.225	0.490	2.3	101E00
10.0	0.037	0.012	0.220	0.510		
20.0	0.036	0.000	0.218	0.440		
30.0	0.035	0.000	0.225	0.465		
100.0	0.034	0.000	0.222	0.425		
140.0	0.033	0.005	0.215	0.380		
150.0						101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.009	0.005	0.000	0.001
10.0							
20.0							
30.0	0.000	0.001	0.000	0.014	0.004	0.001	0.001
100.0	0.000	0.000	0.000	0.004	0.002	0.000	0.000
140.0	0.000	0.000	0.000	0.003	0.009	0.000	0.001
150.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.001	0.004	0.190	0.000	0.014
10.0					
20.0					
30.0	0.001	0.003	0.190	0.000	0.007
100.0	0.002	0.002	0.190	0.000	0.003
140.0	0.001	0.004	0.190	0.000	0.001
150.0					

C-REF-NO 007
CONS. NO 084
COUNTRY 18
INSTITUTE 22

LAT 43-26-00N
LON 076-42-00W

YEAR 1969
MONTH 05
DAY 17
TIME 0946

NO. DEPTHS 05
SOUNDING 0670
BT SLIDE NO 106

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	6.0	10	4.27	0.01	0.1	341	13.74	0.086
10.0			3.94	0.01	0.1	340	13.69	0.086
20.0			3.84	0.00	0.1	342	13.68	0.078
30.0			3.83	0.00	0.1	342	13.69	0.084
65.0			3.84	0.01	0.9	341	13.63	0.075

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.027	0.015	0.200	0.335	5.1	
10.0	0.029	0.014	0.210	0.420		
20.0	0.028	0.012	0.215	0.375		
30.0	0.028	0.005	0.205	0.355		
65.0	0.027	0.011	0.200	0.355		

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.011	0.003	0.000	0.001
10.0							
20.0							
30.0	0.000	0.001	0.000	0.006	0.004	0.000	0.001
65.0	0.000	0.000	0.000	0.019	0.003	0.001	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.002	0.190	0.000	0.015
10.0					
20.0					
30.0	0.002	0.002	0.195	0.000	0.016
65.0	0.002	0.003	0.190	0.000	0.004

C-REF-NO 007
CONS. NO 085
COUNTRY 18
INSTITUTE 22

LAT 43-23-00N
LON 076-42-00W

YEAR 1969
MONTH 05
DAY 17
TIME 1038

NO. DEPTHS 02
SOUNDING 0180
BT SLIDE NO 107

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	2.5	10	6.81	0.02	0.2	342	13.68	
15.0			5.13	0.01	0.3	343	14.29	

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0					15.2	101E00
15.0						200E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
15.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
15.0					

C-REF-NO 007
CONS. NO 086
COUNTRY 18
INSTITUTE 22

LAT 43-28-36N
LON 076-32-06W

YEAR 1969
MONTH 05
DAY 17
TIME 1149

NO. DEPTHS 03
SOUNDING 0180
BT SLIDE NO 109

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	2.5	10	6.69	0.00	0.2	346	13.95	0.080
10.0			6.70	0.01	0.3	341	14.15	0.078
16.0			6.33	0.00	0.2	339	13.95	0.062

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.005	0.013	0.165	0.110	10.3	101E00
10.0	0.004	0.013	0.166	0.120		800E01
16.0	0.008	0.012	0.165	0.175		520E02

DEPTH	CD F	GR F	CO F	CU F	FE F	PB F	MN F
1.0							
10.0							
16.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
10.0					
16.0					

C-REF-NO 007
CONS. NO 087
COUNTRY 18
INSTITUTE 22

LAT 43-34-00N
LON 076-24-00W

YEAR 1969
MONTH 05
DAY 17
TIME 1256

NO. DEPTHS 05
SOUNDING 0580
BT SLIDE NO 110

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T PO4
1.0	3.5	10	5.61	0.00	0.2	352	14.04	0.100
10.0			5.39	0.02	0.3	348	14.00	0.089
20.0			4.45	0.00	0.2	343	13.68	0.086
30.0			4.43	0.01	0.2	341	13.66	0.120
56.0			4.34	0.00	0.2	345	13.57	0.080

DEPTH	SR PO4	NH3	TFNO3	R SID2	CHLORA	MF COL
1.0	0.017	0.016	0.193	0.250	8.8	101E00
10.0	0.021	0.014	0.190	0.280		600E00
20.0	0.023	0.016	0.198	0.295		
30.0	0.024	0.014	0.195	0.280		
56.0	0.026	0.015	0.205	0.340		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.013	0.006	0.000	0.001
10.0							
20.0							
30.0	0.000	0.001	0.000	0.004	0.002	0.001	0.000
56.0	0.000	0.001	0.000	0.003	0.030	0.001	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.003	0.002	0.200	0.000	0.009
10.0					
20.0					
30.0	0.002	0.003	0.195	0.000	0.003
56.0	0.003	0.002	0.195	0.000	0.009

C-REF-NO 007
CONS. NO 088
COUNTRY 18
INSTITUTE 22

LAT 43-39-00N
LON 076-24-00W

YEAR 1969
MONTH 05
DAY 17
TIME 1347

NO. DEPTHS 01
SOUNDING 1000
BT SLIDE NO 111

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	8.0	8	3.50					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					2.0	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 089
COUNTRY 18
INSTITUTE 22

LAT 43-43-12N
LON 076-24-00W

YEAR 1969
MONTH 05
DAY 17
TIME 1432

NO. DEPTHS 06
SOUNDING 0560
BT SLIDE NO 112

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	6.5	7	3.88	0.00	0.1	343	13.71	0.078
10.0			3.88	0.00	0.1	338	13.71	0.095
20.0			3.84	0.01	0.2	339	13.68	0.085
30.0			3.87	0.01	0.2	349	13.68	0.082
48.0								0.090
54.0			3.79	0.00	0.3	341	13.42	

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.029	0.005	0.198	0.355	3.5	101E00
10.0	0.030	0.014	0.212	0.385		
20.0	0.030	0.015	0.210	0.360		
30.0	0.032	0.003	0.207	0.380		
48.0	0.034	0.012	0.207	0.400		
54.0						101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.011	0.012	0.000	0.000
10.0							
20.0							
30.0	0.000	0.000	0.000	0.005	0.003	0.000	0.000
48.0	0.000	0.001	0.000	0.006	0.015	0.000	0.001
54.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.003	0.003	0.195	0.000	0.009
10.0					
20.0					
30.0	0.001	0.003	0.190	0.000	0.003
48.0	0.002	0.003	0.190	0.000	0.009
54.0					

C-REF-NO 007
CONS. NO 090
COUNTRY 18
INSTITUTE 22

LAT 43-47-42N
LON 076-24-00W

YEAR 1969
MONTH 05
DAY 17
TIME 1541

NO. DEPTHS 01
SOUNDING 0460
BT SLIDE NO 113

DEPTH	SECCHI	FQREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	6.0	7	4.30					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
0.0					3.5	

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
0.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
0.0					

C-REF-NO 007
CONS. NO 091
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 076-24-00W

YEAR 1969
MONTH 05
DAY 17
TIME 1644

NO. DEPTHS 04
SOUNDING 0270
BT SLIDE NO 114

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PD4
1.0	2.5	11	7.09	0.00	0.4	343	14.96	0.100
10.0			6.17	0.01	0.3	333	14.45	0.086
20.0			5.05	0.02	0.4	336	14.07	0.067
24.0			4.89	0.00	0.5	330	13.81	0.074

DEPTH	SR PD4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.004	0.013	0.132	0.100	16.8	101E00
10.0	0.004	0.020	0.140	0.140		
20.0	0.004	0.013	0.148	0.050		
24.0	0.006	0.018	0.157	0.070		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.003	0.005	0.000	0.001
10.0							
20.0							
24.0	0.000	0.000	0.000	0.007	0.005	0.000	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.002	0.190	0.000	0.032
10.0					
20.0					
24.0	0.002	0.003	0.190	0.000	0.015

C-REF-NO 007
CONS. NO 092
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 076-12-00W

YEAR 1969
MONTH 05
DAY 17
TIME 1814

NO. DEPTHS 04
SOUNDING 0240
BT SLIDE NO 116

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.0	11	10.22	0.01	0.4	257	11.97	
5.0			10.26	0.01	0.5	242	11.97	
10.0			9.59	0.02	0.5	249	11.81	
22.0			7.43	0.00	0.3	278	11.89	

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0					15.2	
5.0						300E01
10.0						
22.0						300E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0							
5.0							
10.0							
22.0							

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0					
5.0					
10.0					
22.0					

C-REF-NO 007
CONS. NO 093
COUNTRY 18
INSTITUTE 22

LAT 44-00-42N
LON 076-30-00W

YEAR 1969
MONTH 05
DAY 17
TIME 2003

NO. DEPTHS 04
SOUNDING 0280
BT SLIDE NO 117

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	9	6.47	0.00	0.1	336	13.94	0.064
10.0			6.29	0.01	0.1	336	13.98	0.084
20.0			5.30	0.01	0.1	336	13.60	0.080
26.0			5.09	0.01	0.2	336	13.45	0.067

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA	MF COL
1.0	0.000	0.019	0.132	0.100	10.0	210E02
10.0	0.000	0.020	0.135	0.115		
20.0	0.000	0.031	0.155	0.010		
26.0	0.000	0.024	0.157	0.130		140E01

DEPTH	CD F	GR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.004	0.005	0.000	0.000
10.0							
20.0							
26.0	0.000	0.001	0.000	0.009	0.030	0.001	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.002	0.195	0.000	0.003
10.0					
20.0					
26.0	0.001	0.002	0.195	0.000	0.004

C-REF-NO 007
 CONS. NO 094
 COUNTRY 18
 INSTITUTE 22

LAT 44-09-18N
 LON 076-36-00W

YEAR 1969
 MONTH 05
 DAY 17
 TIME 2141

NO. DEPTHS 03
 SOUNDING 0200
 BT SLIDE NO 118

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	4.0	10	7.63	0.01	0.1	335	13.98	0.086
10.0			6.10	0.00	0.1	335	13.75	0.075
18.0			5.97	0.01	0.1	335	13.48	0.073

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.000	0.015	0.098	0.000	13.4	200E00
10.0	0.000	0.020	0.110	0.100		
18.0	0.000	0.040	0.125	0.000		101E00

DEPTH	CD F	CR F	CO F	CU F	FE F	PB F	MN F
1.0	0.000	0.001	0.000	0.006	0.004	0.001	0.000
10.0							
18.0	0.001	0.000	0.000	0.014	0.002	0.001	0.001

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.002	0.195	0.000	0.004
10.0					
18.0	0.004	0.003	0.195	0.000	0.014

C-REF-NO 007
CONS. NO 095
COUNTRY 18
INSTITUTE 22

LAT 44-00-36N
LON 076-48-00W

YEAR 1969
MONTH 05
DAY 17
TIME 2328

NO. DEPTHS 04
SOUNDING 0320
BT SLIDE NO 119

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	3.5	10	7.44	0.01	0.3	339	13.72	0.068
10.0			7.01	0.01	0.3	334	13.80	0.070
20.0			5.94	0.00	0.2	335	13.42	0.091
30.0			5.36	0.02	0.4	338	13.14	0.062

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA	MF COL
1.0	0.000	0.012	0.100	0.020	12.1	101E00
10.0	0.000	0.023	0.112	0.100		
20.0	0.000	0.027	0.130	0.020		
30.0	0.000	0.026	0.140	0.115		101E00

DEPTH	CD F	CR F	CU F	CU F	FE F	PB F	MN F
1.0	0.000	0.000	0.000	0.009	0.001	0.000	0.001
10.0							
20.0							
30.0	0.000	0.001	0.000	0.009	0.002	0.000	0.000

DEPTH	MO F	NI F	SR FS	V F	ZN F
1.0	0.002	0.002	0.195	0.000	0.010
10.0					
20.0					
30.0	0.002	0.003	0.195	0.000	0.010

CRUISE 69 - 011, June 9 - 14

C-REF-NO 011
 CONS. NO 001
 COUNTRY 18
 INSTITUTE 22

LAT 43-19-12N
 LON 079-42-00W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 1432

NO. DEPTHS 05
 SOUNDING 0380
 BT SLIDE NO 001

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	11	10.63	0.00	0.1	339	14.91	0.100
10.0			8.07	0.00	0.8	340	14.40	0.087
20.0			6.33	0.00	0.2	341	14.46	0.070
30.0			4.44	0.03	0.7	340	13.13	0.067
36.0			4.24	0.01	1.0	340	12.85	0.065

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.046	0.066	0.240	0.450	10.7
10.0	0.048	0.050	0.223	0.350	
20.0	0.014	0.039	0.180	0.155	
30.0	0.009	0.066	0.187	0.025	
36.0	0.003	0.061	0.120	0.020	

C-REF-NO 011
 CONS. NO 002
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-18N
 LON 079-39-06W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 1511

NO. DEPTHS 01
 SOUNDING 0380
 BT SLIDE NO 002

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	2.0	11	10.90					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					6.8

C-REF-NO 011
 CONS. NO 003
 COUNTRY 18
 INSTITUTE 22

LAT 43-14-12N
 LON 079-34-12W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 1609

NO. DEPTHS 04
 SOUNDING 0140
 BT SLIDE NO 003

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	11	11.63	0.01	0.3	337	15.16	0.087
5.0			8.31	0.01	0.9	332	15.18	0.080
10.0			7.36	0.01	0.2	336	14.92	0.077
12.0								0.077

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.004	0.034	0.020	0.030	7.2
5.0	0.004	0.032	0.057	0.000	
10.0	0.004	0.046	0.158	0.135	
12.0	0.004	0.041	0.125	0.020	

C-REF-NO 011
 CONS. NO 004
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-18N
 LON 079-33-42W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 1646

NO. DEPTHS 01
 SOUNDING 0620
 BT SLIDE NO 004

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	2.5	11	12.00					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					6.0

C-REF-NO 011
 CONS. NO 005
 COUNTRY 18
 INSTITUTE 22

LAT 43-22-00N
 LON 079-33-00W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 1739

NO. DEPTHS 05
 SOUNDING 0830
 BT SLIDE NO 005

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0	2.0	11	11.90	0.01	0.5	337	15.24	0.078
5.0			10.72	0.01	0.9	333	15.00	0.102
15.0			7.07	0.03	0.2	340	14.15	0.077
30.0			4.24	0.00	0.2	339	13.67	0.068
81.0			3.83	0.02	0.4	342	12.89	0.077

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.004	0.026	0.010	0.020	8.9
5.0	0.003	0.030	0.007	0.005	
15.0	0.003	0.053	0.112	0.000	
30.0	0.024	0.029	0.220	0.245	
81.0	0.039	0.035	0.232	0.545	

C-REF-NO 011
 CONS. NO 006
 COUNTRY 18
 INSTITUTE 22

LAT 43-25-54N
 LON 079-34-36W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 1823

NO. DEPTHS 01
 SOUNDING 0690
 BT SLIDE NO 006

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0	3.0	11	10.90					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					7.5

C-REF-NO 011
CONS. NO 007
COUNTRY 18
INSTITUTE 22

LAT 43-29-00N
LON 079-35-48W

YEAR 1969
MONTH 06
DAY 09
TIME 1904

NO. DEPTHS 04
SOUNDING 0250
BT SLIDE NO 007

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	3.0	10	8.65	0.00	0.4	348	14.63	0.068
10.0			7.38	0.00	0.5	344	14.19	0.086
20.0			5.15	0.01	0.5	342	13.63	0.110
23.0			5.16	0.00	0.5	340	13.15	0.108

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.004	0.060	0.150	0.050	5.2
10.0	0.008	0.016	0.155	0.040	
20.0	0.038	0.060	0.180	0.170	
23.0	0.040	0.045	0.180	0.170	

C-REF-NO 011
CONS. NO 008
COUNTRY 18
INSTITUTE 22

LAT 43-33-06N
LON 079-31-36W

YEAR 1969
MONTH 06
DAY 09
TIME 1950

NO. DEPTHS 01
SOUNDING 0260
BT SLIDE NO 008

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0	3.0	10	10.20					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
0.0					7.3

C-REF-NO 011
CONS. NO 009
COUNTRY 18
INSTITUTE 22

LAT 43-37-12N
LON 079-27-18W

YEAR 1969
MONTH 06
DAY 09
TIME 2048

NO. DEPTHS 05
SOUNDING 0190
BT SLIDE NO 009

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	3.5	11	7.45	0.02	0.4	342	13.27	0.110
4.0			7.30	0.00	0.4	342	13.43	0.113
8.0			6.34	0.01	0.3	344	13.33	0.123
13.0			4.52	0.02	0.4	341	12.88	0.098
17.0			4.44	0.01	1.3	342	12.77	0.104

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.008	0.047	0.150	0.040	6.5
4.0	0.008	0.048	0.150	0.030	
8.0	0.013	0.065	0.160	0.030	
13.0	0.009	0.055	0.180	0.080	
17.0	0.013	0.070	0.210	0.300	

C-REF-NO 011
 CONS. NO 010
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-24N
 LON 079-24-00W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 2140

NO. DEPTHS 05
 SOUNDING 0620
 BT SLIDE NO 010

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	10	9.81	0.00	1.0	344	14.25	0.100
10.0			8.01	0.01	0.5	332	13.63	0.104
20.0			5.80	0.02	0.3	338	13.63	0.095
30.0			4.28	0.00	0.2	340	13.44	0.072
60.0			3.94	0.01	0.6	341	12.93	0.078

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.004	0.020	0.130	0.030	7.9
10.0	0.005	0.025	0.140	0.010	
20.0	0.006	0.027	0.160	0.010	
30.0	0.004	0.055	0.170	0.075	
60.0	0.009	0.035	0.220	0.350	

C-REF-NO 011
 CONS. NO 011
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-18N
 LON 079-24-00W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 2245

NO. DEPTHS 05
 SOUNDING 0940
 BT SLIDE NO 011

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	11	10.02	0.00	0.3	331	15.11	0.067
10.0			8.72	0.00	0.4	333	15.08	0.086
15.0			5.99	0.03	0.3	338	13.79	0.064
25.0			4.11	0.00	0.4	338	13.46	0.074
92.0			3.82	0.01	0.2	339	13.71	0.077

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.001	0.010	0.050	0.030	11.7
10.0	0.001	0.013	0.050	0.010	
15.0	0.002	0.020	0.165	0.100	
25.0	0.008	0.020	0.220	0.300	
92.0	0.010	0.020	0.250	0.600	

C-REF-NO 011
 CONS. NO 012
 COUNTRY 18
 INSTITUTE 22

LAT 43-25-54N
 LON 079-24-00W

YEAR 1969
 MONTH 06
 DAY 09
 TIME 2331

NO. DEPTHS 01
 SOUNDING 1120
 BT SLIDE NO 012

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	3.0	9	10.10					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					9.8

C-REF-NO 011
 CONS. NO 013
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-24N
 LON 079-24-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0024

NO. DEPTHS 05
 SOUNDING 0990
 BT SLIDE NO 013

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	11	9.24	0.01	0.2	327	16.27	0.085
10.0			7.21	0.00	0.1	326	15.84	0.082
20.0			5.57	0.03	0.0	330	13.91	0.060
30.0			4.51	0.00	0.0	327	13.40	0.071
97.0			3.85	0.02	0.1	336	12.97	0.080

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.004	0.033	0.060	0.020	13.9
10.0	0.005	0.020	0.080	0.015	
20.0	0.007	0.040	0.170	0.140	
30.0	0.025	0.030	0.210	0.260	
97.0	0.040	0.027	0.280	0.500	

C-REF-NO 011
 CONS. NO 014
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-18N
 LON 079-24-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0115

NO. DEPTHS 01
 SOUNDING 0730
 BT SLIDE NO 014

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			10.70					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					15.1

C-REF-NO 011
 CONS. NO 015
 COUNTRY 18
 INSTITUTE 22

LAT 43-13-00N
 LON 079-24-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0205

NO. DEPTHS 04
 SOUNDING 0140
 BT SLIDE NO 015

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			12.46	0.01	0.3	338	14.21	0.085
5.0			12.69	0.00	0.4	339	14.16	0.070
10.0			8.06	0.02	0.2	340	13.35	0.072
12.0			6.75	0.02	0.1	340	12.77	0.063

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.005	0.027	0.080	0.040	16.6
5.0	0.004	0.020	0.070	0.040	
10.0	0.003	0.010	0.090	0.020	
12.0	0.004	0.038	0.140	0.040	

C-REF-NO 011
 CONS. NO 016
 COUNTRY 18
 INSTITUTE 22

LAT 43-15-06N
 LON 079-15-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0259

NO. DEPTHS 01
 SOUNDING 0090
 BT SLIDE NO 016

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			10.90					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					13.9

C-REF-NO 011
 CONS. NO 017
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-18N
 LON 079-15-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0324

NO. DEPTHS 01
 SOUNDING 0800
 BT SLIDE NO 017

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			11.90					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					13.9

C-REF-NO 011
 CONS. NO 018
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-24N
 LON 079-15-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0358

NO. DEPTHS 01
 SOUNDING 1060
 BT SLIDE NO 018

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			11.10					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					16.4

C-REF-NO 011
 CONS. NO 019
 COUNTRY 18
 INSTITUTE 22

LAT 43-25-54N
 LON 079-15-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0435

NO. DEPTHS 01
 SOUNDING 1240
 BT SLIDE NO 019

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			9.40					

DEPTH	SR PC4	NH3	TFNO3	R SIO2	CHLORA
0.0					16.9

C-REF-NO 011
 CONS. NO 020
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-18N
 LON 079-15-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0509

NO. DEPTHS 01
 SOUNDING 1240
 BT SLIDE NO 020

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			8.50					

DEPTH	SR PC4	NH3	TFNO3	R SIO2	CHLORA
0.0					16.7

C-REF-NO 011
 CONS. NO 021
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-54N
 LON 079-15-00W

YEAR 1969
 MCNTH 06
 DAY 10
 TIME 0551

NO. DEPTHS 01
 SOUNDING 1030
 BT SLIDE NO 021

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			8.40					

DEPTH	SR PC4	NH3	TFNO3	R SIO2	CHLORA
0.0					14.0

C-REF-NO 011
 CONS. NO 022
 COUNTRY 18
 INSTITUTE 22

LAT 43-36-24N
 LON 079-21-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0647

NO. DEPTHS 05
 SOUNDING 0490
 BT SLIDE NO 022

DEPTH	SECCMI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0			6.27	0.00	0.5	365	13.60	0.150
10.0			6.21	0.01	0.4	346	13.68	0.170
20.0			5.15	0.02	0.3	342	13.68	0.100
30.0			5.00	0.01	0.2	344	13.60	0.105
46.0			4.42	0.00	0.2	344	13.46	0.078

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.094	0.168	0.200	0.250	8.2
10.0	0.105	0.219	0.203	0.200	
20.0	0.044	0.059	0.200	0.230	
30.0	0.051	0.063	0.200	0.250	
46.0	0.036	0.041	0.213	0.295	

C-REF-NO 011
 CONS. NO 023
 COUNTRY 18
 INSTITUTE 22

LAT 43-38-54N
 LON 079-18-00W

YEAR 1969
 MCNTH 06
 DAY 10
 TIME 0724

NO. DEPTHS 01
 SOUNDING 0120
 BT SLIDE NO 023

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			6.50					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					11.5

C-REF-NO 011
 CONS. NO 024
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-30N
 LON 079-15-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0743

NO. DEPTHS 01
 SOUNDING 0240
 BT SLIDE NO 024

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			6.10					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					11.3

C-REF-NO 011
 CONS. NO 025
 COUNTRY 18
 INSTITUTE 22

LAT 43-42-18N
 LON 079-12-48W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0824

NO. DEPTHS 04
 SOUNDING 0160
 BT SLIDE NO 025

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			6.43	0.01	0.3	343	14.55	0.094
5.0			6.39	0.02	0.9	338	14.58	0.097
10.0			5.11	0.03	0.3	337	14.32	0.090
14.0			5.09	0.00	0.2	339	13.74	0.083

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.016	0.012	0.165	0.160	13.1
5.0	0.015	0.012	0.168	0.187	
10.0	0.026	0.018	0.208	0.480	
14.0	0.025	0.017	0.206	0.458	

C-REF-NO 011
 CONS. NO 026
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-24N
 LON 079-05-42W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 0936

NO. DEPTHS 05
 SOUNDING 0210
 BT SLIDE NO 026

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			5.91	0.01	0.5	346	14.75	0.072
5.0			5.64	0.01	0.4	342	13.76	0.087
10.0			5.86	0.03	0.3	338	13.86	0.085
12.0			5.70	0.01	0.3	341	13.33	0.078
19.0			5.01	0.00	0.3	339	13.76	0.086

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.009	0.010	0.140	0.128	10.7
5.0	0.009	0.005	0.138	0.095	
10.0	0.013	0.009	0.163	0.187	
12.0	0.017	0.024	0.193	0.422	
19.0	0.027	0.024	0.220	0.625	

C-REF-NO 011
 CONS. NO 027
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 079-06-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1056

NO. DEPTHS 05
 SOUNDING 1090
 BT SLIDE NO 027

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	10	8.50	0.00	0.1	331	14.90	0.081
10.0			7.83		0.1	332	14.99	0.074
20.0			5.34	0.02	0.0	337	13.76	0.066
30.0			4.09	0.02	0.0	338	13.50	0.066
107.0			3.77	0.01	0.1	337	13.09	0.072

DEPTH	SR P04	NH3	TFNO3	R SID2	CHLORA
1.0	0.010	0.010	0.073	0.180	11.1
10.0	0.003	0.010	0.095	0.078	
20.0	0.020	0.011	0.208	0.568	
30.0	0.042	0.017	0.235	0.735	
107.0	0.052	0.016	0.250	1.575	

C-REF-NO 011
 CONS. NO 028
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 079-06-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1247

NO. DEPTHS 05
 SOUNDING 1180
 BT SLIDE NO 028

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	7.0	9	7.17	0.00	0.0	335	13.98	0.079
5.0			6.98	0.00	0.0	335	14.23	0.072
10.0			5.72	0.01	0.1	335	14.23	0.072
30.0			4.64	0.00	0.0	336	13.47	0.060
116.0			3.78	0.01	0.1	337	13.08	0.074

DEPTH	SR P04	NH3	TFNO3	R SID2	CHLORA
1.0	0.011	0.011	0.195	0.240	4.8
5.0	0.003	0.007	0.148	0.075	
10.0	0.003	0.008	0.165	0.078	
30.0	0.014	0.012	0.205	0.258	
116.0	0.025	0.021	0.240	0.488	

C-REF-NO 011
 CONS. NO 029
 COUNTRY 18
 INSTITUTE 22

LAT 43-16-12N
 LON 079-08-48W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1418

NO. DEPTHS 04
 SOUNDING 0130
 BT SLIDE NO 029

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	1.0	11	13.25	0.01	0.8	344	11.74	0.108
5.0			12.94	0.01	1.1	339	11.65	0.088
10.0			11.08		0.5	349	11.37	0.058
12.0			9.43	0.01	0.4	341	11.74	0.067

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.001	0.015	0.073	0.045	9.6
5.0	0.001	0.016	0.080	0.025	
10.0	0.001	0.040	0.105	0.023	
12.0	0.001	0.053	0.110	0.032	

C-REF-NO 011
 CONS. NO 030
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-42N
 LON 079-06-30W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1457

NO. DEPTHS 03
 SOUNDING 0120
 BT SLIDE NO 030

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	1.5	11	14.93	0.02	0.6	329	11.18	0.079
5.0			13.80	0.00	0.9	329	10.96	0.086
10.0			11.79	0.00	0.5	338	12.94	0.077

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.002	0.058	0.113	0.078	2.9
5.0	0.002	0.062	0.115	0.070	
10.0	0.002	0.018	0.070	0.015	

C-REF-NO 011
 CONS. NO 031
 COUNTRY 18
 INSTITUTE 22

LAT 43-18-12N
 LON 079-02-24W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1557

NO. DEPTHS 03
 SOUNDING 0110
 BT SLIDE NO 031

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	11			0.3	338	11.41	0.086
5.0			15.41		0.4	330	11.72	0.089
9.0			13.35	0.00	0.5	328	10.33	0.082

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.002	0.013	0.102	0.050	6.7
5.0	0.002	0.017	0.100	0.030	
9.0	0.003	0.070	0.108	0.070	

C-REF-NO 011
 CONS. NO 032
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-42N
 LON 078-48-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1729

NO. DEPTHS 05
 SOUNDING 0540
 BT SLIDE NO 032

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.0	11	13.41	0.01	0.3	336	12.97	0.090
5.0			13.43	0.02	0.4	333	12.90	0.083
15.0			9.14	0.00	0.2	338	12.91	0.060
25.0			5.97	0.02	0.1	339	12.82	0.064
52.0			4.04	0.01	0.2	339	12.69	0.074

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.005	0.027	0.100	0.035	4.9
5.0	0.005	0.021	0.095	0.035	
15.0	0.005	0.100	0.105	0.020	
25.0	0.015	0.058	0.180	0.130	
52.0	0.028	0.041	0.230	0.450	

C-REF-NO 011
 CONS. NO 033
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 078-48-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1829

NO. DEPTHS 05
 SOUNDING 1260
 BT SLIDE NO 033

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	8.0	8	5.31	0.02	0.0	345	13.63	0.067
10.0			4.46	0.01	0.2	339	14.00	0.075
20.0			4.16	0.00	0.1	341	13.49	0.067
30.0			4.03	0.01	0.1	340	13.69	0.062
124.0			3.70	0.01	0.1	337	13.96	0.077

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.020	0.015	0.225	0.310	2.7
10.0	0.018	0.007	0.210	0.280	
20.0	0.021	0.010	0.225	0.320	
30.0	0.024	0.009	0.230	0.320	
124.0	0.025	0.010	0.230	0.380	

C-REF-NO 011
 CONS. NO 034
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-18N
 LON 078-48-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 1917

NO. DEPTHS 01
 SOUNDING 1440
 BT SLIDE NO 034

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	7.0	8	5.00					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					1.9

C-REF-NO 011
 CONS. NO 035
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-36N
 LON 078-48-00W

YEAR 1969
 MONTH 09
 DAY 10
 TIME 2012

NO. DEPTHS 05
 SOUNDING 1460
 BT SLIDE NO 035

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	7.0	8	7.57	0.05	0.1	343	13.27	0.067
5.0			5.18	0.01	0.1	338	13.88	0.071
10.0			4.63	0.02	0.1	338	14.35	0.073
25.0			3.94	0.00	0.1	337	13.65	0.067
144.0			3.64	0.00	0.1	337	13.38	0.063

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.015	0.013	0.240	0.350	4.0
5.0	0.014	0.005	0.230	0.340	
10.0	0.014	0.0 5	0.225	0.325	
25.0	0.012	0.005	0.230	0.330	
144.0	0.013	0.006	0.230	0.360	

C-REF-NO 011
 CONS. NO 036
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 078-48-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 2057

NO. DEPTHS 01
 SOUNDING 1220
 BT SLIDE NO 036

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0	3.0	9	8.20					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
0.0					8.1

C-REF-NO 011
 CONS. NO 037
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-18N
 LON 078-48-00W

YEAR 1969
 MCNTH 06
 DAY 10
 TIME 2137

NO. DEPTHS 01
 SOUNDING 0980
 BT SLIDE NO 037

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0	3.0	9	11.80					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
0.0					5.1

C-REF-NO 011
 CONS. NO 038
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-36N
 LON 078-48-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 2240

NO. DEPTHS 05
 SOUNDING 0560
 BT SLIDE NO 038

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	9	8.61	0.01	0.2	342	15.00	0.075
10.0			7.35	0.03	0.2	347	14.86	0.077
15.0			5.86	0.01	0.2	339	13.94	0.063
25.0			4.06	0.01	0.1	340	13.65	0.067
54.0			3.93	0.00	0.1	339	13.44	0.067

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.004	0.008	0.050	0.040	6.8
10.0	0.005	0.006	0.060	0.020	
15.0	0.004	0.014	0.140	0.020	
25.0	0.013	0.021	0.020	0.260	
54.0	0.013	0.020	0.220	0.325	

C-REF-NO 011
 CONS. NO 039
 COUNTRY 18
 INSTITUTE 22

LAT 43-51-00N
 LON 078-48-00W

YEAR 1969
 MONTH 06
 DAY 10
 TIME 2325

NO. DEPTHS 05
 SOUNDING 0200
 BT SLIDE NO 039

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	9	8.83	0.17	0.2	337	13.98	0.069
5.0			6.96	0.02	0.1	337	14.18	0.050
10.0			5.41	0.02	0.1	336	13.62	0.067
15.0			5.10	0.01	0.1	337	13.34	0.073
18.0			4.89	0.01	0.1	338	13.29	0.073

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.004	0.022	0.140	0.050	6.3
5.0	0.003	0.010	0.100	0.040	
10.0	0.005	0.020	0.170	0.120	
15.0	0.005	0.022	0.175	0.170	
18.0	0.005	0.021	0.190	0.180	

C-REF-NO 011
 CONS. NO 040
 COUNTRY 18
 INSTITUTE 22

LAT 43-53-00N
 LON 078-30-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0103

NO. DEPTHS 04
 SOUNDING 0180
 BT SLIDE NO 040

DEPTH	SECCHI	FORBL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			10.19	0.01	0.1	335	14.15	0.040
5.0			10.24	0.04	0.1	334	14.12	0.042
10.0			5.54	0.01	0.1	338	13.42	0.069
16.0			4.81	0.02	0.1	339	12.81	0.068

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.015	0.075	0.030	8.9
5.0	0.010	0.013	0.070	0.020	
10.0	0.015	0.015	0.170	0.100	
16.0	0.015	0.032	0.200	0.200	

C-REF-NO 011
 CONS. NO 041
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 078-30-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0121

NO. DEPTHS 01
 SOUNDING 0370
 BT SLIDE NO 041

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			11.50					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					9.0

C-REF-NO 011
 CONS. NO 042
 COUNTRY 18
 INSTITUTE 22

LAT 43-48-36N
 LON 078-30-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0211

NO. DEPTHS 05
 SOUNDING 0690
 BT SLIDE NO 042

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			11.55	0.00	0.1	330	14.46	0.054
5.0			10.62	0.01	0.1	330	14.86	0.090
10.0			8.49	0.03	0.1	331	14.23	0.057
30.0			4.40	0.00	0.0	336	13.51	0.058
67.0			3.89	0.01	0.1	338	13.33	0.063

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.005	0.019	0.025	0.020	11.0
5.0	0.005	0.017	0.020	0.010	
10.0	0.005	0.014	0.050	0.010	
30.0	0.010	0.032	0.190	0.180	
67.0	0.015	0.027	0.210	0.320	

C-REF-NO 011
 CONS. NO 043
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 078-30-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0354

NO. DEPTHS 05
 SOUNDING 1380
 BT SLIDE NO 043

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			6.98	0.01	0.1	340	13.83	0.081
10.0			5.18	0.00	0.0	337	13.86	0.077
20.0			4.03	0.01	0.0	339	13.75	0.061
30.0			3.93	0.00	0.1	341	13.61	0.067
135.0			3.75	0.01	0.1	336	13.61	0.063

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.018	0.016	0.215	0.243	7.7
10.0	0.015	0.010	0.175	0.190	
20.0	0.023	0.018	0.212	0.233	
30.0	0.010	0.008	0.160	0.170	
135.0	0.025	0.018	0.222	0.519	

C-REF-NO 011
 CONS. NO 044
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 078-30-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0539

NO. DEPTHS 01
 SOUNDING 1140
 BT SLIDE NO 044

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
0.0			9.70					

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
0.0					11.7

C-REF-NO 011
 CONS. NO 045
 COUNTRY 18
 INSTITUTE 22

LAT 43-24-24N
 LON 078-30-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0612

NO. DEPTHS 05
 SOUNDING 0620
 BT SLIDE NO 045

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T PO4
1.0			14.08	0.02	0.4	331	11.91	0.079
5.0			12.78	0.00	0.5	329	13.44	0.074
15.0			7.26	0.00	0.3	337	13.72	0.055
25.0			4.88		0.3	337	12.19	0.071
60.0			4.02	0.02	0.4	340	12.69	0.077

DEPTH	SR PO4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.025	0.100	0.090	12.0
5.0	0.008	0.016	0.072	0.040	
15.0	0.010	0.028	0.155	0.125	
25.0	0.021	0.055	0.180	0.190	
60.0	0.025	0.034	0.215	0.450	

C-REF-NO 011
 CONS. NO 046
 COUNTRY 18
 INSTITUTE 22

LAT 43-24-24N
 LON 078-12-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0752

NO. DEPTHS 05
 SOUNDING 0450
 BT SLIDE NO 046

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			14.50	0.01	0.3	334	11.78	0.080
10.0			9.29	0.01	0.2	337	12.54	0.059
20.0			7.50	0.01	0.2	338	12.53	0.054
30.0			5.78	0.01	0.2	337	13.09	0.051
43.0			4.17	0.01	0.3	338	13.34	0.063

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.011	0.017	0.098	0.060	12.9
10.0	0.010	0.040	0.118	0.075	
20.0	0.015	0.042	0.155	0.120	
30.0	0.015	0.025	0.182	0.150	
43.0	0.019	0.018	0.200	0.250	

C-REF-NO 011
 CONS. NO 047
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 078-12-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 0819

NO. DEPTHS 01
 SOUNDING 0860
 BT SLIDE NO 047

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			8.70					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					12.2

C-REF-NO 011
 CONS. NO 048
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 078-12-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1003

NO. DEPTHS 05
 SOUNDING 1570
 BT SLIDE NO 048

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	7.0	7	3.61	0.01	0.1	340	13.65	0.061
10.0			3.62	0.01	0.2	341	13.74	0.061
20.0			3.62	0.01	0.1	340	13.76	0.073
30.0			3.63	0.00	0.1	339	13.15	0.059
155.0			3.63	0.02	0.2	340	13.57	0.061

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.023	0.013	0.222	0.280	7.5
10.0	0.025	0.011	0.222	0.265	
20.0	0.025	0.011	0.235	0.270	
30.0	0.025	0.010	0.210	0.250	
155.0	0.024	0.011	0.220	0.260	

C-REF-NO 011
 CONS. NO 049
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 078-12-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1203

NO. DEPTHS 05
 SOUNDING 0510
 BT SLIDE NO 049

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	10	9.21	0.00	0.1	332	14.29	0.036
10.0			7.62	0.03	0.1	334	13.99	0.044
20.0			5.33	0.01	0.0	336	13.57	0.040
30.0			4.35	0.01	0.0	336	13.51	0.050
49.0			4.14	0.01	0.2	342	13.20	0.065

DEPTH	SR P04	NH3	TFNO3	R SID2	CHLORA
1.0	0.009	0.018	0.068	0.025	7.6
10.0	0.006	0.012	0.082	0.030	
20.0	0.009	0.038	0.168	0.075	
30.0	0.010	0.032	0.177	0.120	
49.0	0.012	0.033	0.198	0.185	

C-REF-NO 011
 CONS. NO 050
 COUNTRY 18
 INSTITUTE 22

LAT 43-56-00N
 LON 078-12-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1251

NO. DEPTHS 05
 SOUNDING 0200
 BT SLIDE NO 050

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	10	10.42	0.01	0.1	333	14.13	0.035
5.0			9.29	0.06	0.1	333	14.40	0.038
10.0			6.32	0.05	0.1	335	14.18	0.051
15.0			4.67	0.01	0.1	335	13.28	0.070
18.0			4.65	0.01	0.1	336	13.00	0.071

DEPTH	SR P04	NH3	TFNO3	R SID2	CHLORA
1.0	0.010	0.018	0.100	0.020	6.7
5.0	0.010	0.013	0.100	0.035	
10.0	0.010	0.018	0.135	0.065	
15.0	0.016	0.032	0.195	0.160	
18.0	0.015	0.030	0.200	0.185	

C-REF-NO 011
CONS. NO 051
COUNTRY 18
INSTITUTE 22

LAT 43-58-00N
LON 077-54-00W

YEAR 1969
MONTH 06
DAY 11
TIME 1423

NO. DEPTHS 04
SOUNDING 0190
BT SLIDE NO 051

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.0	10	7.17	0.15	0.1	335	14.24	0.040
5.0			7.23	0.04	0.1	334	14.40	0.046
10.0			6.75	0.01	0.1	335	14.07	0.054
17.0			4.86	0.02	0.1	337	13.29	0.065

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.013	0.019	0.100	0.050	5.1
5.0	0.011	0.015	0.115	0.055	
10.0	0.010	0.018	0.152	0.095	
17.0	0.015	0.027	0.192	0.140	

C-REF-NO 011
CONS. NO 052
COUNTRY 18
INSTITUTE 22

LAT 43-56-18N
LON 077-54-00W

YEAR 1969
MONTH 06
DAY 11
TIME 1447

NO. DEPTHS 01
SOUNDING 0420
BT SLIDE NO 052

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	2.0	11	9.70					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					4.8

C-REF-NO 011
CONS. NO 053
COUNTRY 18
INSTITUTE 22

LAT 43-52-00N
LON 077-54-00W

YEAR 1969
MONTH 06
DAY 11
TIME 1536

NO. DEPTHS 05
SOUNDING 0580
BT SLIDE NO 053

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	9	11.80	0.01	0.1	338	14.07	0.041
10.0			8.29	0.00	0.2	335	14.26	0.041
20.0			4.81	0.00	0.1	339	13.59	0.039
30.0			4.22	0.02	0.1	334	13.75	0.051
56.0			4.03	0.01	0.2	336	13.36	0.062

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.017	0.062	0.035	4.6
10.0	0.010	0.012	0.075	0.050	
20.0	0.012	0.031	0.175	0.100	
30.0	0.020	0.027	0.200	0.125	
56.0	0.020	0.028	0.198	0.175	

C-REF-NO 011
 CONS. NO 054
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-00N
 LON 077-54-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1615

NO. DEPTHS 01
 SOUNDING 0990
 BT SLIDE NO 054

DEPTH	SECCWI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	3.0	11	11.00					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					4.3

C-REF-NO 011
 CONS. NO 055
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-18N
 LON 077-54-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1649

NO. DEPTHS 01
 SOUNDING 1300
 BT SLIDE NO 055

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	2.5	11	10.30					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					7.9

C-REF-NO 011
 CONS. NO 056
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-54-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1739

NO. DEPTHS 05
 SOUNDING 1640
 BT SLIDE NO 056

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	13.0	6	4.06	0.04	0.1	357	13.63	0.064
10.0			3.90	0.01	0.1	342	13.69	0.062
20.0			3.72	0.01	0.1	339	13.65	0.063
30.0			3.71	0.00	0.1	339	13.69	0.053
162.0			3.65	0.01	0.1	339	13.59	0.062

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.019	0.022	0.250	0.280	3.7
10.0	0.019	0.020	0.240	0.290	
20.0	0.020	0.015	0.240	0.290	
30.0	0.020	0.013	0.240	0.300	
162.0	0.021	0.015	0.245	0.315	

C-REF-NO 011
 CONS. NO 057
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-42N
 LON 077-54-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1832

NO. DEPTHS 01
 SOUNDING 1800
 BT SLIDE NO 057

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0	12.0	8	3.90					

DEPTH	SR PQ4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.5

C-REF-NO 011
 CONS. NO 058
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-18N
 LON 077-54-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 1911

NO. DEPTHS 01
 SOUNDING 1690
 BT SLIDE NO 058

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0	9.0	7	5.90					

DEPTH	SR PQ4	NH3	TFNO3	R SIO2	CHLORA
0.0					3.2

C-REF-NO 011
 CONS. NO 059
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-54-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 2007

NO. DEPTHS 05
 SOUNDING 1110
 BT SLIDE NO 059

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	6.0	8	5.87	0.01	0.2	339	13.94	0.062
10.0			4.93	0.00	0.3	341	13.80	0.072
20.0			4.23	0.00	0.2	340	13.88	0.064
30.0			4.03	0.00	0.2	341	13.60	0.065
109.0			3.72	0.00	0.2	340	13.74	0.090

DEPTH	SR PQ4	NH3	TFNO3	R SIO2	CHLORA
1.0	0.018	0.020	0.250	0.340	2.9
10.0	0.021	0.020	0.245	0.350	
20.0	0.018	0.017	0.230	0.315	
30.0	0.018	0.017	0.230	0.315	
109.0	0.017	0.017	0.210	0.295	

C-REF-NO 011
 CONS. NO 060
 COUNTRY 18
 INSTITUTE 22

LAT 43-22-00N
 LON 077-54-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 2109

NO. DEPTHS 04
 SOUNDING 0180
 BT SLIDE NO 060

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	10	13.31	0.01	0.2	336	12.96	0.098
5.0			13.76	0.00	0.3	333	13.01	0.081
10.0			10.98	0.02	0.4	334	11.93	0.064
16.0			9.86	0.00	0.5	334	12.06	0.062

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.014	0.023	0.075	0.075	2.9
5.0	0.010	0.023	0.070	0.045	
10.0	0.012	0.040	0.100	0.040	
16.0	0.007	0.065	0.120	0.060	

C-REF-NO 011
 CONS. NO 061
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-18N
 LON 077-36-00W

YEAR 1969
 MONTH 06
 DAY 11
 TIME 2305

NO. DEPTHS 05
 SOUNDING 0230
 BT SLIDE NO 061

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	1.5	11	15.44	0.01	0.5	351	13.28	0.114
5.0			14.07	0.02	0.5	349	12.61	0.130
10.0			12.34	0.00	0.3	338	11.18	0.071
15.0			10.78	0.03	0.3	338	10.81	0.065
21.0			8.67	0.00	0.2	337	11.99	0.058

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.011	0.024	0.045	0.150	19.1
5.0	0.010	0.024	0.050	0.145	
10.0	0.010	0.050	0.090	0.025	
15.0	0.012	0.060	0.110	0.050	
21.0	0.011	0.041	0.145	0.080	

C-REF-NO 011
 CONS. NO 062
 COUNTRY 18
 INSTITUTE 22

LAT 43-16-30N
 LON 077-27-30W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0015

NO. DEPTHS 05
 SOUNDING 0230
 BT SLIDE NO 062

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	1.0	11	14.39	0.03	0.3	327	13.78	0.109
5.0			13.77	0.05	0.2	328	13.40	0.108
10.0			11.69	0.00	0.1	332	11.43	0.069
15.0			8.46	0.02	0.1	335	12.59	0.070
21.0			7.36	0.01	0.1	335	12.42	0.065

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.026	0.035	0.020	18.0
5.0	0.010	0.027	0.030	0.025	
10.0	0.010	0.041	0.105	0.025	
15.0	0.010	0.029	0.130	0.075	
21.0	0.011	0.036	0.145	0.100	

C-REF-NO 011
 CONS. NO 063
 COUNTRY 18
 INSTITUTE 22

LAT 43-20-48N
 LON 077-30-12W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0113

NO. DEPTHS 05
 SOUNDING 1150
 BT SLIDE NO 063

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	11	8.68	0.01	0.1	336	14.37	0.077
10.0			5.05	0.01	0.1	337	13.67	0.069
20.0			4.13	0.01	0.1	341	13.51	0.067
30.0			3.92	0.01	0.0	339	13.43	0.083
113.0			3.74	0.02	0.0	340	13.36	0.067

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.012	0.023	0.145	0.110	12.6
10.0	0.019	0.024	0.210	0.230	
20.0	0.022	0.026	0.225	0.265	
30.0	0.023	0.023	0.225	0.270	
113.0	0.024	0.023	0.230	0.295	

C-REF-NO 011
 CONS. NO 064
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-36-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0205

NO. DEPTHS 01
 SOUNDING 1570
 BT SLIDE NO 064

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			5.50					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					6.6

C-REF-NO 011
 CONS. NO 065
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-36-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0350

NO. DEPTHS 05
 SOUNDING 1170
 BT SLIDE NO 065

DEPTH	SECOMI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			11.58	0.01	0.1	338	14.15	0.097
10.0			9.43	0.01	0.2	336	13.75	0.122
20.0			4.80	0.01	0.1	339	13.68	0.060
30.0			4.30		0.1	340	13.60	0.064
115.0			3.81	0.02	0.1	340	13.25	0.079

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.016	0.010	0.035	10.2
10.0	0.008	0.024	0.040	0.035	
20.0	0.011	0.026	0.200	0.145	
30.0	0.012	0.029	0.220	0.195	
115.0	0.015	0.025	0.245	0.335	

C-REF-NO 011
 CONS. NO 066
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 077-36-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0516

NO. DEPTHS 01
 SOUNDING 0470
 BT SLIDE NO 066

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			12.20					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					14.4

C-REF-NO 011
 CONS. NO 067
 COUNTRY 18
 INSTITUTE 22

LAT 43-56-18N
 LON 077-36-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0558

NO. DEPTHS 03
 SOUNDING 0220
 BT SLIDE NO 067

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			12.71	0.04	0.2	333	13.60	0.052
10.0			9.60	0.02	0.2	332	13.79	0.057
20.0			5.99	0.04	0.2	338	12.27	0.045

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.011	0.022	0.055	0.020	13.5
10.0	0.009	0.145	0.060	0.020	
20.0	0.006	0.050	0.165	0.100	

C-REF-NO 011
 CONS. NO 068
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-54N
 LON 077-32-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0637

NO. DEPTHS 01
 SOUNDING 0460
 BT SLIDE NO 068

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			12.40					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					11.8

C-REF-NO 011
 CONS. NO 069
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 077-18-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0757

NO. DEPTHS 04
 SOUNDING 0310
 BT SLIDE NO 069

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0			12.35	0.01	0.5	336	12.88	0.044
5.0			12.30	0.03	0.2	335	12.79	0.051
15.0			6.66	0.01	0.3	339	12.91	0.045
29.0			4.95	0.01	0.2	340	12.40	0.056

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.010	0.021	0.050	0.040	11.3
5.0	0.010	0.021	0.045	0.035	
15.0	0.008	0.024	0.140	0.100	
29.0	0.007	0.021	0.045	0.035	

C-REF-NO 011
 CONS. NO 070
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-18-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 0952

NO. DEPTHS 05
 SOUNDING 1280
 BT SLIDE NO 070

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	4.0	8	5.95	0.01	0.2	349	13.96	0.092
10.0			5.63	0.01	0.2	338	13.86	0.088
20.0			5.48	0.00	0.3	337	13.85	0.077
30.0			5.37	0.01	0.2	337	13.79	0.076
126.0			3.75	0.01	0.3	342	13.16	0.073

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.014	0.021	0.200	0.240	9.8
10.0	0.012	0.021	0.185	0.190	
20.0	0.014	0.020	0.210	0.215	
30.0	0.015	0.021	0.215	0.225	
126.0	0.023	0.024	0.260	0.355	

C-REF-NO 011
 CONS. NO 071
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-18-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 1130

NO. DEPTHS 01
 SOUNDING 2030
 BT SLIDE NO 071

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	6.0	6	3.70					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
0.0					8.2

C-REF-NO 011
 CONS. NO 072
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-36N
 LON 077-18-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 1225

NO. DEPTHS 05
 SOUNDING 1320
 BT SLIDE NO 072

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	10	10.27	0.03	0.1	332	13.82	
10.0			4.16	0.00	0.0	337	13.59	
20.0			3.82	0.01	0.0	339	13.36	
30.0			3.84	0.00	0.1	337	13.36	
130.0			3.75	0.00	0.1	337	13.36	

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0					5.1
10.0					
20.0					
30.0					
130.0					

C-REF-NO 011
 CONS. NO 073
 COUNTRY 18
 INSTITUTE 22

LAT 43-18-42N
 LON 077-18-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 1326

NO. DEPTHS 05
 SOUNDING 0410
 BT SLIDE NO 073

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.0	11	13.22	0.01	0.1	331	12.35	0.080
10.0			10.30	0.01	0.2	332	12.66	0.080
20.0			6.71	0.01	0.1	335	12.58	0.062
30.0			5.80	0.01	0.1	336	12.89	0.062
37.0			5.42	0.01	0.1	336	13.12	0.056

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.006	0.028	0.080	0.040	12.7
10.0	0.005	0.023	0.075	0.030	
20.0	0.012	0.053	0.170	0.130	
30.0	0.012	0.044	0.185	0.180	
37.0	0.012	0.040	0.175	0.200	

O-REF-NO 011
 CONS. NO 074
 COUNTRY 18
 INSTITUTE 22

LAT 43-17-12N
 LON 077-00-00W
 YEAR 1969
 MONTH 06
 DAY 12
 TIME 1510

NO. DEPTHS 04
 SOUNDING 0200
 BT SLIDE NO 074

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	10	12.60	0.02	0.1	335	12.34	0.057
5.0			11.97	0.01	0.2	330	12.54	0.075
10.0			11.48	0.01	0.1	330	12.00	0.067
18.0			8.21	0.02	0.2	331	11.97	0.065

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.018	0.034	0.100	0.050	7.2
5.0	0.008	0.030	0.090	0.020	
10.0	0.010	0.045	0.095	0.025	
18.0	0.015	0.046	0.155	0.120	

C-REF-NO 011
 CONS. NO 075
 COUNTRY 18
 INSTITUTE 22

LAT 43-21-42N
 LON 077-00-00W
 YEAR 1969
 MONTH 06
 DAY 12
 TIME 1602

NO. DEPTHS 05
 SOUNDING 0760
 BT SLIDE NO 075

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	11	8.87	0.04	0.2	333	12.43	0.086
10.0			4.35	0.01	0.1	333	13.75	0.068
20.0			4.12	0.00	0.2	335	13.52	0.064
30.0			4.10	0.01	0.3	335	13.52	0.064
74.0			3.78	0.00	0.2	337	13.25	0.063

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.007	0.023	0.120	0.150	9.1
10.0	0.025	0.019	0.200	0.280	
20.0	0.025	0.020	0.230	0.375	
30.0	0.023	0.015	0.215	0.380	
74.0	0.028	0.019	0.225	0.480	

C-REF-NO 011
 CONS. NO 076
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 077-00-00W
 YEAR 1969
 MONTH 06
 DAY 12
 TIME 1648

NO. DEPTHS 01
 SOUNDING 1870
 BT SLIDE NO 076

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	12.0	8	4.00					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
0.0					8.1

C-REF-NO 011
 CONS. NO 077
 COUNTRY 18
 INSTITUTE 22

LAT 43-30-18N
 LON 077-00-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 1743

NO. DEPTHS 05
 SOUNDING 2220
 BT SLIDE NO 077

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	13.0	7	3.65	0.02	0.0	339	13.44	0.067
10.0			3.52	0.01	0.2	341	13.44	0.065
20.0			3.50	0.00	0.1	339	13.39	0.064
30.0			3.49	0.02	0.1	339	13.44	0.067
220.0			3.58	0.01	5.2	336	13.36	0.240

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.020	0.020	0.240	0.345	7.9
10.0	0.020	0.010	0.235	0.350	
20.0	0.019	0.010	0.235	0.325	
30.0	0.019	0.015	0.220	0.325	
220.0	0.019	0.015	0.235	0.400	

C-REF-NO 011
 CONS. NO 078
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-42N
 LON 077-00-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 1842

NO. DEPTHS 01
 SOUNDING 1880
 BT SLIDE NO 078

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	12.0	7	3.90					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					3.0

C-REF-NO 011
 CONS. NO 079
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 077-00-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 1933

NO. DEPTHS 05
 SOUNDING 1420
 BT SLIDE NO

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	6.0	8	6.36	0.00	0.1	340	13.77	0.069
5.0			6.65	0.00	0.0	336	13.74	0.070
10.0			5.49	0.00	0.2	338	13.76	0.075
30.0			4.07	0.02	0.2	340	13.64	0.067
140.0			3.59	0.00	0.2	341	12.96	0.069

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.011	0.012	0.195	0.230	3.2
5.0	0.011	0.015	0.210	0.230	
10.0	0.011	0.012	0.200	0.230	
30.0	0.019	0.012	0.205	0.250	
140.0	0.025	0.040	0.240	0.500	

C-REF-NO 011
 CONS. NO 080
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-18N
 LON 077-00-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 2017

NO. DEPTHS 01
 SOUNDING 0900
 BT SLIDE NO 080

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0	3.0	9	10.70					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					5.6

C-REF-NO 011
 CONS. NO 081
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-42N
 LON 077-00-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 2107

NO. DEPTHS 05
 SOUNDING 0610
 BT SLIDE NO 081

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	10	12.54	0.00	0.1	335	13.54	0.079
10.0			10.78	0.01	0.2	331	13.79	0.073
20.0			8.85	0.02	0.4	333	13.86	0.044
30.0			5.66	0.01	0.2	341	13.30	0.039
59.0			5.00	0.01	0.7	345	12.20	0.062

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.015	0.024	0.040	0.035	6.4
10.0	0.015	0.025	0.055	0.030	
20.0	0.015	0.025	0.090	0.030	
30.0	0.015	0.036	0.185	0.115	
59.0	0.020	0.037	0.210	0.295	

C-REF-NO 011
 CONS. NO 082
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 077-00-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 2200

NO. DEPTHS 05
 SOUNDING 0200
 BT SLIDE NO 082

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	3.0	9	12.87	0.02	0.2	334	13.24	0.064
5.0			12.83	0.03	0.3	328	13.80	0.061
8.0			11.89	0.00	0.2	329	13.62	0.057
14.0			7.33	0.01	0.3	333	13.23	0.057
18.0			7.19	0.00	0.1	335	12.59	0.047

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.022	0.025	0.030	0.055	5.7
5.0	0.016	0.025	0.025	0.025	
8.0	0.015	0.025	0.030	0.030	
14.0	0.013	0.029	0.125	0.035	
18.0	0.012	0.024	0.135	0.060	

C-REF-NO 011
 CONS. NO 083
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 076-42-00W

YEAR 1969
 MONTH 06
 DAY 12
 TIME 2335

NO. DEPTHS 05
 SOUNDING 0420
 BT SLIDE NO 083

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	2.5	11	14.76	0.00	0.2	341	13.79	0.065
10.0			9.07	0.01	0.1	337	13.20	0.071
20.0			7.81	0.01	0.1	343	12.67	0.054
30.0			6.98	0.00	0.1	342	13.15	0.041
40.0			6.34	0.01	0.1	343	12.19	0.048

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.015	0.034	0.010	0.080	13.3
10.0	0.011	0.032	0.020	0.020	
20.0	0.013	0.043	0.110	0.035	
30.0	0.015	0.033	0.135	0.010	
40.0	0.016	0.042	0.135	0.105	

C-REF-NO 011
 CONS. NO 084
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 076-42-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0134

NO. DEPTHS 05
 SOUNDING 1480
 BT SLIDE NO 084

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			4.42	0.02	0.0	340	13.51	0.064
10.0			3.87	0.00	0.0	340	13.51	0.061
20.0			3.86	0.01	0.0	339	13.50	0.061
30.0			3.87	0.00	0.0	339	13.48	0.065
146.0			3.67	0.00	0.1	341	13.39	0.063

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.039	0.225	0.270	3.1
10.0	0.025	0.029	0.220	0.265	
20.0	0.025	0.024	0.215	0.270	
30.0	0.027	0.047	0.225	0.270	
146.0	0.026	0.029	0.215	0.290	

C-REF-NO 011
 CONS. NO 085
 COUNTRY 18
 INSTITUTE 22

LAT 43-26-00N
 LON 076-42-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0341

NO. DEPTHS 05
 SOUNDING 0660
 BT SLIDE NO 085

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			12.39	0.00	0.1	332	13.60	0.092
10.0			9.94	0.01	0.1	329	14.22	0.087
20.0			6.02	0.00	0.1	334	12.97	0.061
30.0			4.83	0.02	0.1	333	13.44	0.054
64.0			3.86	0.00	0.2	335	13.36	0.069

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.015	0.035	0.090	0.075	10.9
10.0	0.006	0.022	0.100	0.070	
20.0	0.013	0.036	0.180	0.120	
30.0	0.010	0.029	0.220	0.240	
64.0	0.024	0.026	0.240	0.375	

C-REF-NO 011
 CONS. NO 086
 COUNTRY 18
 INSTITUTE 22

LAT 43-23-00N
 LON 076-42-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0418

NO. DEPTHS 01
 SOUNDING 0190
 BT SLIDE NO 086

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			13.50					

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
0.0					15.5

C-REF-NO 011
 CONS. NO 087
 COUNTRY 18
 INSTITUTE 22

LAT 43-28-36N
 LON 076-32-06W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0529

NO. DEPTHS 03
 SOUNDING 0170
 BT SLIDE NO 087

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			12.60	0.00	0.3	334	13.44	0.105
10.0			11.67	0.01	0.4	333	13.05	0.083
15.0			10.43	0.01	0.3	333	12.50	0.070

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.015	0.044	0.070	0.070	18.3
10.0	0.006	0.030	0.070	0.065	
15.0	0.006	0.036	0.100	0.060	

C-REF-NO 011
 CONS. NO 088
 COUNTRY 18
 INSTITUTE 22

LAT 43-34-00N
 LON 076-24-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0634

NO. DEPTHS 05
 SOUNDING 0560
 BT SLIDE NO 088

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			12.05	0.04	0.3	339	13.29	0.102
10.0			9.33	0.01	0.3	339	12.83	0.080
20.0			8.85	0.02	0.2	338	12.43	0.068
30.0			6.90	0.02	0.2	334	13.16	0.056
54.0			4.82	0.00	0.4	339	13.33	0.054

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.021	0.037	0.100	0.060	20.0
10.0	0.010	0.044	0.120	0.060	
20.0	0.010	0.135	0.135	0.060	
30.0	0.003	0.034	0.155	0.070	
54.0	0.006	0.032	0.215	0.230	

C-REF-NO 011
 CONS. NO 089
 COUNTRY 18
 INSTITUTE 22

LAT 43-39-00N
 LON 076-24-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0715

NO. DEPTHS 01
 SOUNDING 0910
 BT SLIDE NO 089

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
0.0			8.10					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					7.9

C-REF-NO 011
 CONS. NO 090
 COUNTRY 18
 INSTITUTE 22

LAT 43-43-12N
 LON 076-24-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0757

NO. DEPTHS 05
 SOUNDING 0500
 BT SLIDE NO 090

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0			8.70	0.00	0.2	341	13.74	0.057
5.0			8.66	0.00	0.3	337	13.43	0.058
15.0			5.48	0.01	0.2	340	14.11	0.054
20.0			4.97	0.01	0.3	341	13.48	0.056
48.0			4.20	0.00	0.3	345	12.50	0.073

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.008	0.024	0.020	0.190	8.6
5.0	0.008	0.017	0.230	0.180	
15.0	0.006	0.009	0.190	0.175	
20.0	0.010	0.044	0.235	0.200	
48.0	0.025	0.025	0.270	0.340	

C-REF-NO 011
 CONS. NO 091
 COUNTRY 18
 INSTITUTE 22

LAT 43-47-42N
 LON 076-24-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0831

NO. DEPTHS 01
 SOUNDING 0420
 BT SLIDE NO 091

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0			10.00					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					11.5

C-REF-NO 011
 CONS. NO 092
 COUNTRY 18
 INSTITUTE 22

LAT 43-52-00N
 LON 076-24-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 0923

NO. DEPTHS 04
 SOUNDING 0140
 BT SLIDE NO 092

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	2.5	11	12.12	0.00	0.3	343	12.92	0.092
5.0			12.16	0.02	0.2	340	13.01	0.091
10.0			12.07	0.00	0.2	338	12.99	0.079
12.0			11.95	0.04	0.3	338	12.76	0.067

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.030	0.033	0.050	0.080	13.1
5.0	0.020	0.020	0.045	0.080	
10.0	0.020	0.021	0.055	0.080	
12.0	0.015	0.030	0.055	0.080	

C-REF-NO 011
 CONS. NO 093
 COUNTRY 18
 INSTITUTE 22

LAT 43-56-18N
 LON 076-12-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 1034

NO. DEPTHS 01
 SOUNDING 0240
 BT SLIDE NO 093

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
0.0	2.5	11	15.10					

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
0.0					15.1

C-REF-NO 011
 CONS. NO 094
 COUNTRY 18
 INSTITUTE 22

LAT 44-00-42N
 LON 076-30-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 1230

NO. DEPTHS 05
 SOUNDING 0290
 BT SLIDE NO 094

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	3.5	11	12.90	0.00	0.1	336	12.67	0.075
5.0			12.65	0.03	0.1	337	12.72	0.081
10.0			10.97	0.01	0.1	346	11.82	0.071
20.0			9.52	0.02	0.1	338	11.57	0.044
27.0			9.45	0.00	0.1	337	11.40	0.051

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.055	0.036	0.060	0.075	10.2
5.0	0.010	0.015	0.050	0.080	
10.0	0.008	0.027	0.060	0.075	
20.0	0.005	0.042	0.100	0.080	
27.0	0.008	0.041	0.110	0.120	

C-REF-NO 011
 CONS. NO 095
 COUNTRY 18
 INSTITUTE 22

LAT 44-09-18N
 LON 076-36-00W

YEAR 1969
 MONTH 06
 DAY 13
 TIME 1355

NO. DEPTHS 04
 SOUNDING 0250
 BT SLIDE NO 095

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	02 W	T P04
1.0	3.0	11	13.68	0.02	0.0	325	11.86	0.053
5.0			13.64	0.04	0.0	327	11.85	0.059
10.0			11.55	0.01	0.0	328	12.13	0.051
23.0			10.60	0.02	0.1	330	11.41	0.051

DEPTH	SR P04	NH3	TFN03	R SIO2	CHLORA
1.0	0.030	0.037	0.075	0.075	8.4
5.0	0.008	0.017	0.070	0.070	
10.0	0.005	0.020	0.075	0.060	
23.0	0.005	0.026	0.090	0.090	

C-REF-NO 011
CONS. NO 096
COUNTRY 18
INSTITUTE 22

LAT 44-00-36N
LON 076-48-00W

YEAR 1969
MONTH 06
DAY 13
TIME 1532

NO. DEPTHS 05
SOUNDING 0270
BT SLIDE NO 096

DEPTH	SECCHI	FOREL	TEMP	T CLAS	TURB	SP CON	O2 W	T P04
1.0	4.0	11	13.50	0.03	0.0	310	12.46	0.062
5.0			13.37	0.03	0.1	312	12.46	0.058
10.0			10.98	0.01	0.1	327	12.50	0.046
20.0			6.41	0.01	0.1	338	11.60	0.056
25.0			5.98	0.00	0.4	338	11.28	0.047

DEPTH	SR P04	NH3	TFNO3	R SIO2	CHLORA
1.0	0.025	0.038	0.050	0.075	9.1
5.0	0.005	0.023	0.040	0.070	
10.0	0.003	0.032	0.060	0.075	
20.0	0.003	0.056	0.170	0.210	
25.0	0.003	0.056	0.200	0.475	