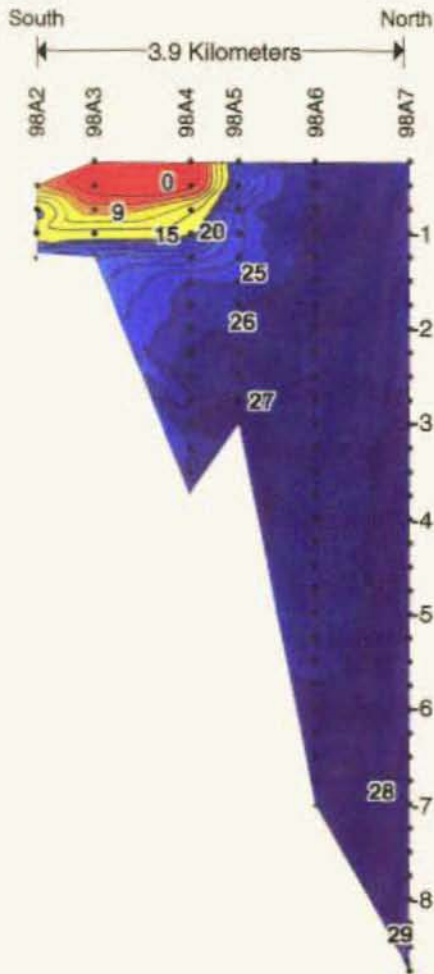
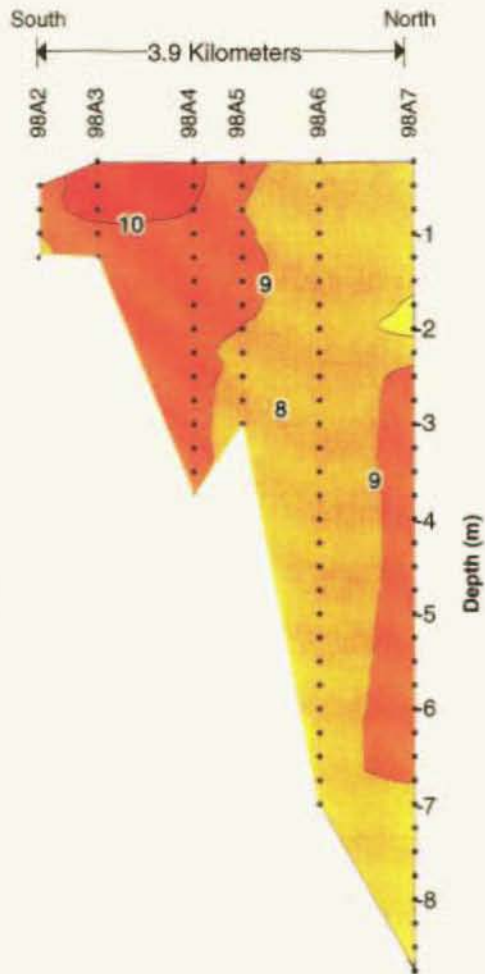


**Salinity (ppt) Profile
Transect A**



**Temperature (Celsius) Profile
Transect A**



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect A: August 12, 1998**

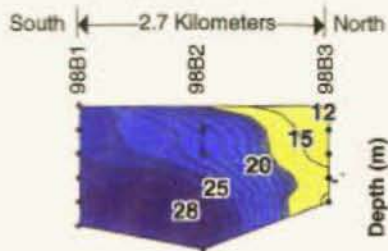
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

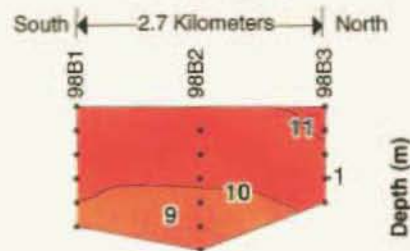
**Figure
E-11**

URS Greiner Woodward Clyde

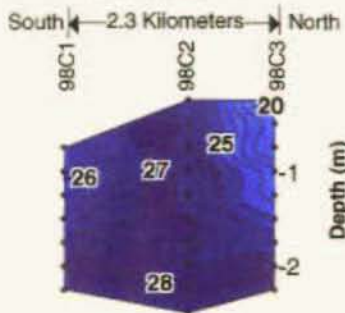
**Salinity (ppt) Profiles
Transect B**



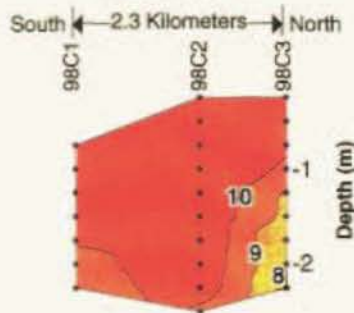
**Temperature (Celsius) Profiles
Transect B**



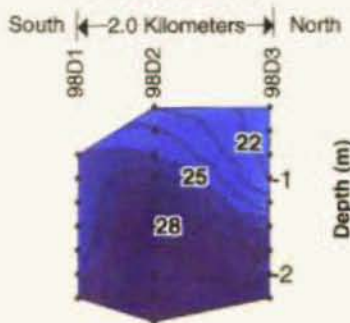
Transect C



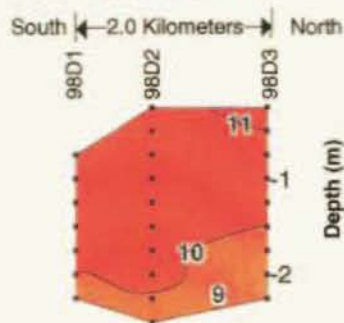
Transect C



Transect D



Transect D



URS Greiner Woodward Clyde

**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects B, C, & D: August 12, 1998**

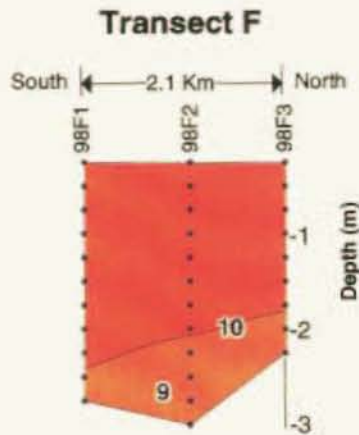
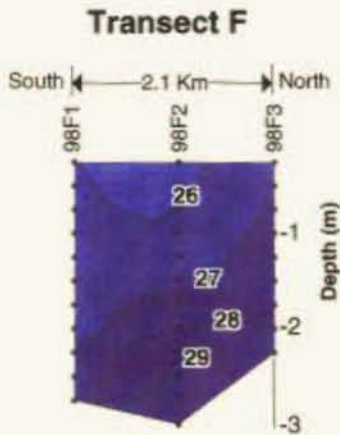
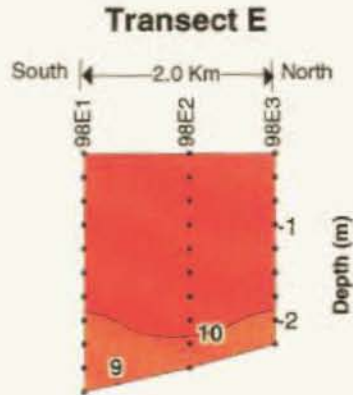
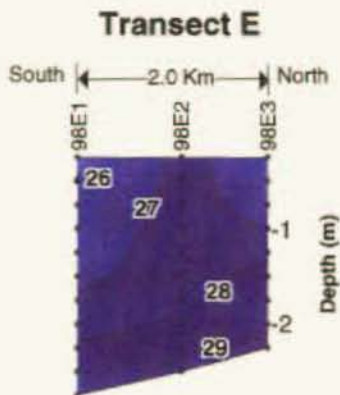
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

**Figure
E-12**

Salinity (ppt) Profiles

Temperature (Celsius) Profiles



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects E & F: August 12, 1998**

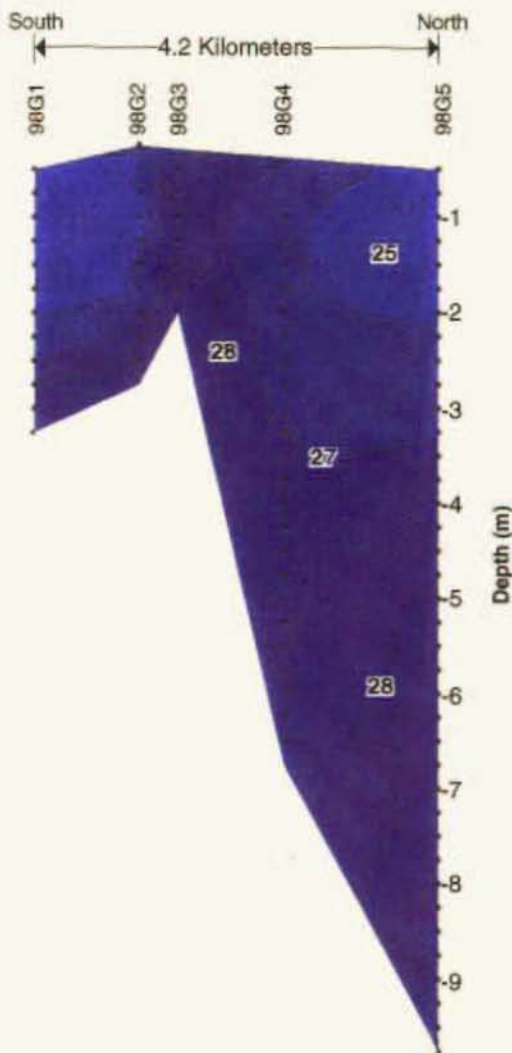
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

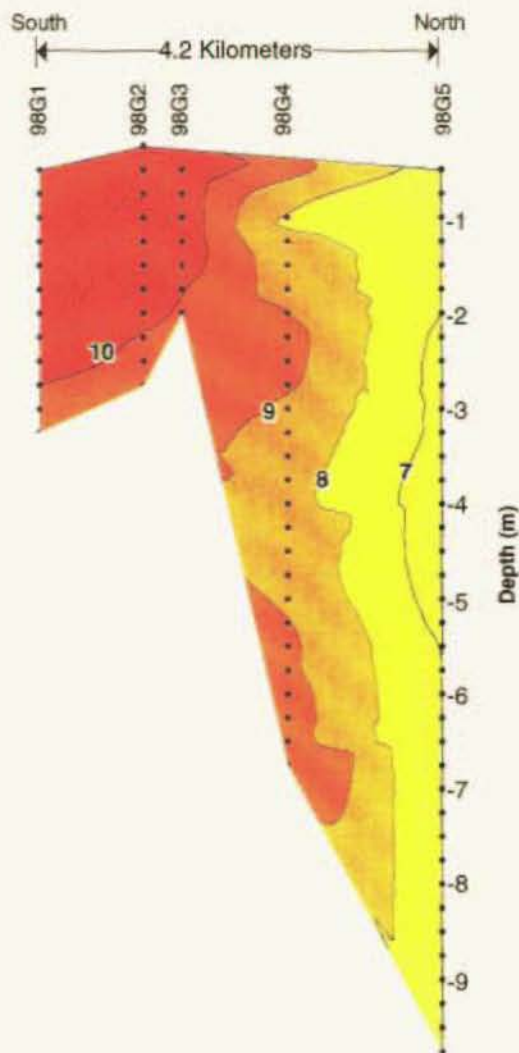
**Figure
E-13**

URS Greiner Woodward Clyde

Salinity (ppt) Profile Transect G



Temperature (Celsius) Profile Transect G



Pt. Thomson Unit Area 1998 Physical Oceanography Study Salinity and Temperature Transect G: August 12, 1998

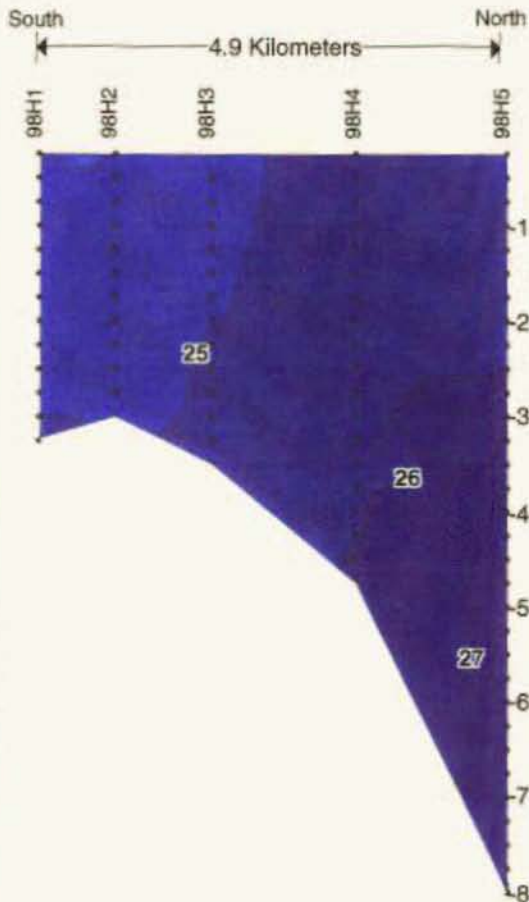
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

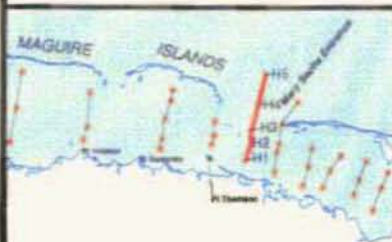
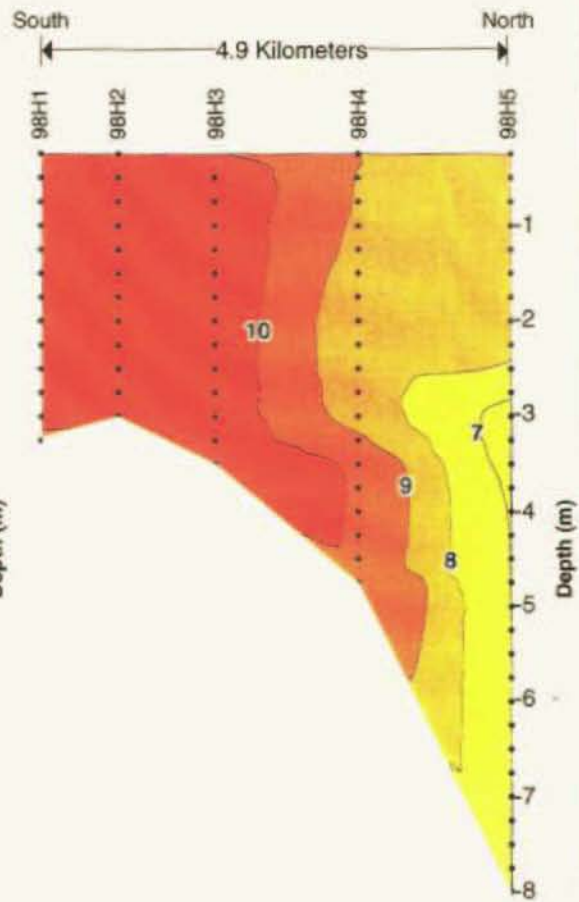
**Figure
E-14**

URS Greiner Woodward Clyde

**Salinity (ppt) Profile
Transect H**



**Temperature (Celsius) Profile
Transect H**



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect H: August 12, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

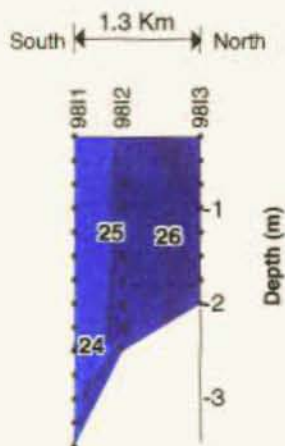
**Figure
E-15**

URS Greiner Woodward Clyde

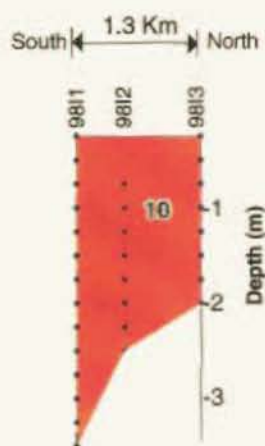
Salinity (ppt) Profiles

Temperature (Celsius) Profiles

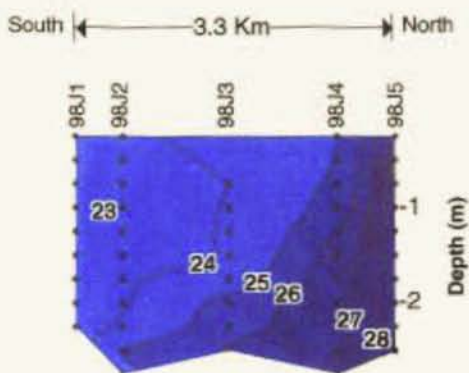
Transect I



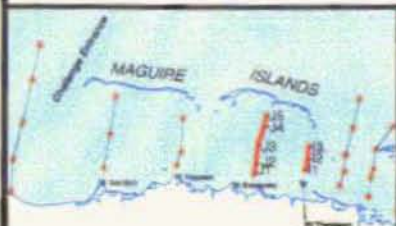
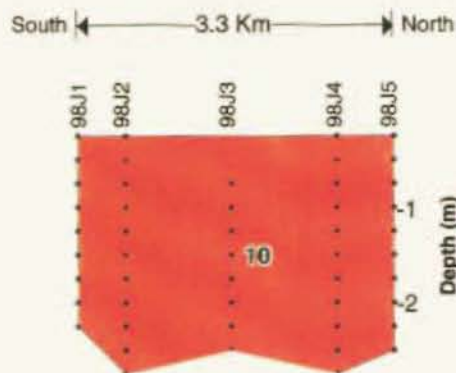
Transect I



Transect J



Transect J



Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects I & J: August 12, 1998

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

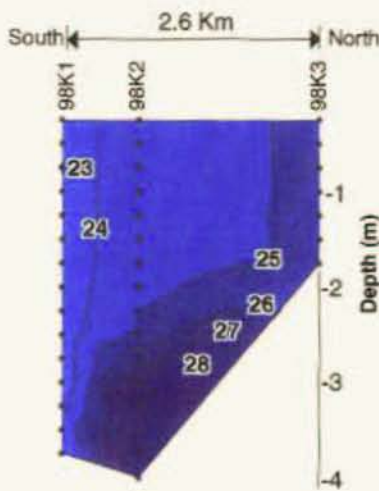
Figure
E-16

URS Greiner Woodward Clyde

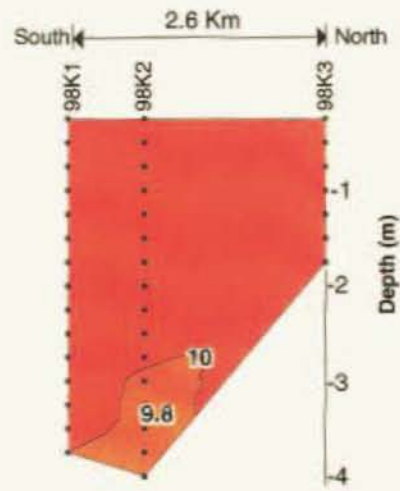
Salinity (ppt) Profiles

Temperature (Celsius) Profiles

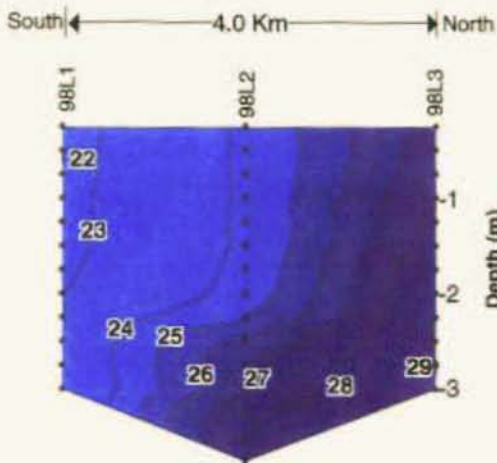
Transect K



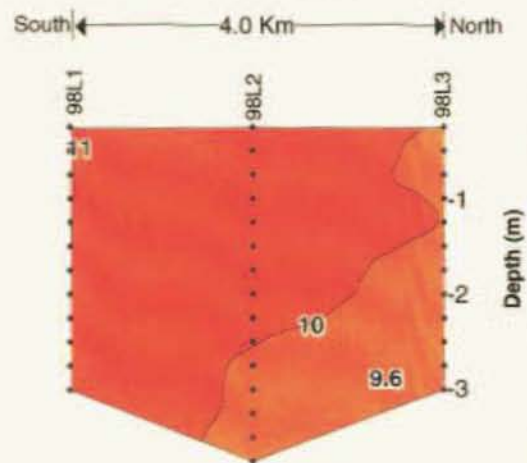
Transect K



Transect L



Transect L



Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects K & L: August 12, 1998

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

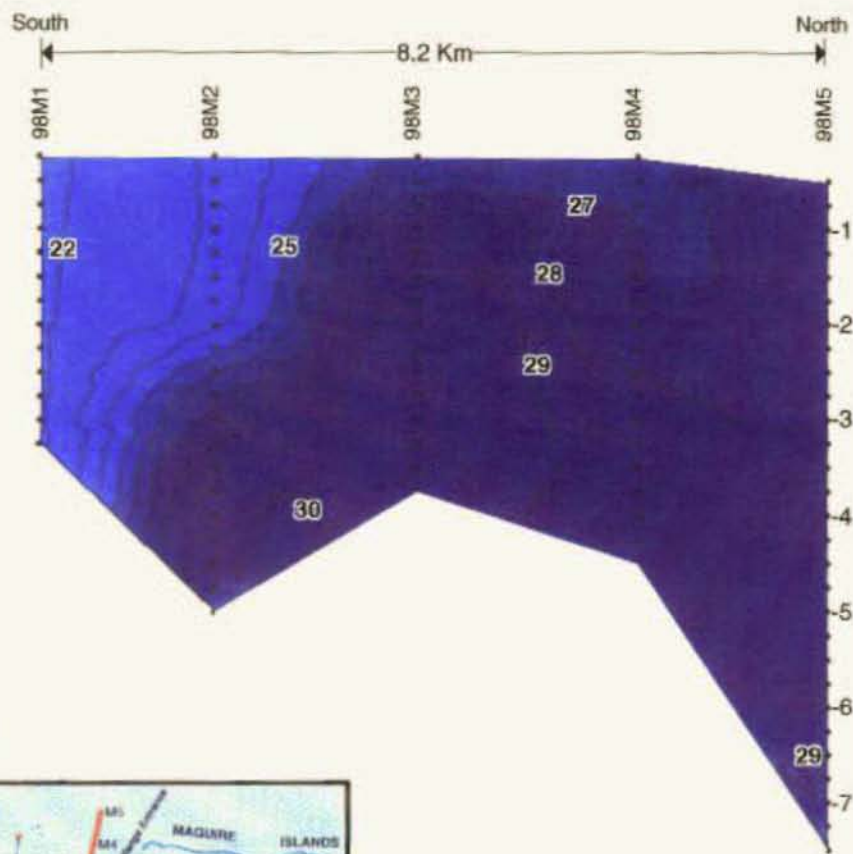
Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

Figure
E-17

URS Greiner Woodward Clyde

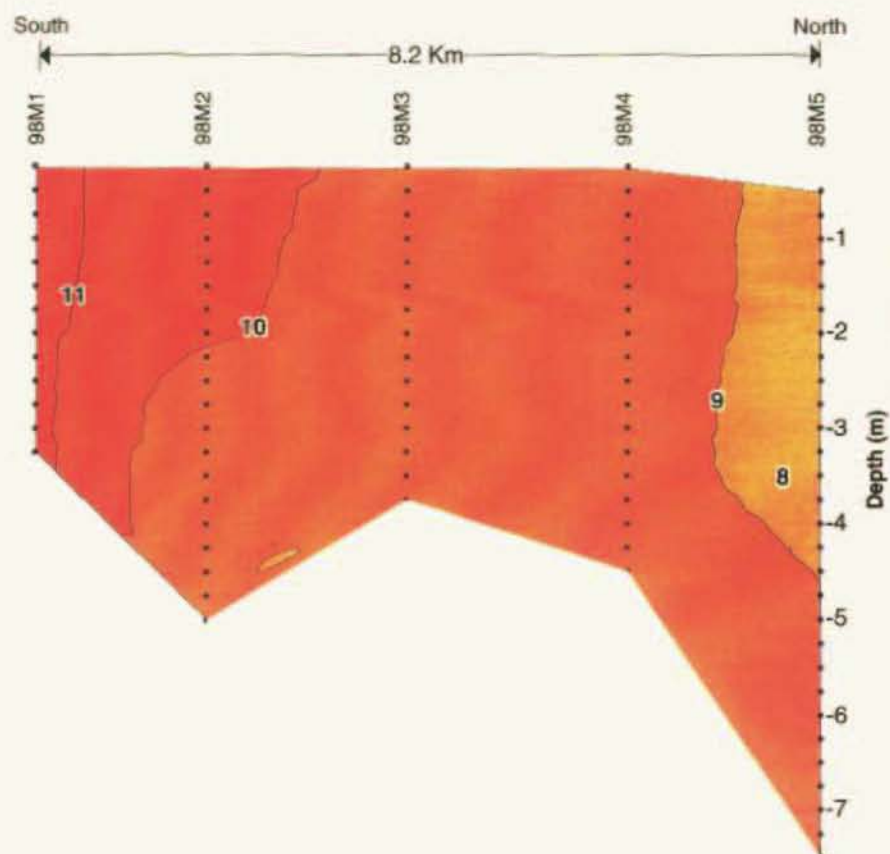
Salinity (ppt) Profile

Transect M



Temperature (Celsius) Profile

Transect M



Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

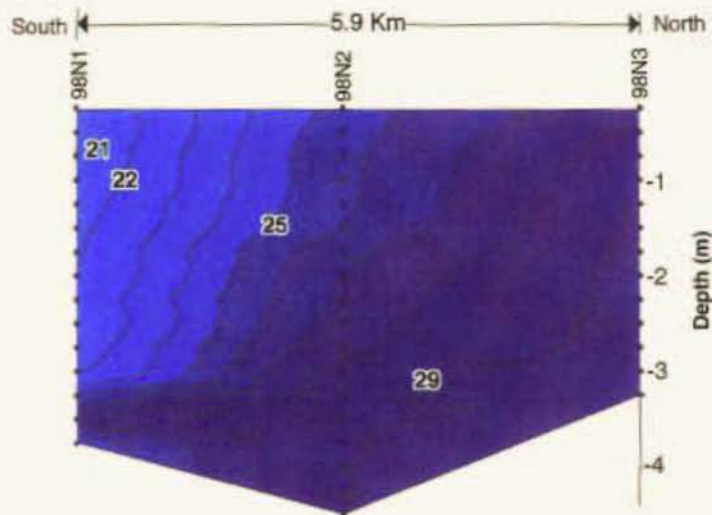
URS Greiner Woodward Clyde

Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect M: August 12, 1998

Figure
E-18

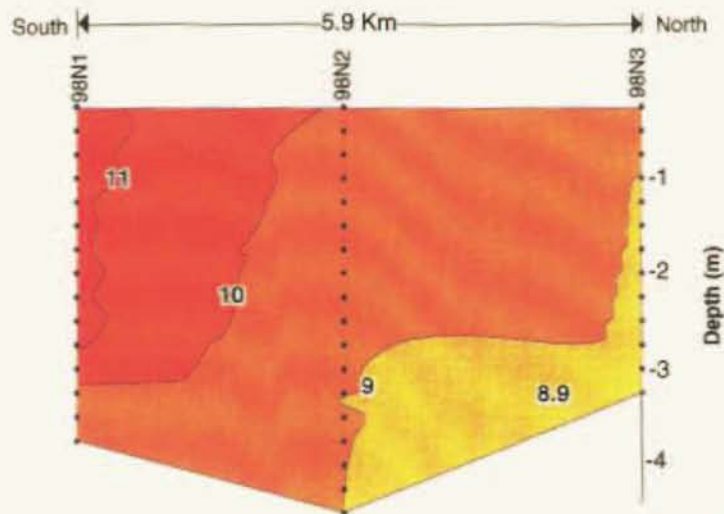
Salinity (ppt) Profile

Transect N



Temperature (Celsius) Profile

Transect N



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect N: August 12, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

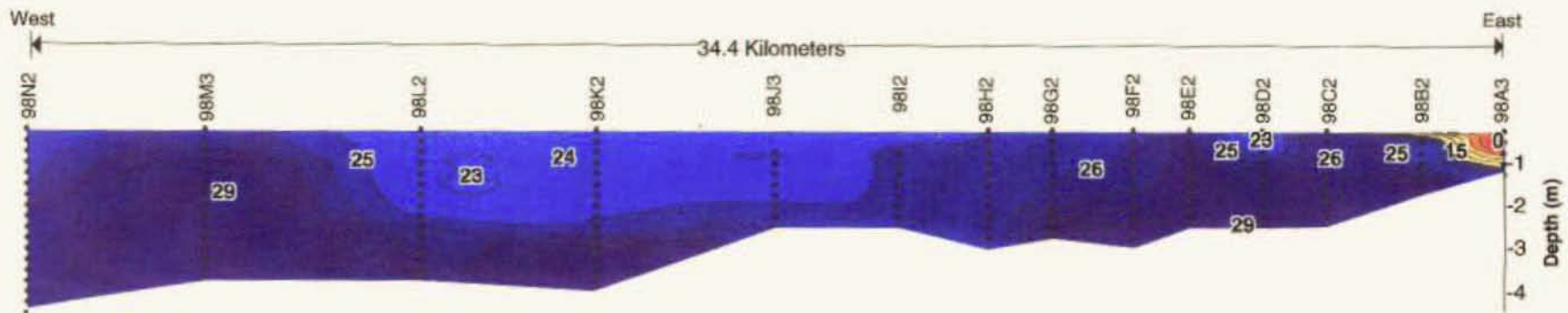
Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

URS Greiner Woodward Clyde

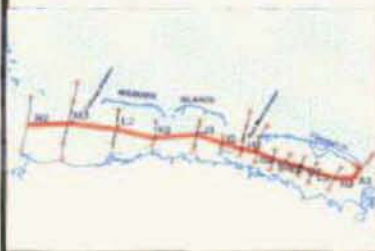
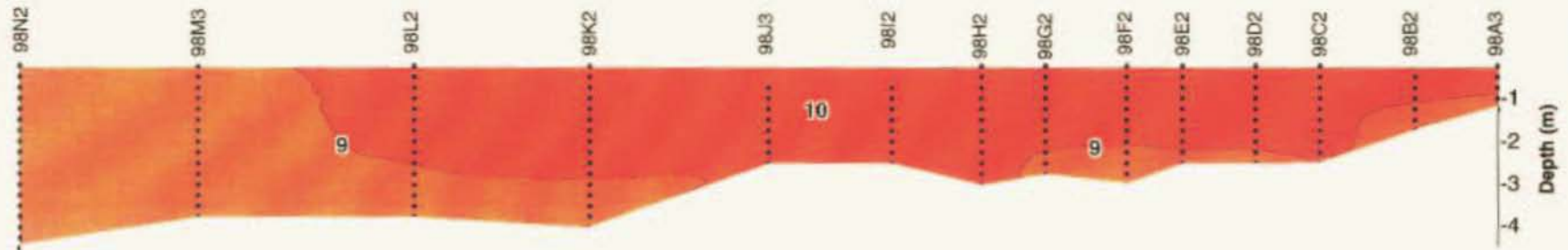
**Figure
E-19**

Cross Sectional Transect

Salinity (ppt) Profile



Temperature (Celsius) Profile

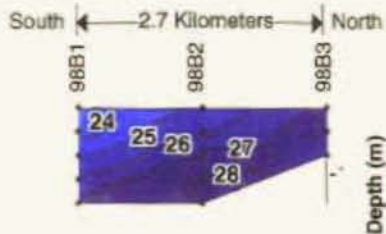


Vertical Sample Interval: 0.25 m
 Vertical Exaggeration: 1000:1
 Temperature Contour Interval: 1° Celsius
 Salinity Contour Interval: 1 part per thousand

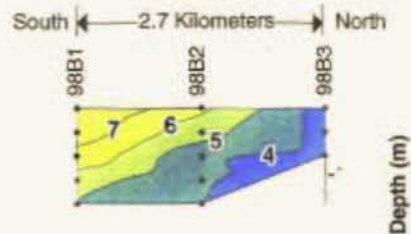
Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Cross Sectional Transect: August 12, 1998

Figure
E-20

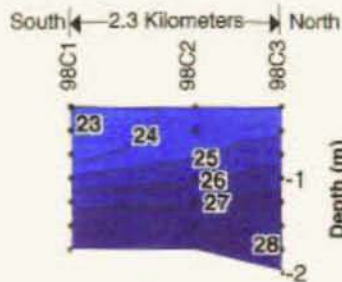
**Salinity (ppt) Profiles
Transect B**



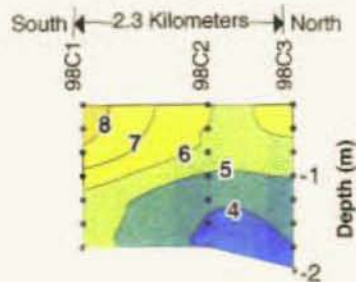
**Temperature (Celsius) Profiles
Transect B**



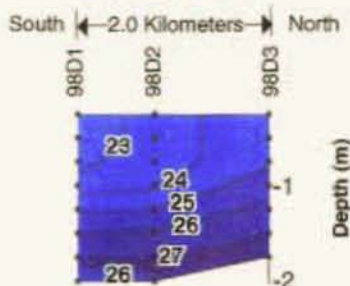
Transect C



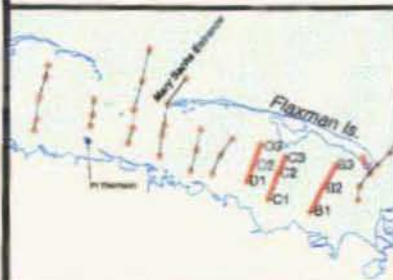
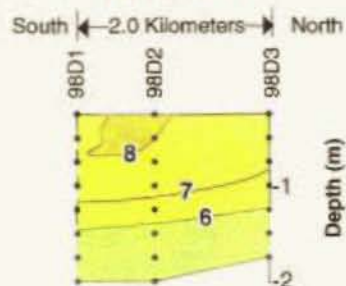
Transect C



Transect D



Transect D



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects B, C, & D: August 25, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

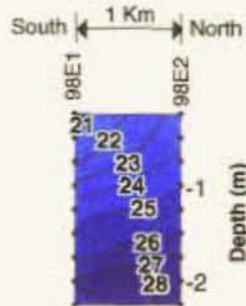
**Figure
E-22**

URS Greiner Woodward Clyde

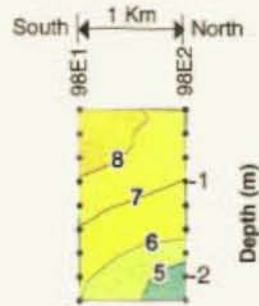
Salinity (ppt) Profiles

Temperature (Celsius) Profiles

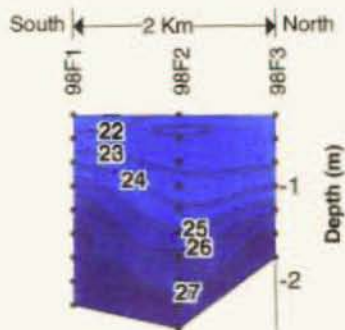
Transect E



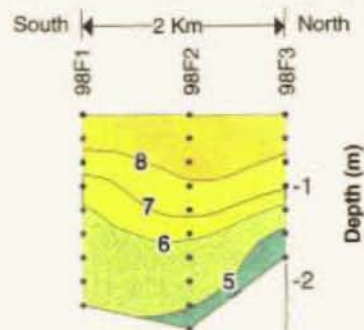
Transect E



Transect F



Transect F



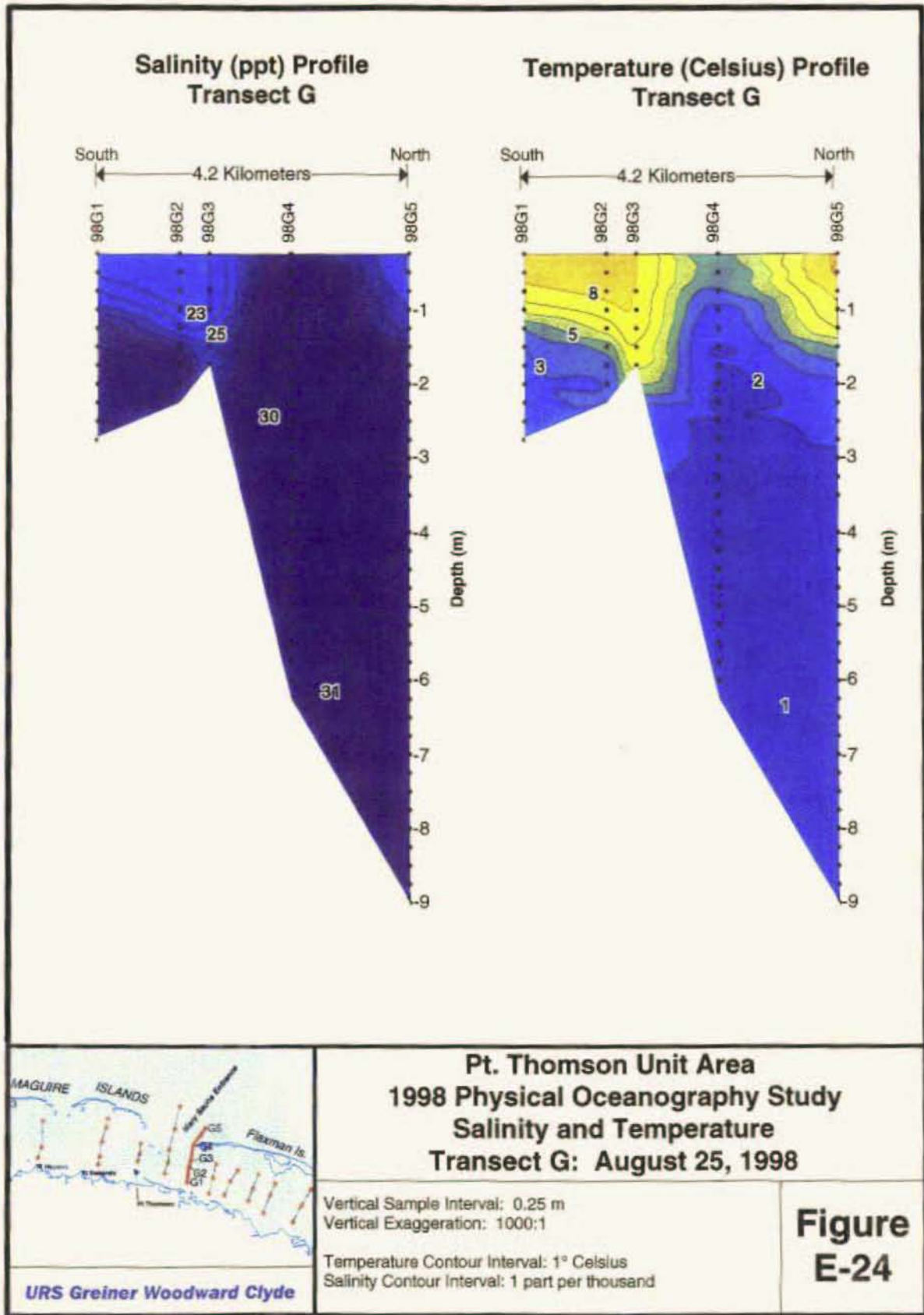
**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects E & F: August 25, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

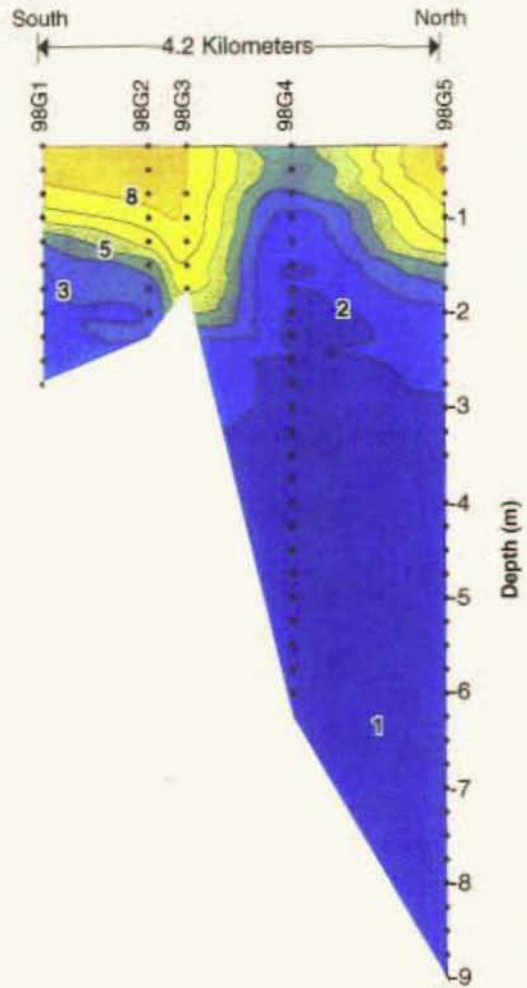
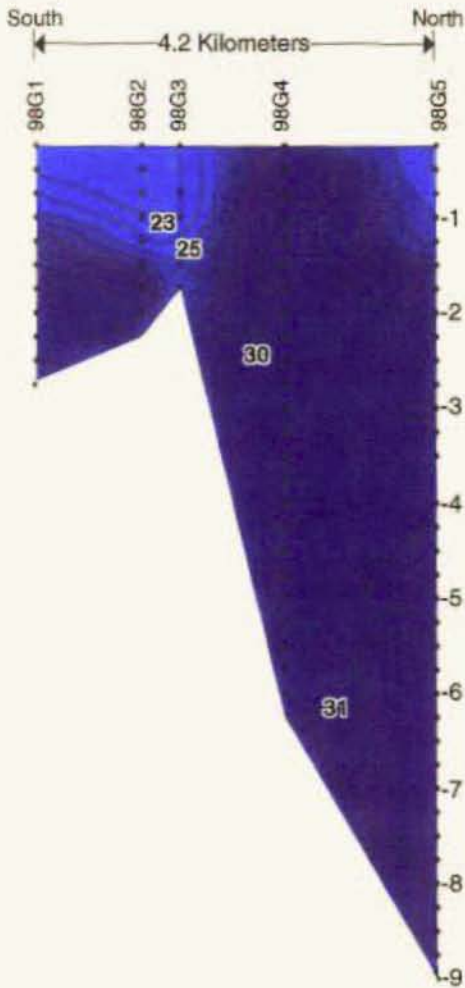
**Figure
E-23**

URS Greiner Woodward Clyde



**Salinity (ppt) Profile
Transect G**

**Temperature (Celsius) Profile
Transect G**



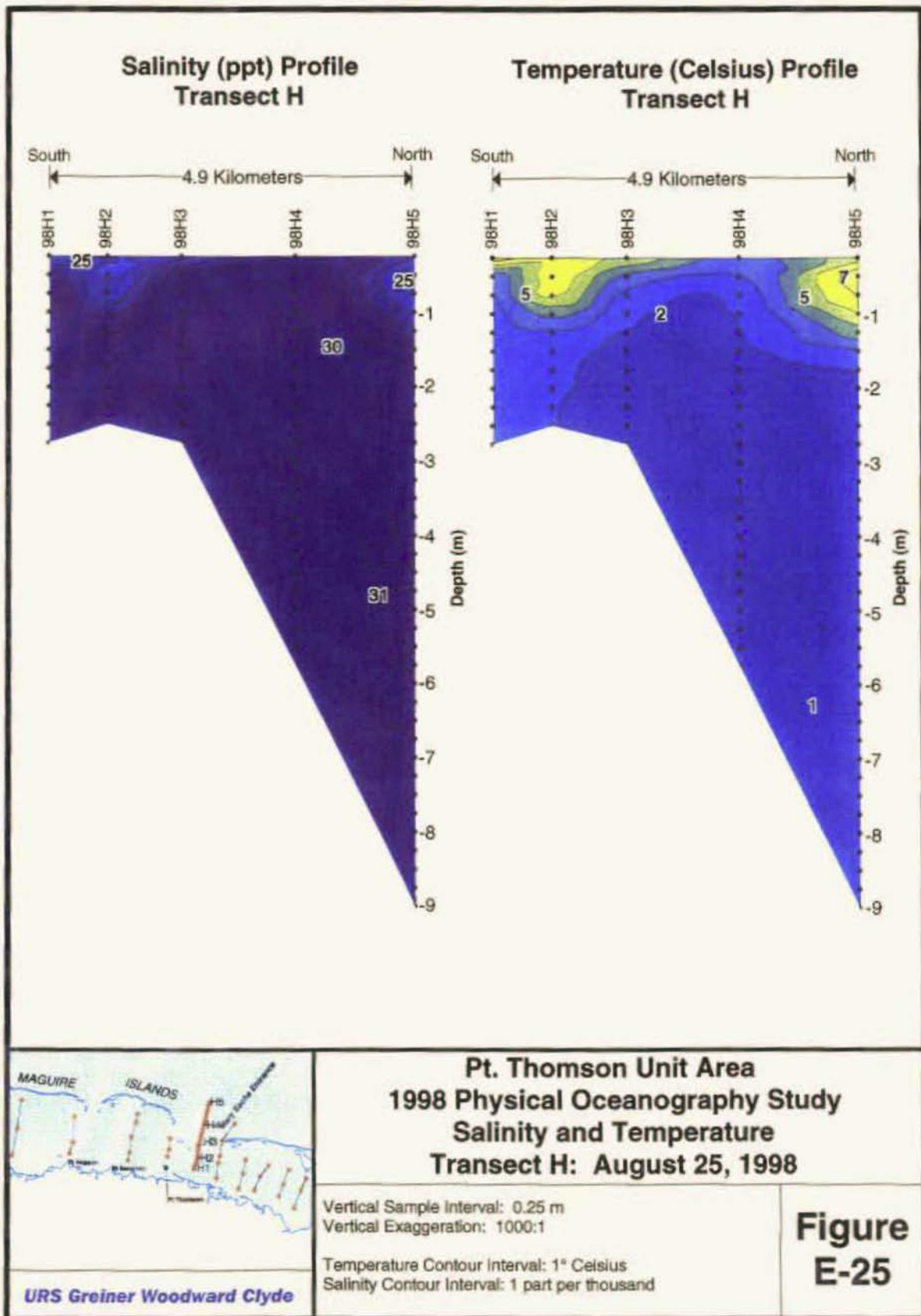
**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect G: August 25, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

**Figure
E-24**

URS Greiner Woodward Clyde



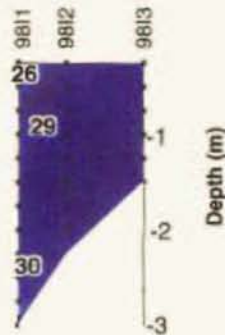
c:\proj\011\w01\00002na\q\0101\transect\ptad\25AUG\25AUG.H.wor

Salinity (ppt) Profiles

Temperature (Celsius) Profiles

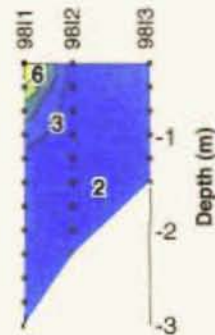
Transect I

South ← 1.3 Km → North



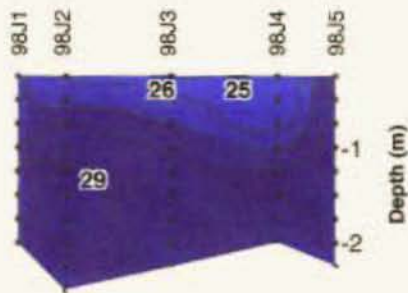
Transect I

South ← 1.3 Km → North



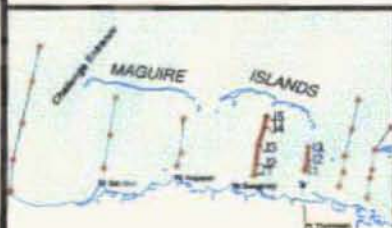
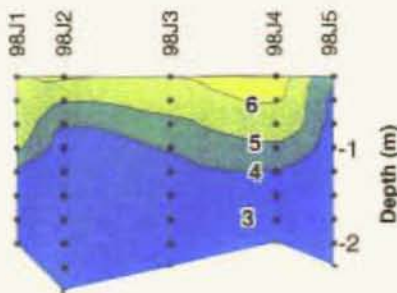
Transect J

South ← 3.3 Km → North



Transect J

South ← 3.3 Km → North



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects I & J: August 25, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

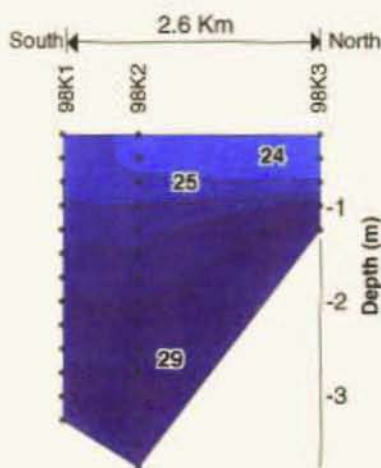
**Figure
E-26**

URS Greiner Woodward Clyde

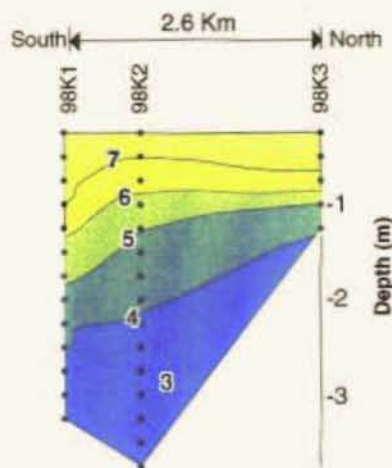
Salinity (ppt) Profiles

Temperature (Celsius) Profiles

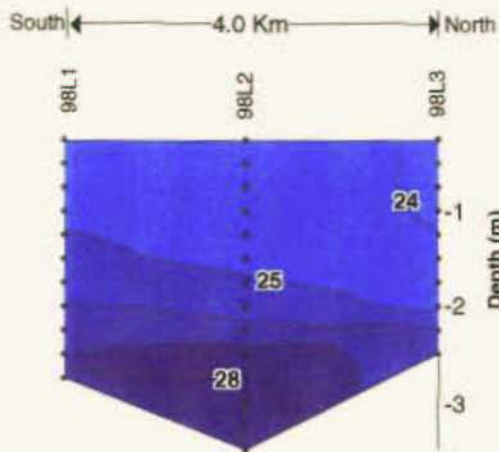
Transect K



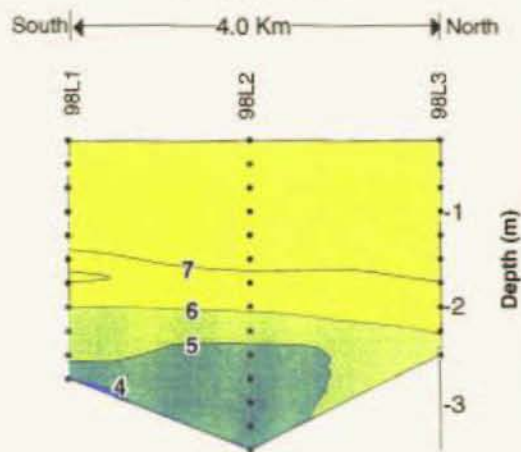
Transect K



Transect L



Transect L



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects K & L: August 25, 1998**

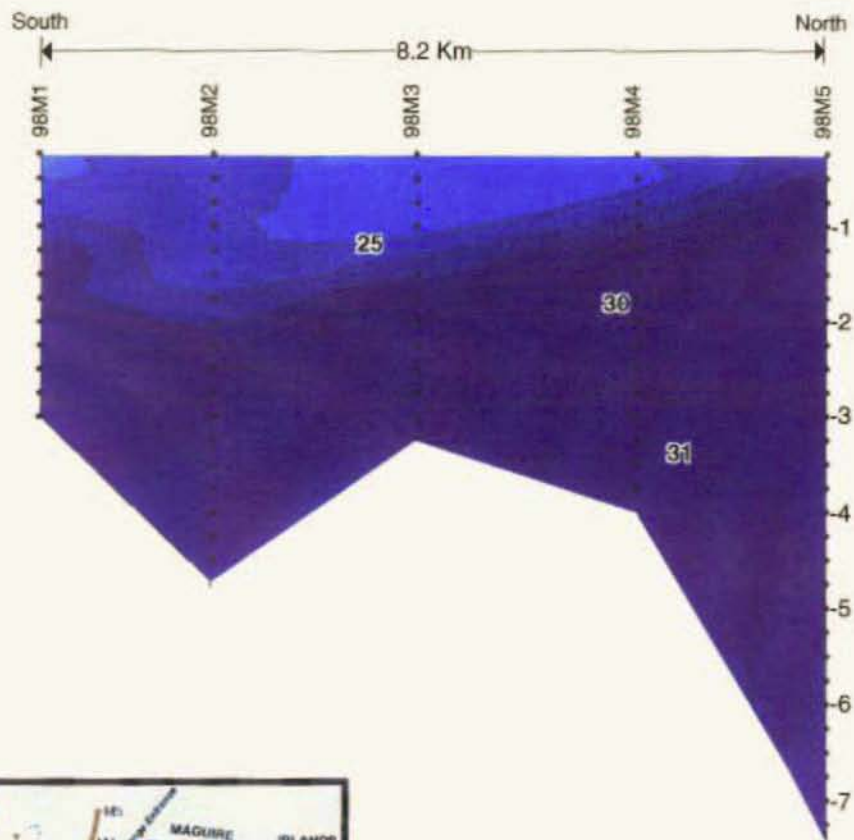
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

**Figure
E-27**

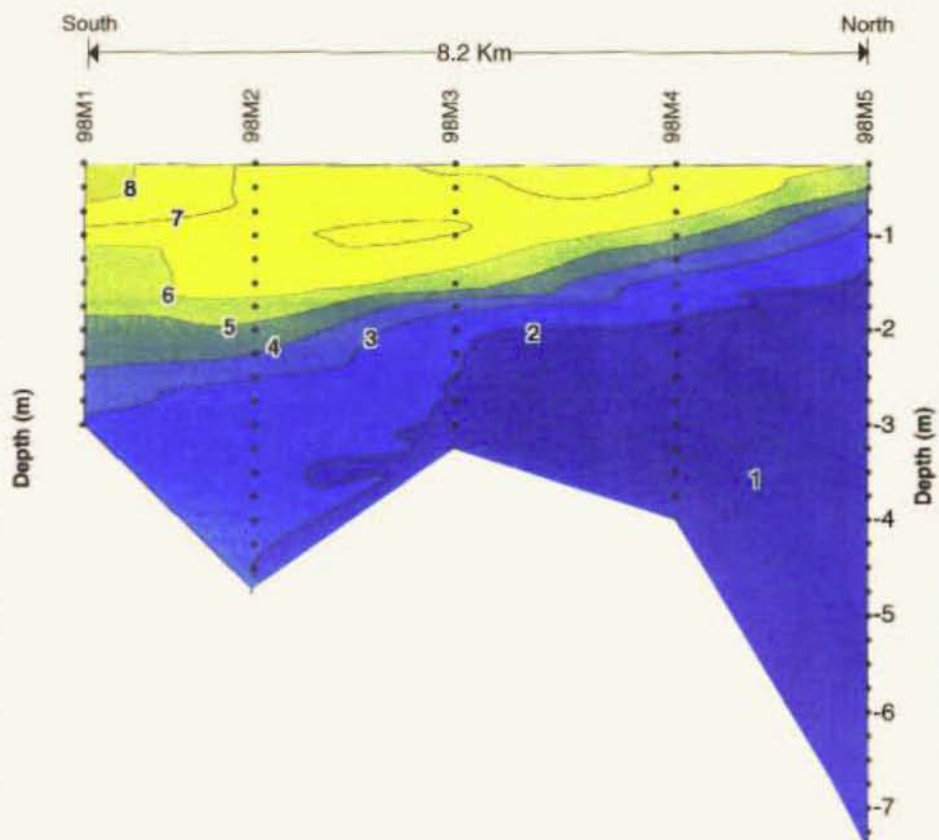
Salinity (ppt) Profile

Transect M



Temperature (Celsius) Profile

Transect M



Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

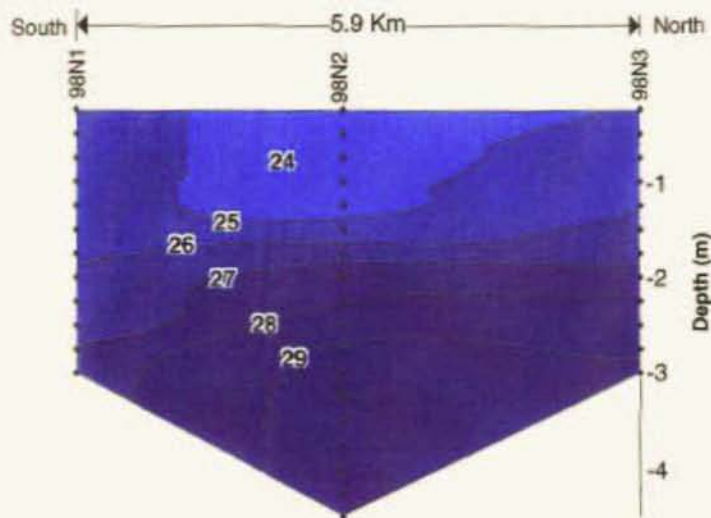
Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

URS Greiner Woodward Clyde

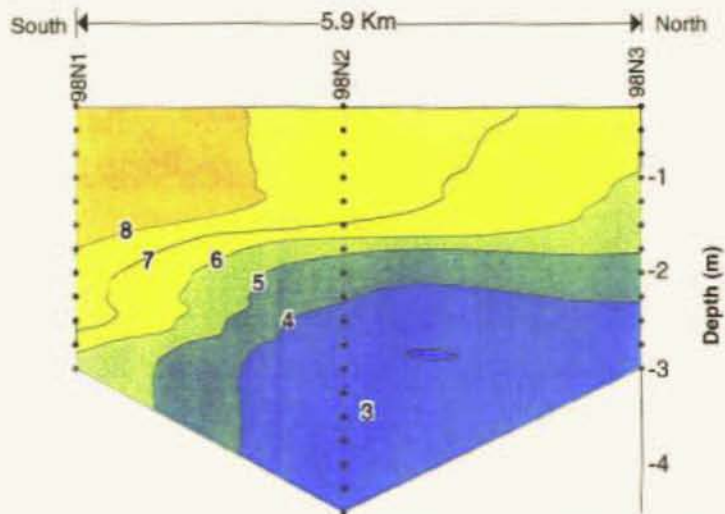
Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect M: August 25, 1998

Figure
E-28

**Salinity (ppt) Profile
Transect N**



**Temperature (Celsius) Profile
Transect N**



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect N: August 25, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

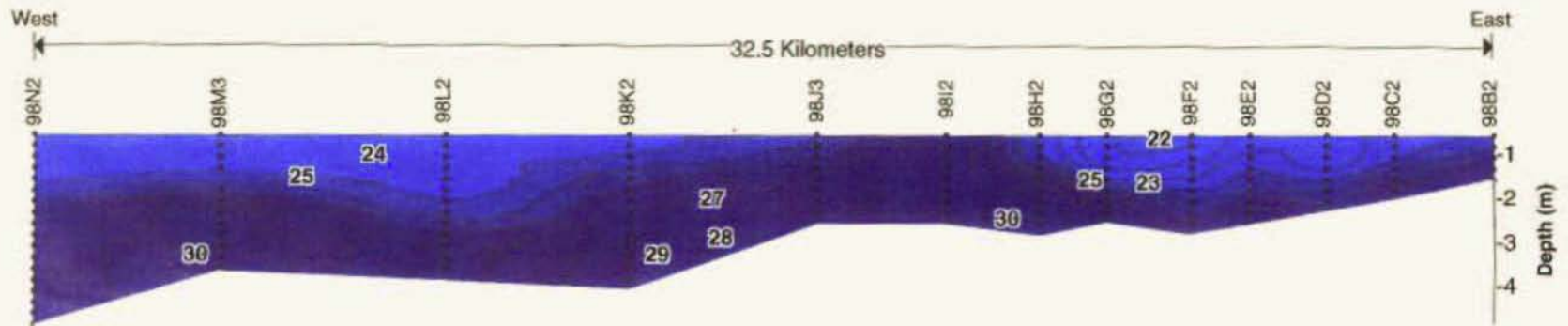
Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

**Figure
E-29**

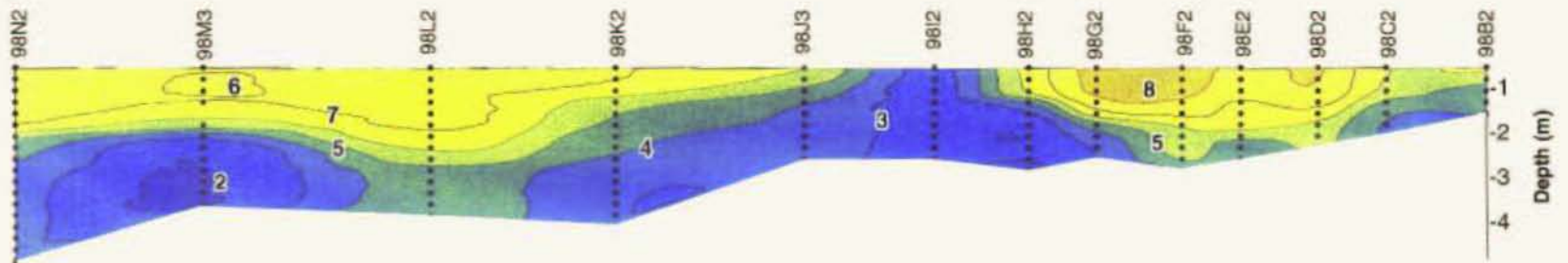
URS Greiner Woodward Clyde

Cross Sectional Transect

Salinity (ppt) Profile



Temperature (Celsius) Profile



URS Greiner Woodward Clyde

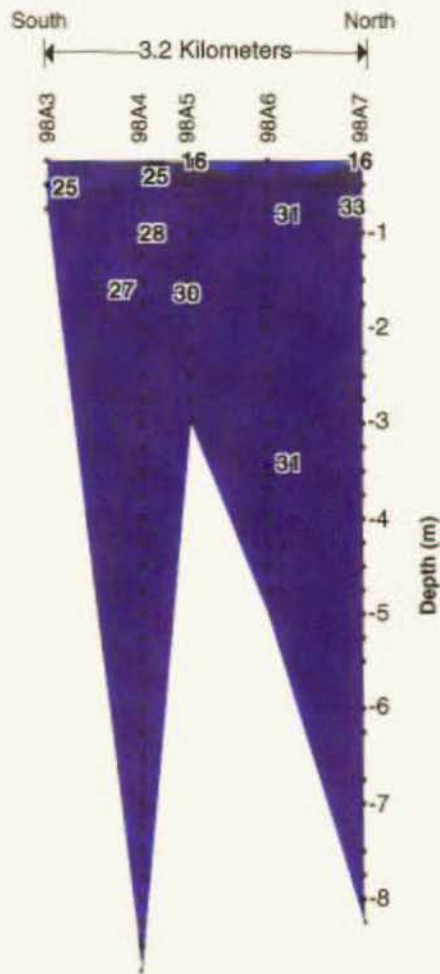
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

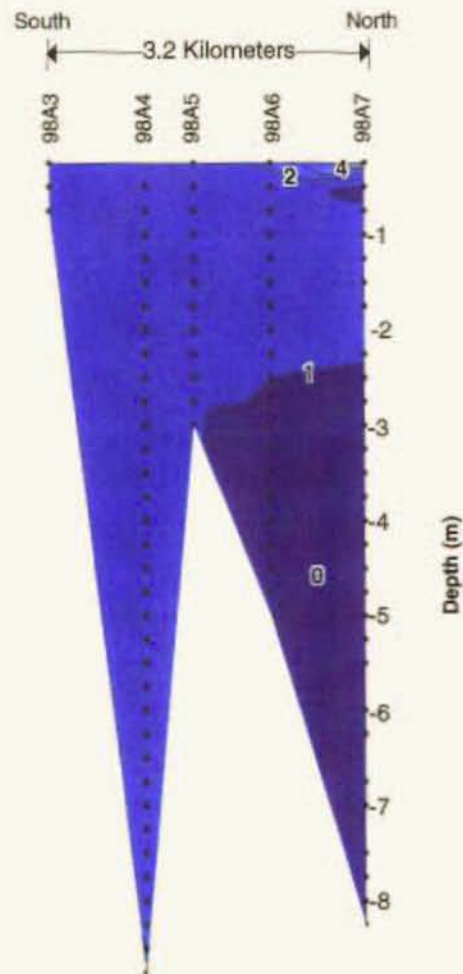
Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect A: August 25, 1998

Figure
E-30

**Salinity (ppt) Profile
Transect A**



**Temperature (Celsius) Profile
Transect A**



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect A: September 13, 1998**

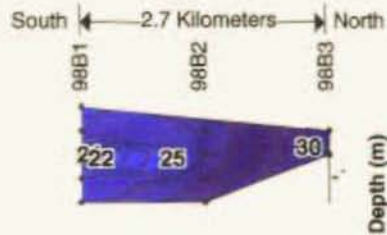
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

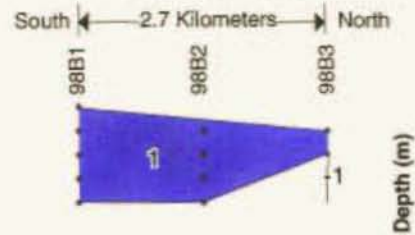
**Figure
E-31**

URS Greiner Woodward Clyde

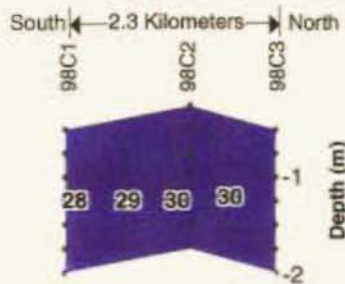
**Salinity (ppt) Profiles
Transect B**



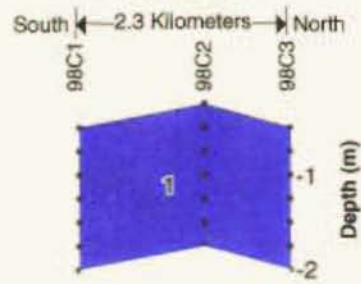
**Temperature (Celsius) Profiles
Transect B**



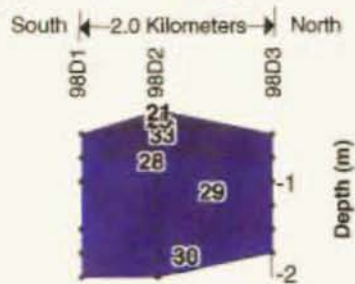
Transect C



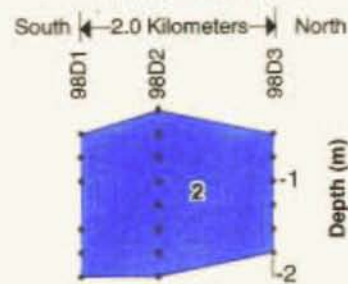
Transect C



Transect D



Transect D



URS Greiner Woodward Clyde

**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects B, C, & D: September 13, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

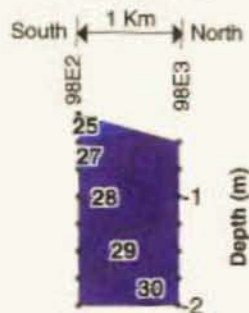
Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

**Figure
E-32**

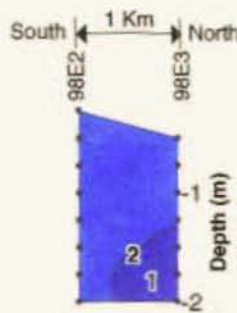
Salinity (ppt) Profiles

Temperature (Celsius) Profiles

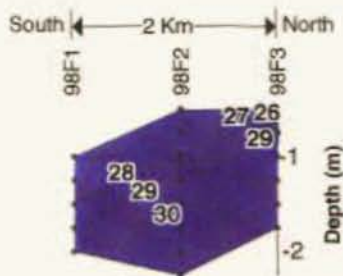
Transect E



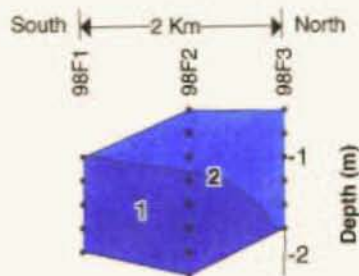
Transect E



Transect F



Transect F



Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects E & F: September 13, 1998

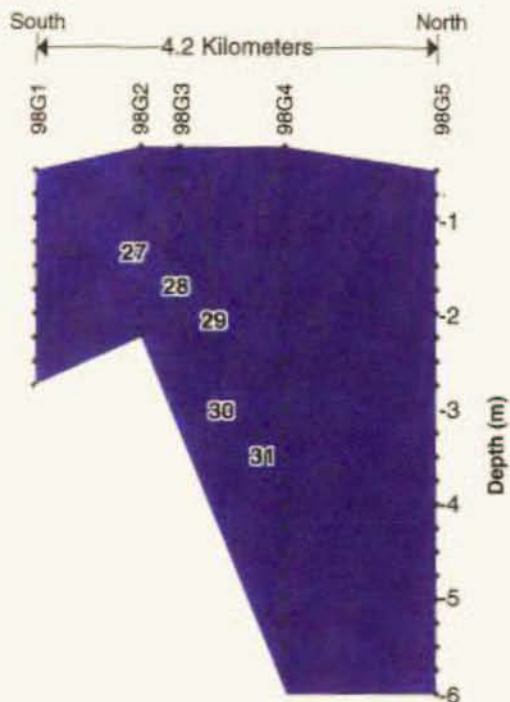
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

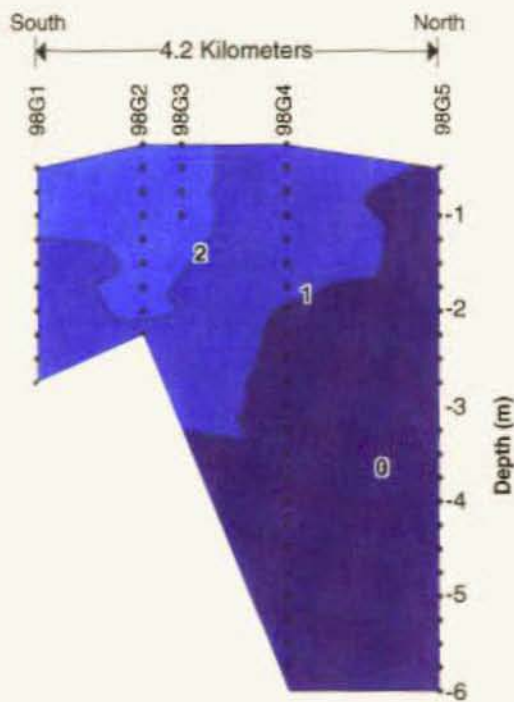
Figure
E-33

URS Greiner Woodward Clyde

**Salinity (ppt) Profile
Transect G**



**Temperature (Celsius) Profile
Transect G**



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect G: September 13, 1998**

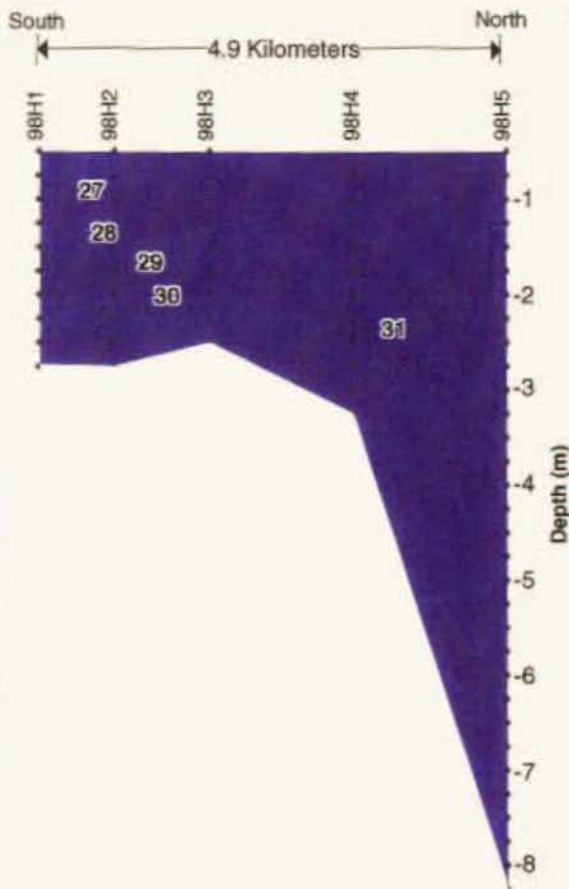
Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

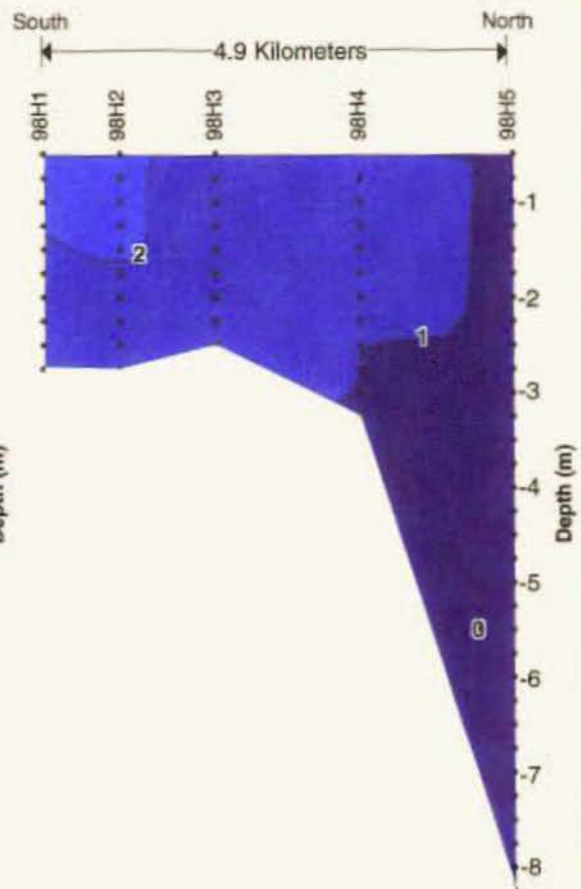
**Figure
E-34**

URS Greiner Woodward Clyde

**Salinity (ppt) Profile
Transect H**



**Temperature (Celsius) Profile
Transect H**



**Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transect H: September 13, 1998**

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

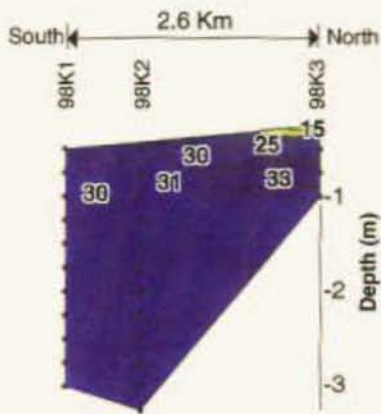
**Figure
E-35**

URS Greiner Woodward Clyde

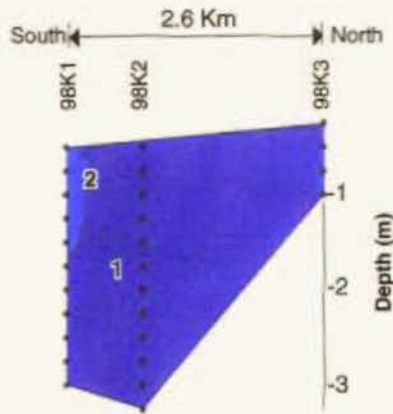
Salinity (ppt) Profiles

Temperature (Celsius) Profiles

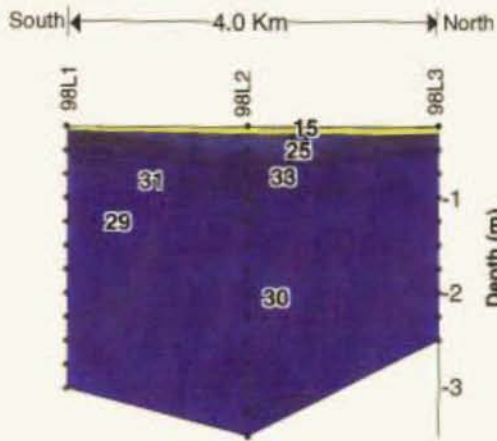
Transect K



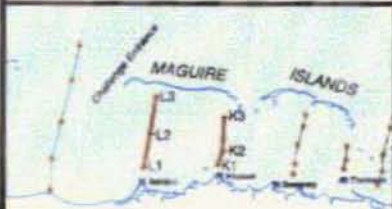
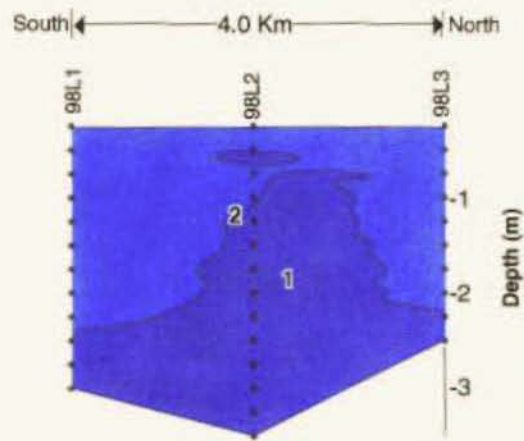
Transect K



Transect L



Transect L



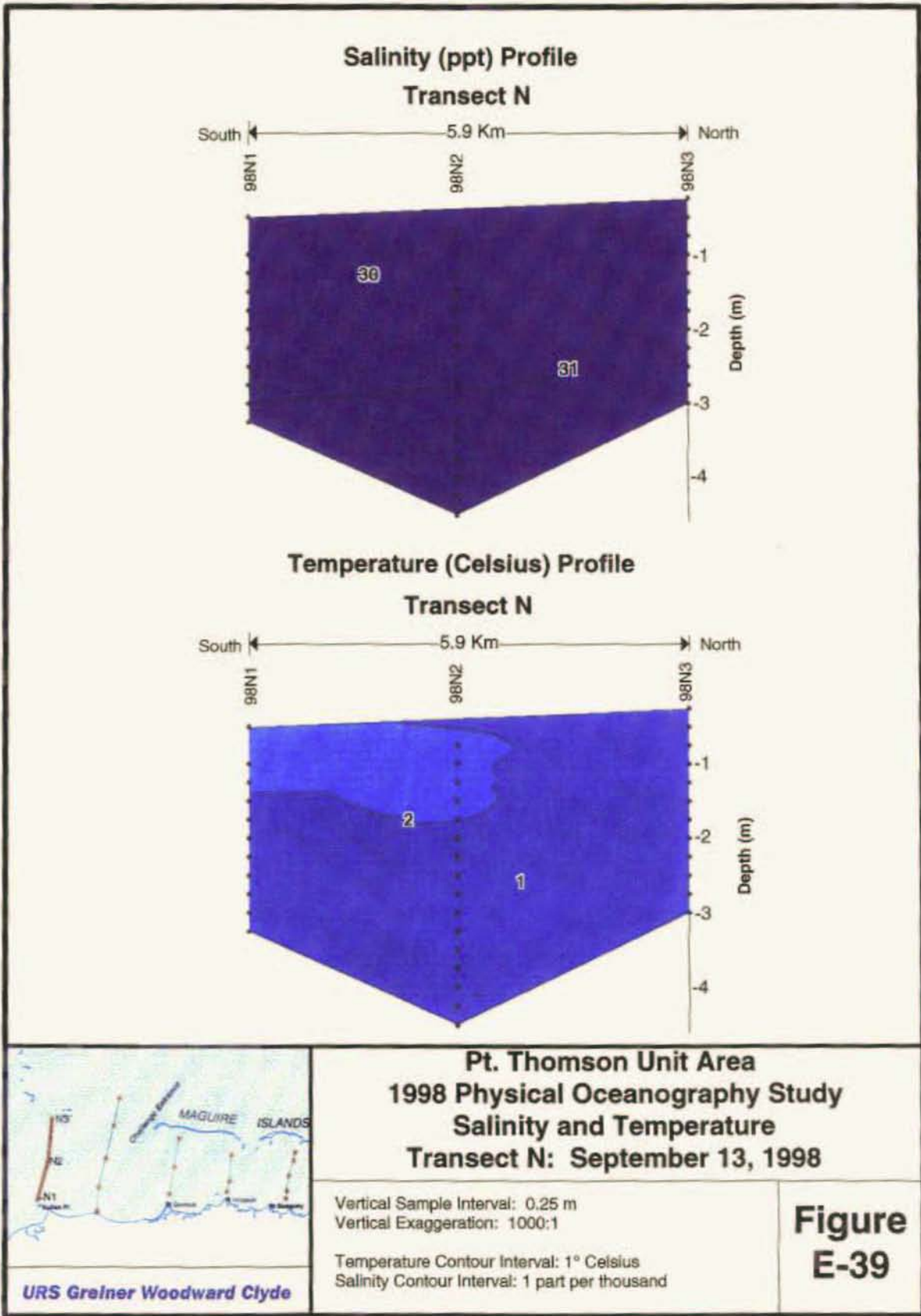
Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Transects K & L: September 13, 1998

Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

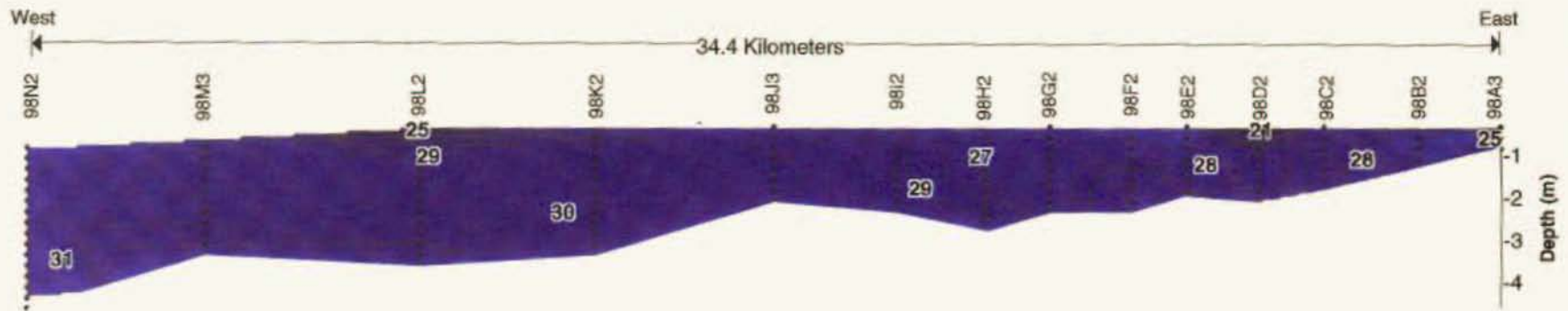
Figure
E-37

URS Greiner Woodward Clyde

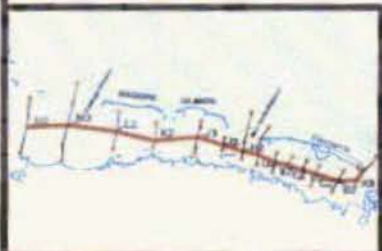
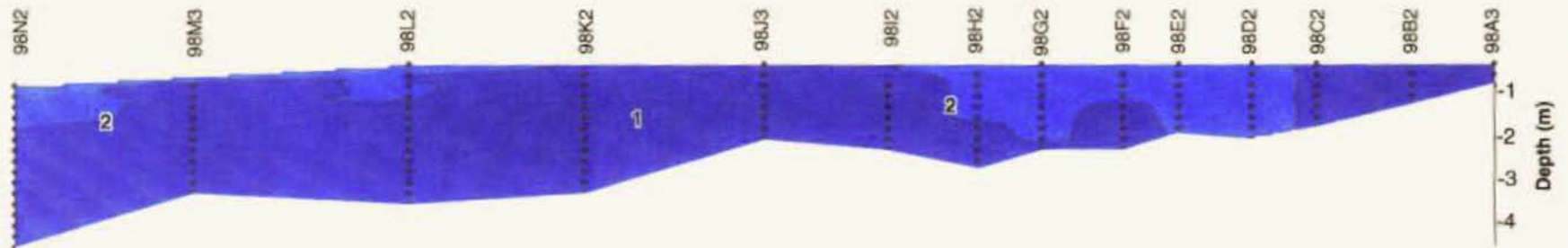


Cross Sectional Transect

Salinity (ppt) Profile



Temperature (Celsius) Profile



Vertical Sample Interval: 0.25 m
Vertical Exaggeration: 1000:1

Temperature Contour Interval: 1° Celsius
Salinity Contour Interval: 1 part per thousand

Pt. Thomson Unit Area
1998 Physical Oceanography Study
Salinity and Temperature
Cross Sectional Transect: September 13, 1998

Figure
E-40

Appendix F
1998 In Situ Water Quality and Water Chemistry Results

Wednesday, July 29, 1998

Sample ID	Sample Depth (ft)	ANALYTICAL RESULTS										FIELD MEASUREMENTS					
		Arsenic (mg/L)	Barium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Mercury (mg/L)	TSS (mg/L)	TOC (mg/L)	COD (mg/L)	BOD (mg/L)	DOi (mg/L)	DO (mg/L)	Temperature (C)	Salinity (ppt)	Conductivity (mS/cm)	pH	Turbidity (NTU)
FLW-CMA	3	ND (0.01)	0.015	ND (0.005)	ND (0.005)	ND (0.0002)	16.6	1.3	850	ND (2)	9.73	13.4	7.3	30.2	48.1	7.5	11
FLW-CMB	5	ND (0.01)	0.015	ND (0.005)	ND (0.005)	ND (0.0002)	16.8	1.2	420	ND (2)	9.95	13.5	7.4	30.5	48.4	7.6	11
FLW-CMC	9	ND (0.01)	0.016	ND (0.005)	ND (0.005)	ND (0.0002)	21.2	1.2	660	ND (2)	9.54	13.4	7.4	30.2	48.0	7.6	13
Daily Average:		---	0.015	---	---	---	18.2	1.2	643	---	9.74	13.4	7.4	30.3	48.2	7.6	12
Daily Minimum:		---	0.015	---	---	---	16.6	1.2	420	---	9.54	13.4	7.3	30.2	48.0	7.5	11
Daily Maximum:		---	0.016	---	---	---	21.2	1.3	850	---	9.95	13.5	7.4	30.5	48.4	7.6	13

Notes: NS indicates the corresponding parameter was Not Sampled/measured.
 NA indicates the parameter was Not Analyzed.
 ND() indicates the analyte was Not Detected at the specified limit shown in parentheses.
 Average, Minimum, and Maximum values are calculated using the detection limit where ND is indicated.

TSS = Total Suspended Solids
 TOC = Total Organic Carbon
 COD = Chemical Oxygen Demand
 BOD = Biological Oxygen Demand
 DOi = Initial Dissolved Oxygen measured in the laboratory prior to BOD analyses.
 DO = Dissolved Oxygen measured in the field.

Friday, September 11, 1998

Sample ID	Sample Depth (ft)	ANALYTICAL RESULTS										FIELD MEASUREMENTS					
		Arsenic (mg/L)	Barium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Mercury (mg/L)	TSS (mg/L)	TOC (mg/L)	COD (mg/L)	BOD (mg/L)	DOi (mg/L)	DO (mg/L)	Temperature (C)	Salinity (ppt)	Conductivity (mS/cm)	pH	Turbidity (NTU)
FLW-CMA	3	ND (0.01)	0.019	ND (0.005)	ND (0.005)	ND (0.0002)	57.3	1.4	535	ND (2)	10.40	9.5	2.9	26.7	24.6	7.9	31
FLW-CMB	4	ND (0.01)	0.019	ND (0.005)	ND (0.005)	ND (0.0002)	79.0	1.7	924	ND (2)	10.40	NS	NS	NS	NS	NS	NS
FLW-CMC	8	ND (0.01)	0.020	ND (0.005)	ND (0.005)	ND (0.0002)	68.6	1.4	1090	ND (2)	10.40	11.4	1.5	30.4	26.6	8.0	77
Daily Average:		---	0.019	---	---	---	68.3	1.5	850	---	10.40	10.5	2.2	28.5	25.6	7.9	54
Daily Minimum:		---	0.019	---	---	---	57.3	1.4	535	---	10.40	9.5	1.5	26.7	24.6	7.9	31
Daily Maximum:		---	0.020	---	---	---	79.0	1.7	1090	---	10.40	11.4	2.9	30.4	26.6	8.0	77
Project Average:		---	0.017	---	---	---	43.3	1.4	747	---	10.07	12.2	5.3	29.6	39.2	7.7	28
Project Minimum:		---	0.015	---	---	---	16.6	1.2	420	---	9.54	9.5	1.5	26.7	24.6	7.5	11
Project Maximum:		---	0.020	---	---	---	79.0	1.7	1090	---	10.40	13.5	7.4	30.5	48.4	8.0	77

Notes: NS indicates the corresponding parameter was Not Sampled/measured.
 NA indicates the parameter was Not Analyzed.
 ND() indicates the analyte was Not Detected at the specified limit shown in parentheses.
 Average, Minimum, and Maximum values are calculated using the detection limit where ND is indicated.

TSS = Total Suspended Solids
 TOC = Total Organic Carbon
 COD = Chemical Oxygen Demand
 BOD = Biological Oxygen Demand
 DOi = Initial Dissolved Oxygen measured in the laboratory prior to BOD analyses.
 DO = Dissolved Oxygen measured in the field.

FIELD MEASUREMENTS

Station_ID	Sample Depth (ft)	Water Depth (ft)	DO (mg/L)	Temperature (C)	Salinity (ppt)	Conductivity (mS/cm)	pH	Turbidity (NTU)	Wind Spd (mph)	Wind Dir.(mag)	Sea Ht. (ft)
Wednesday, July 29, 1998											
98FLW-CM	3	10	13.4	7.3	30.2	48.1	7.5	11	12	SW	NS
98FLW-CM	5	10	13.5	7.4	30.5	48.4	7.6	11	12	SW	NS
98FLW-CM	9	10	13.4	7.4	30.2	48.0	7.6	13	12	SW	NS
Daily Average:			13.4	7.4	30.3	48.2	7.6	12	12	---	---
Daily Minimum:			13.4	7.3	30.2	48.0	7.5	11	12	---	---
Daily Maximum:			13.5	7.4	30.5	48.4	7.6	13	12	---	---

Notes: NS indicates the corresponding parameter was Not Sampled/observed.

NA indicates the parameter was Not Analyzed and may be pending receipt of analytical results from the laboratory.

ND() indicates the analyte was Not Detected at the specified detection limit shown in parentheses.

Average, Minimum, and Maximum values are calculated using the detection limit where results indicate ND.

FIELD MEASUREMENTS

Station_ID	Sample Depth (ft)	Water Depth (ft)	DO (mg/L)	Temperature (C)	Salinity (ppt)	Conductivity (mS/cm)	pH	Turbidity (NTU)	Wind Spd (mph)	Wind Dir.(mag)	Sea Ht. (ft)
Wednesday, August 12, 1998											
98A2	3	4.5	11.1	9.8	13.5	28.7	8.0	173	4	NNE	1
98A3	3	3	11.1	10.4	5.5	9.2	7.9	75	4	NE	1
98A4	3	20.4	11.4	9.8	20.5	24.0	7.9	64	6	E	1
98A5	3	9.2	11.9	9.2	26.0	41.4	7.8	16	6	NE	1
98A6	3	18	12.3	8.6	26.1	41.7	7.7	2	4	ENE	1
98A7	3	29	12.6	8.7	25.2	41.0	6.8	1	4	ENE	1
98B2	3	5.6	11.5	10.5	24.1	38.8	8.0	10	3	NNE	1
98C2	3	7.1	11.4	10.9	26.5	42.0	8.0	5	6	N	1
98D2	3	7.6	11.4	11.0	26.1	40.8	8.1	7	7	NE	1
98E2	3	8.5	11.3	10.9	27.4	43.2	8.1	5	5	N	1
98F2	3	9.1	11.3	10.9	25.9	41.1	8.1	5	4.5	E	1
98G1	3	10.6	11.4	10.9	25.2	40.1	8.1	5	7	NE	1
98G2	3	8.6	11.4	10.7	25.9	41.1	8.1	4	7	NE	1
98G5	3	31.2	12.8	7.8	25.5	41.0	8.1	0	2	NNE	1
98H2	3	10	11.3	10.6	25.4	40.4	8.1	4	7	NE	1
98H5	3	29.1	12.4	8.4	26.8	42.8	8.2	0	6.5	E	1
98I2	3	8.1	11.2	10.6	25.3	40.4	8.1	4	5	E	1
98J3	3	8.4	11.1	10.8	24.2	38.7	8.1	5	1	NE	0
98K2	3	13	10.9	10.5	24.7	39.5	8.1	5	0	Calm	0
98L2	3	12.5	11.1	10.5	24.5	39.2	8.1	5	0	Calm	0
98M3	3	12.2	10.6	9.2	29.5	46.6	8.0	5	0	Calm	0
98N2	3	15.4	11.4	9.9	25.6	40.8	8.1	4	2	NNW	2
Daily Average:			11.5	10.0	24.1	38.3	8.0	18	4	---	1
Daily Minimum:			10.6	7.8	5.5	9.2	6.8	---	0	---	0
Daily Maximum:			12.8	11.0	29.5	46.6	8.2	173	7	---	2

Notes: NS indicates the corresponding parameter was Not Sampled/observed.
 NA indicates the parameter was Not Analyzed and may be pending receipt of analytical results from the laboratory.
 ND() indicates the analyte was Not Detected at the specified detection limit shown in parentheses.
 Average, Minimum, and Maximum values are calculated using the detection limit where results indicate ND.

FIELD MEASUREMENTS

Station_ID	Sample Depth (ft)	Water Depth (ft)	DO (mg/L)	Temperature (C)	Salinity (ppt)	Conductivity (mS/cm)	pH	Turbidity (NTU)	Wind Spd (mph)	Wind Dir.(mag)	Sea Ht. (ft)
Tuesday, August 25, 1998											
98A7	3	30	12.0	8.8	23.8	26.2	8.3	4	5	N	NS
98B2	3	4.4	14.8	4.5	27.6	26.4	8.3	22	0	Calm	NS
98C2	3	6.2	13.1	6.5	24.5	25.0	8.4	13	0	Calm	NS
98D2	3	7	14.1	7.8	22.9	25.0	8.0	3	0	Calm	NS
98E2	3	8	14.0	7.3	23.9	25.4	7.9	6	5	N	NS
98F2	3	8	12.3	8.3	23.0	25.0	8.2	11	5	N	NS
98G1	3	10	14.1	7.5	24.0	25.6	8.2	11	0	N	NS
98G2	3	7.9	14.1	8.5	21.5	23.7	8.3	10	5	N	NS
98G5	3	33	12.4	8.3	24.2	25.9	8.3	19	5	N	NS
98H2	3	9.1	12.3	4.0	26.7	25.9	8.4	13	5	NNW	NS
98H3	3	8.1	13.3	3.5	28.0	26.2	8.3	16	5	NNW	NS
98H5	3	32	13.2	3.8	27.6	26.3	8.3	23	5	NNW	NS
98I2	3	7.7	14.3	2.8	28.9	26.3	8.4	33	5	NNW	NS
98J3	3	7.7	13.1	5.3	25.8	25.6	8.4	20	5	N	NS
98J4	3	7.2	17.0	5.6	25.3	25.3	8.4	10	7	NE	NS
98K2	3	11.5	13.0	7.5	23.8	25.2	8.4	7	6	NE	NS
98L2	3	12	12.7	7.3	23.9	25.3	8.1	6	6	NE	NS
98M3	3	11.8	15.1	7.1	23.9	25.1	8.1	13	6	N	NS
98N2	3	15.2	12.7	7.7	24.1	25.7	8.4	8	6	NE	NS

Daily Average:			13.6	6.4	24.9	25.5	8.3	13	4	---	---
Daily Minimum:			12.0	2.8	21.5	23.7	7.9	3	0	---	---
Daily Maximum:			17.0	8.8	28.9	26.4	8.4	33	7	---	---

Notes: NS indicates the corresponding parameter was Not Sampled/observed.
 NA indicates the parameter was Not Analyzed and may be pending receipt of analytical results from the laboratory.
 ND() indicates the analyte was Not Detected at the specified detection limit shown in parentheses.
 Average, Minimum, and Maximum values are calculated using the detection limit where results indicate ND.

FIELD MEASUREMENTS

Station_ID	Sample Depth (ft)	Water Depth (ft)	DO (mg/L)	Temperature (C)	Salinity (ppt)	Conductivity (mS/cm)	pH	Turbidity (NTU)	Wind Spd (mph)	Wind Dir.(mag)	Sea Ht. (ft)
Friday, September 11, 1998											
98FLW-CM	3	8	9.5	2.9	26.7	24.6	7.9	31	5	Variable	NS
98FLW-CM	8	8	11.4	1.5	30.4	26.6	8.0	77	5	Variable	NS
Daily Average:			10.5	2.2	28.5	25.6	7.9	54	5	---	---
Daily Minimum:			9.5	1.5	26.7	24.6	7.9	31	5	---	---
Daily Maximum:			11.4	2.9	30.4	26.6	8.0	77	5	---	---

Notes: NS indicates the corresponding parameter was Not Sampled/observed.
 NA indicates the parameter was Not Analyzed and may be pending receipt of analytical results from the laboratory.
 ND() indicates the analyte was Not Detected at the specified detection limit shown in parentheses.
 Average, Minimum, and Maximum values are calculated using the detection limit where results indicate ND.

FIELD MEASUREMENTS

Station_ID	Sample Depth (ft)	Water Depth (ft)	DO (mg/L)	Temperature (C)	Salinity (ppt)	Conductivity (mS/cm)	pH	Turbidity (NTU)	Wind Spd (mph)	Wind Dir.(mag)	Sea Ht. (ft)
Sunday, September 13, 1998											
98A3	3	3	10.7	1.7	28.8	26.0	8.2	30	12	NE	1
98A6	3	17	10.8	1.3	29.4	25.7	8.2	23	6	NE	2
98A7	3	26.7	10.9	1.1	29.9	26.0	7.0	16	6	NE	2
98B2	3	4.3	10.9	1.6	25.6	23.0	7.8	5	12	NE	1
98C2	3	5.6	10.8	2.1	29.6	26.4	8.3	11	12	NE	1
98D2	3	6.3	11.0	2.3	27.6	25.0	5.8	18	12	NE	2
98E2	3	7	11.3	2.2	26.6	24.1	7.9	12	10	NE	2
98F2	3	7.2	10.5	2.1	27.9	25.0	5.5	11	11	NE	2
98G1	3	8.9	10.9	1.7	30.0	26.0	7.8	1	7	NE	2
98G2	3	7.3	11.2	2.2	27.0	24.3	7.9	18	11	NE	2
98G5	3	29.5	11.3	0.9	29.9	26.4	6.3	13	11	NE	3
98H2	3	9	10.4	2.1	27.4	24.7	7.9	12	7	NNE	2
98H3	3	8	10.9	1.5	29.6	26.0	7.9	23	10	NNE	3
98H5	3	28.5	11.2	0.8	30.5	26.3	7.7	15	11	NE	3
98I2	3	7.2	10.7	1.6	29.6	26.2	8.3	16	11	NE	2
98J3	3	7	11.2	1.8	29.4	26.1	8.1	11	6	NE	2
98K2	3	11	10.9	1.9	29.5	26.4	6.6	12	11	NE	2
98L2	3	11	10.3	2.2	29.3	26.4	6.9	11	6	NE	1
98M3	3	9	10.1	2.0	29.7	26.7	7.9	14	6	NE	2
98N2	3	15	9.7	2.1	29.8	26.7	5.5	10	6	NE	1
Daily Average:			10.8	1.8	28.9	25.7	7.4	14	9	---	2
Daily Minimum:			9.7	0.8	25.6	23.0	5.5	1	6	---	1
Daily Maximum:			11.3	2.3	30.5	26.7	8.3	30	12	---	3
Project Average:			11.9	6.1	26.2	30.9	7.9	16	6	---	1
Project Minimum:			9.5	0.8	5.5	9.2	5.5	---	0	---	0
Project Maximum:			17.0	11.0	30.5	48.4	8.4	173	12	---	3

Notes: NS indicates the corresponding parameter was Not Sampled/observed.
 NA indicates the parameter was Not Analyzed and may be pending receipt of analytical results from the laboratory.
 ND() indicates the analyte was Not Detected at the specified detection limit shown in parentheses.
 Average, Minimum, and Maximum values are calculated using the detection limit where results indicate ND.

Appendix G
1997 Station Positions

1997 Station Locations

Station ID	Degrees North Latitude	Degrees West Longitude	Station Activity
97A-2	70.1588	145.9677	CTD
97A-3	70.1647	145.9655	CTD
97A-4	70.1705	145.9518	CTD
97A-5	70.1747	145.9415	CTD
97A-6	70.1800	145.9240	CTD
97B-1	70.1533	146.0322	CTD
97B-2	70.1642	146.0153	CTD
97B-3	70.1743	145.9978	CTD
97C-1	70.1593	146.0885	CTD
97C-2	70.1708	146.0757	CTD
97C-3	70.1783	146.0657	CTD
97D-1	70.1672	146.1173	CTD
97D-2	70.1745	146.1092	CTD
97D-3	70.1840	146.0980	CTD
97E-1	70.1708	146.1633	CTD
97E-2	70.1795	146.1522	CTD
97E-3	70.1867	146.1367	CTD
97F-1	70.1720	146.1930	CTD
97F-2	70.1817	146.1848	CTD
97F-3	70.1907	146.1793	CTD
97G-1	70.1788	146.2342	CTD
97G-2	70.1887	146.2307	CTD
97G-3	70.1928	146.2273	CTD
97H-1	70.1847	146.2763	CTD
97H-2	70.1915	146.2697	CTD
97H-3	70.1998	146.2675	CTD
FL-CM	70.1714	145.9506	Current Meter
FL-TG	70.1753	145.9587	Tide Gauge
LL-CM	70.1667	146.1218	Current Meter
MET	70.1780	145.9608	Meteorological Station
MS-CM	70.1997	146.2683	Current Meter

Appendix H
1998 Station Positions

1998 Station Locations

Station ID	Degrees North Latitude	Degrees West Longitude	Station Activities
98A2	70.1588	145.9677	In-Situ Water Quality CTD
98A3	70.1647	145.9655	CTD In-Situ Water Quality
98A4	70.1705	145.9518	CTD In-Situ Water Quality
98A5	70.1747	145.9415	CTD In-Situ Water Quality
98A6	70.1800	145.9240	In-Situ Water Quality CTD
98A7	70.1869	145.9106	CTD In-Situ Water Quality
98B1	70.1533	146.0322	CTD
98B2	70.1642	146.0153	CTD In-Situ Water Quality
98B3	70.1743	145.9978	CTD
98C1	70.1593	146.0885	CTD
98C2	70.1708	146.0757	CTD In-Situ Water Quality
98C3	70.1783	146.0657	CTD
98D1	70.1672	146.1173	CTD
98D2	70.1745	146.1092	In-Situ Water Quality CTD
98D3	70.1840	146.0980	CTD
98E1	70.1708	146.1633	CTD
98E2	70.1795	146.1522	CTD In-Situ Water Quality
98E3	70.1867	146.1367	CTD
98F1	70.1720	146.1930	CTD
98F2	70.1817	146.1848	CTD In-Situ Water Quality
98F3	70.1907	146.1793	CTD
98FL-CM	70.1714	145.9506	CTD Current Meter
98FL-TG	70.1753	145.9586	Tide Gauge
98FLW-CM	70.1788	146.2342	CTD Current Meter In-Situ Water Quality Water Sampling
98G1	70.1788	146.2342	CTD In-Situ Water Quality
98G2	70.1887	146.2307	In-Situ Water Quality CTD
98G3	70.1928	146.2273	CTD
98G4	70.2028	146.2233	CTD

Station ID	Degrees North Latitude	Degrees West Longitude	Station Activities
98G5	70.2139	146.1992	CTD In-Situ Water Quality
98H1	70.1847	146.2763	CTD
98H2	70.1915	146.2697	CTD In-Situ Water Quality
98H3	70.1998	146.2675	CTD In-Situ Water Quality
98H4	70.2131	146.2572	CTD
98H5	70.2275	146.2475	CTD In-Situ Water Quality
98I1	70.1925	146.3267	CTD
98I2	70.1972	146.3231	CTD In-Situ Water Quality
98I3	70.2042	146.3217	CTD
98J1	70.1903	146.4017	CTD
98J2	70.1953	146.3987	CTD
98J3	70.2050	146.3949	CTD In-Situ Water Quality
98J4	70.2142	146.3861	In-Situ Water Quality CTD
98J5	70.2196	146.3831	CTD
98K1	70.1947	146.5153	CTD
98K2	70.2014	146.5082	CTD In-Situ Water Quality
98K3	70.2181	146.5056	CTD
98L1	70.1933	146.6236	CTD
98L2	70.2103	146.6142	CTD In-Situ Water Quality
98L3	70.2286	146.6056	CTD
98M1	70.1819	146.7611	CTD
98M2	70.1975	146.7583	CTD
98M3	70.2158	146.7447	CTD In-Situ Water Quality
98M4	70.2367	146.7297	CTD
98M5	70.2542	146.7186	CTD
98MET	70.1780	145.9608	Meteorological Station
98MS-CM	70.1997	146.2683	CTD Current Meter
98N1	70.1894	146.8731	CTD
98N2	70.2139	146.8536	CTD In-Situ Water Quality
98N3	70.2411	146.8461	CTD