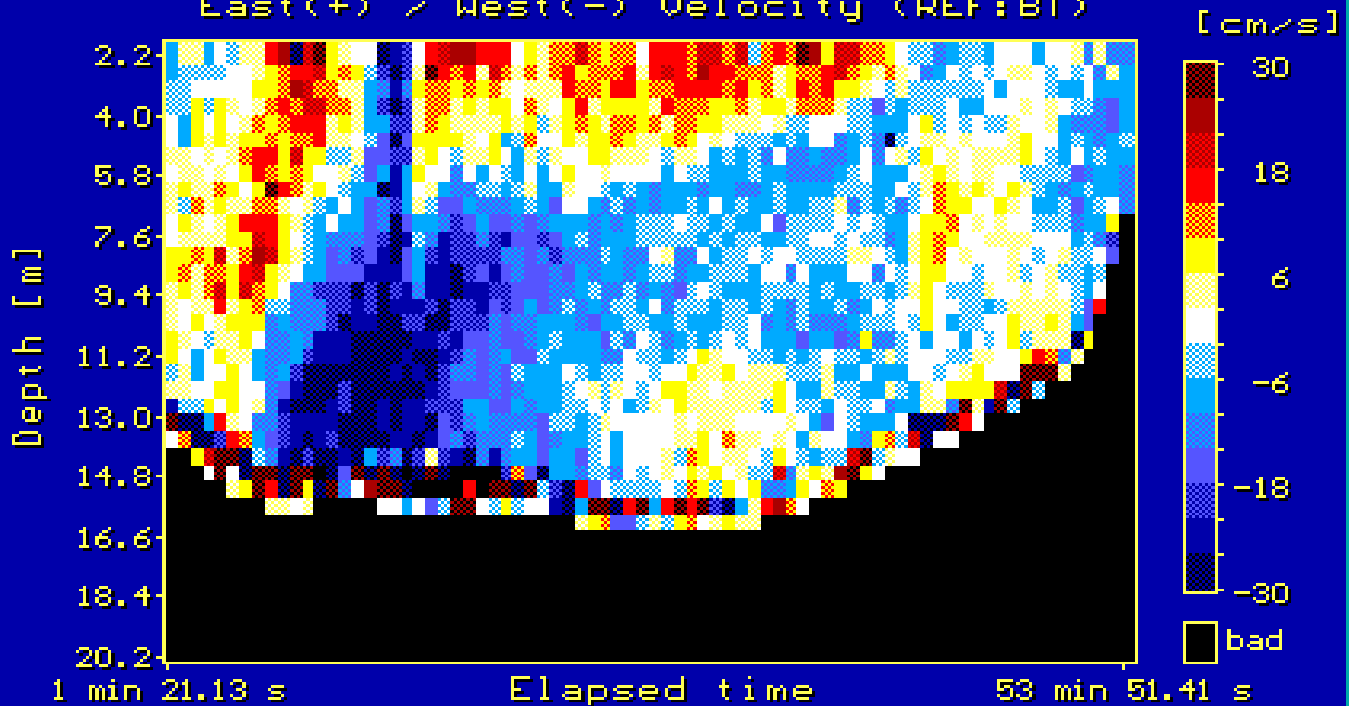

APPENDIX A
ADCP SECTIONS

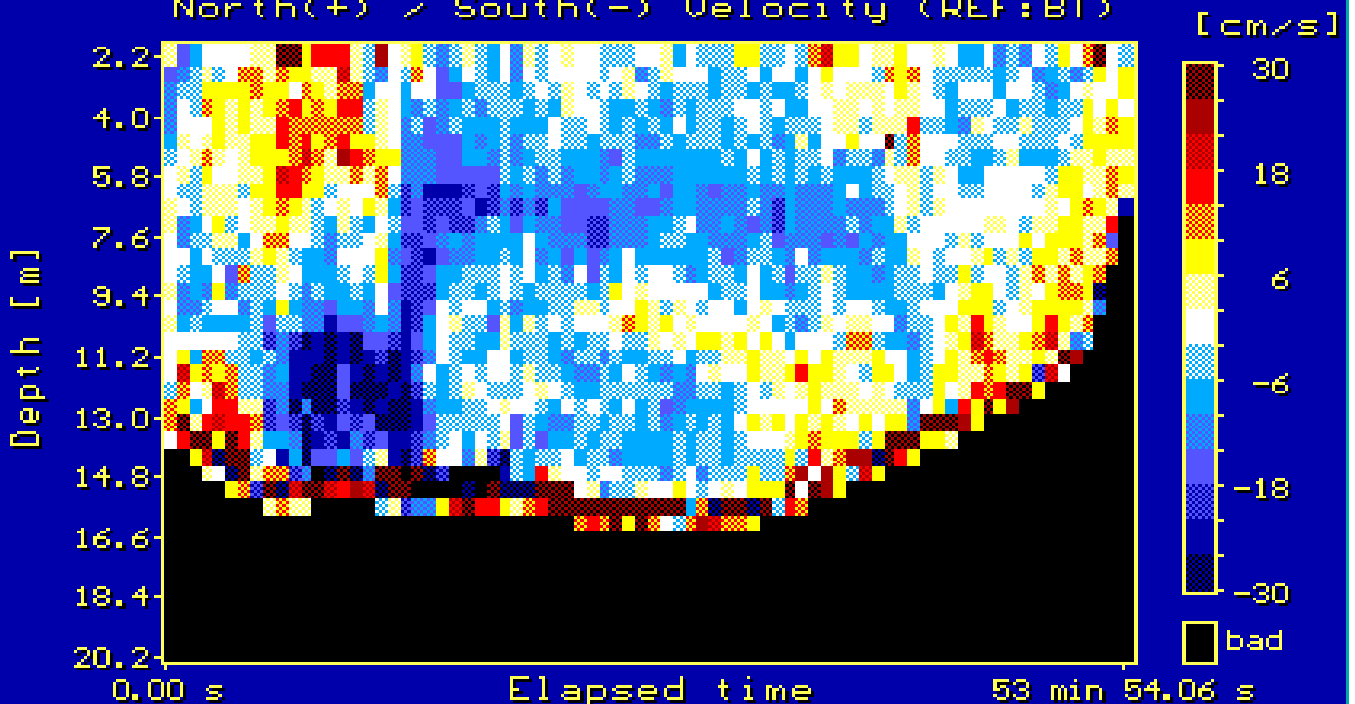
Semiahmoo Bay Measured Water Velocities
July 23, 2002 @ 20:17 hr. 3.980 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 23, 2002 @ 20:17 hr. 3.980 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

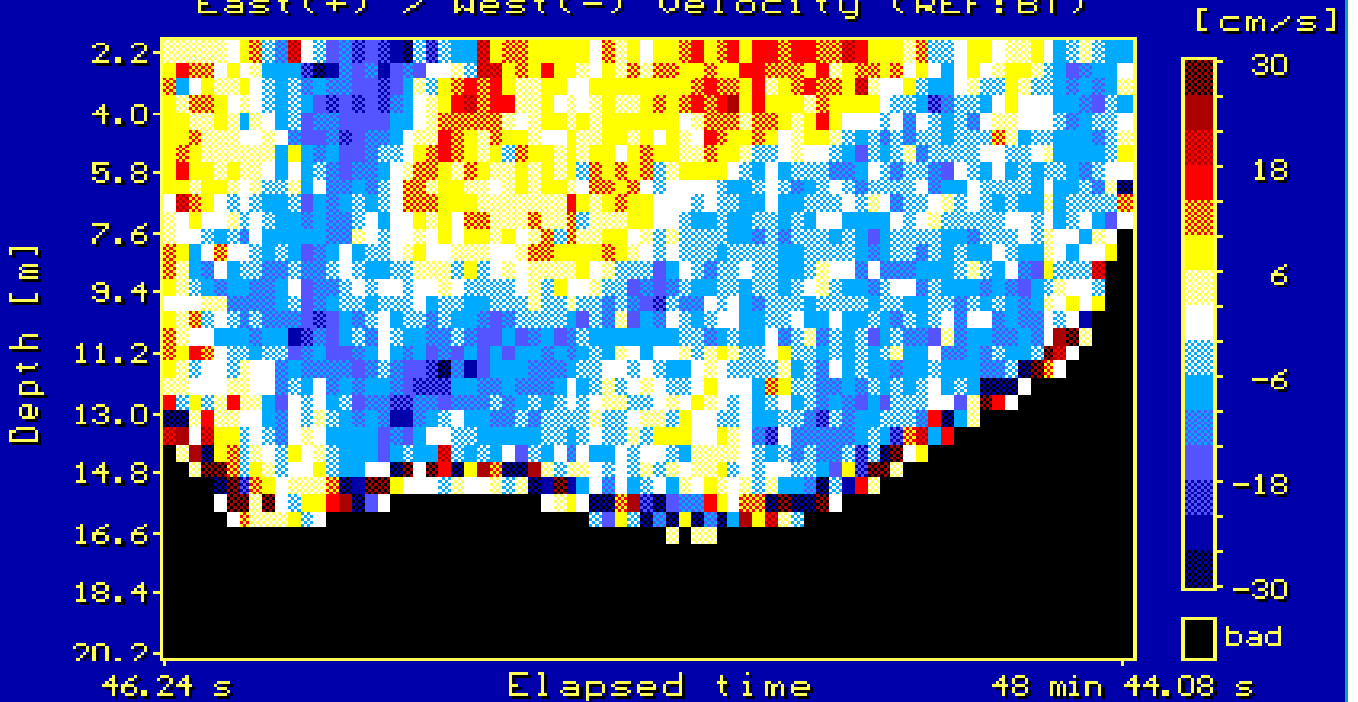
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 23/02 @ 20:17 HR.**

FIG.
A-1

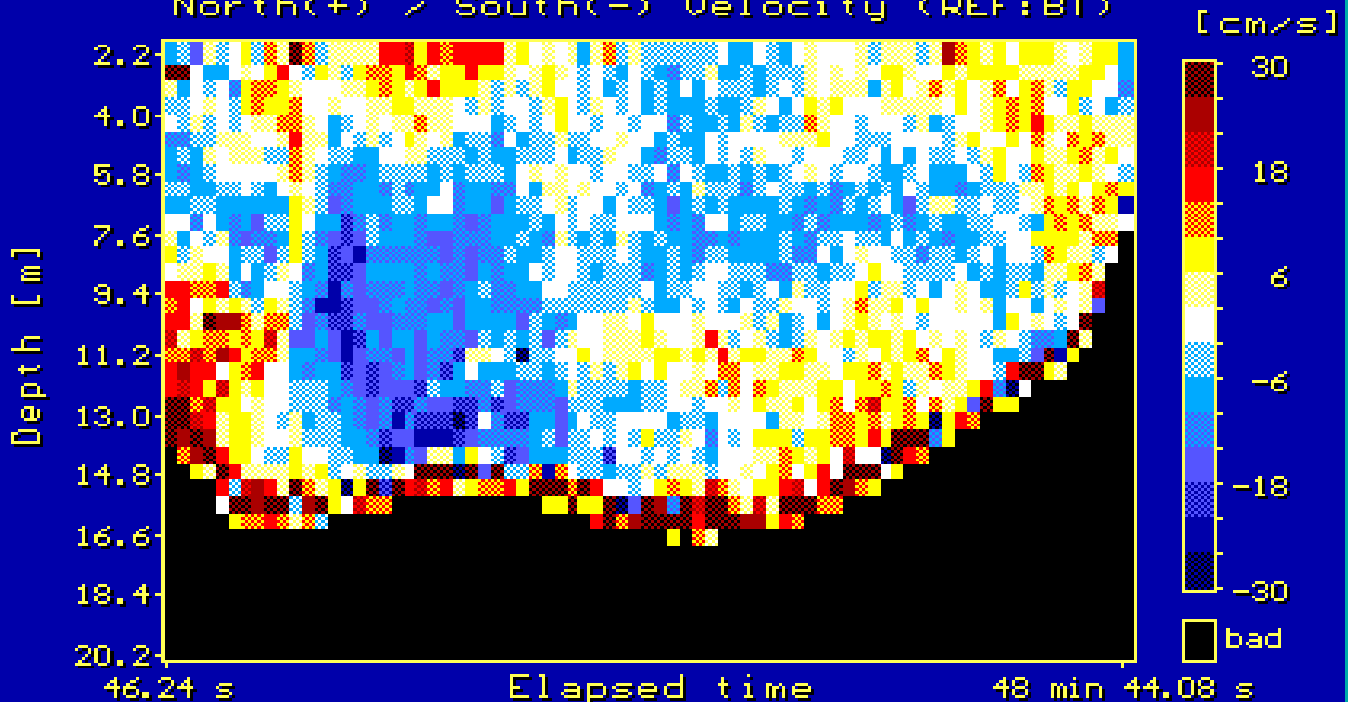
Semiahmoo Bay Measured Water Velocities
July 23, 2002 @ 21:36 hr. 3.648 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 23, 2002 @ 21:36 hr. 3.648 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

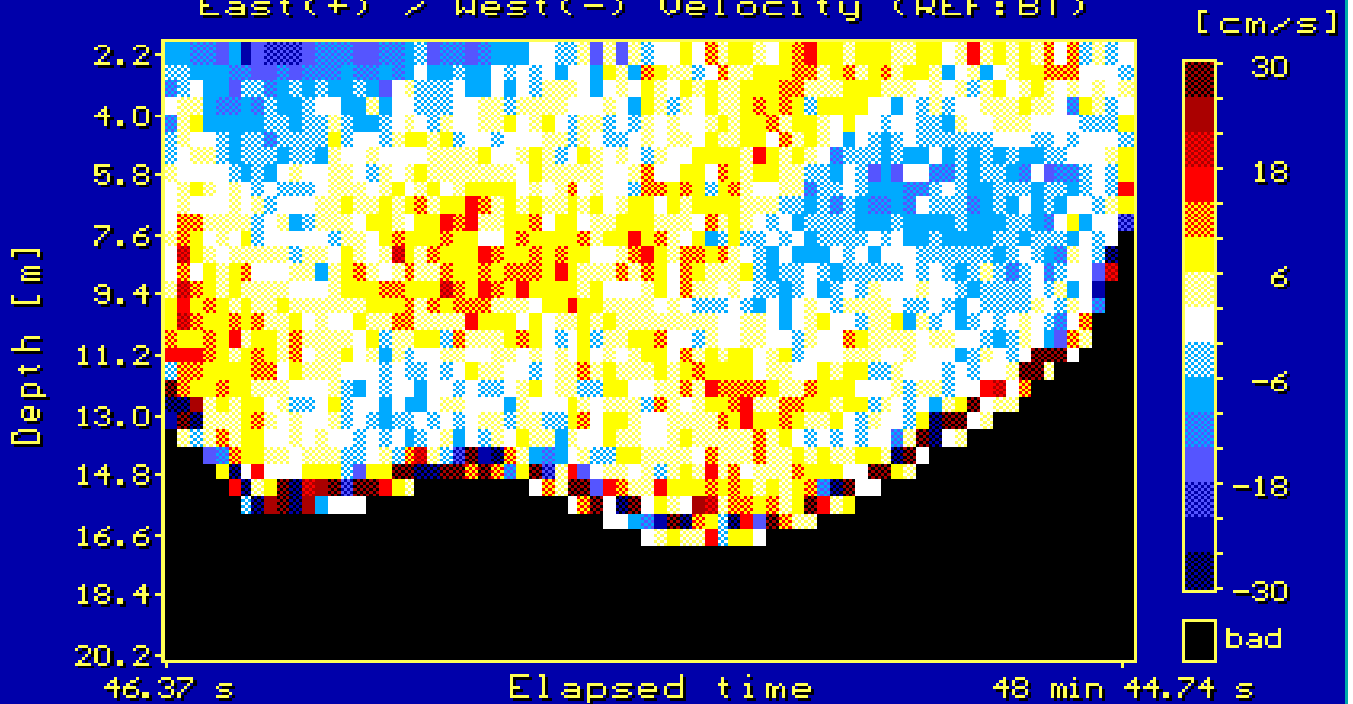
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 23/02 @ 21:36 HR.**

FIG.
A-2

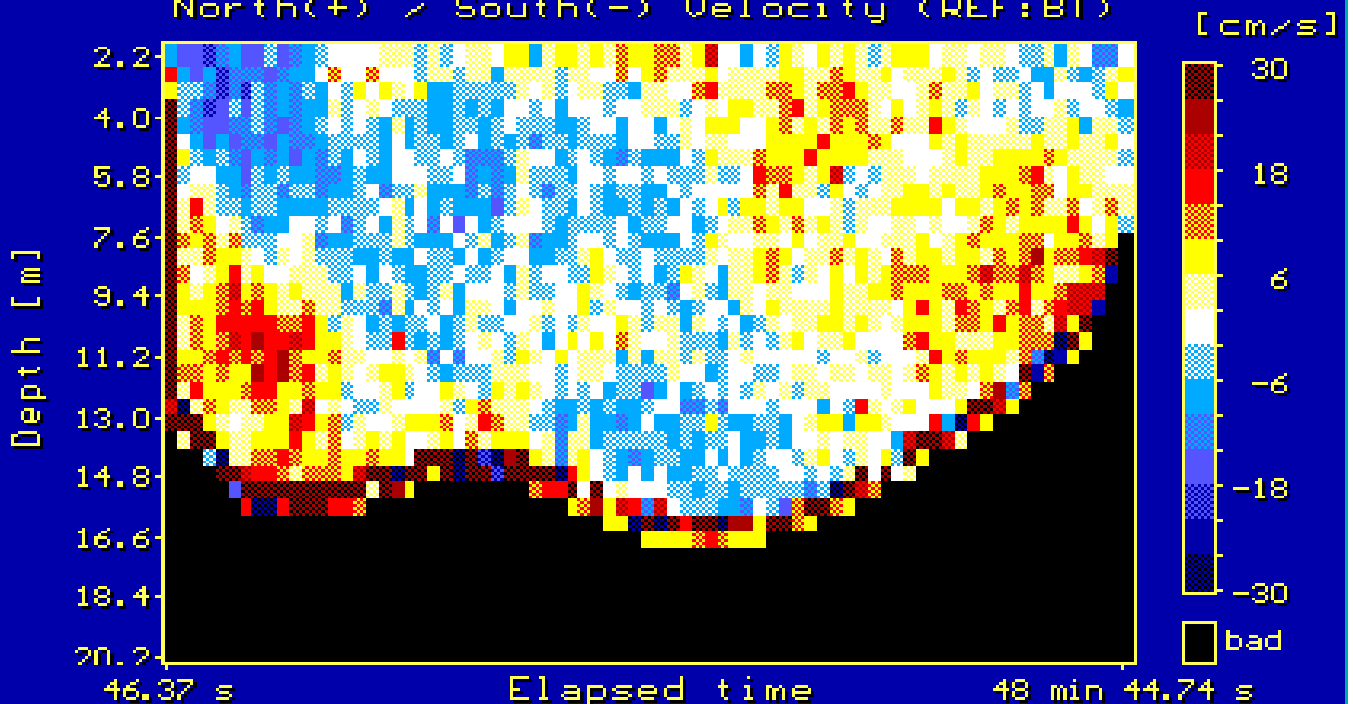
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 00:13 hr. 3.445 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 00:13 hr. 3.445 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

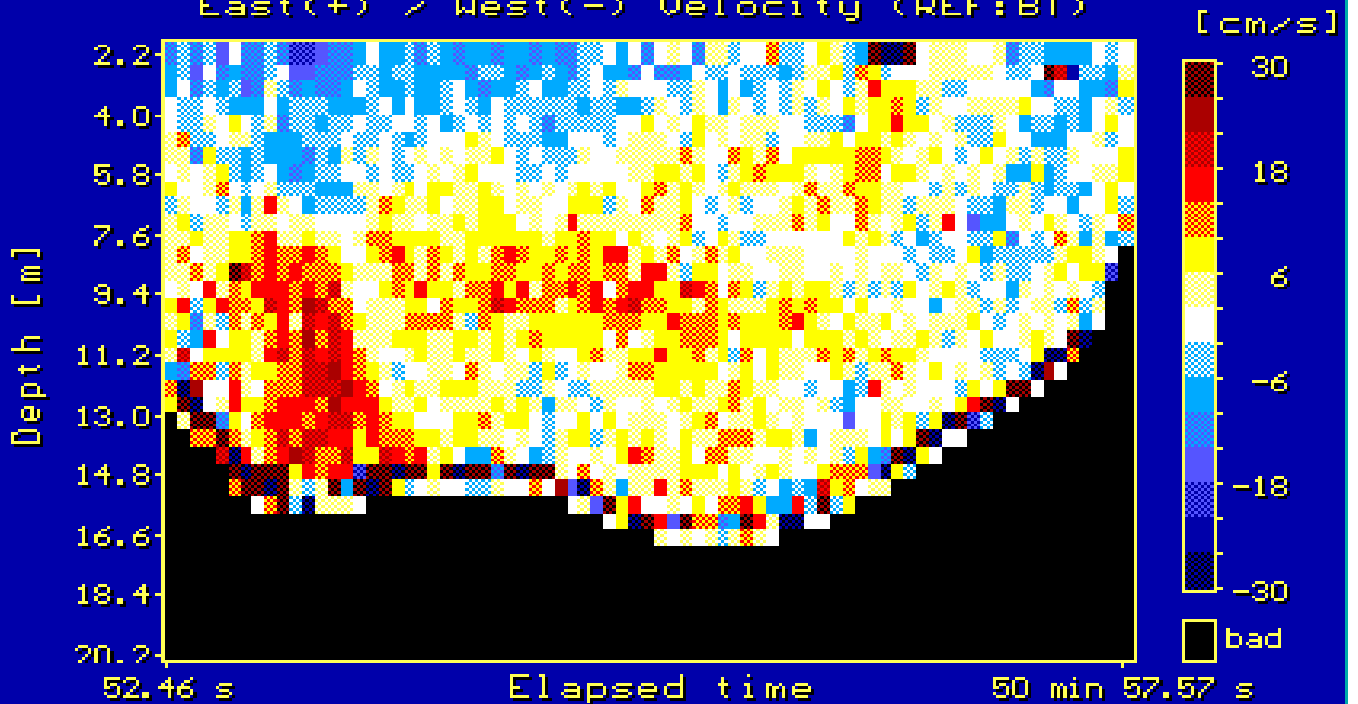
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 00:13 HR.**

FIG.
A-3

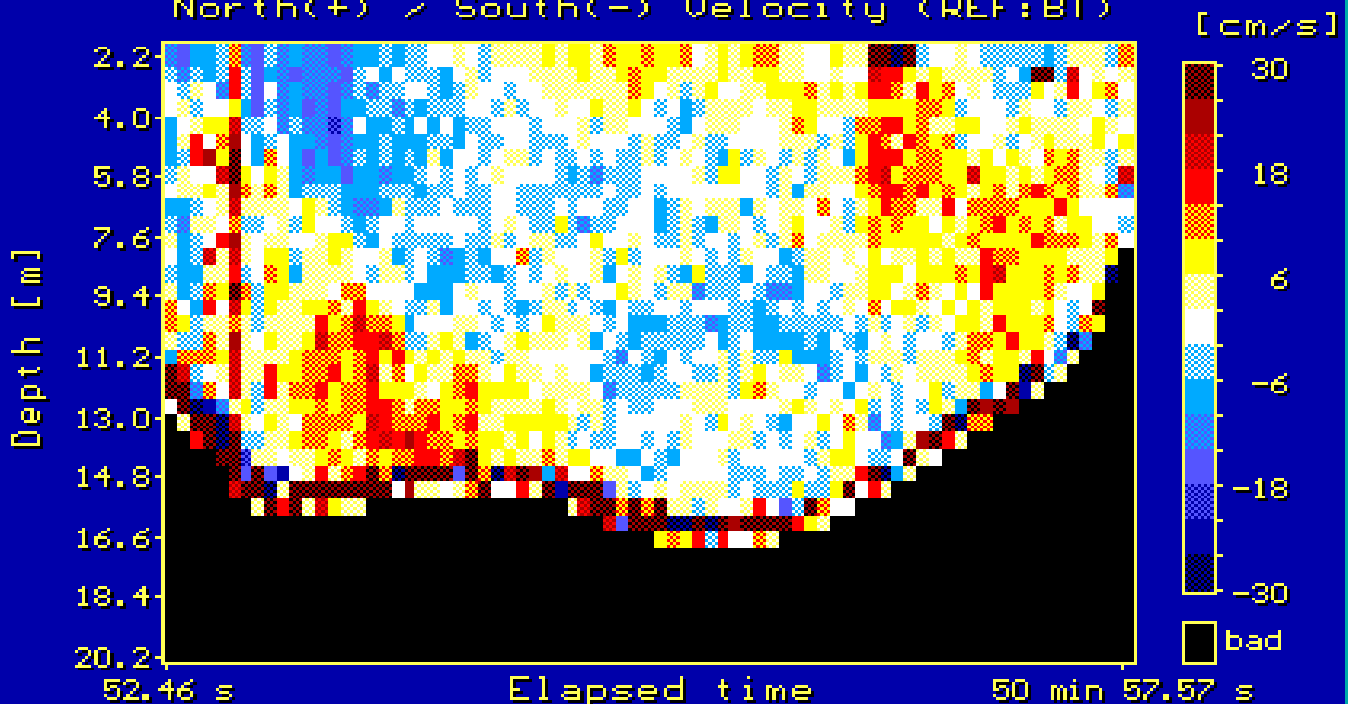
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 01:37 hr. 3.604 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 01:37 hr. 3.604 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

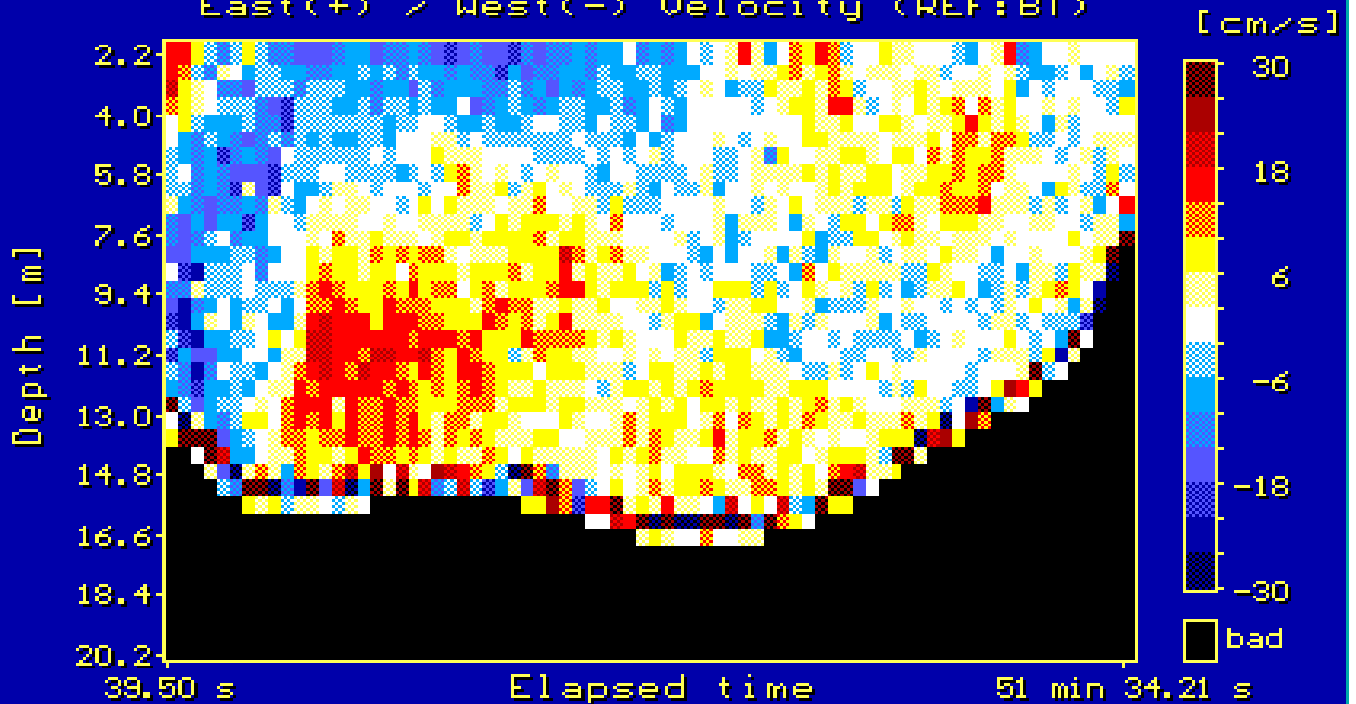
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 01:37 HR.**

FIG.
A-4

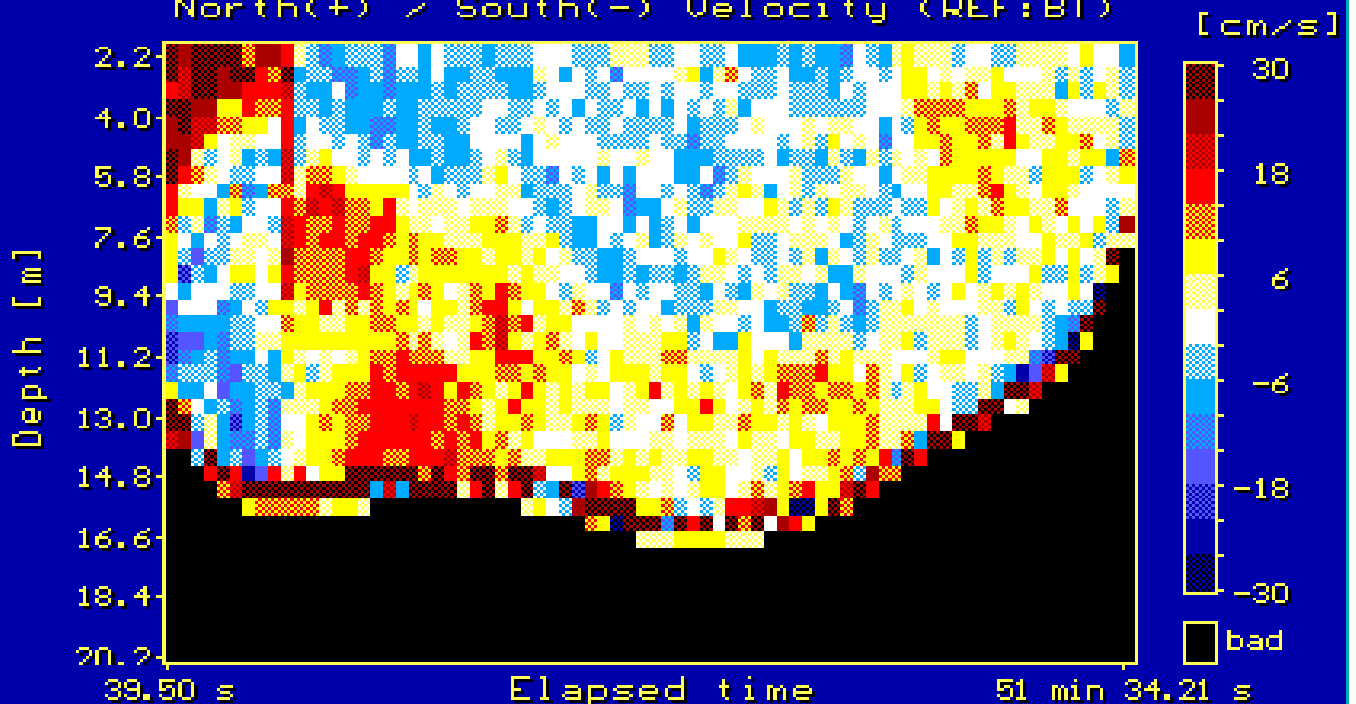
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 03:00 hr. 3.745 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 03:00 hr. 3.745 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

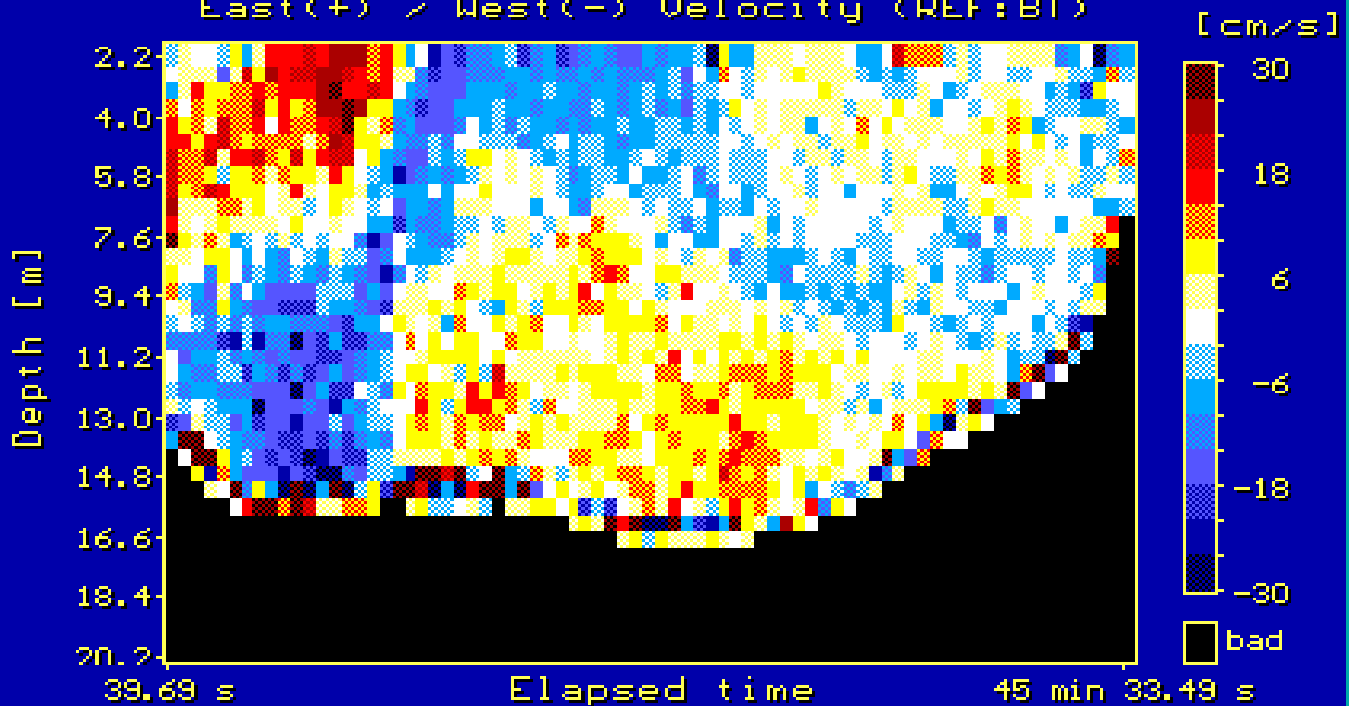
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 03:00 HR.**

FIG.
A-5

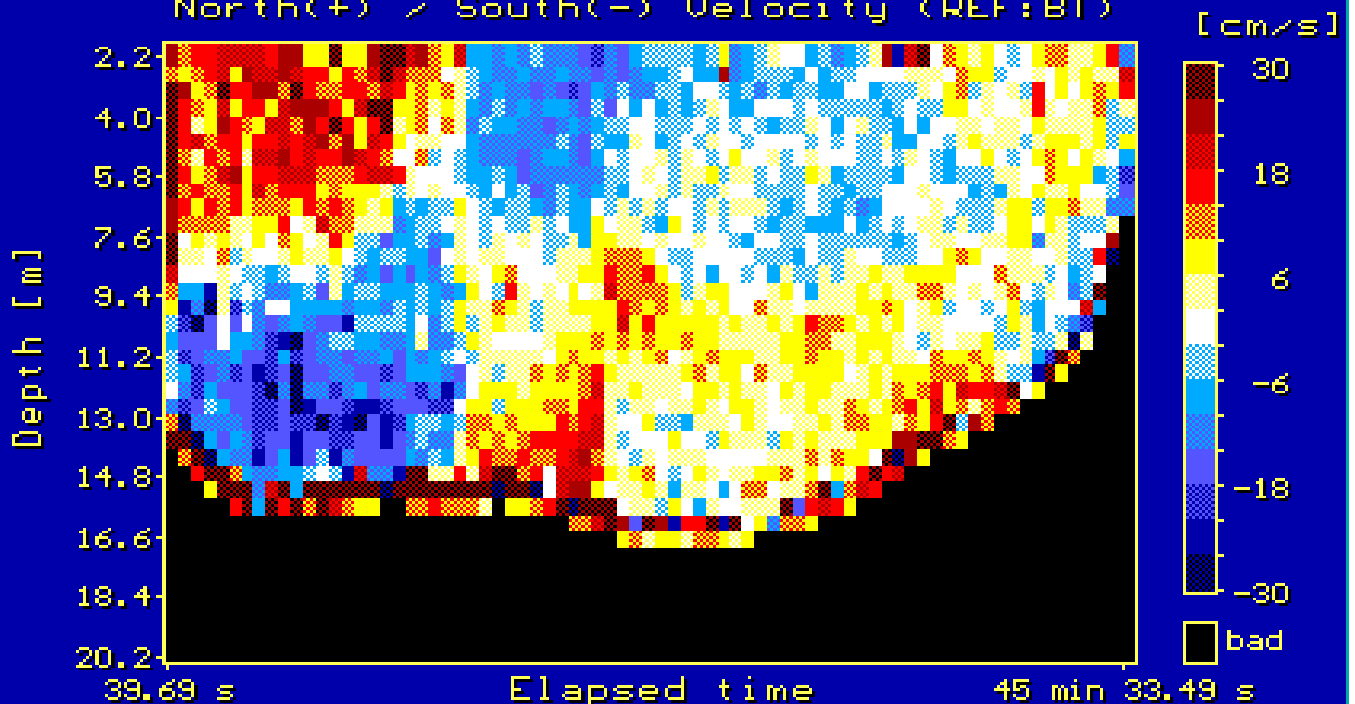
**Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 04:18 hr. 3.714 m ebb tide**

East(+) / West(-) Velocity (REF:BT)



**Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 04:18 hr. 3.714 m ebb tide**

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

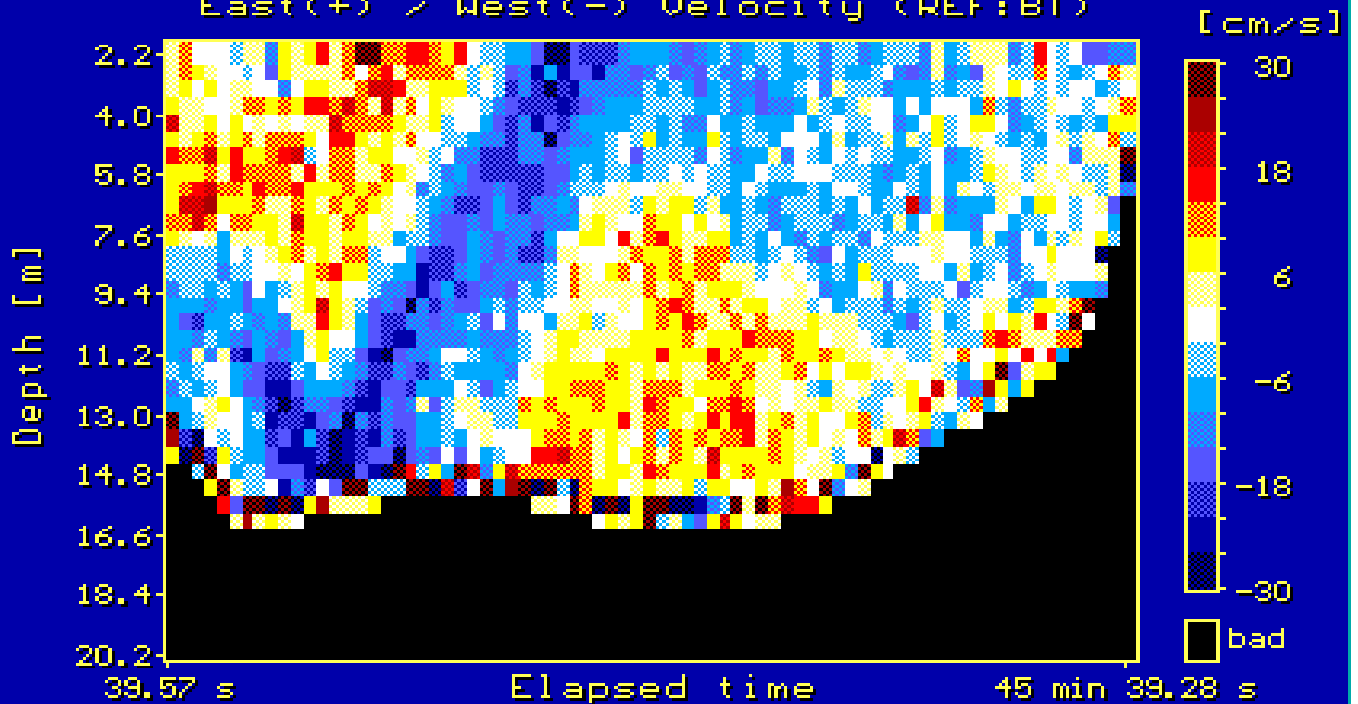
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 04:18 HR.**

FIG.
A-6

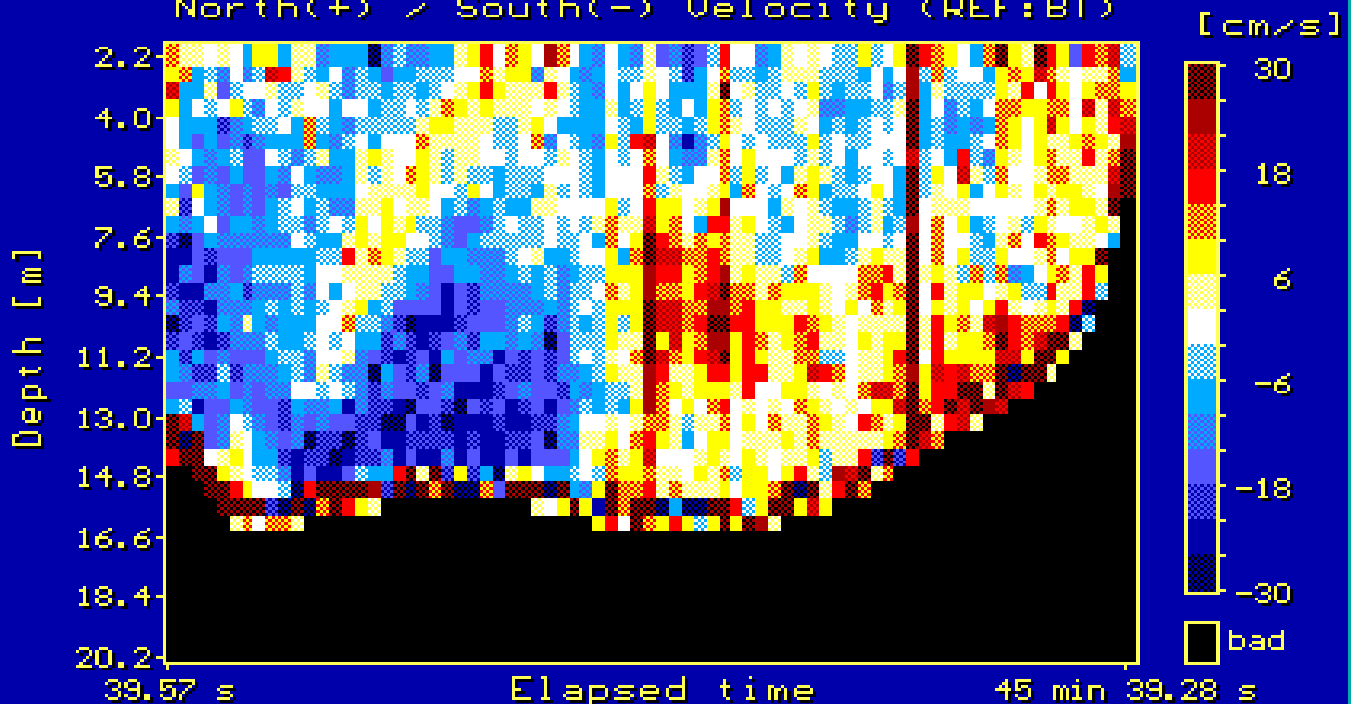
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 05:27 hr. 3.385 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 05:27 hr. 3.385 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

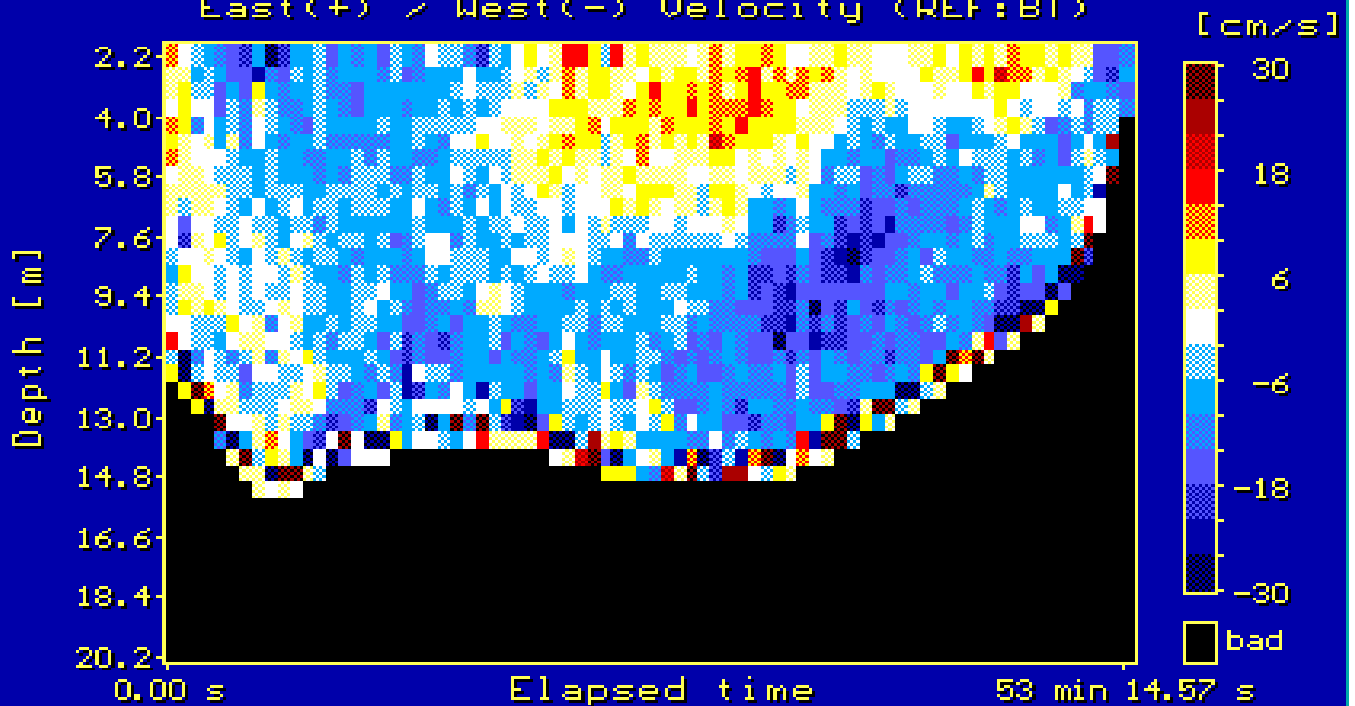
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 05:27 HR.**

FIG.
A-7

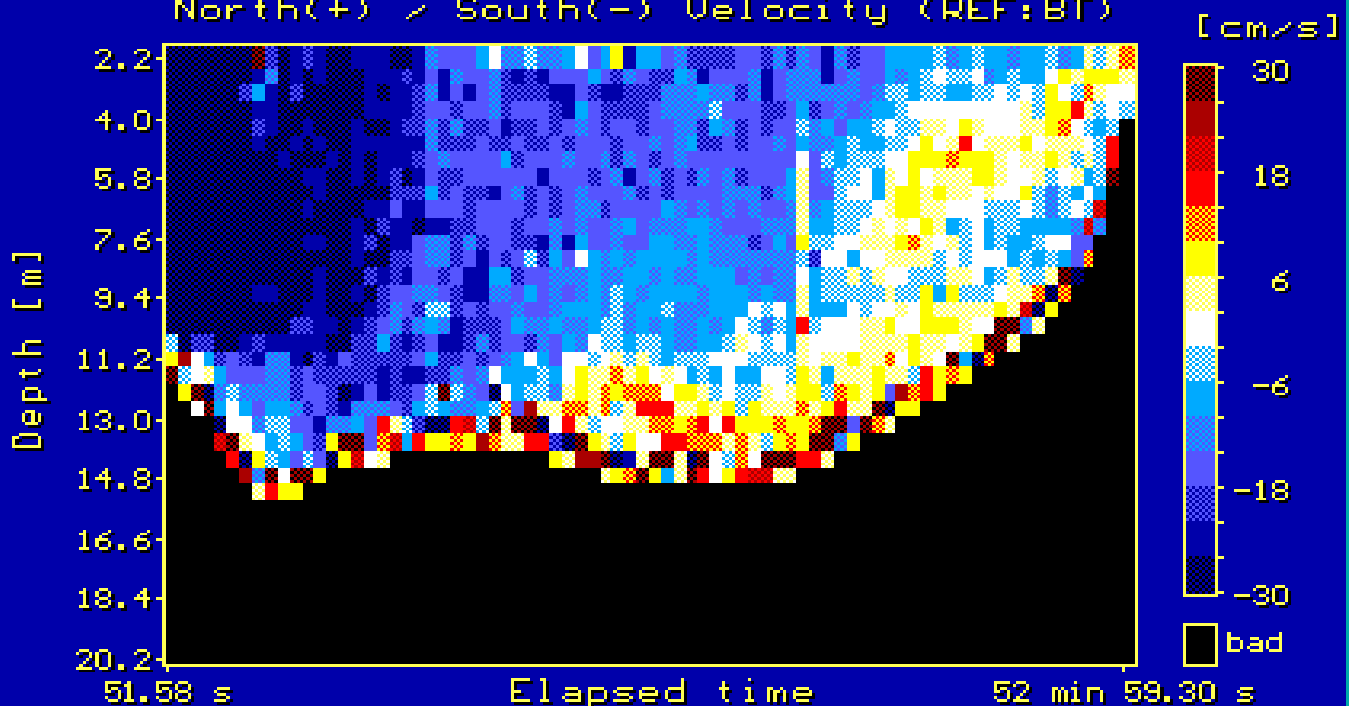
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 08:28 hr. 1.539 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 08:28 hr. 1.539 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

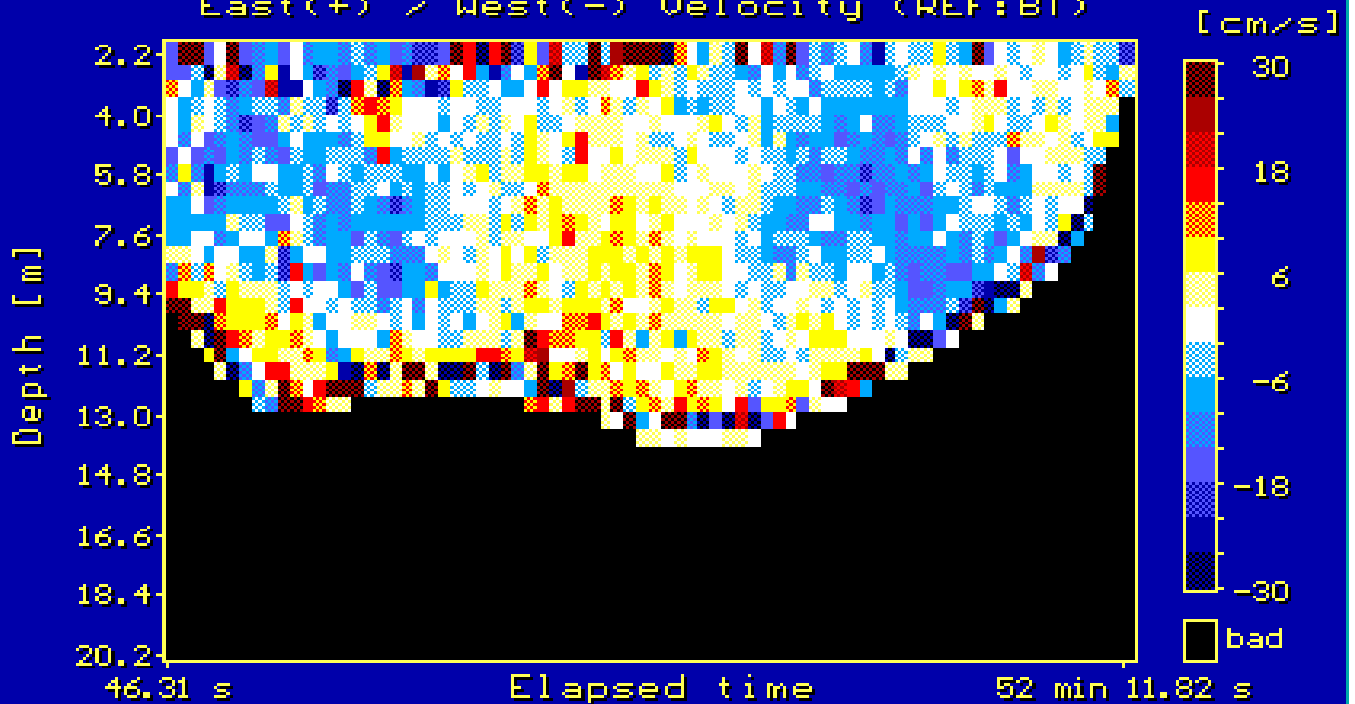
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 08:28 HR.**

FIG.
A-8

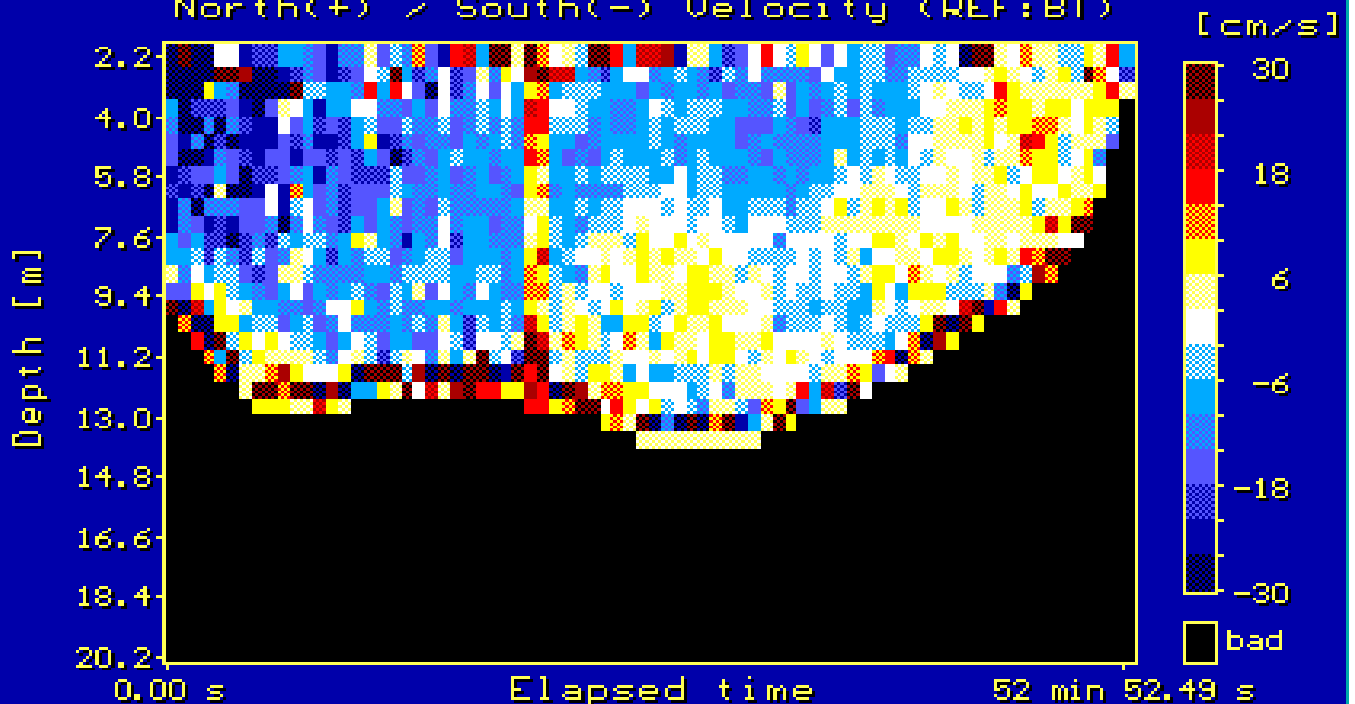
Semiahmoo Bay Measured Water Velocities
 July 24, 2002 @ 11:12 hr. 0.409 m low tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
 July 24, 2002 @ 11:12 hr. 0.409 m low tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

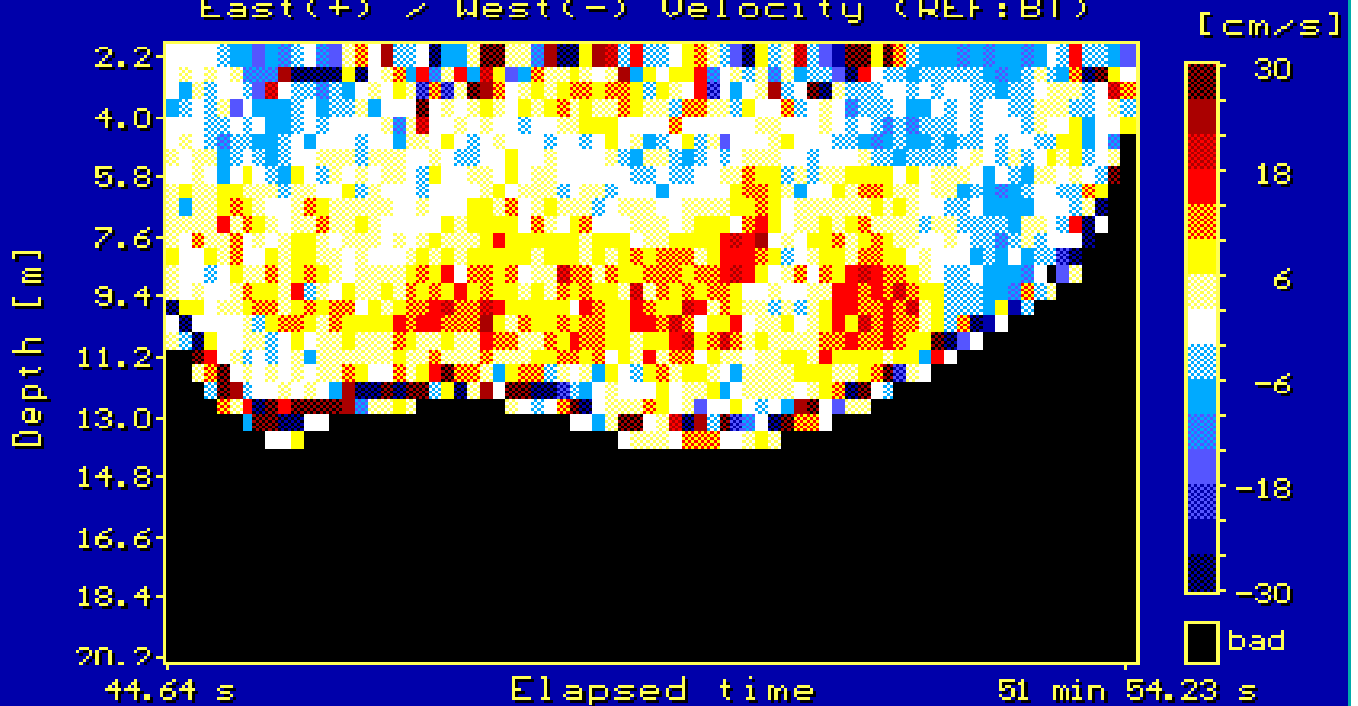
**SEMAIHMUO BAY
 CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
 JULY 24/02 @ 11:12 HR.**

FIG.
 A-9

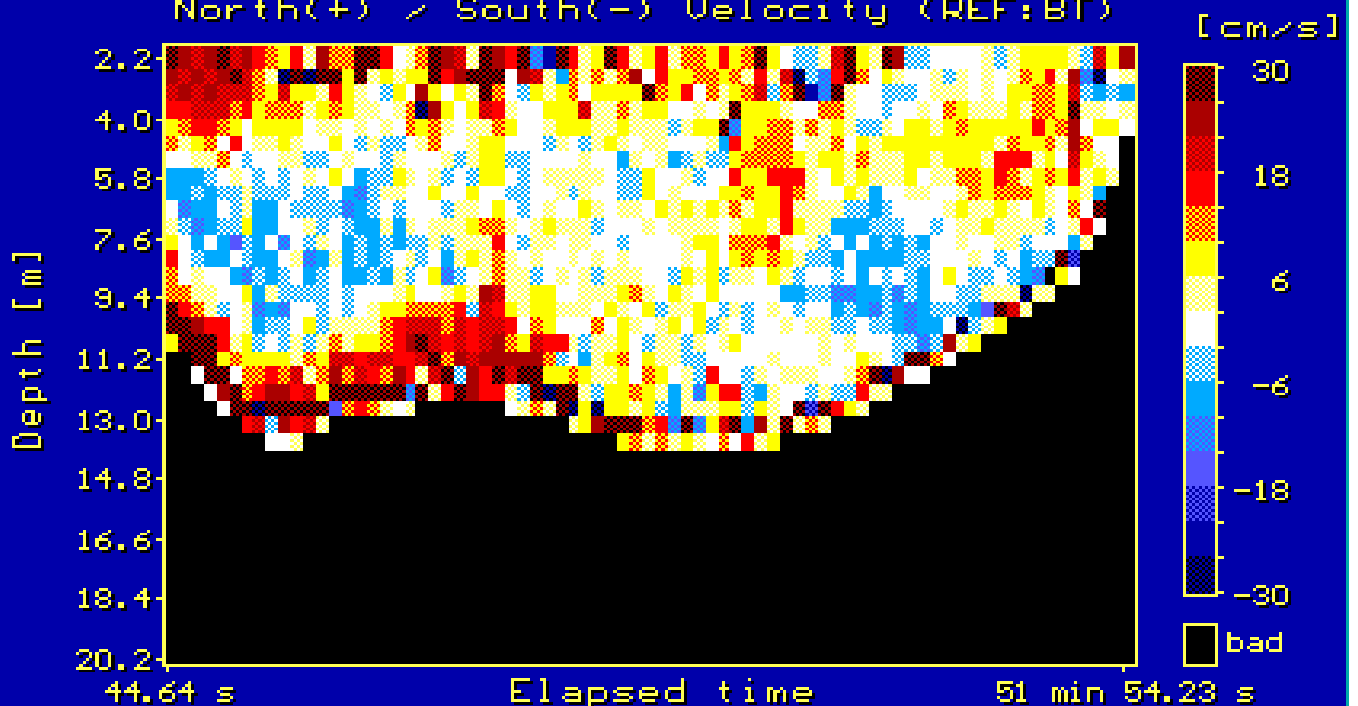
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 13:06 hr. 0.947 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 13:06 hr. 0.947 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

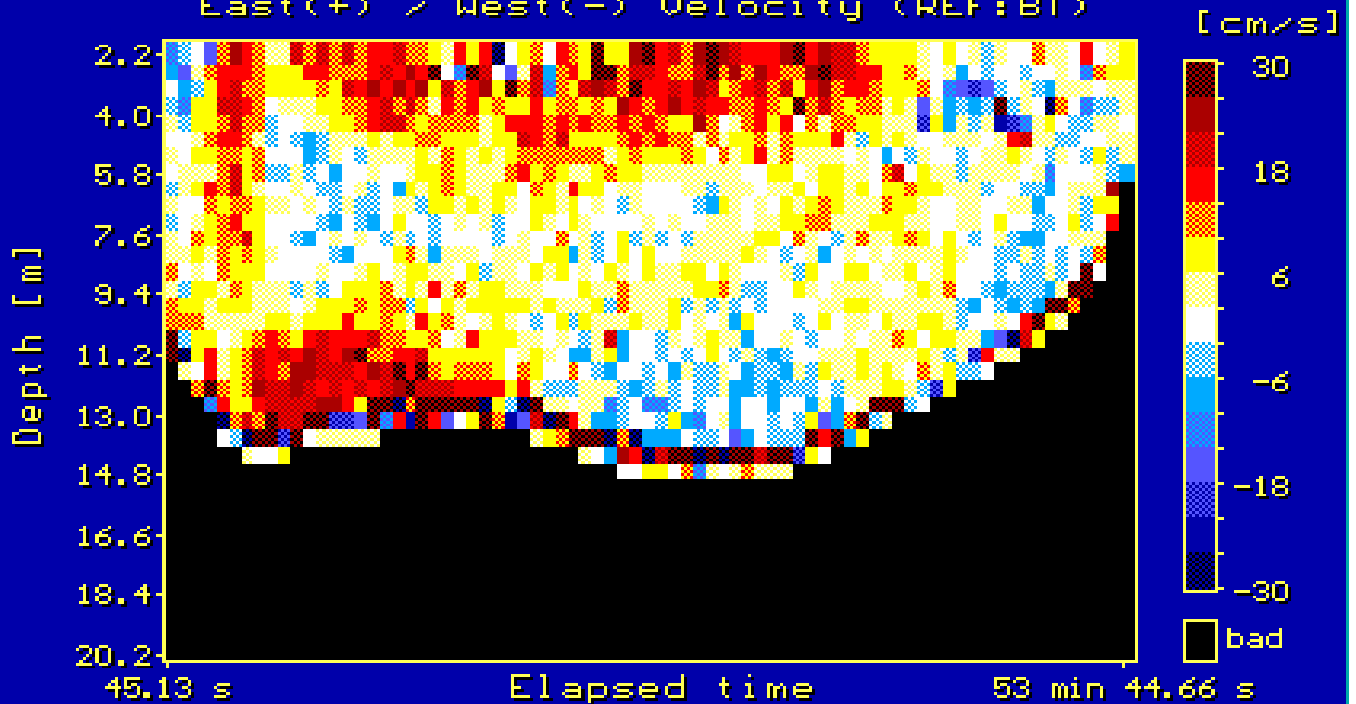
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 13:06 HR.**

FIG.
A-10

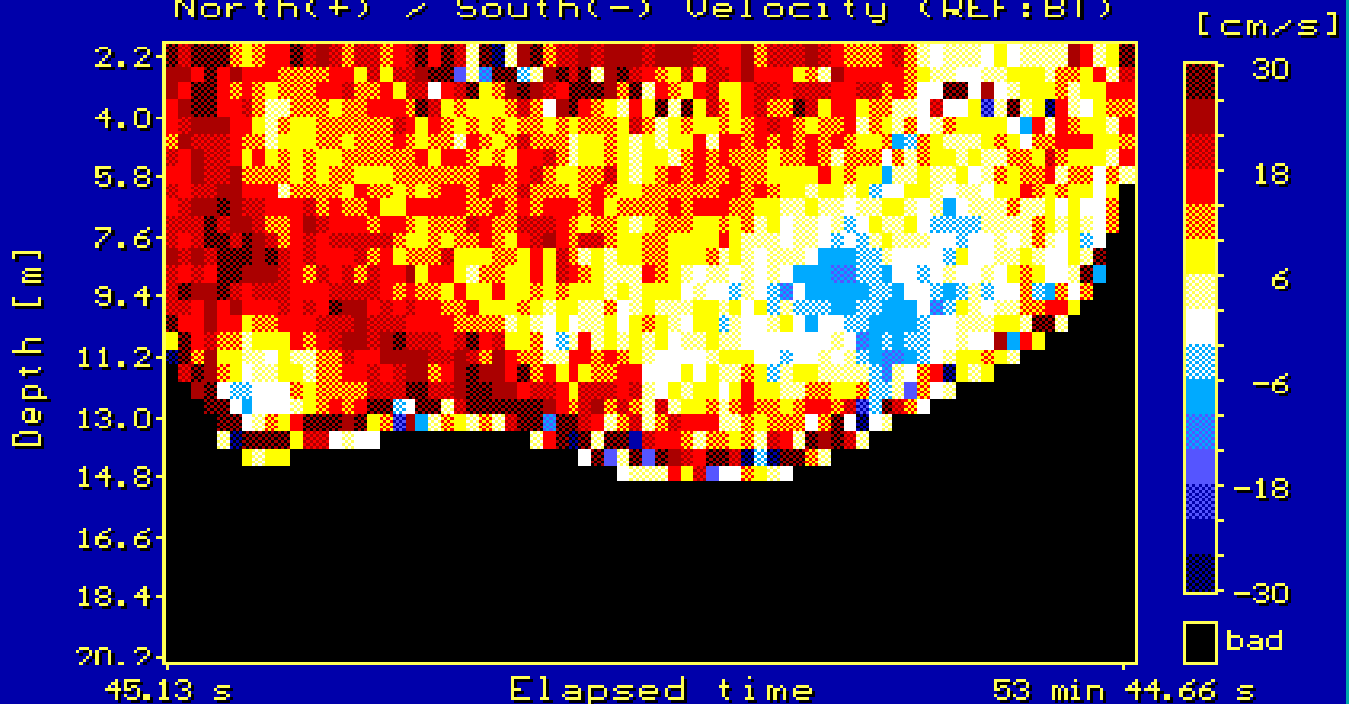
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 14:45 hr. 2.018 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 14:45 hr. 2.018 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

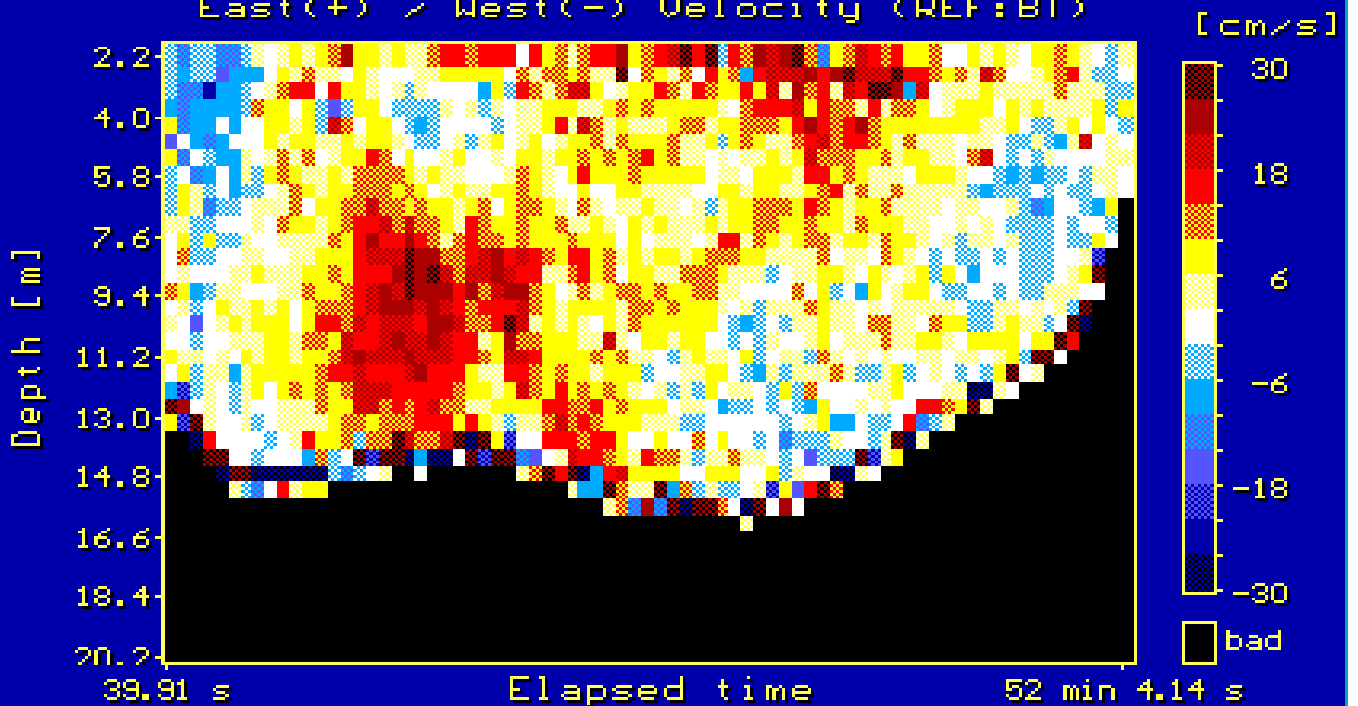
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 14:45 HR.**

FIG.
A-11

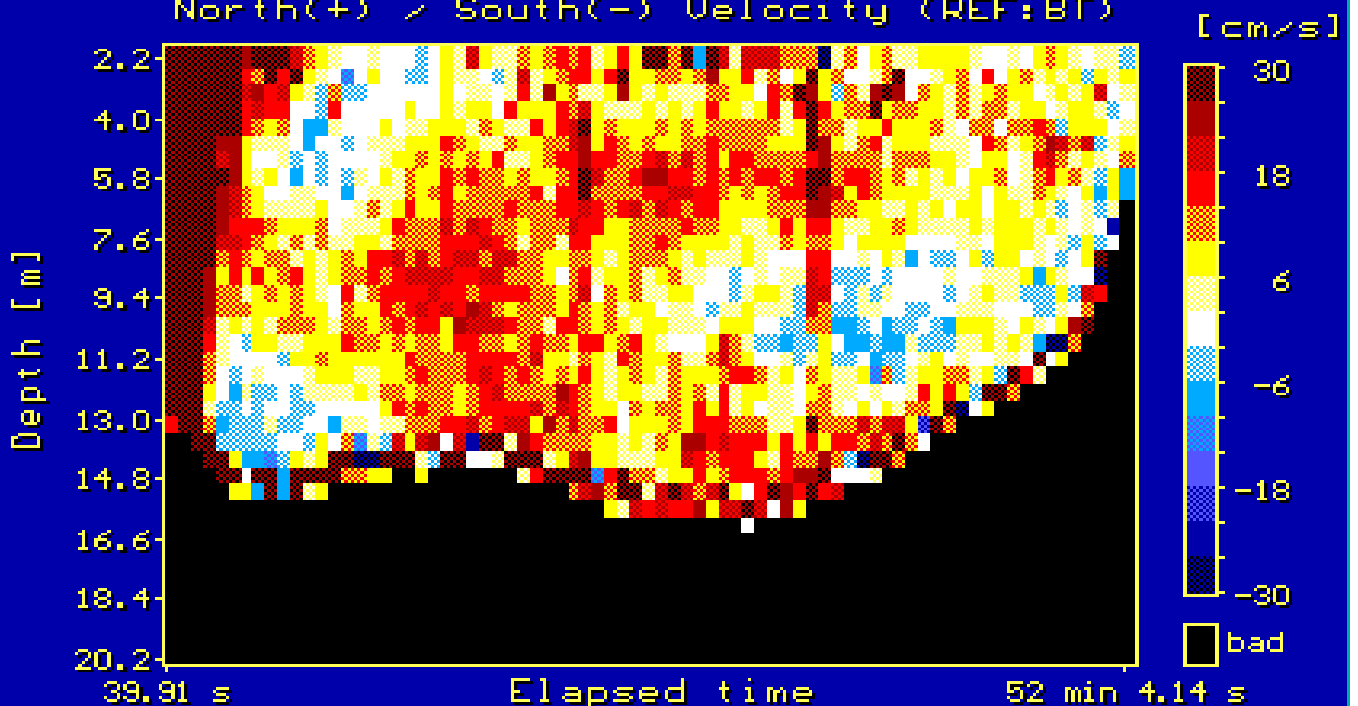
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 16:21 hr. 3.202 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 16:21 hr. 3.202 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

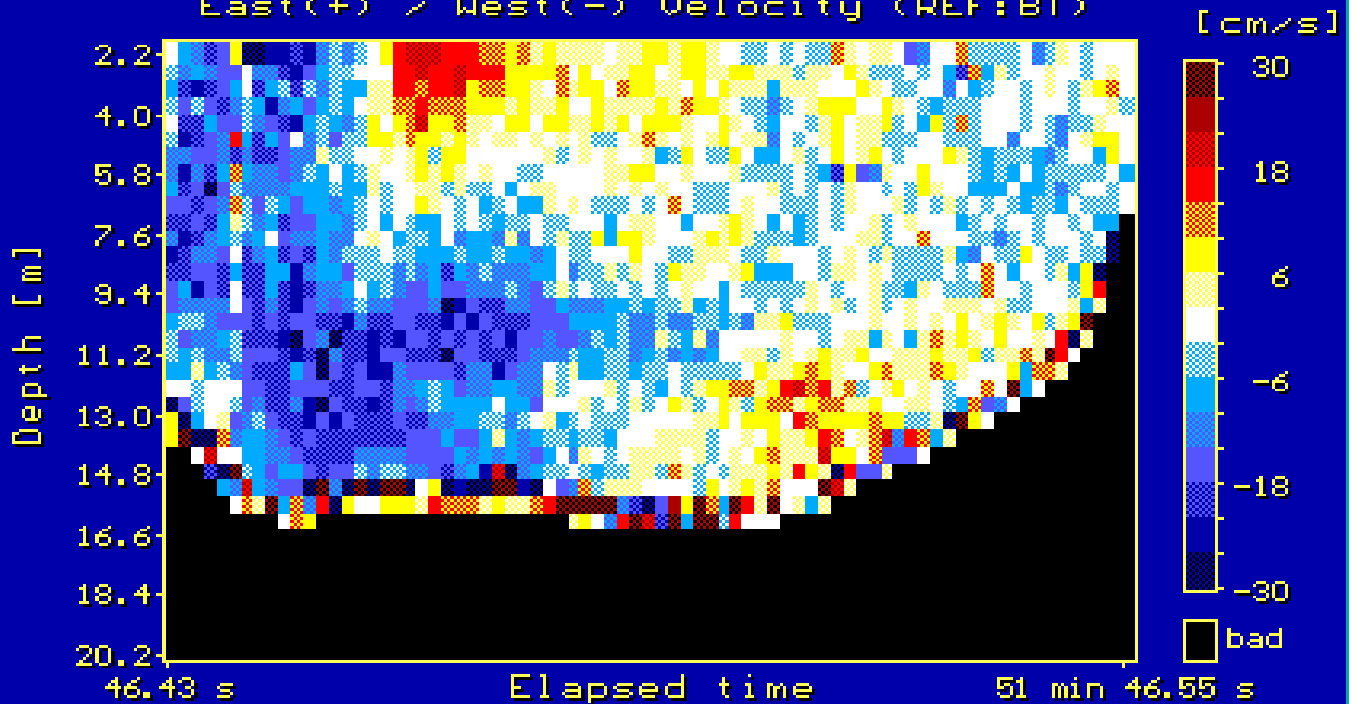
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 16:21 HR.**

FIG.
A-12

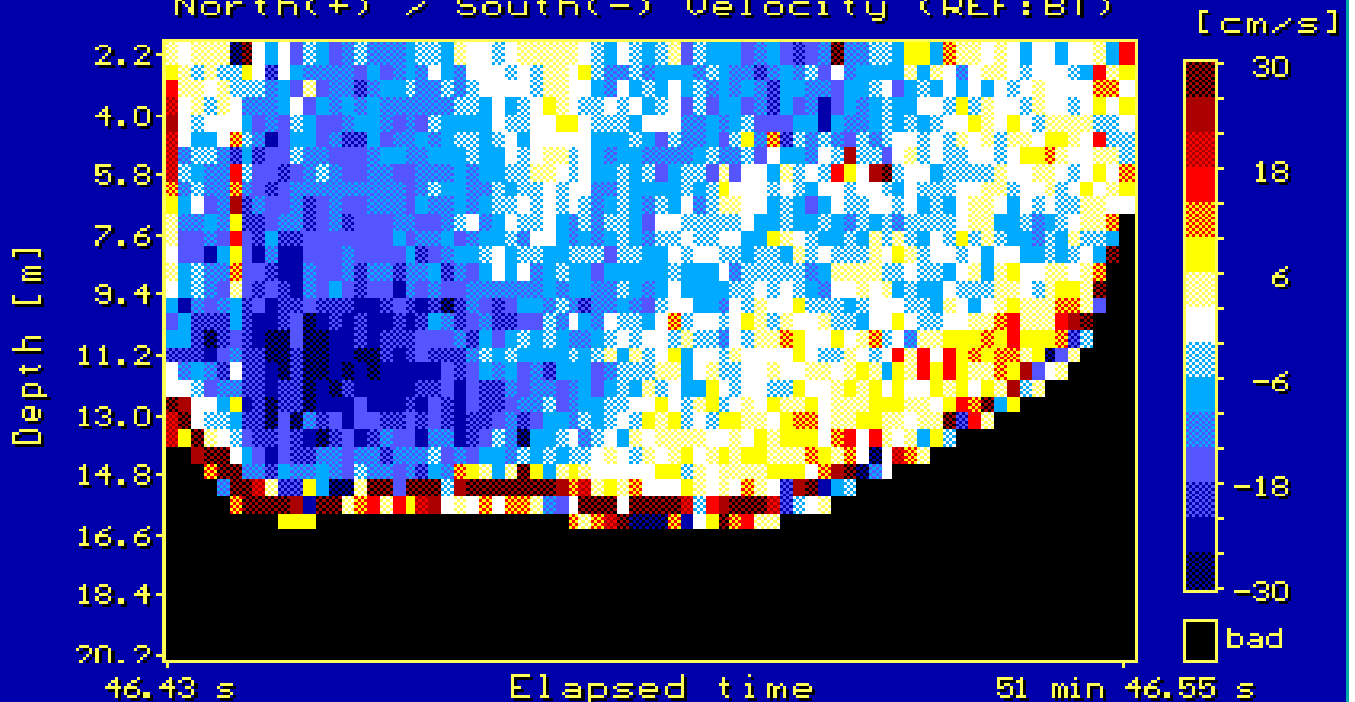
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 20:30 hr. 4.039 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 20:30 hr. 4.039 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

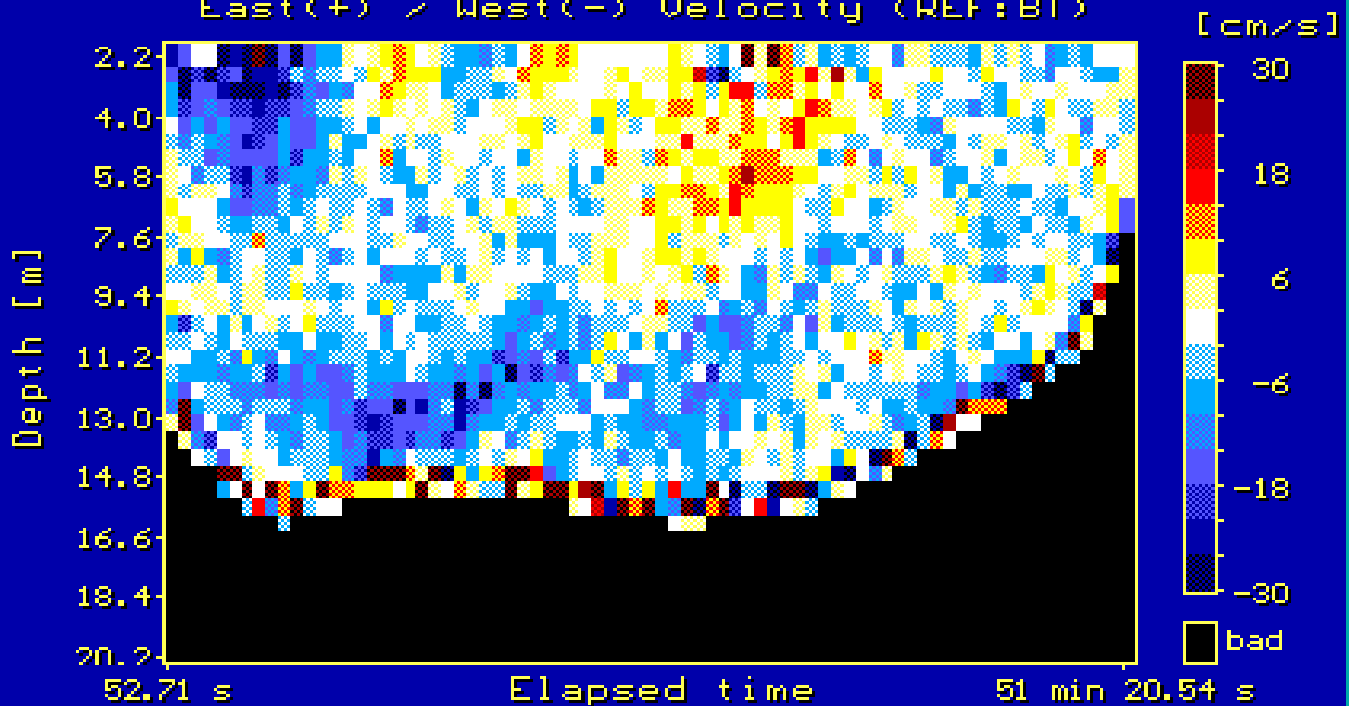
SEMAIHMUO BAY
CIRCULATION STUDY

ADCP VELOCITY TRANSECT
JULY 24/02 @ 20:30 HR.

FIG.
A-13

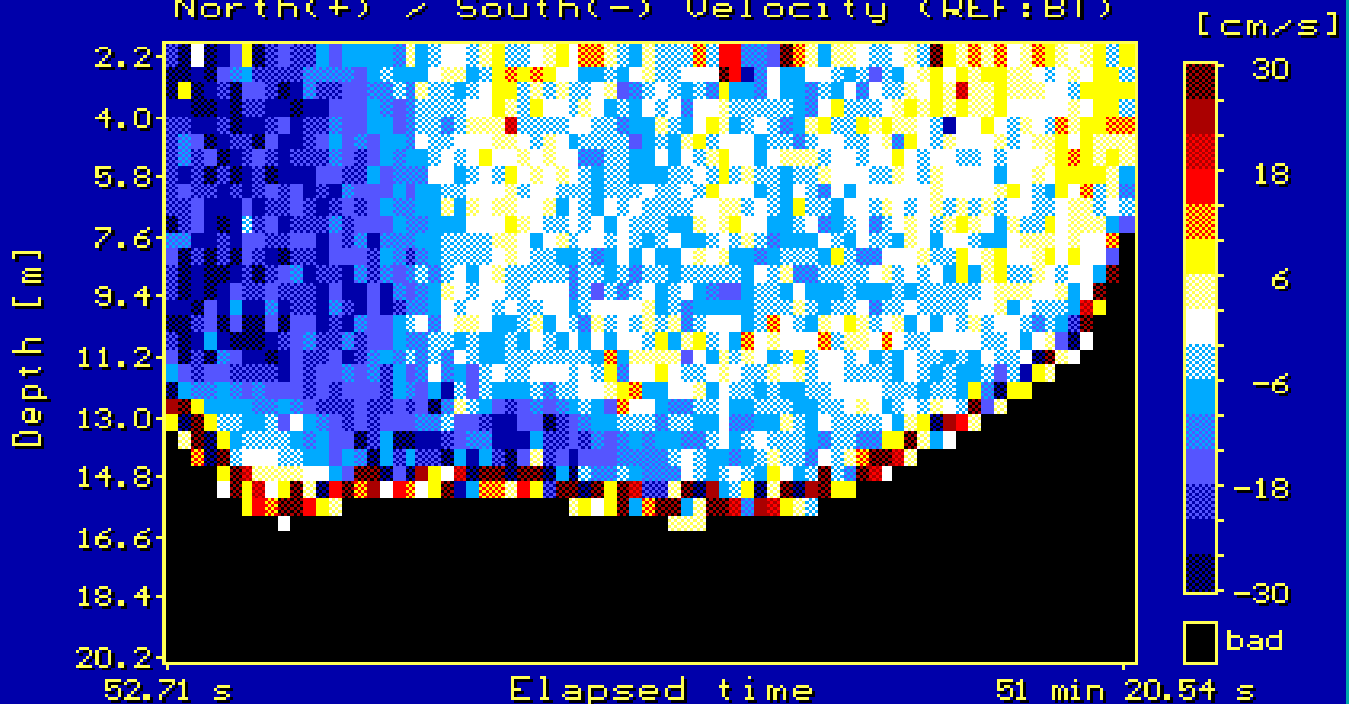
**Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 22:18 hr. 3.565 m ebb tide**

East(+) / West(-) Velocity (REF:BT)



**Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 22:18 hr. 3.565 m ebb tide**

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

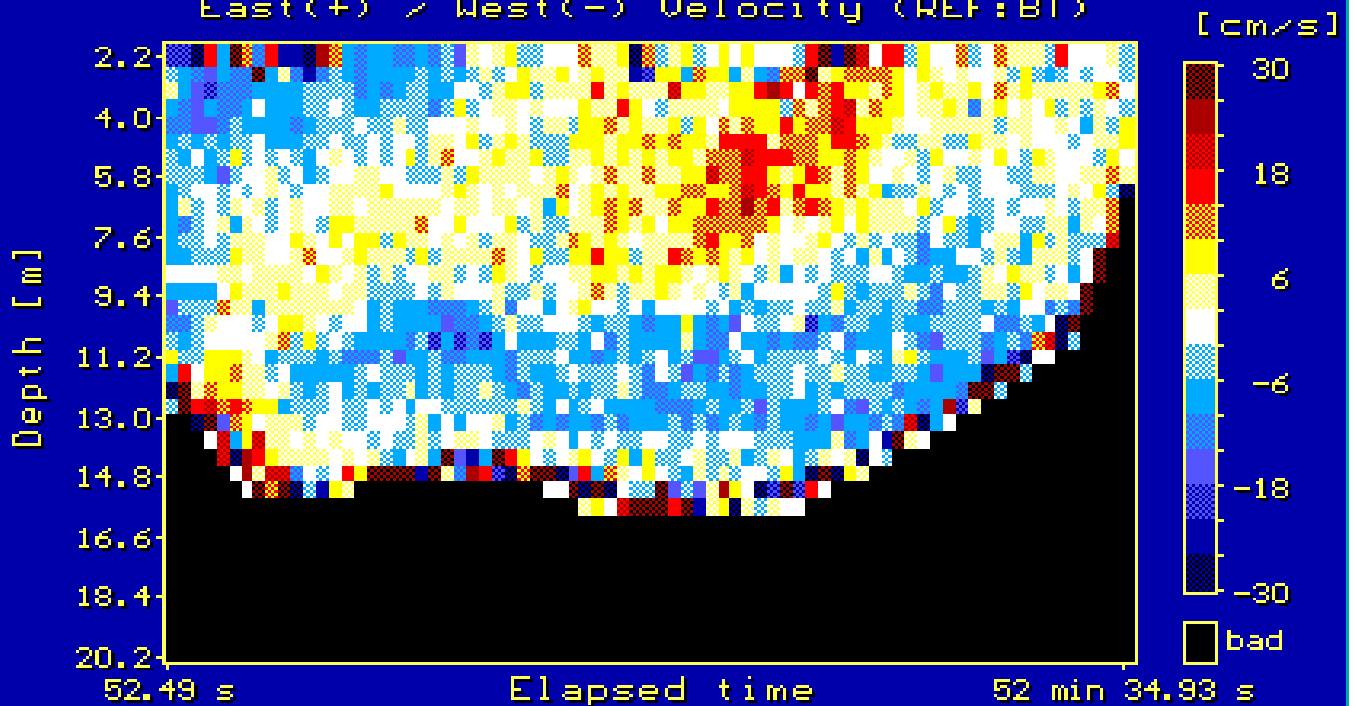
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 22:18 HR.**

FIG.
A-14

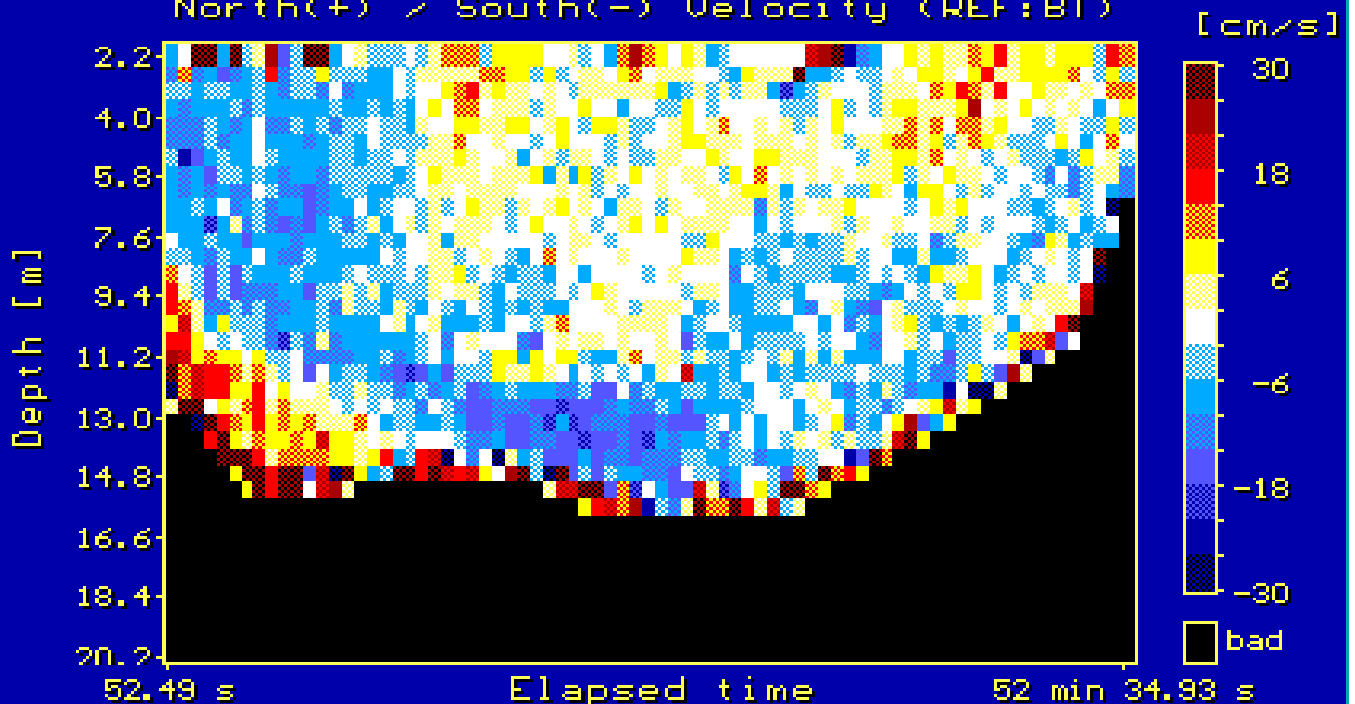
Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 23:57 hr. 3.295 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 24, 2002 @ 23:57 hr. 3.295 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

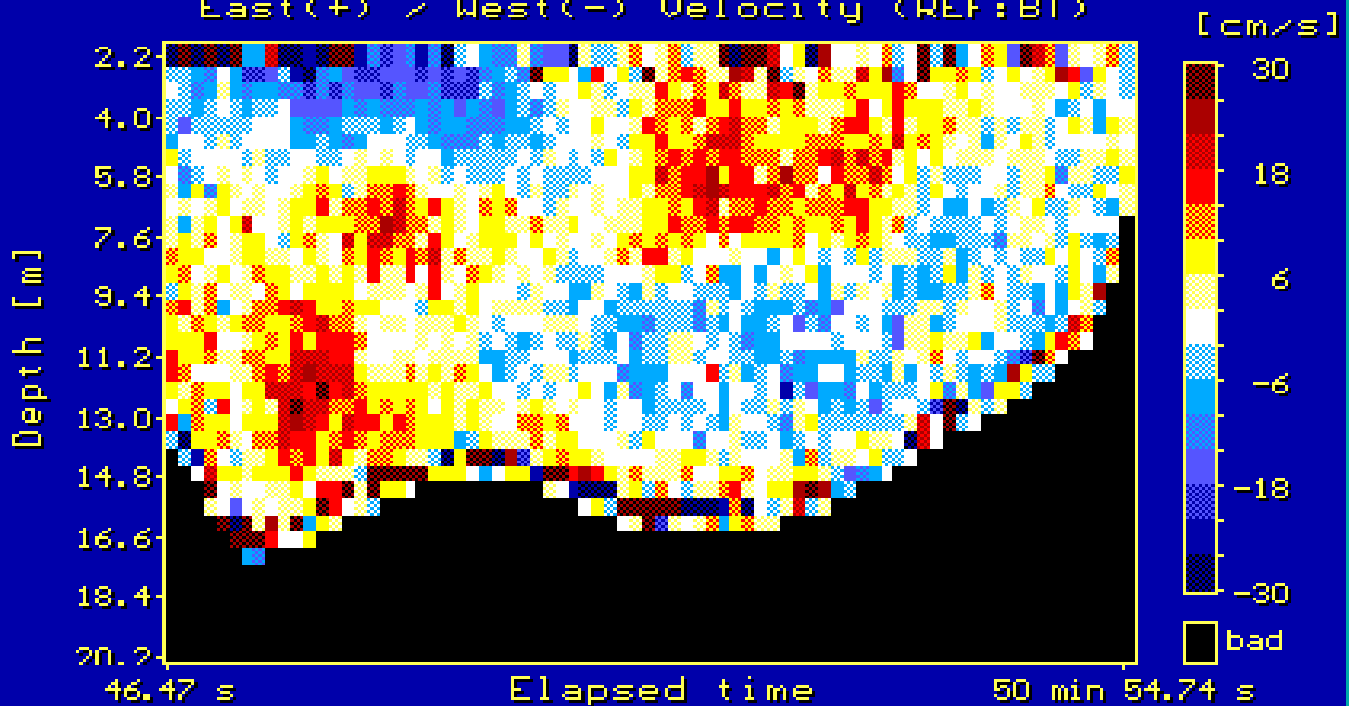
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 24/02 @ 23:57 HR.**

FIG.
A-15

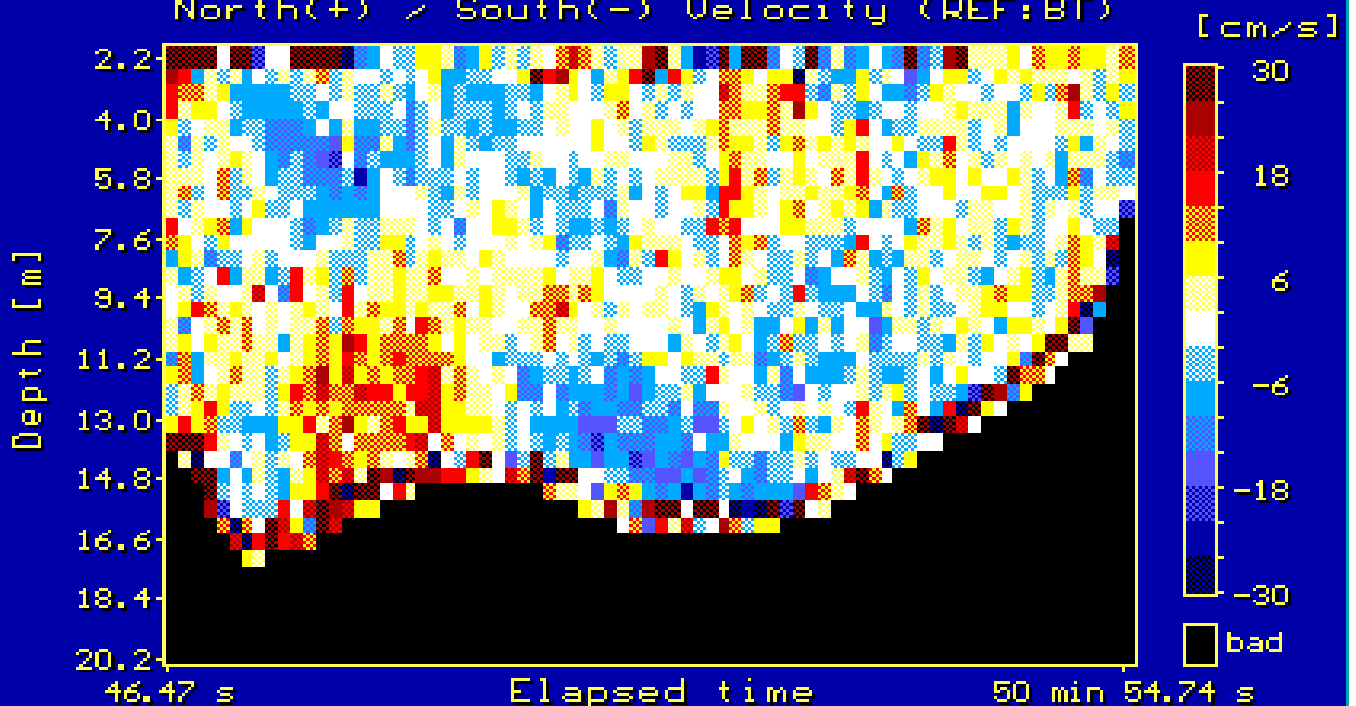
Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 01:37 hr. 3.395 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 01:37 hr. 3.395 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

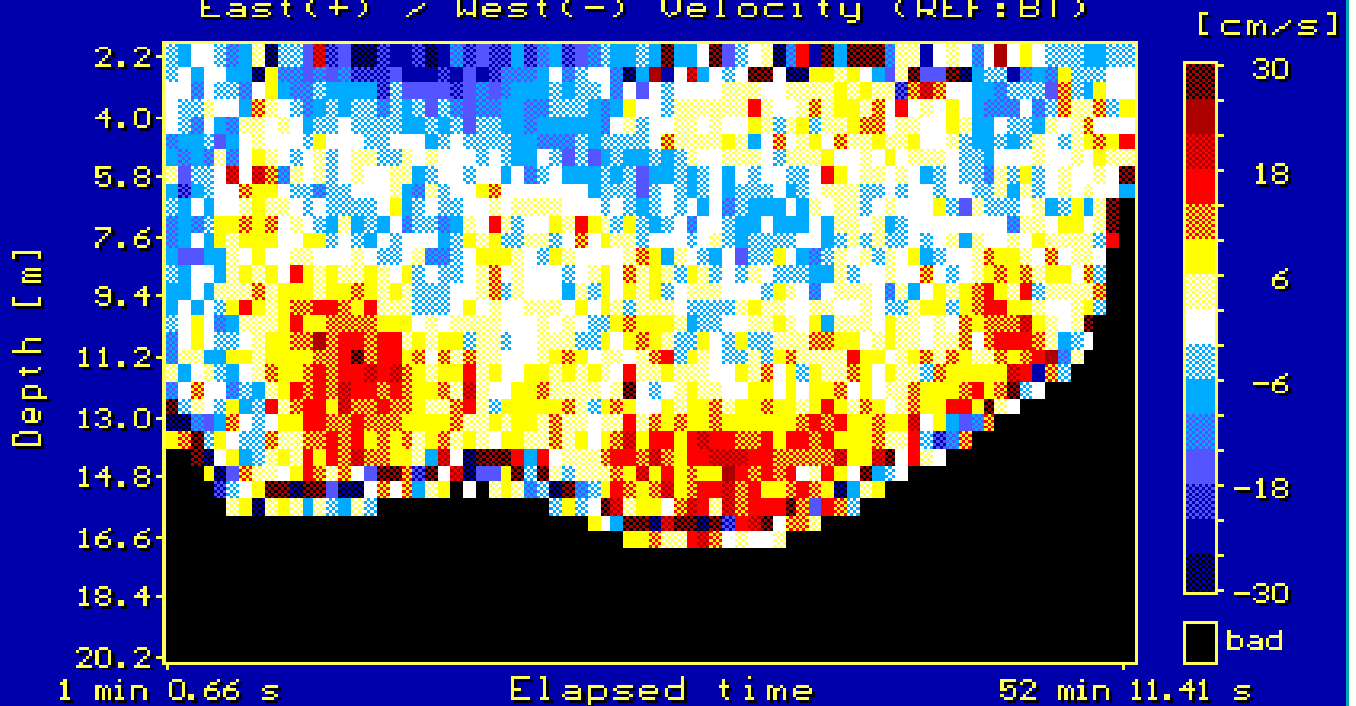
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 25/02 @ 01:37 HR.**

FIG.
A-16

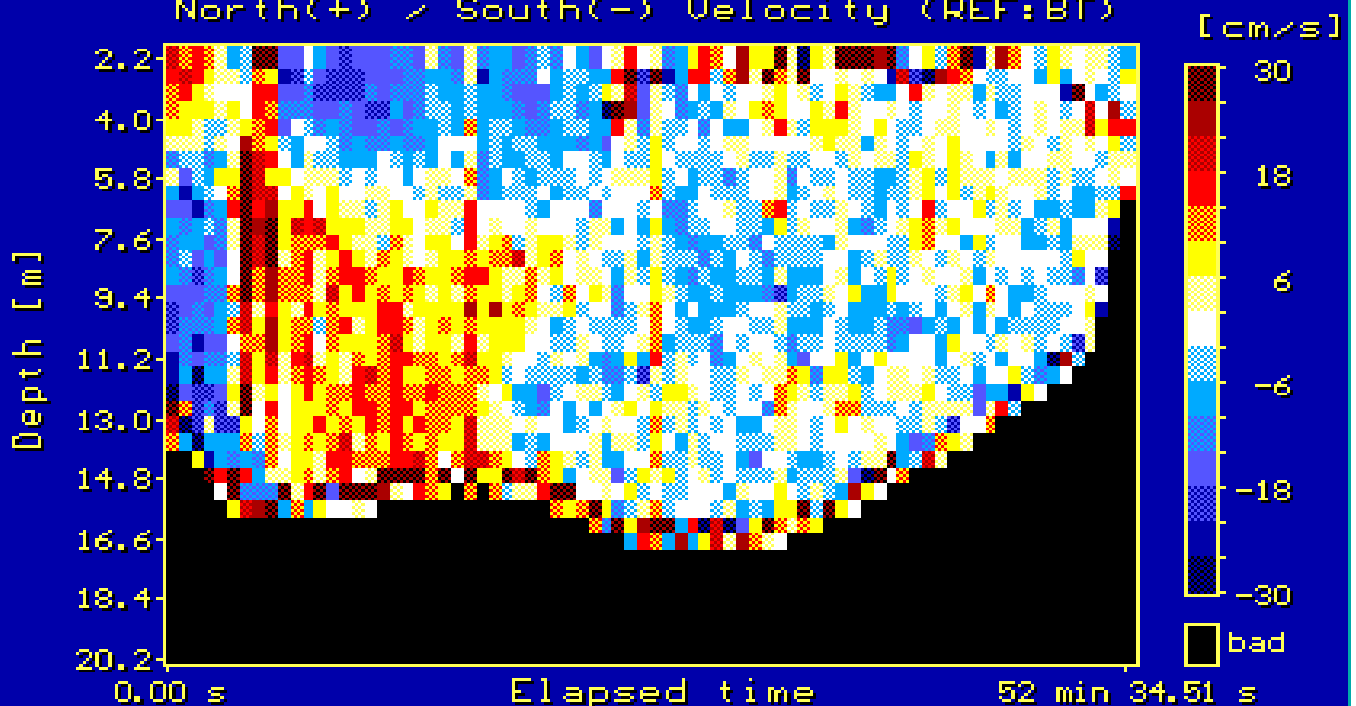
Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 03:23 hr. 3.610 m flood tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 03:23 hr. 3.610 m flood tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

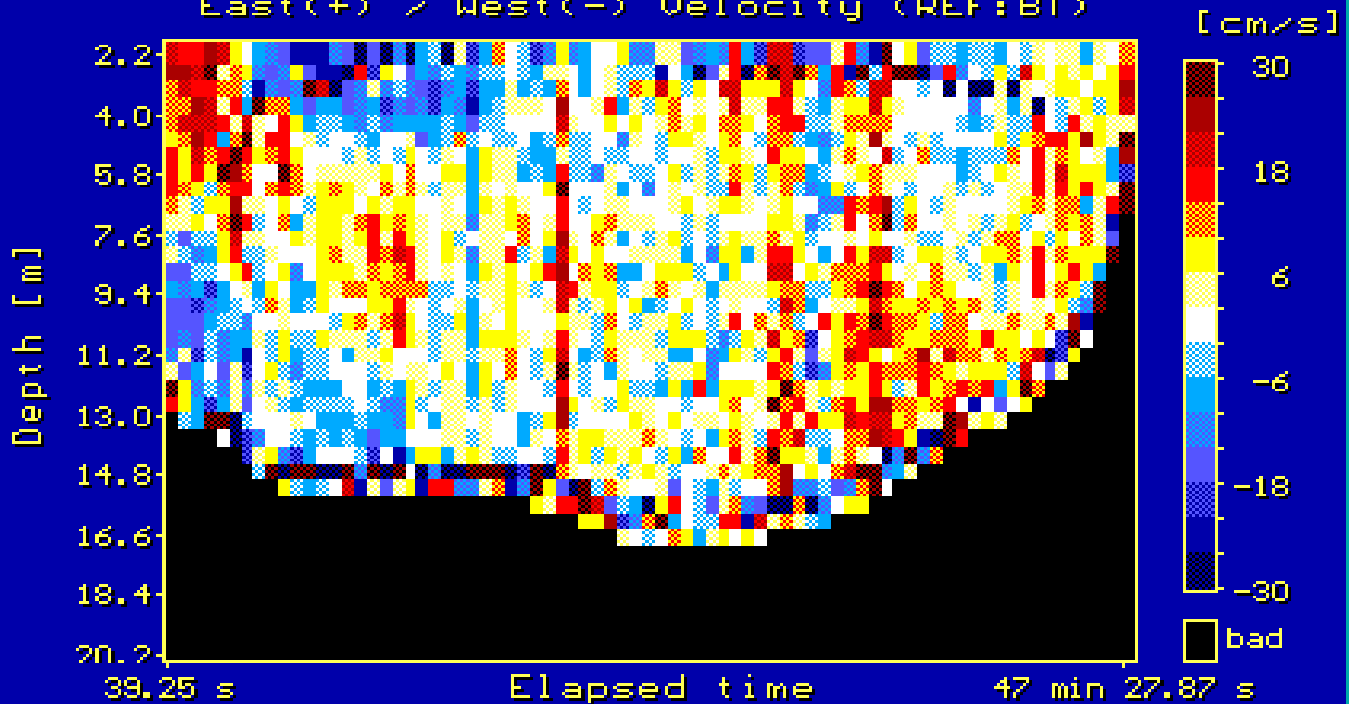
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 25/02 @ 03:23 HR.**

FIG.
A-17

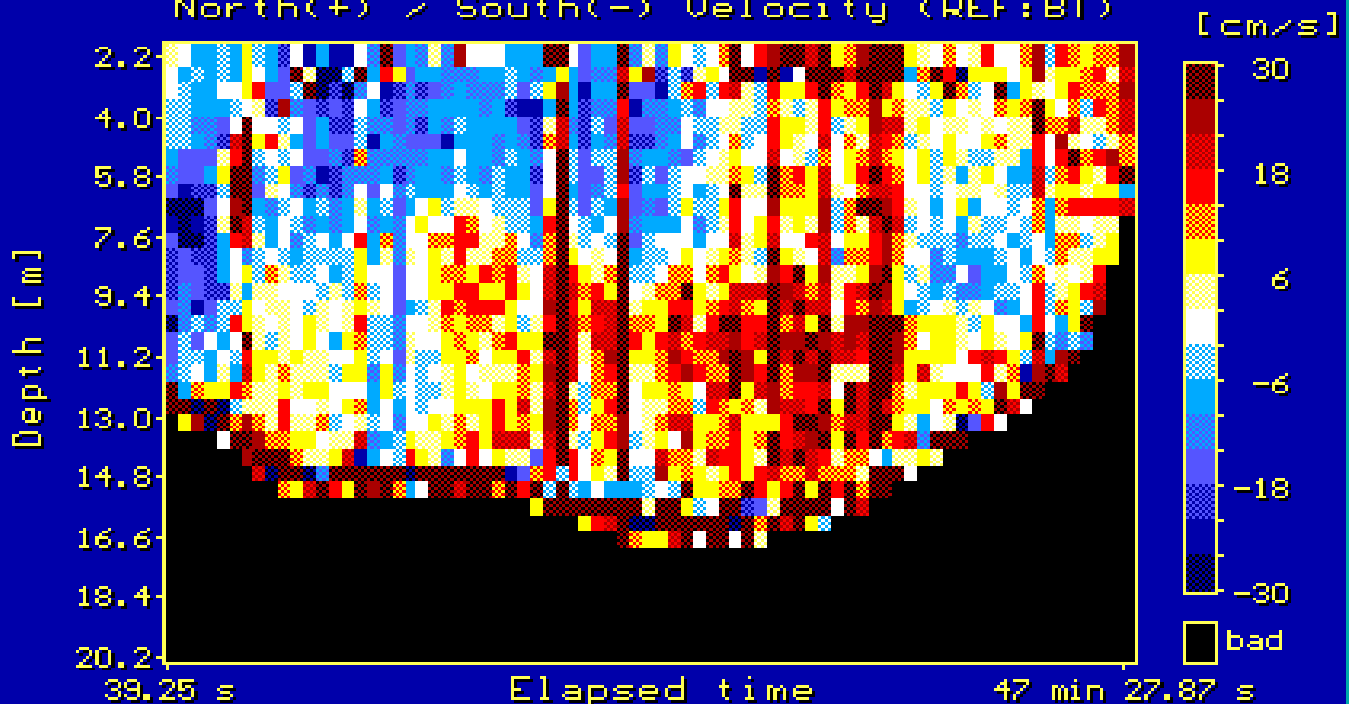
Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 05:17 hr. 3.592 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 05:17 hr. 3.592 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

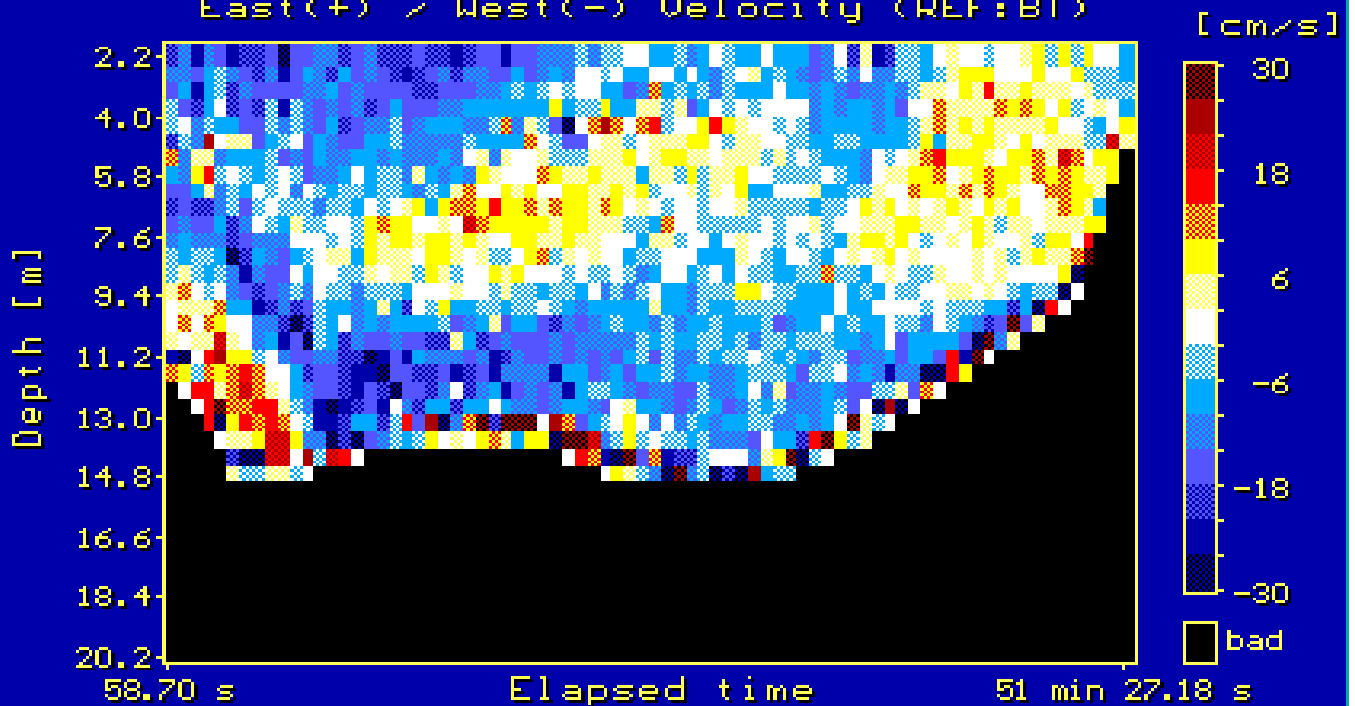
**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 25/02 @ 05:17 HR.**

FIG.
A-18

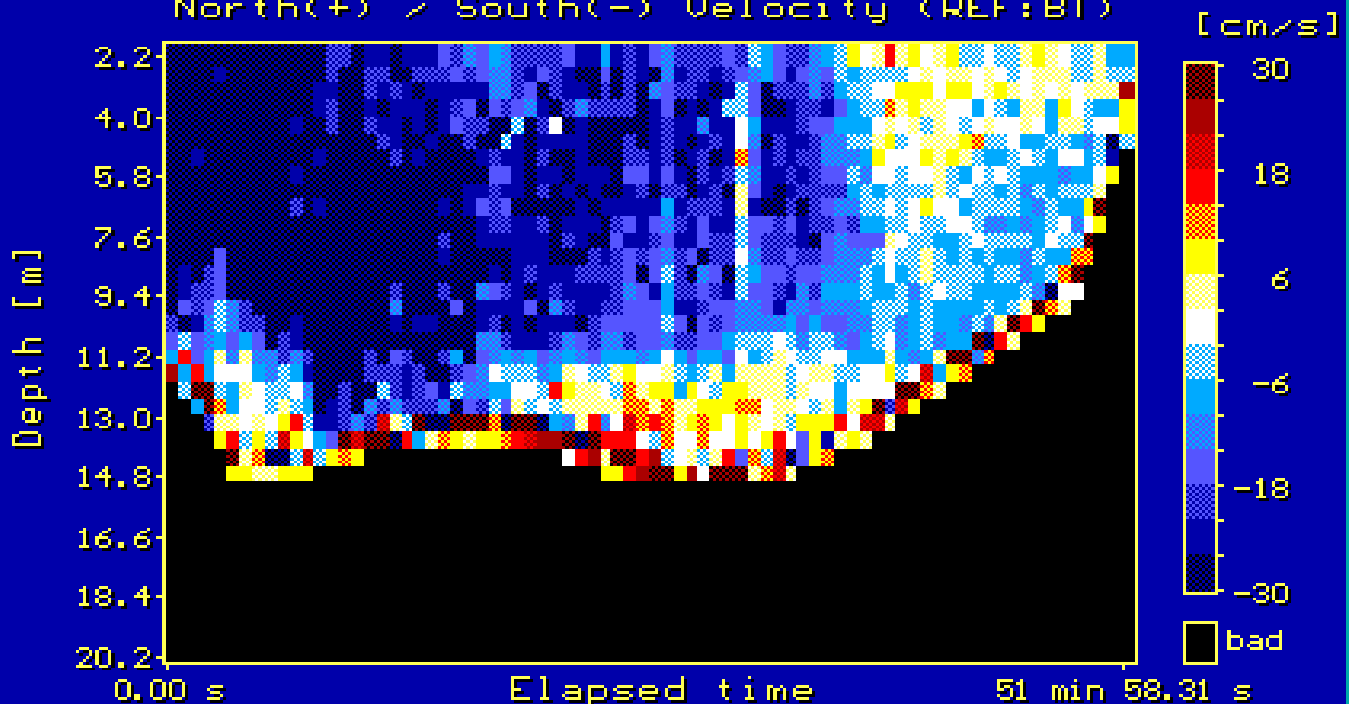
Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 09:07 hr. 1.621 m ebb tide

East(+) / West(-) Velocity (REF:BT)



Semiahmoo Bay Measured Water Velocities
July 25, 2002 @ 09:07 hr. 1.621 m ebb tide

North(+) / South(-) Velocity (REF:BT)



HAY & COMPANY CONSULTANTS INC.

ENVIRONMENT CANADA

**SEMAIHMUO BAY
CIRCULATION STUDY**

**ADCP VELOCITY TRANSECT
JULY 25/02 @ 09:07 HR.**

FIG.
A-19