

SEGMENT INSPECTION RECORD

AUG 14 1989

ADEC # K1-13

Shoreline Segment: BW-3

Shoreline Treatment Process(es) Completed for this Segment

Yards Signed Off

☐

Hot water wash

☐

Mechanical

☐

Warm water wash

☒

Non-mechanical

☐

Water deluge

☐

Other

Exxon

Treatment as indicated above has been completed. Request demobilization from this segment.

Exxon Comments

Signature

Date 8/14/89

Time 1750

Printed Name

Gayle Cannon

Existing Shoreline Condition As
Visually Determined by USCG

Surface Oil

Percent	Degree of Oiling
☐	Heavy
☐	Medium
☐	Light
☐	Very Light

100%

Subsurface Oil

☐

Yes

☒

No

Comment Below

Reassessment

☐

Yes - Necessary

☒

No - Not necessary unless re-oiled

ADEC Rep

Comments

See DNR comments

Existing Shoreline Condition As
Visually Determined by ADEC

Surface Oil

Percent	Degree of Oiling
☒	Heavy
☒	Medium
☒	Light
☐	Very Light

100%

Subsurface Oil

☐

Yes

☒

No

Comment Below

Reassessment

☐

Yes - Necessary

☒

No - Not necessary unless re-oiled

Signature

Date

8-23-89

Time

4:00 PM

Printed Name

Clarke A. Peltz

FOSC Rep

Demobilization approved/disapproved

Comments

PARTICIPANTS: R. SCRUGGS (USCG), D. KIRKBY (USFMS), J. WOLFE (DNR Acting as ADEC)

Signature

Date

8/23/89

Time

1650

Printed Name

ROBERT W. SCRUGGS

Copy: Exxon ADEC FOSC ISCC

Return All Signed Originals to Exxon

ACE 6726050+FS/HF

U
8/9/89
TYPE A SHORELINE CLEANUP WORK ORDER

Date 8/8/89

Shoreline Segment K1-13-BW-1,2,3

Location (see map)

Waterfall Bay

ADEC No. K1-13

Shoreline assessment date 7/26/89

Recommended cleanup activities

BW-1 Manual removal of mousse and tar balls from beach on north side of isthmus at Cape Current. (see map) (very light oiling) BW-2 Manual removal of mousse and tar balls from south east beach of Big Waterfall Bay (very light oiling with locally light areas. BW-3 Manual removal of mousse patties and tar balls along upper intertidal area of sandy/gravelly cove located between Delphin Bay and Little Waterfall Bay.

Priority considerations

BW-1 Class 5-A
BW-2 Class 5-A
BW-3 Class 5-A

Ecological constraints

BW-1 Avoid eagle nests and molting water fowl that may be encountered.
BW-2 Avoid eagle nests. If molting water fowl are encountered, avoid them with skiffs.
BW-3 Avoid eagles nest and molting water fowl encountered during cleanup.

Archaeological constraints (from site survey)

BW-1 Inspection by an archaeological monitor is required during cleanup at north end of segment (Cape Current area).
BW-3 An archaeological monitor is required during cleanup of the large bay at the east end of the segment.

If any archaeological or historical sites or artifacts are discovered during the clean up activity, they must remain undisturbed and the Exxon archaeologist Jim Haggarty contacted (486-5680). (take action prescribed in the "Guideline for Shoreline Cleanup" dated 4/21/89 as ammended).

Submitted by: *[Signature]*

Exxon

Date 8/8/89

Approved: *[Signature]*

Federal On-Scene Coordinator

Date 8/16/89

[Signature]
ACE 6726051

(version 6/04/89)

SHORELINE PRE-CLEANUP ASSESSMENT BLOCK REPORT

Block (see enclosed map): K1-13

Includes Shoreline Segments: BW-1, BW-2, BW-3

Location: Waterfall Bay

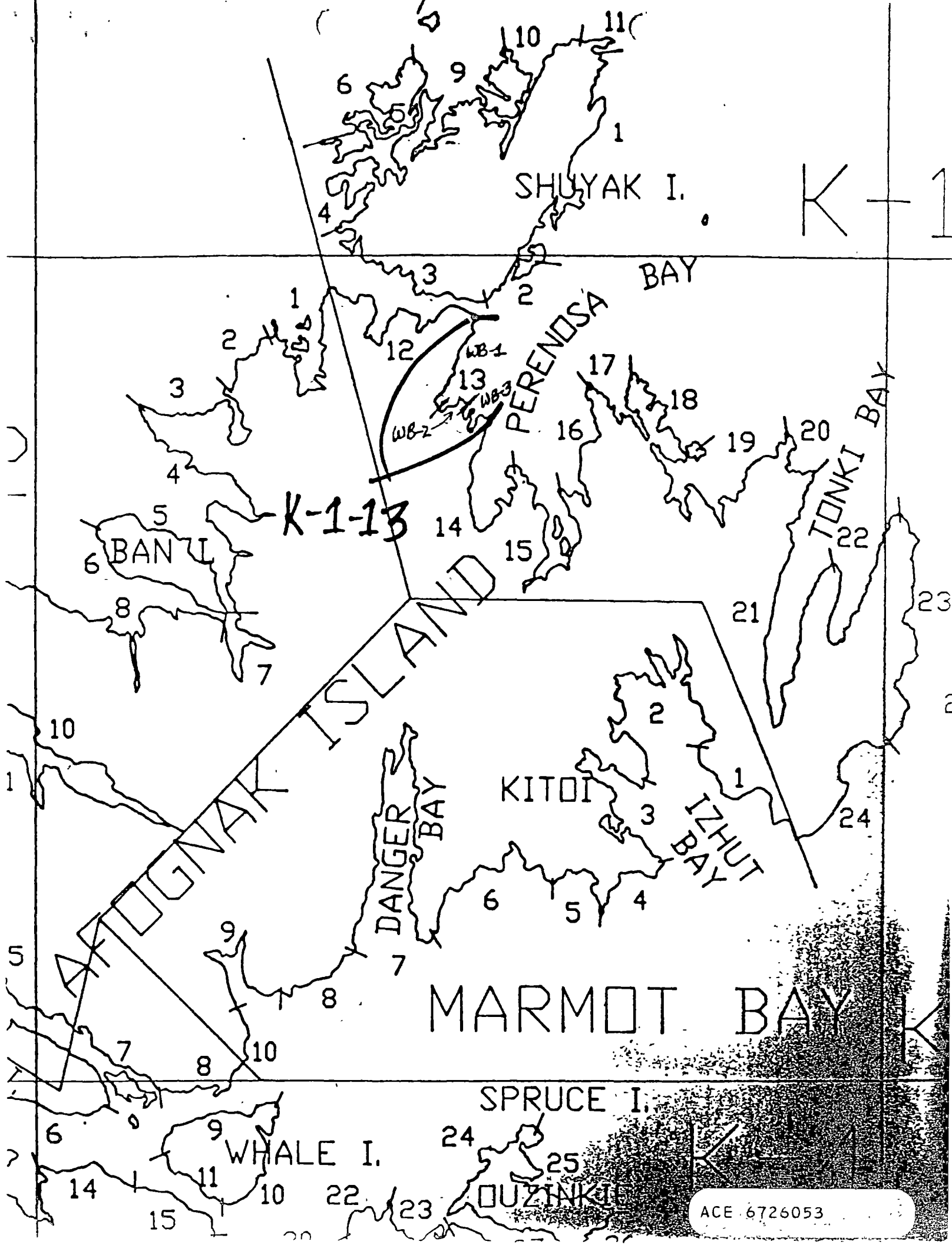
Submitted: _____ Date: _____
(for Exxon)

FOSC Approval: _____ Date: _____

The cleanup procedures identified in the Shoreline Cleanup Program are recommended. Exxon and other field personnel are encouraged to suggest innovations and productivity enhancements to the OSC's on-scene representative. Requirements for safety and the protection of cultural material must be observed.

CC: KISCC

ACE 6726052



DNA Comments:

KI-13 All aerial survey due to physical characteristics of area. No ailing observed at this time. J.W. Jfe

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 7/27/89

SHORELINE SEGMENT K1-13-BW-3

LOCATION: (see enclosed map) sandy/gravel cove beach located on headland of Delphin Bay, to headland on E side of Big Waterfall Bay.

ADEC NO. _____ SHORELINE ASSESSMENT DATE: 7/26/89

Recommended Cleanup Activity(ies):

- Manual removal of mousse patties and tar balls along upper intertidal area of sandy/gravelly cove located between Delphin Bay and Little Waterfall Bay.
- If required, remove upper few inches of cobbles to access buried mousse/tar balls in high tide drift zone.

Priorities/ Considerations: Class 5-A

Ecological Constraints (from site survey):

- Avoid eagle nests and molting water fowl encountered during cleanup.

Archeological Constraints (from site survey):

- An archaeological monitor is required prior to during cleanup of the large bay at the east end of the segment.
- If heretofore undiscovered cultural materials are uncovered during cleanup, contact Exxon's Archeological Field Director and take actions prescribed in the Operational Guidelines for Shoreline Cleanup dated 4/21/89 as amended.

J. David McArthur
State Historic Preservation Officer *

Date: 8/7/89

EXXON: _____

Date: _____

FOSC: _____

Date: _____

*Signature required to satisfy stipulations in Alaska DNR land use permits for tide and submerged lands.

ACE 6726055

SHORELINE OIL EVALUATION

Date: 26 July 1989 Time: 1500
 Surveyed From: Foot/Boat/Helicopter/Plane

Observer: S. BLUESTONE
 Weather: Sun/Cloud/Rain/Snow/Fog

LOCATION

Location: BAYS AND DISTANCES BETWEEN BIG WATER FALL AND DELPHIN BAY Segment ID: K-1-13-3W-3
 Segment Length: 9150 m. Access: Vehicle/Boat/Barge/Helicopter/Float Plane
 Access Restrictions: LOCAL ROCKY OUTCROP INTERIOR HEADLAND AREAS

SHORELINE

Shoreline Type: SPI/BEA/COV/HLD/STRT Slope: Lo/Med/Hi/Vert
 Wave Exposure: High/Med/Low
 Sediment: B 20 % / C 10 % / P 5 % / G&S 45 % / M 5 % / R 15 %

OIL

Avg. Degree of Oiling: HEAVY / MODERATE / LIGHT / VERY LIGHT / NONE OBSERVED
 Area of Impact: SU/SP/H/M/L

OIL DISTRIBUTION

Continuous % of Segment 0 SU/SP/H/M/L H/M/L/VL
 Sporadic % of Segment 15 SU/SP/H/M/L H/M/L/VL

Total	Length(m)	Width(m)	Thickness >1cm:	
Very light:	<u>~1400</u>	<u>0.5-1</u>	<u>to 3cm</u>	SU/SP/H/M/L
Light:	<u>NA</u>	<u>NA</u>	Penetration/Rework:	SU/SP/H/M/L
Moderate:	<u>NA</u>	<u>NA</u>	Burial Depth:	SU/SP/H/M/L
Heavy:	<u>NA</u>	<u>NA</u>		

Mobilization Potential: High/Medium/Low
 Drift Debris Oiled? Y/N Amount: H/M/L/VL SU/SP/H/M/L Type: SPAT.

OIL MORPHOLOGY

	%	H/M/L/VL	SU/SP/H/M/L
Pooled Oil:	<u>0</u>		SU/SP/H/M/L
"Free" Oil:	<u>0</u>		SU/SP/H/M/L
Spattered:	<u>35</u>	<u>H/M/L/VL</u>	<u>SU/SP/H/M/L</u>
Coated:	<u>65</u>	<u>H/M/L/VL</u>	<u>SU/SP/H/M/L</u>
Pancakes/Balls:	<u>65</u>		<u>SU/SP/H/M/L</u>

Preliminary Cleanup Est.

Total TYPE A: _____ m
 Total TYPE B: _____ m
 Total TYPE A/B: _____ m

OIL WEATHERING

	%	SU/SP/H/M/L
Fresh:	<u>35</u>	SU/SP/H/M/L
Mousse:	<u>60</u>	SU/SP/H/M/L
Weathered Mousse:	<u>5</u>	SU/SP/H/M/L
Asphalt Mousse:	<u>5</u>	SU/SP/H/M/L
Bar:		SU/SP/H/M/L

COMMENTS

ACE 6726056

AREA OF FLUVIAL INFLUENCE (Bay between
 LITTLE WATERFALL & BIG WATERFALL BAY) is very calm
 water environ. appeared clean. Similarly, low energy
 LITTLE WATERFALL BAY appeared clean. Perhaps
 off-shore islands have precluded much oiling
 of these areas. Headland to east is lighter oiled.

DOCUMENTATION:

Map/Aerial photo marking segment boundaries

(SEE ATTACHED)

TR: Y/N

Tape Number(s)

?

Photography: Y/N

Roll Number(s)

N/A

Sample Numbers Collected:

N/A

7-26-89

BENCH AT (G)

OILING

many balls and many splat
locally (very light in drift
area). Approx. 10300m pieces
distributed ~ 3-7m apart
along drift/slope fringe

PHYSICAL

LOW TO MOD. Fuzzy sandy/
gravel beach, w/ off-shore
islets / smaller islets.
Tombolo feature in west
bay area. Rocky outcrops
headland/islets with
low gradient beach.
Backshore of beach is
meadow/forest. Some small
drainages trickling across
intertidal. Locally.

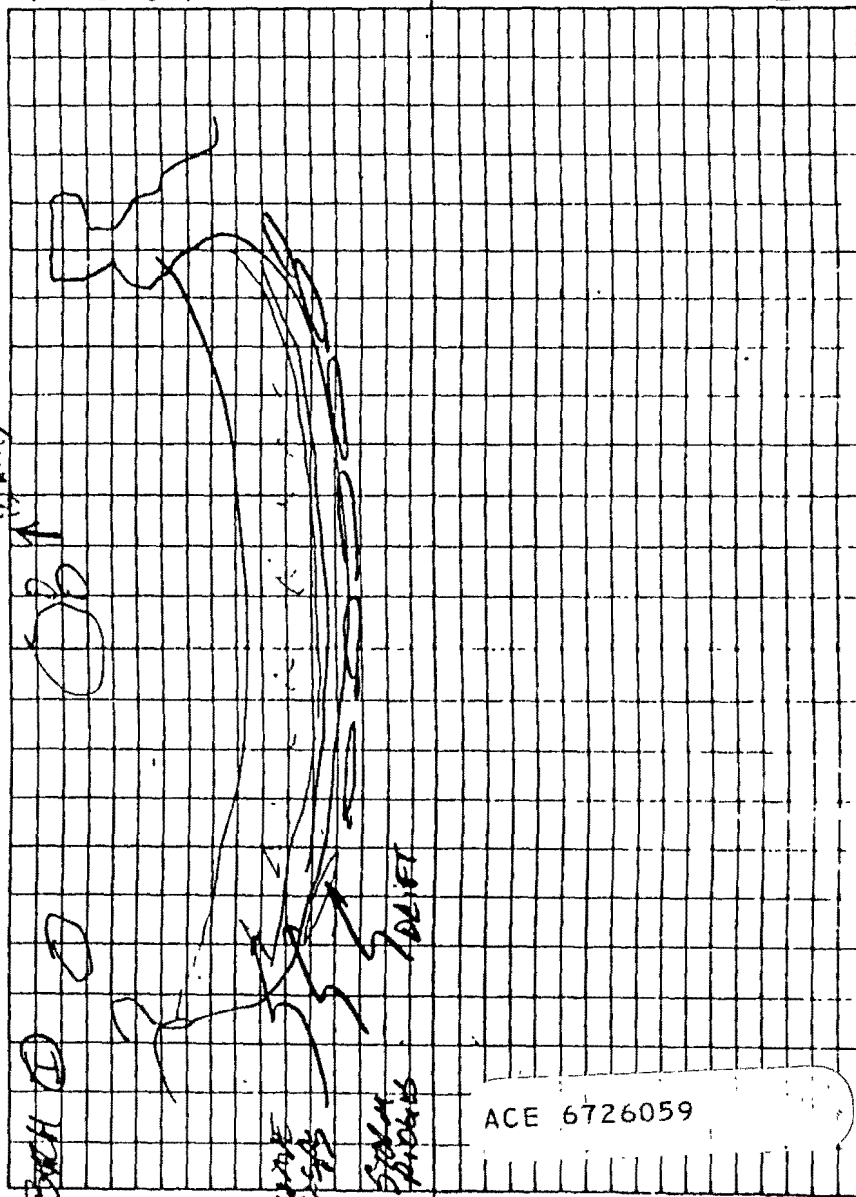
BEGIN
WB-3

1500-Reboarded chopper.

(11) 1509 - checked beach -> no oil
(New Little Waterfall Bay)

ACE 6726058

7-26-89



ACE 6726059

FIELD

1520
(I) BEACH AT Headland

Oiling

monose and tar patches
scattered (very light) along
STORM ridges and some
splat in drift line.
Appears 10-30cm diam, ~
0.5-3m intervals, locally,
generally 3m-10m.
Probable buried monose
(evidenced locally)

Physical

Soil to well rounded
cobbles, gravels and some
sand in LITZ.
Drift line in littoral zone,
storm ridges, and wave
cusps predominate beach
topo. Mod & in H-LITZ,
mod-gradual LITZ

1535 → Left for LODIAX
1600 → ARRIVED AT LODIAX

1-26

7:10 PM

7-27-89

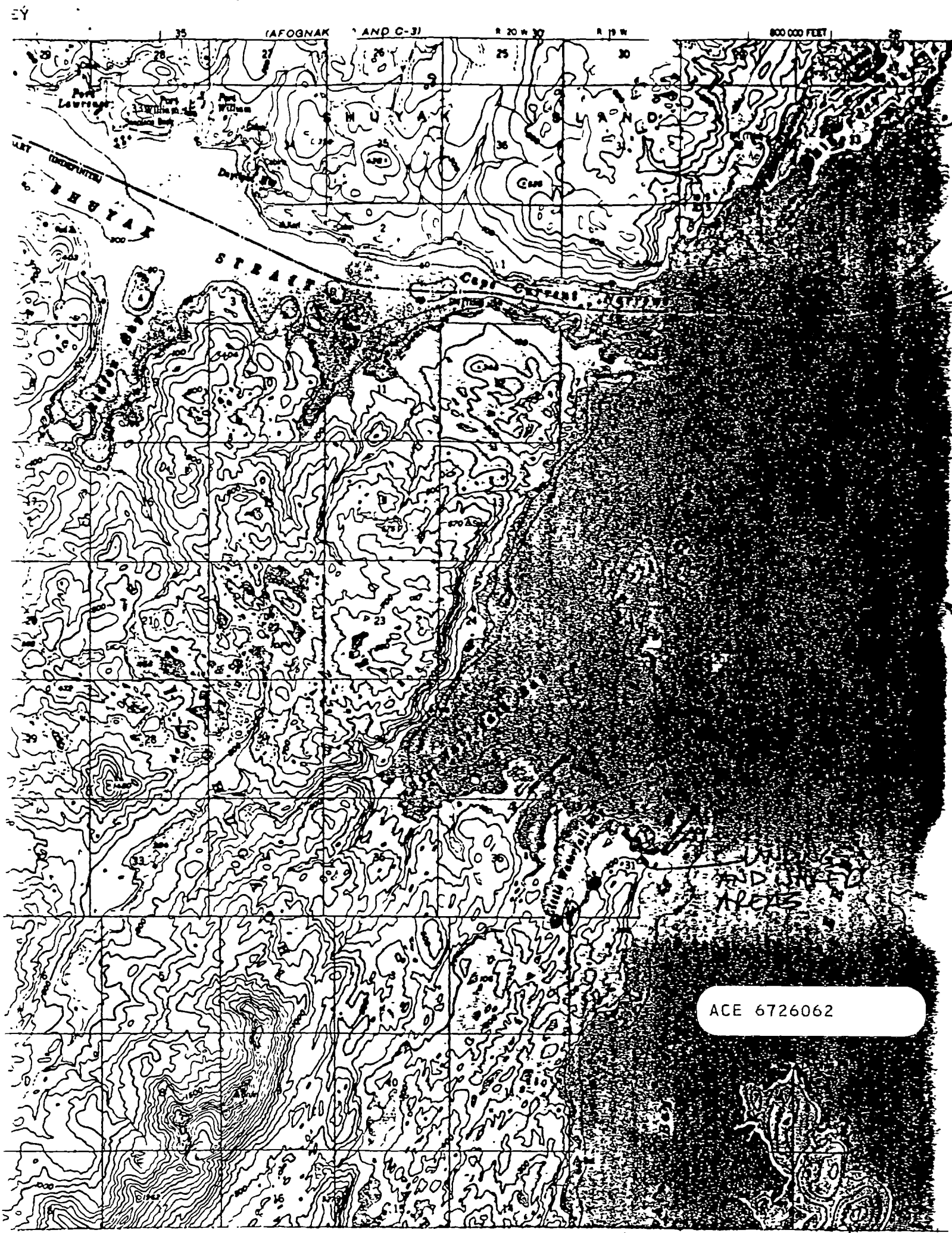
STAKE AND

- small crew needed.
- ask why
- recommend manual
clean-up vehicles
poss.
- low spec. high pressure
eg. if poss
- if bio pressure area
of clean up, specify why
- make hourly tracking
as per sheet & back data
H-10 7-24-89.

FIELD

ACE 6726060

ACE 6726061



ACE 6726062

ECOLOGICAL EVALUATION

LOCATION: Kodiak SITE: Afogwak - OBSERVER: G. Penn
 LOCATION PREFIX: K1-13 SEG. NO.: BW-3 LENGTH: 9150 (M)
 DATE: 07/26/89 TIME (HHMM): 15:00 TIDE HT.: 1.1 (M)

OILED ZONE: Splash High Medium Low

SUBSTRATUM: Rocks Boulder Cobble Gravel Sand Mud

LIVE BIOTA

Fucus (algae): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

Generally on Boulders + Angular Rock in LITZ.

Mytilus (Mussels): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

Generally on Larger Angular Rock + Pinnacles in LITZ.

Balanus (Barnacles): Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

Most in LITZ on cobble, Boulders, Rock.

Littorina

Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

Common to dense on Boulders + Angular Rock, especially @ MITZ
on headlands

Limpets: Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/N

None observed

OTHER OBSERVATIONS: Tide Pools contain Chitons, Anemones, Sponges,
Bryozoans + Skulpins.

CLEANUP PRECAUTIONS: Type "A" Cleanup will not significantly
impact intertidal biota. Avoid eagle nests. If molting
waterfowl encountered avoid them with skiffs.

MAMMALS: Otters ✓ Harbor Seals Sea Lions Whales
 Other

BIRDS: Eagles, Gulls, waterfowl

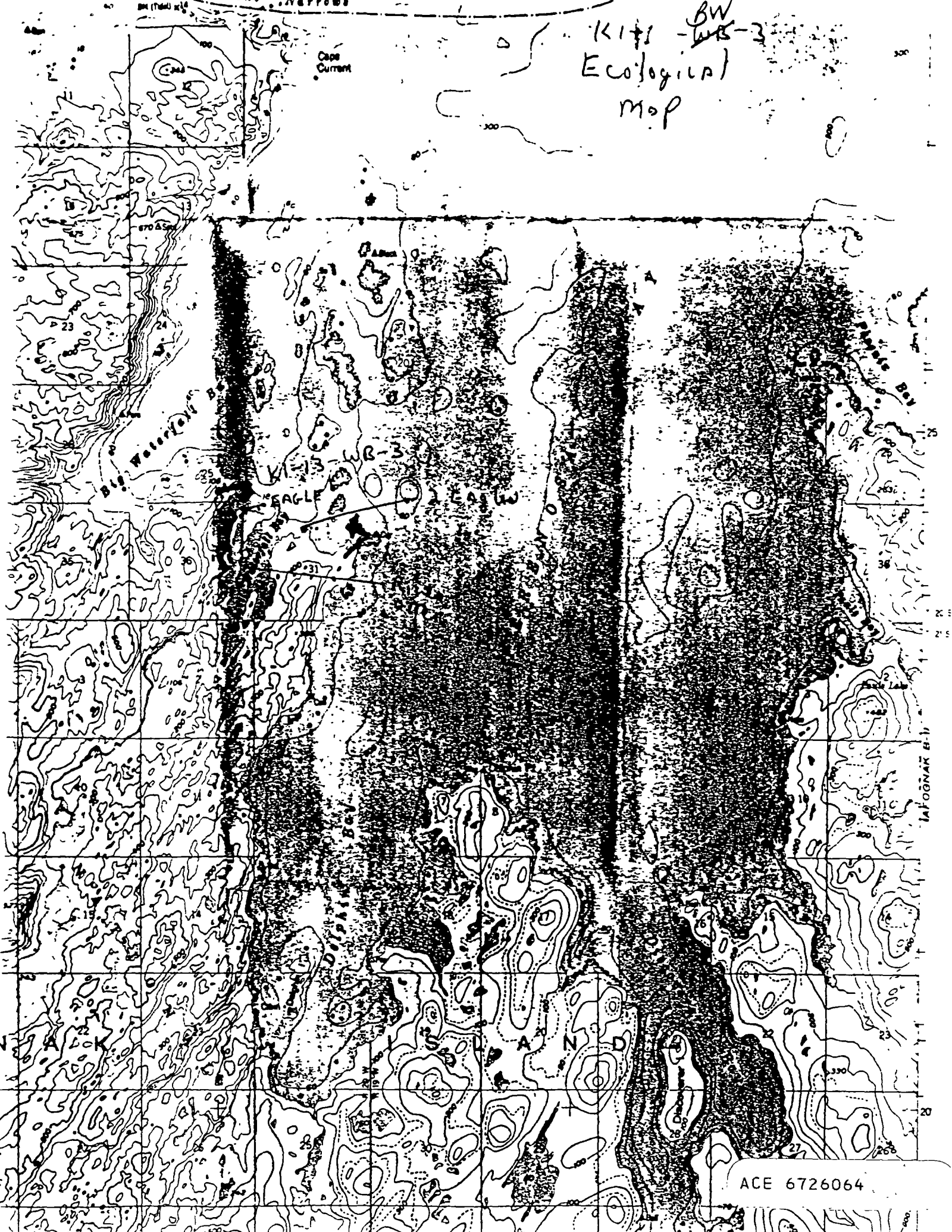
GENERAL OBSERVATIONS:

ACE 6726063

Current Narrows

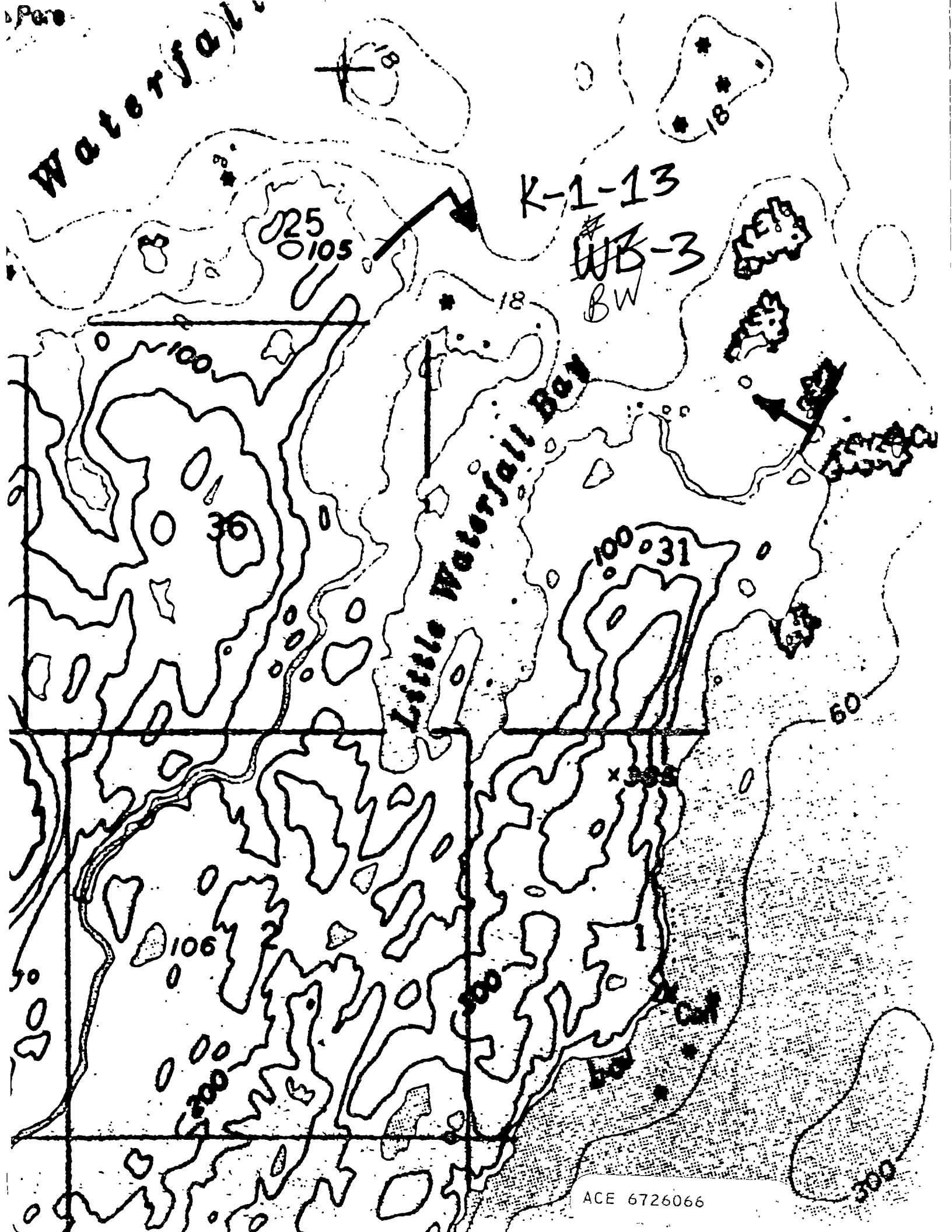
K1+1 - BW
Ecological
map

Cape
Current



ACE 6726064

OIL COLOR MAP
BW
K-1-13-~~WB~~-3



Waterfall

K-1-13

WB-3
BW

25
105

Little Waterfall Bay

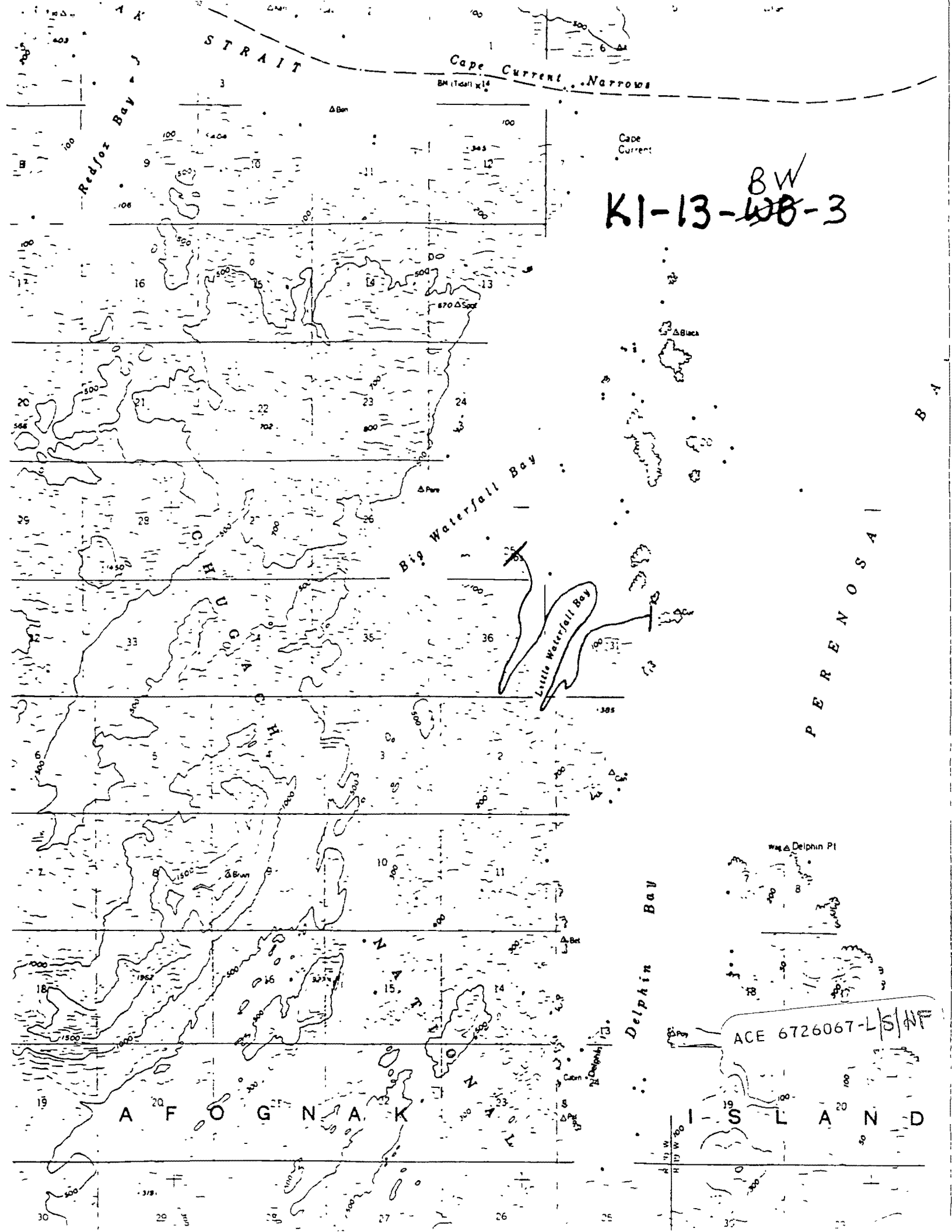
30

31

106

300

300



STRAIT

Cape Current Narrows

Red Fox Bay

Cape Current

BW
KI-13-408-3

Big Waterfall Bay

Little Waterfall Bay

PERENOSAI

Delphin Bay

AFOGNACK

ACE 6726067-L/S/NF

ISLAND