ORIGINAL

SEGMENT INSPECTION RECORD

RECEIVED AUG 14 1989

ADEC # K9-28 Shoreline Segment: KI-1

Shoreline Treatment Process(es) Completed for this Segment

Yards Signed Off

[ ]	Hot water wash	[ ]	Mechanical
[ ]	Warm water wash	[X]	Non-mechanical
[ ]	Water deluge	[ ]	Other

Exxon

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

Exxon Comments

Signature _____ Date 8/15/89 Time 1230

Printed Name Gayle Cannon

Existing Shoreline Condition As Visually Determined by USCG

Surface Oil

Percent	Degree of Oiling
	Heavy
	Medium
	Light
21	Very Light

100%

Subsurface Oil

[ ] Yes [X] No

Comment Below

Reassessment

[ ] Yes - Necessary

[X] No - Not necessary unless re-oiled

Existing Shoreline Condition As Visually Determined by ADEC

Surface Oil

Percent	Degree of Oiling
0	Heavy
0	Medium
0	Light
21	Very Light

100%

Subsurface Oil

[ ] Yes [X] No

Comment Below

Reassessment

[ ] Yes - Necessary

[X] No - Not necessary unless re-oiled

ADEC Rep

Comments 2 spot checks, one outside of Russian anchorage spit, the over

Signature _____ Date 8-21-89 Time 5 PM

Printed Name Clarke A Pelz

FOSC Rep

Demobilization approved/disapproved

Comments Inspected with ADEC, KPS & Exxon Rep

Signature _____ Date 8-21-89 Time 1858

Printed Name _____

Copy: Exxon ADEC FOSC ISCC Return All Signed Originals to Exxon

ACE 1951741
+I/F/S/HF

ADEC Across the bay ~~the~~ revealed no oil. Aerial fly by evinced no obvious oil. Finally the orientation of the bay is such that it would have escaped the initial oiling.

ACE 1951742

Shoreline Segment Tracking Form

Zone	Unit-SubUnit-Segment ID	Date
KODIAK	K9-28 : KKI-901	8/21/89

Shoreline / Segment Name

KINAK BAY

Predominant Sediment (circle one)

Boulder (>256 mm) | Cobble (64-256 mm)
Pebble (4-64 mm) | Gravel (2-4 mm)
Sand (0.06-2 mm) | Mud (<0.06 mm)
Rock | Vertical Cliff

Impact Classification (circle one) **

Heavy | Moderate
Light: NONE | Very Light

Oiling On Debris (circle one)

Heavy | Moderate
Light | None

Seg. Length (yds)	Oiled Width (yds)	% of Seg. Area* Oiled	Penetration (In.)
8,237	Ø	Ø	Ø

* Seg. Area=Seg. Length x Oiled Width

Treatment / Notes

Beach Treatment / Gross Contamination Removal

Start Date

Completed Date

Form Filled Out By (circle one)

SCAT | ADEC | ADF&G | NPS
USFWS | USCG | NOAA | Other_____

** Heavy - >50% discontinuous coverage or >6m continuous band.
Moderate - 10 to 50% discontinuous coverage or 3 to 6 m continuous band.
Light - 1 to 10% discontinuous coverage or 1 to 3m continuous band.
Very Light - <1% discontinuous coverage or <1m continuous band.

Observer: D.M MAGUIRE

This form must be completed for any beach segment that is being treated, other than SCAT segments, and must be submitted with a map attached which shows the segment boundaries.

ACE 1951743

ORIGINAL

TYPE A SHORELINE CLEANUP WORK ORDER

RECEIVED 8/9/89

Date 8/8/89 **Shoreline Segment** K9-28-KI-1

Location (see map)

Kinak bay, East shore

ADEC No. K9-28 **Shoreline assessment date** 7/24/89

Recommended cleanup activities

Manual removal of mousse patties (see segment map for location.)

Priority cosiderations

Class 5-A

Ecological constraints

Avoid eagle nests.

Archaeological constraints (from site survey)

If cleanup is planned for any portion of the segment other than that indicated on the geologists map, a full archaeological assessment of the segment must be conducted.

If any archaeological or historical sites or artifacts are discovered during the clean up activity, theey 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: _____ **Date** 8/8/89
Exxon

Approved: _____ **Date** 8 Aug 89
Federal On-Scene Coordinator
By Dierdorf

ACE 1951744

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 7/24/89 SHORELINE SEGMENT K9-28-KI-1

LOCATION: (see enclosed map) Kinak Bay, East shore

ADEC NO. SHORELINE ASSESSMENT DATE: 7/24/89

Recommended Cleanup Activity(ies):
-Manual removal of mousse patties (see segment map for location.)

Priorities/ Considerations: Class 5-A

Ecological Constraints (from site survey):
-Avoid eagle nests.

Archeological Constraints (from site survey):
-If cleanup is planned for any portion of the segment other than that indicated on the geologists map, a full archaeological assessment of the segment must be conducted.

Douglas Kegler Date: 8-2-89
State Historic Preservation Officer *

EXXON: Date:

FOSC: Date:

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

ACE 1951745

ersion July 05, 1989)

SHORELINE OIL EVALUATION

te: 7/24 / Time: 1430 Observer: M. Acton
yed From: Foot/Boat/Heli/Plane Weather: Sun/Cloud/Rain/Snow/Fog

CATION
cation: Kinak Bay East shore Segment ID: K9-E8-EJ-1
gment Length: 15 Km m. Access: Vehicle/Boat/Barge/Heli/Float Plane
cess Restrictions:

ORELINE
oreline Type: SPI/BEA/COV/HLD/STRT Slope: Lo/Med/Hi/Vert
ve Exposure: High/Med/Low
diment: B ___ % / C 10 % / P ___ % / G&S 15 % / M ___ % / R 75 %

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

L DISTRIBUTION
ntinuous % of Segment ____ SU/SP/H/M/L H/M/L/VL
oradic % of Segment 1 SU/SP/H/M/L H/M/L/VL

tal	Length(m)	Width(m)
ry light:	100	3
ght:		
derate:		
:		

Thickness >1cm: ____ cm SU/SP/H/M/L
Penetration/Rework: ____ cm SU/SP/H/M/L
Burial Depth: ____ cm SU/SP/H/M/L

bilization Potential: High/Medium/Low
ift Debris Oiled? Y/N Amount: H/M/L/VL SU/SP/H/M/L Type: ____

L MORPHOLOGY

oled Oil:	%		SU/SP/H/M/L
ree" Oil:	%		SU/SP/H/M/L
lattered:	20 %	H/M/L/VL	SU/SP/H/M/L
ated:	%	H/M/L/VL	SU/SP/H/M L
ncakes/Balls:	80 %		SU/SP/H/M/L

Preliminary Cleanup Est.
Total TYPE A: 100 m
Total TYPE B: ____ m
Total TYPE A/B: ____ m

L WEATHERING

esh:	%	SU/SP/H/M/L
usse:	%	SU/SP/H/M/L
athered Mousse:	80 %	SU/SP/H/M/L
phalt Mousse:	%	SU/SP/H/M/L
r:	20 %	SU/SP/H/M/L

MMENTS

Very light oil impact consisting of mousse pools was observed approx high tide line. mousse pools were small, < 8cm diameter. Beach is sand/rock fragments. Manual cleanup should be rapid and easy. See segment map for location of this beach.

ACE 1951746

DOCUMENTATION:

Aerial photo marking segment boundaries See Attached Map

VTR: Y/N Tape Number(s) _____

Photography: Y/N Roll Number(s) MA4

Sample Numbers Collected: _____

41

Acton Penn Jordan — Snow Usco UPS

1345 Depart Kodiak
1430 Kinak Bay
1435 - no oil — pocket beach
1452 - no oil — beach — sand/cobble / pebble
300 m - wooded
1515 VL mousse pudding
rock frag/sand beach
MN 4 7 W
8 E
Sprane 5m bank

ACE 1951748

42

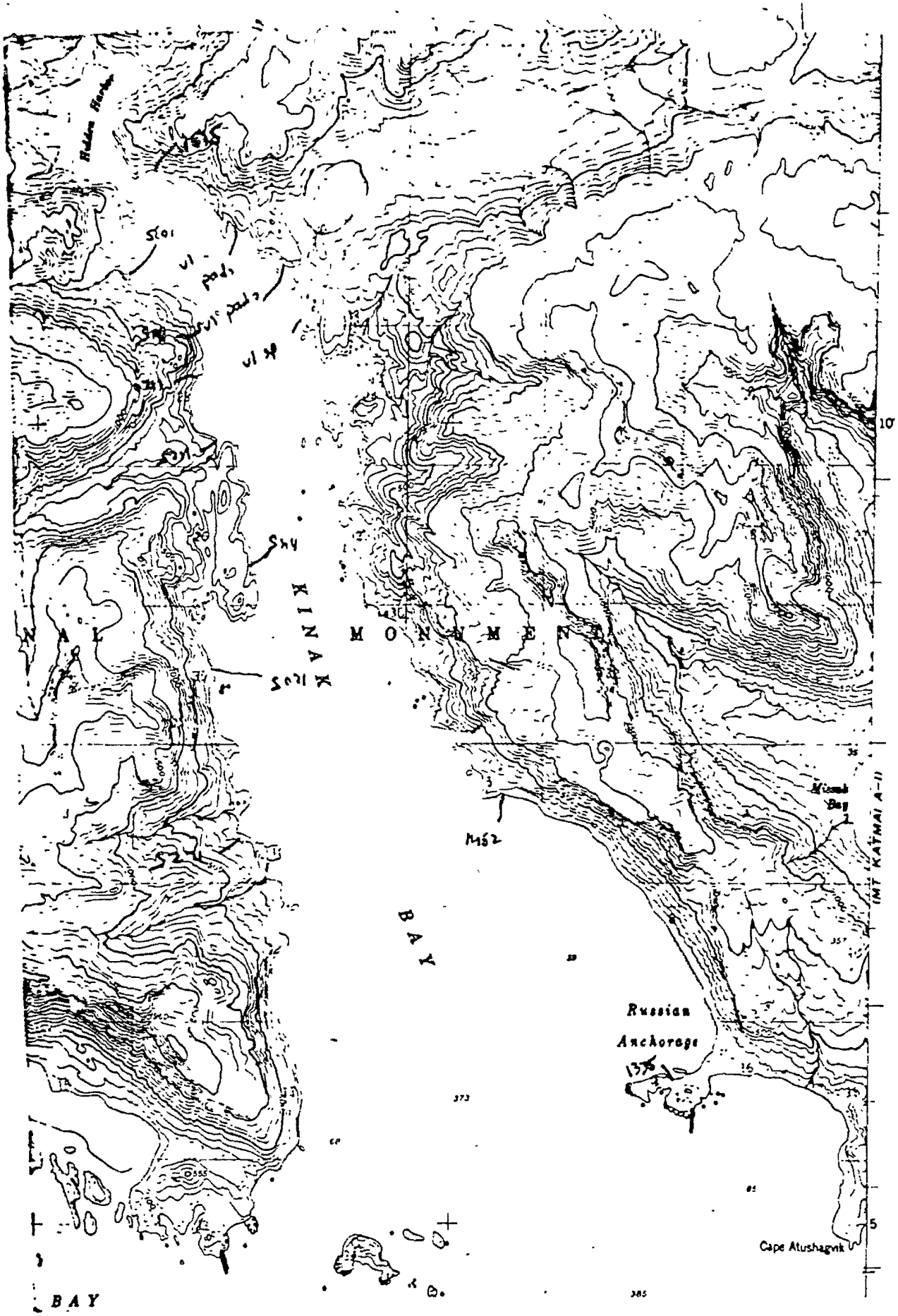
TUESDAY

7/25 0840 Depart Kodiak for Kinak Bay
Acton Penn Jordan Cramer Moss / Snow Usco

Begin Kinak Bay 1030
1035 TD - rock fragment / cobble breccia - dutton
200 m beach
50m wide
No oil observed
1115 pocket sand beach - no oil
1120 2 splat on cobbles observed
1125 no oil stream delta
Sand / cobble
200m long 25m wide

1145 VL splat - black surface - brown once
up to 1cm thick f.l
1205 ~~no oil observed~~ - sand pocket beach
1m band of splat below drift line 75m long
VL splat on cobble / rock frag
1225 no oil observed
1236 to F/O/I dump
1330 leave fuel dump
1348 start segment again
1400 pocket beach - 1 oil/sand pool, 3 Prane
1410 end segment

ACE 1951749



Map from notes

version: 4/24/89

ECOLOGICAL EVALUATION

LOCATION: Kodiak SITE: Alaska Peninsula - Kinak Bay OBSERVER: G. Penn

LOCATION PREFIX: K9-28 SEG. NO.: KI-1 LENGTH: _____ (M)

DATE: 07/24/89 TIME (HHMM): 1425 TIDE HT.: 0.7 (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, Limited to Larger Angular Boulders + Rock in LITZ

Mytilus (Mussels): Patchy (Y)/N Contin. Y/(N) Dense (Y)/N Sparse (Y)/N None Y/(N)
Generally, Limited to larger Angular Boulders + Rock in LITZ
Some Cobble Colonies in Russian Anchorage.

Balanus (Barnacles): Patchy (Y)/N Contin. Y/(N) Dense (Y)/N Sparse Y/(N) None Y/(N)
Generally Limited to Larger Boulders & Rock, occassionally found in dense patches on cobble Beaches in L.I.T.Z.

Littorina Patchy (Y)/N Contin. Y/(N) Dense (Y)/N Sparse (Y)/N None Y/(N) discernable
Occassionally occur in Dense Congregations - No Pattern to Distribution

Limpets: Patchy Y/N Contin. Y/N Dense Y/N Sparse Y/N None Y/(N)
None observed

OTHER OBSERVATIONS: Subtidal + LITZ in area shelikof Strait frontage at mouth of Bay is occassionally dense with Ribbon kelp.

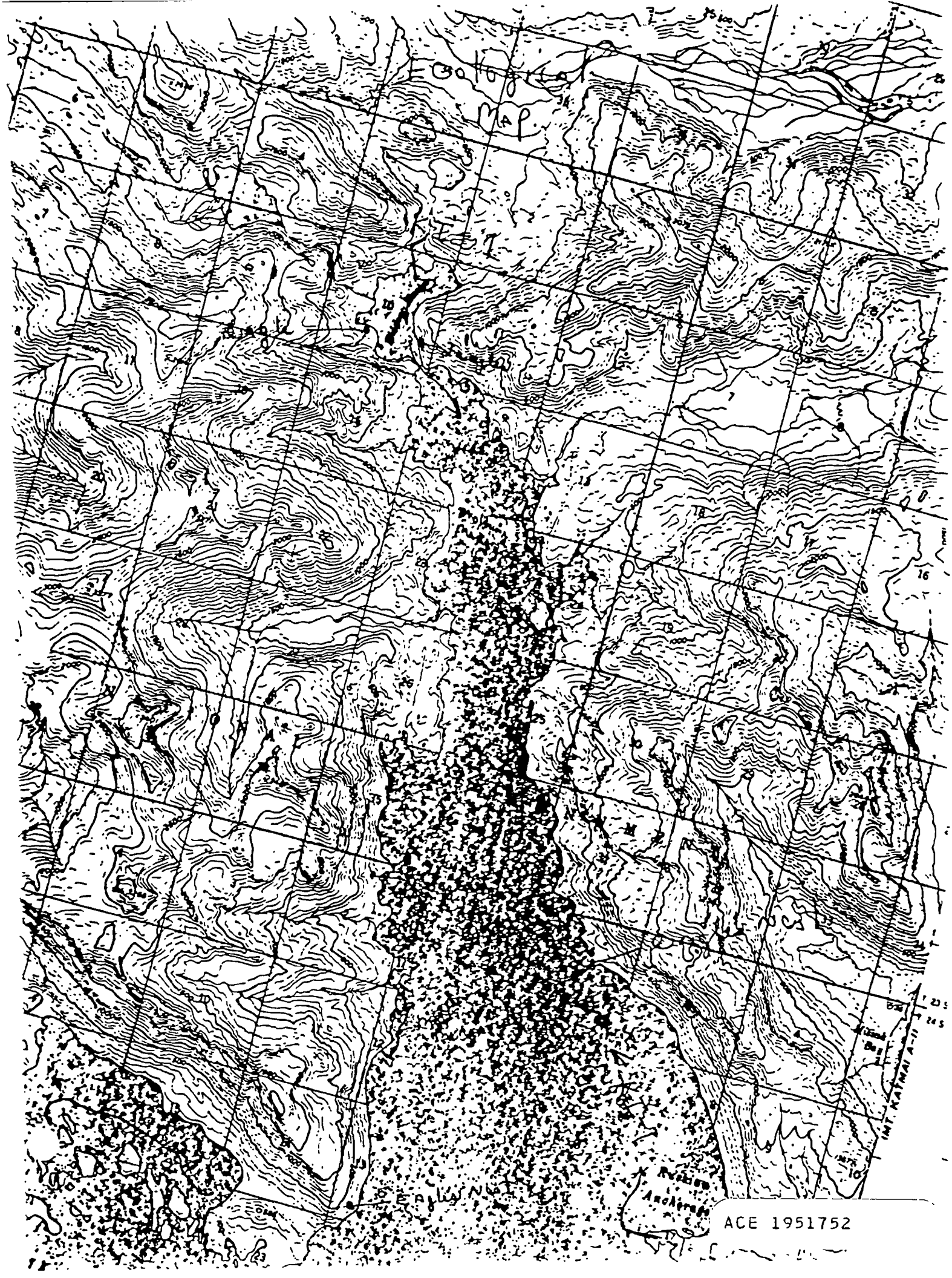
CLEANUP PRECAUTIONS: Avoid any observed eagles nests. Type "A" cleanup should not impact any intertidal biota. Do not disturb substrate in stream beds.

MAMMALS: Otters ____ Harbor Seals ____ Sea Lions ____ Whales ____
Other Bear

BIRDS: Eagles, flocks of Molting Mergansers

GENERAL OBSERVATIONS: _____

ACE 1951751


Geology
Map
ACE 1951752

JORDAN PART ONLY

(Version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date July 24, 25 (Jordan) Location KINAK BAY site 15 km

Location Prefix K9-2B Segment # K1-1 Length ~~23 miles~~ Total Kinak Bay

Survey Method: Jordan / Moss.

Air _____ (A - indicate on map) Boat / (A - indicate on map)

Ground _____ (G - indicate on map)

Known cultural resources (AHRS #) X MK-56 Data Source AHRS

Oil conditions/beach visibility very light acc'd to Acton's notes

Width of beach zone surveyed 5 m Tree fringe surveyed 5

Cultural resources observed in beach zone (AHRS code) HSP, MDN

Cultural resources observed in tree fringe (AHRS code) FCR

General observations justifying survey method and segment's site probability:

Shore Profile steep slopes, vertical cliffs dominate, gently sloping pocket beaches of sand/gravel.

Fresh Water Sources numerous small streams.

Sea Exposure highly variable - open exposed outer coast to very sheltered harbor at head of bay

Access/Safety variable

Probability of undiscovered sites in beach zone (circle one) 1 2 3 4 5 - insufficient groups to support recommendation.

Monitoring during cleanup needed (yes) no Collection yes/(no) 8-1-89

Photos: Color Roll # _____ Frames _____

B/W Roll # _____ Frames _____

ACE 1951753

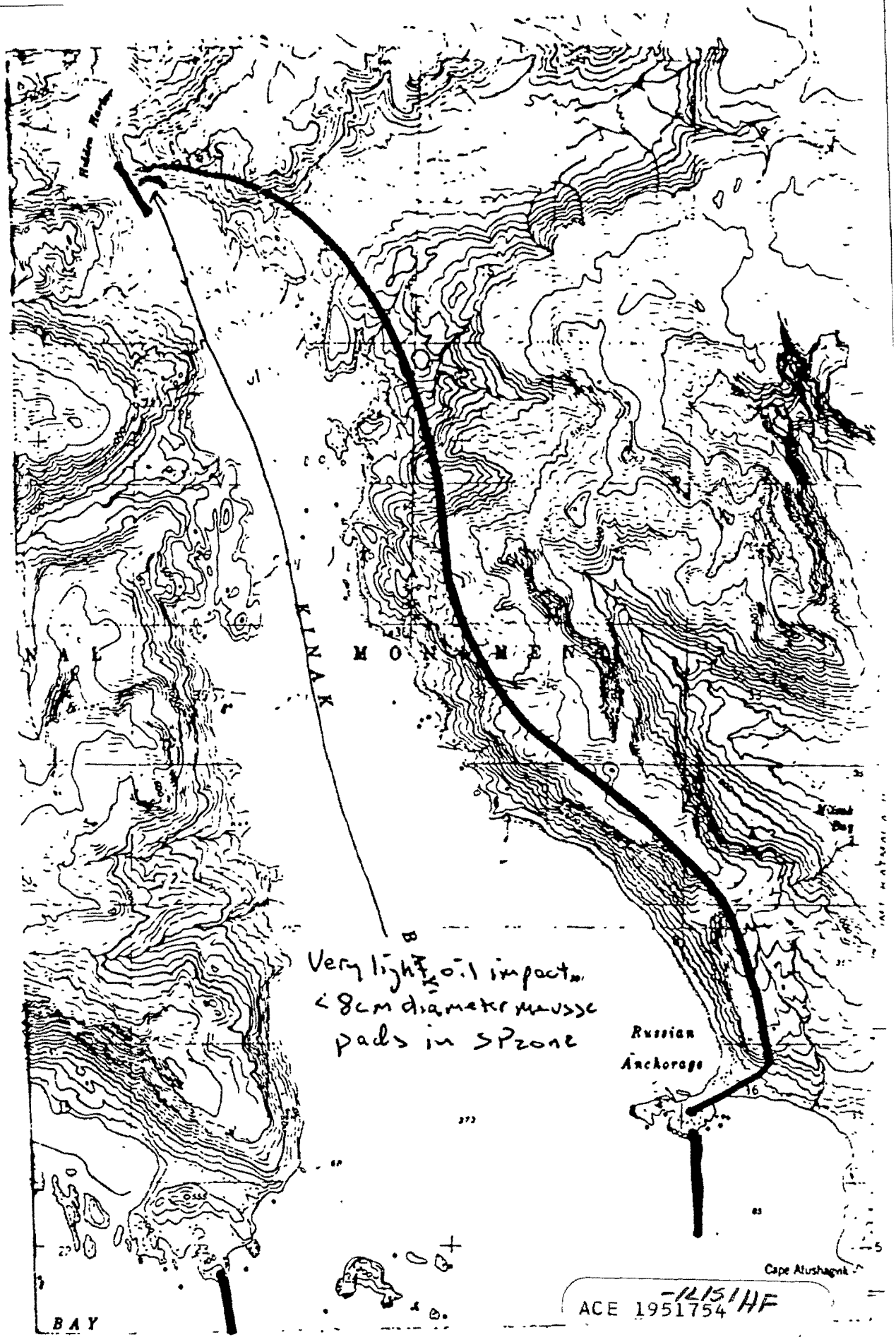
Observer(s) R. JORDAN / M MOSS.

Time survey started 2:37 pm. Time survey ended 4 pm.

Cultural resource considerations/restraints: S.C.A.T.

> my rec. → arch reassessment → too fast to rapid to properly evaluate/document sites in front of cleanup operations. Monitor required

MADONNA - Combine w your notes please — Dr. Dick



K9-28-KI-1

Segment Map