

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST



STREAM#: 2622010010
SEGMENT: HB005

PAGE 67

DATE PRINTED: 07/25/91

LOCATION: HALLO BAY

SURVEY TYPE: 90 PRE SCREEN - SS

METHOD: GROUND

DATE: 04/27/90

TEAM RECORDER: WEISS

START TIME: 0910

OBSERVERS: BARNHART

END TIME: 0930

TIDES: EBB

AGENCY: FG

OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: Y

STATION: 2622010010

ROLL#: 90EWW002K

FRAME: 35

VIDEO TAKEN: N

TAPE#: -0-

START: -0-

END: -0-

SAMPLES TAKEN: N

SAMPLE NUMBERS: -0-

-0-

-0-

-0-

-0-

-0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: N

OIL ON BEACH BY MOUTH: N

WAVE EXPOSURE: LOW

SHORELINE TYPE: LAGOON

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE -0- VEGETAT -0-

GRAVEL 50 SAND 50 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: -

SPECIES: -0-

COUNT: -0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 70

DATE PRINTED: 07/26/91

STREAM# : 2622010010
SEGMENT#: HB005

SURVEY TYPE : 90 PRE SCREEN - SS LOCATION: HALLO BAY
DATE: 04/27/90
TIMES: 0910 - 0930 TEAM RECORDER: WEISS

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0- <i>N</i>

COMMENTS:

NO OIL FOUND. WOLF TRACKS (1) IN RIVER DRAINAGE. RECOMMEND; NO ANADSSAT
NEEDED.

90. Prescreen

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS SS DS TS AVS SCHA MMS PTA

2 REGION: PWS KP, CI K, AP

METHOD: Aerial Ground Boat

3 DATE: 4/27/90

15 HIGH TIDE TIMES: 1

21 TEAM RECORDER: E. WEISS

4 START TIME: 0910

16 HIGH TIDE HTS: 1

22 OBSERVERS: J. BARNHART

5 STOP TIME: 0930

17 LOW TIDE TIMES: 1054,

23 AGENCY: ADFG

6 SEGMENT #: HB005

18 LOW TIDE HTS: -3.9,

24 PHOTOS TAKEN: Y N

7 STATION #: _____

19 TIDE HT AT SURVEY: _____

Roll #: 90EWW
002-1 Frame: 35

8 K-UNIT: K0919

Ebb Slack Flood Slack

25 VIDEO TAKEN: Y N TAPE#: _____

9 STAT AREA: _____

20 USCG QUAD: _____

Start: _____ End: _____

10 LAT: _____

11 LONG: _____

26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loran

011 _____

13 LOCATION: HALLO BAY, AK PENINSULA

Sediment _____

14 DESCRIPTION: _____

Biological _____

Water _____

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	%	L	W	M ²	%
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								

36 CATALOGED ANAD. FISH SREAM? (Y) N

37 CATALOG #: 262-20-10010

38 STREAM NAME: NINAGIAK CREEK

39 OIL IN STREAM BED? Y N

40 OIL ON STREAM BANKS? Y N

41 OIL ON BEACH ADJACENT TO MOUTH? Y N
(within 50 meters)

42 OIL WITHIN 1 MILE OF STREAM? Y N

Where: NOT SURVEYED

30 OVERALL OIL IMPACT: (N) VL L M H

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

32 OILED DEBRIS? Y (N)

33 SHORELINE TYPE: Headland Lagoon Low-lying Rocks Marsh Beach Cove

34 WAVE EXPOSURE: High Moderate Low

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble _____
Gravel 50 Sand 50 Mud/silt _____

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION
Species Aerial Ground

<u>NON</u>	<u>observed</u>	

COMMENTS: NO OIL FOUND. WOLF TRACKS (1) IN RIVER DRAINAGE.

+I/F/HF
ACE 1951606

RECOMMEND: NO ANADSSAT NEEDED

E. Weiss
Jeff Barnhart

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS SS DS TS AVS SCHA MMHS PTA

2 REGION: PWS KP,CI K,AP

METHOD: Aerial Ground Boat3 DATE: 4/27/9015 HIGH TIDE TIMES: 121 TEAM RECORDER: E. WEISS4 START TIME: 091016 HIGH TIDE HTS: 122 OBSERVERS: J. BARNHART5 STOP TIME: 093017 LOW TIDE TIMES: 1054,23 AGENCY: ADFG6 SEGMENT #: HB00518 LOW TIDE HTS: -3.924 PHOTOS TAKEN: Y N7 STATION #: 19 TIDE HT AT SURVEY: Roll #: 902-1K Frame: 358 K-UNIT: K0919Ebb Slack Flood Slack25 VIDEO TAKEN: Y TAPE#: 9 STAT AREA: 20 USCG QUAD: Start: End: 10 LAT: 11 LONG: 26 SAMPLES TAKEN? Y Number

12 SOURCE: Map Loran

Oil 13 LOCATION: HALLO BAY, AK PENINSULASediment 14 DESCRIPTION: Biological Water

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	%	L	W	M ²	%
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								

30 OVERALL OIL IMPACT: N VL L M H36 CATALOGED ANAD. FISH SREAM? Y N37 CATALOG #: 262-20-1001038 STREAM NAME: NINAGIAK CREEK39 OIL IN STREAM BED? Y Y40 OIL ON STREAM BANKS? Y Y41 OIL ON BEACH ADJACENT TO MOUTH? Y Y
(within 50 meters)42 OIL WITHIN 1 MILE OF STREAM? Y N

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

32 OILED DEBRIS? Y NWhere: NOT SURVEYED33 SHORELINE TYPE: Headland Lagoon Low-lying Rocks Beach Cove43 ANADROMOUS FISH PRESENT? Y N34 WAVE EXPOSURE: High Moderate Low

44 ANADROMOUS FISH OBSERVATION

35 SUBSTRATE TYPE: Bedrock Boulder Cobble

Species Aerial Ground

Gravel 50 Sand 50 Mud/silt

<u>NON</u>	<u>observed</u>	

COMMENTS: NO OIL FOUND. WOLF TRACKS (1) IN RIVER DRAINAGE.T/F/HF
ACE 1951606

RECOMMEND: NO ANADSSAT NEEDED

Jeff Barnhart

FRAME(S)	DESCRIPTION
35	AERIAL OF STREAM MOUTH

46 OIL DISTRIBUTION DIAGRAM

= Sample taken
 = Photo frame # and
 shot direction.

ACE 1951607

SEGMENT INSPECTION RECORD

ADEC # K9-19

Shoreline Segment:

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 *[Signature]*

Date 8/9/89

Time 1600

Printed Name

Jim Wade

Existing Shoreline Condition As Visually Determined by USCG

Surface Oil

Percent	Degree of Oiling
<u>5</u>	Heavy
<u>10</u>	Medium
<u>15</u>	Light
<u>20</u>	Very Light

100%

Subsurface Oil

☒ Yes

☒ No

Comment Below

Reassessment

☐ Yes - Necessary

☒ No - Not necessary unless re-oiled

ADEC Rep

Comments

This ~~beach~~ Island was inspected from the air. The NPS repre-

Signature *[Signature]*

Printed Name

Clarke A Pelz

Date 8-22-89

Time 7 PM

FOSC Rep

Demobilization approved/disapproved

Comments

Inspected with NPS, ADEC & Exxon Rep. See comments on Review

Signature *[Signature]*

Printed Name

D. H. Maguire

Date 8-22-89

Time 1710

Copy: Exxon

ADEC

FOSC

ISCC

Return All Signed Originals to Exxon

ACE 1951608 +15

8/9/89
ABS

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 8/05/89

SHORELINE SEGMENT K9-19-HB-5

LOCATION: (see enclosed map) Northern Hallo Bay

ADEC NO. _____ SHORELINE ASSESSMENT DATE: 8/05/89

Recommended Cleanup Activity(ies):

-No cleanup recommended due to the very light, highly sporadic nature of the oiling. Subject to FOSC reassessment at a later date.

Priorities/Considerations:

Ecological Constraints (from site survey):

Archaeological Constraints (from site survey):

-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 McManis
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 1951609

SHORELINE OIL EVALUATIONGeneral

1. Date: 5 Aug 89 2. Time: 1540 3. Observer: DUNCAN M Fitzgerald
 4. Surveyed From: Foot/Boat/Helio/Plane 5. Weather: Sun/Cloud/Rain/Snow/Fog
 6. Location: Northern Herring Bay 7. Segment #: K-9-19-HB-5
 8. Length of shoreline segment: 11,100 yds 9. Tidal Stage $\pm$ ft.
 10. Access: Foot/Vehicle/Boat/Barge/Helio/Float Plane
 11. Total Percentage of Segment Accessible: 95 %
 12. Access Restrictions: difficult at some headland regions

B. Shoreline

13. Shoreline Type: SPL/BEA/COV/HLD/STRT/CLF/DAF
 14. Slope: LANG/HANG/VERT
 15. Wave Exposure: High/Med/Low
 16. Sediment: B15 % / C20 % / P15 % / G10 % S30 % / M % / R10 %
 17. Drift Debris on Beach: Yes/No Supra/Upper/Mid/Lower Type driftwood and seaweed

C. Oil Summary

18. Degree of Oiling: Heavy/Moderate/Light/Very Light/No Oil Observed
 19. Area of Beach Impact: Width of Band: 1-2 yds
 Continuous: Total % of Segment 0
 Sporadic: Total % of Segment 25
 No Oil: Total % of Segment 75
 20. Est. Oil Thickness where >1 in: — in 21. Est. Oil Penetration: — in
 22. Pooled Oil: — % "Free" Oil: — % Coated: H — % / M — % / L 100 %
 23. Fresh — % Mousse 1 % Tar Formation: 100 %
 24. Drift Debris Oiled? Yes/No Sup/Up/Mid/Low Amount: — H/M/L

Comments:

Most of this shoreline is free of oil and the areas that do have
oil, the condition is very light and sporadic. At the eastern end of the segment
the oiling consists of tan splat on boulders and very sporadic mousse patches.
Along the southern beach very sporadic tan balls were found along the storm high tide
and spring high tide drift line. Due to the lack of oil in this area, no cleanup
is recommended.

SEE PAGE 2 FOR SUPPLEMENTAL INFORMATION

SUPPLEMENTAL SHORELINE OIL EVALUATION

Oil Type

Fresh	_____	%
Mousse	_____	%
Weathered	2	%
Tar	98	%
	100	%

26. Total Oil Coverage

	Length(yd)	Width (yd)
Very Light:	2000 yd	1-2 yd
Light:	_____	_____
Moderate:	_____	_____
Heavy:	_____	_____

Oil Distribution

☒ Coaled/continuous
☒ Crusting/ splat
☒ Cracks / crevices
☒ Puddles (>10cm diameter)
☒ Puddles (< 10cm diameter)
☒ Asphalt pavement

				Thick	Length(yd)	Width(yd)	Depth
SP	H	M	M	>1in			
✓	✓				500	1-2 yd	
✓	✓				1500	1 yd	

3. Preliminary Cleanup Est.

Total TYPE A: _____ yds.
 Total TYPE B: _____ yds.
 Total TYPE A/B: _____ yds.

NO Cleanup recommended

9. Remobilization Potential: High/Medium/Low

DOCUMENTATION:

ap) Aerial photo marking segment boundaries See Attached

TR: Y/N Tape Number (s) _____

Photography: (Y)/N Roll Number (s) DMC-27

Additional Comments:

ECOLOGICAL EVALUATION

NORTHERN

LOCATION: HALLO BAY SITE: _____ OBSERVER: D. McCormickLOCATION PREFIX: K-9-19-HB SEG. NO.: 5 LENGTH: 11, 100 (M)DATE: 8 / 6 / 89 TIME (HHMM): 1230 TIDE HT.: +1.0 Ft. (M)OILED ZONE: Splash High Medium LowSUBSTRATUM: 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)Mytilus (Mussels): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)Balanus (Barnacles): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)LittorinaPatchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)Limpets: Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)OTHER OBSERVATIONS: Kelp beds of Laminaria, Gelidium, Ulva, Enteromorpha, Phyllospora, Aurelia, Cyanea jellyfish, Shells of Erycinus (Pinnocardium), Dungeness crabs, razor clams. Major salmon stream (pink/chum). Extensive clam beds.CLEANUP PRECAUTIONS: None, since no cleanup is recommended.MAMMALS: Otters _____ Harbor Seals _____ Sea Lions _____ Whales _____
Other FOX, 5 Ursus arctusBIRDS: pair of eagles (+1 dead one on creek - adult - not oiled), yellowlegs gullsGENERAL OBSERVATIONS: Oil occurs here as very light splatter or oily debris in the upper zone with an occasional mouse patty. Due to very sensitive bear habitat and light oil conditions no cleanup is warranted.

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 5 August, 1989 Location Halla Bay Site North side

Location Prefix K-9-19 ~~HB-5~~ Segment # HB-5 Length 11,100 yds

Survey Method:

Air 100% (A - indicate on map) Boat _____ (A - indicate on map)

Ground 100% (G - indicate on map)

Known cultural resources (AHRS #) none Data Source AHRS + NPS files

Oil conditions/beach visibility very light

Width of beach zone surveyed 10-60 m Tree fringe surveyed 0-10

Cultural resources observed in beach zone (AHRS code) none

Cultural resources observed in tree fringe (AHRS code) none

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

Shore Profile backshore low to vertical; foreshore low to moderate

Fresh Water Sources Ninagish River

Sea Exposure mainly open to east & south

Access/Safety variable, depending on conditions; river has tidal flats & several beaches

Probability of undiscovered sites in beach zone (circle one) 1 2 3 4 5

Monitoring during cleanup needed yes (no) Collection yes (no)

Photos: Color Roll # — Frames _____

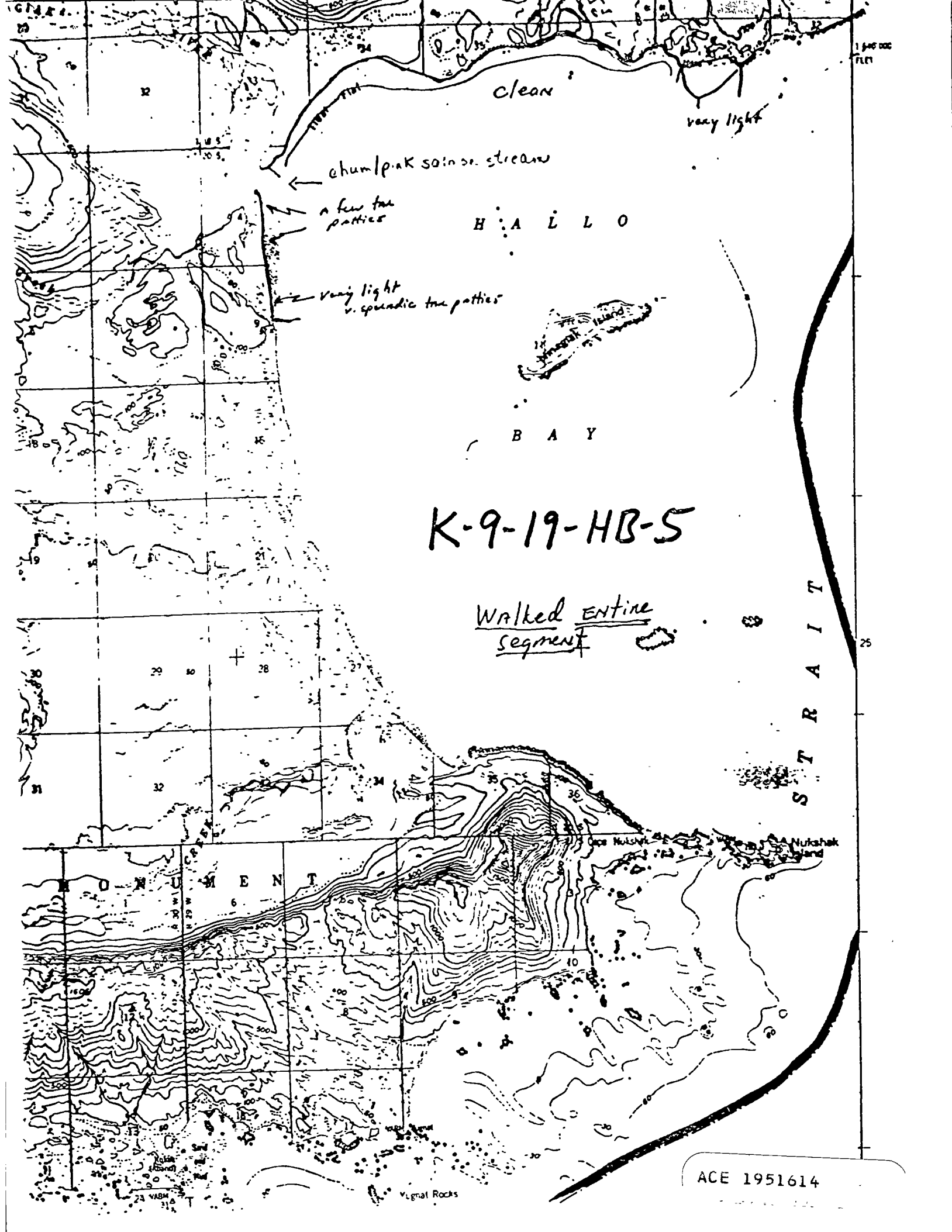
B/W Roll # DNA 10 Frames 30-38

Observer(s) D. U. ABBOTT

Time survey started 12:14 Time survey ended 15:44

Cultural resource considerations/restraints:

Standard constraints



clean

very light

chum/pak so in so stream

a few tree patches

H A I L O

very light
v. sporadic tree patches

Island

B A Y

K-9-19-HB-5

Walked ENTIRE
segment

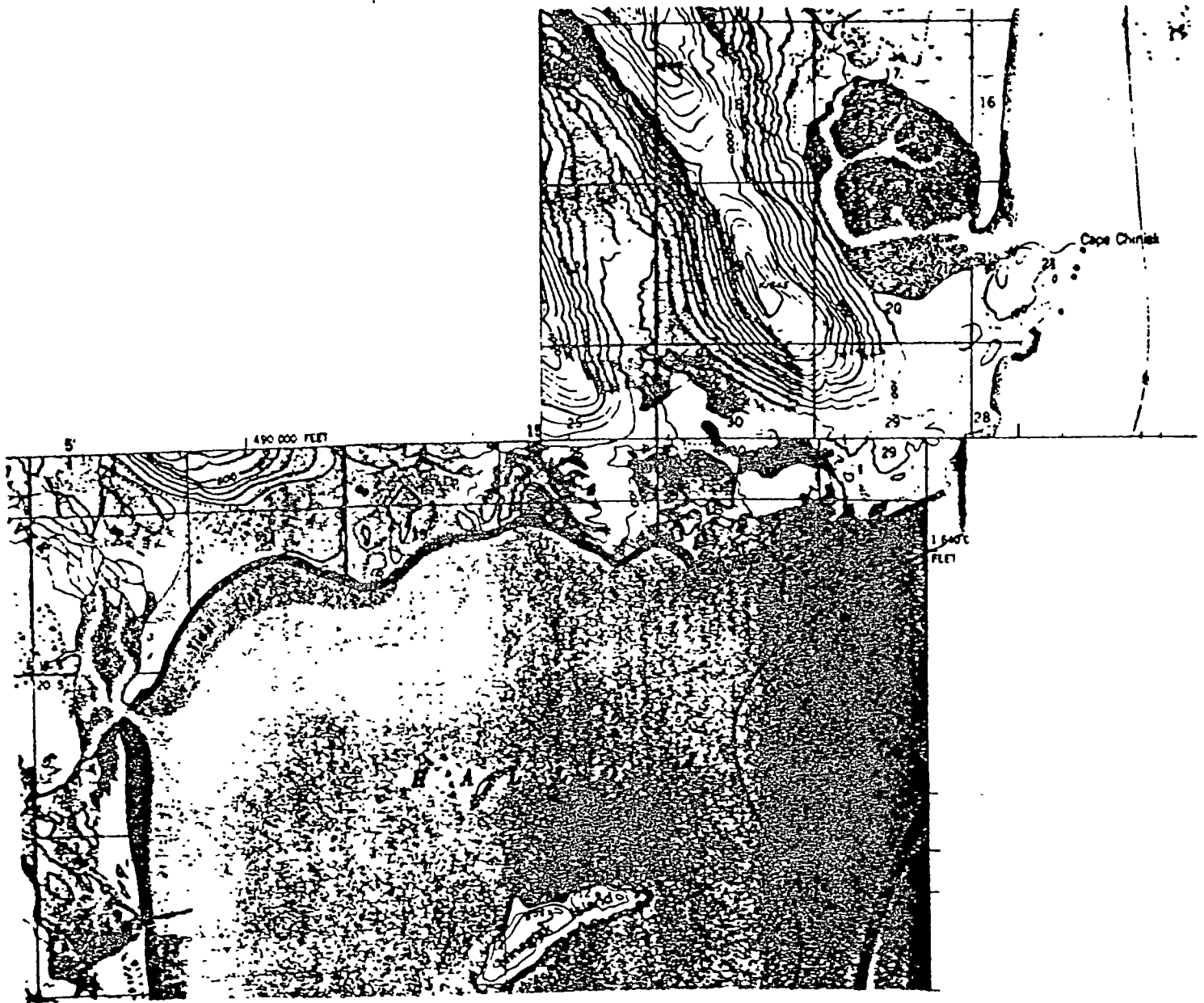
S T R A I T

M O U N T A I N

ACE 1951614

Volcanic Rocks

K-9-19-HB-5



----- No oil observed
----- V. Light
----- Light
----- Moderate
----- Heavy

ACE 1951615 -145/HF