

WH-003

ASC 16321

CLAW PEAK POINT (Whale Bay)

ACE 1369663



AJW
Pre-ANADSCAT-90

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS SS DS TS AVS SCHM MMHS PTA 2 REGION: PWS KP,CI K,AP
METHOD: Aerial Ground Boat
3 DATE: 4/12/90 15 HIGH TIDE TIMES: 1 21 TEAM RECORDER: TOM CROWE
4 START TIME: 1211 16 HIGH TIDE HTS: 1 22 OBSERVERS: NONE
5 STOP TIME: 1222 17 LOW TIDE TIMES: 1 23 AGENCY: ADF+G
6 SEGMENT #: WH003 18 LOW TIDE HTS: 1 24 PHOTOS TAKEN: Y (N)
7 STATION #: _____ 19 TIDE HT AT SURVEY: _____ Roll #: _____ Frame: _____
8 K-UNIT: _____ 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 Oil Sediment Biological Water
13 LOCATION: WHALE BAY
14 DESCRIPTION: _____

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 H 36 CATALOGED ANAD. FISH SREAM? (Y) N
31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain 37 CATALOG #: 226-20-AJW
32 OILED DEBRIS? Y (N) 38 STREAM NAME: 16321
33 SHORELINE TYPE: Headland Low-lying Rocks Beach Cove 39 OIL IN STREAM BED? Y (N)
Lagoon Marsh 40 OIL ON STREAM BANKS? Y (N)
34 WAVE EXPOSURE: High Moderate Low 41 OIL ON BEACH ADJACENT TO MOUTH? Y (N)
(within 50 meters)
35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble _____ 42 OIL WITHIN 1 MILE OF STREAM? Y (N)
Gravel X Sand _____ Mud/silt _____ Where: _____
43 ANADROMOUS FISH PRESENT? Y (N)
44 ANADROMOUS FISH OBSERVATION
Species Aerial Ground

COMMENTS:

NO OIL OBSERVED

ACE 6331916

CATALOG NUMBER: 2262016321

SEGMENT NUMBER: WH003 C

STREAM NAME:

SHORELINE TYPE:

LOCATION: MAINLAND, WHALE BAY, CLAW PEAK POINT

DATE: 04/12/90 TIME: BEACH-1222

SITE	WIDTH (m)	LENGTH (m)	AREA (sqm)	PERCENT OIL	THICKNESS (cm)	PENETRATION (cm)	SURFACE SUBSURF	OIL TYPES	COMMENTS
1							SURFACE	NO OIL	

COMMENTS:

NO OIL OBSERVED. OIL ON STREAM BANKS: NO OIL WITHIN 1 MILE OF STREAM: NO

OG SUPPLEMENTAL INFO TO MAD

RECORDER: FINK

RED-DATE: 10/3/91

PAGE

CATALOG NUMBER: 226-20-16321

STREAM NAME:

LOCATION: Whale Bay WH003

SEGMENT NUMBER: W/H003C

SHORELINE TYPE:

DATE:

TIME:

OG vs. MAD:

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pre-ANAD no oil observed
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[illegible]

ANADSCAT-90

OPERATIONS FIELD NOTES

36/38

See Back for Instructions

SEGMENT ID WH-003
 STREAM ID # 226-20-16321
 ANNOTATED MAP INCLUDED Y/N

DATE 4/27/90
 NAME SNOOK
 TEAM # 14/15

SURFACE OIL	Quantities in Meters			Treatment Recommendation						
	Length	Width	Area	None	Bioremediation		Tilling		Spot Hot Water	
					Y/N	% Treat	Y/N	% Treat	Y/N	% Tre
Wide Band										
Medium Band										
Narrow Band										
Very Light										
TOTAL MANDAYS										

SUBSURFACE OIL

Other (Describe)?	

TARMATS	Quantities in Meters			Treatment Rec			# of Bags	Mandays Required	
	Length	Width	Thick(cm)	None	Breakup	Remove		Breakup	Remove
Area #1									
Area #2									
Area #3									
Area #4									
Sporadic Mats									

MANUAL PICKUP	Type of Debris			In Meters		# of Bags	Pickup Y/N	Manday Estimate
	Mousse Tarballs	Oiled Veget	Cleanup Debris	Length	Width			
"Pocket" #1								
"Pocket" #2								
"Pocket" #3								
Random/Continuous								

OILED LOGS Y/N	OILING H/M/L	QUANTITY L/M/S	BURN Y/N
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Is there Other Debris on the Beach? Y/N How Many Bags? _____ Is it mingled with the Oiled Debris Y/N

GENERAL Snow covering ____ % of the Supratidal Zone?
 Wave Exposure H/M/L Access Limitations: _____
 Snare Boom/Pom Poms Recommended? _____
 Would the production Craft have to be relocated to complete work on this subdivision? Y/N, # of Times _____

COMMENTS: NO TREATMENT RECOMMENDED - BASED ON ADF&G
PRESURVEY DOCUMENTATION OF THIS STREAM.
- NO OIL OBSERVED -

PRESURVEY ~~ADFG~~ DOCUMENTATION OF THIS STREAM BY TOM CROWE ON
4/12/90 REVIEWED BY USCG & ADFG. PRESENT DOCUMENTATION IS ATTACHED.
FIELD SHORELINE COMMENT SHEET

AL SNOOK
EXXON REP.

ASC#

SEGMENT ST1 WH-003 SUBDIVISION: 226-20-16321 DATE 4/27/90

USCG

NAME KERWIN L. DREHER SIGNATURE CWO K. L. Dreher

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~ADEC ADFG~~

NAME TOM CROWE

SIGNATURE [Signature]

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~LAND MANAGER~~

NAME _____

SIGNATURE _____

☐ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

ACE 6331918

REVISION NO. 03/21/90

In Presurvey / Used for 38
ANADSCAT 1/3
NTR

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: 4/12/90

15 HIGH TIDE TIMES: 1

21 TEAM RECORDER: TOM CROWE

4 START TIME: 1211

16 HIGH TIDE HTS: 1

22 OBSERVERS: NONE

5 STOP TIME: 1222

17 LOW TIDE TIMES: 1

23 AGENCY: ADF+G

6 SEGMENT #: WH003

18 LOW TIDE HTS: 1

24 PHOTOS TAKEN: Y (N)

7 STATION #:

19 TIDE HT AT SURVEY:

Roll #: Frame:

8 K-UNIT:

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

Oil

13 LOCATION: WHALE BAY

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 #: 206-20 16321

38 STREAM NAME:

39 OIL IN STREAM BED? Y N

40 OIL ON STREAM BANKS? Y N

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

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

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

42 OIL WITHIN 1 MILE OF STREAM? Y N

32 OILED DEBRIS? Y (N)

Where:

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

43 ANADROMOUS FISH PRESENT? Y N

34 WAVE EXPOSURE: High Moderate Low

44 ANADROMOUS FISH OBSERVATION
Species Aerial Ground

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

COMMENTS: NO OIL OBSERVED

ACE 6331919 -15

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: WH003
LOCATION: WHALE BAY

DATE: 10/12/89
TIME: 8:45

Survey Type: Boat, Ground
Team: D. Zobrist, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NW
Knots: 0-15

Low Tide: 6:02	Feet: 0.63	High Tide: 12:17	Feet: 12.3
Low Tide: 18:27	Feet: 0.82	High Tide: -0-	Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C,L
(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)

Wave Exposure: H,M,L (H=high, M=moderate, L=low)
Shoreline Composition: R,B,C,G
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,L
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: H,M
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 1%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: WH003-1 / WH003-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, cleanup debris, signs, paint marks
Bags Collected: 0

Draft

Printed: 12/12/89 11:55

ACE 6331910

+145/12/14

Walk-a-thon

AJW
Pre-ANADSCAT-90

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 Boat

3 DATE: 4/12/90 15 HIGH TIDE TIMES: 1 21 TEAM RECORDER: TOM CROWK

4 START TIME: 1211 16 HIGH TIDE HTS: 1 22 OBSERVERS: NONE

5 STOP TIME: 1222 17 LOW TIDE TIMES: 1 23 AGENCY: ADF+G

6 SEGMENT #: WH003 18 LOW TIDE HTS: 1 24 PHOTOS TAKEN: Y ☒ N

7 STATION #: _____ 19 TIDE HT AT SURVEY: _____ Roll #: _____ Frame: _____

8 K-UNIT: _____ 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: WHALE BAY Sediment _____

14 DESCRIPTION: _____ Biological _____

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 H 36 CATALOGED ANAD. FISH SREAM? ☒ Y N

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain 37 CATALOG #: 226-20-ASW 16321

32 OILED DEBRIS? Y ☒ N 38 STREAM NAME: _____

33 SHORELINE TYPE: Headland Low-lying Rocks Beach Cove 39 OIL IN STREAM BED? Y N

Lagoon Marsh

34 WAVE EXPOSURE: High Moderate Low 40 OIL ON STREAM BANKS? Y N

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble _____

Gravel X Sand _____ Mud/silt _____

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

42 OIL WITHIN 1 MILE OF STREAM? Y N

Where: _____

43 ANADROMOUS FISH PRESENT? Y N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground

COMMENTS: NO OIL OBSERVED

ACE 6331916

OPERATIONS FIELD NOTES

See Back for Instructions

36/30

SEGMENT ID WH-003
 STREAM ID # 226-20-16321
 ANNOTATED MAP INCLUDED Y/N

DATE 4/27/90
 NAME Snook
 TEAM # 14/15

SURFACE OIL	Quantities in Meters			Treatment Recommendation						
	Length	Width	Area	None	Bioremediation		Tilling		Spot Hot Water	
					Y/N	% Treat	Y/N	% Treat	Y/N	% Tre
Wide Band										
Medium Band										
Narrow Band										
Very Light										
TOTAL MANDAYS										

SUBSURFACE OIL

Other (Describe)?	

TARMATS	Quantities in Meters			Treatment Rec			# of Bags	Mandays Required	
	Length	Width	Thick(cm)	None	Breakup	Remove		Breakup	Remove
Area #1									
Area #2									
Area #3									
Area #4									
Sporadic Mats									

MANUAL PICKUP	Type of Debris			In Meters		# of Bags	Pickup Y/N	Manday Estimate
	Mousse Tarballs	Oiled Veget	Cleanup Debris	Length	Width			
"Pocket" #1								
"Pocket" #2								
"Pocket" #3								
Random/Continuous								

OILED LOGS Y/N	OILING H/M/L	QUANTITY L/M/S	BURN Y/N
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Is there Other Debris on the Beach? Y/N How Many Bags? _____ Is it mingled with the Oiled Debris Y/N

GENERAL Snow covering ____ % of the Supratidal Zone?
 Wave Exposure H/M/L Access Limitations: _____
 Snare Boom/Pom Poms Recommended? _____
 Would the production Craft have to be relocated to complete work on this subdivision? Y/N, # of Times _____

COMMENTS: NO TREATMENT RECOMMENDED - BASED ON ADFIG
PRESURVEY DOCUMENTATION OF THIS STREAM.
- NO OIL OBSERVED -

PRESURVEY ~~ADP~~ DOCUMENTATION OF THIS STREAM BY TOM CROWE ON
4/12/90 REVIEWED BY USCG & ADF&G. PRE SURVEY DOCUMENTATION IS 153
FIELD SHORELINE COMMENT SHEET

ATTACHED. /
AL SNOOK
EXXON REP.

ASC#:

SEGMENT ST 1 WH-003 SUBDIVISION: 226-20-16321 DATE 4/27/90

USCG

NAME KERWIN L. DREHER SIGNATURE CWO K. L. Dreher

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~ADEC~~ ADFG

NAME TOM CROWE SIGNATURE [Signature]

☒ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

~~LAND MANAGER~~

NAME _____ SIGNATURE _____

☐ NO TREATMENT RECOMMENDED
COMMENTS

☐ TREATMENT SUGGESTED

SEGMENT NUMBER: WH-003

STREAM NUMBER: 226-20-16321

This stream was surveyed during the Pre-ANAD survey by a cooperative effort of ADF&G and Exxon on April 12, 1990. As a result of this pre-survey, the ANAD Fish Stream Team decided NOT to survey the stream, but simply to review the results of the pre-survey. The FIELD SHORELINE COMMENT SHEET was prepared from the review of the pre-survey. Also attached is a copy of the pre-survey for your consideration.

The ANAD Fish Stream Team recommends: NO TREATMENT

TAG Concurrence Date:

ADEC	<u>ART WEINER</u>	<u>D. J. Weiner</u>
EXXON	<u>ANDY TSZ</u>	<u>[Signature]</u>
NOAA	<u>Burk Wescott</u>	<u>Burk Wescott</u>
USCG	<u>MR. J. HALL</u>	<u>[Signature]</u>

FOSC: [Signature]

Date: 5-24-90

(version 5/04/89)

rec'd ISCC
8/7/89
Approved ISCC
8/9/89

SHORELINE PRE-CLEANUP ASSESSMENT BLOCK REPORT

Location (see enclosed map): WHALE BAY BLOCK

Includes Shoreline Segments: WH-01, WH-02, WH-03

Submitted :  Date: 8/5/89
(for Exxon)

ISCC Recommendation: _____ Date: _____

FOSC Approval: _____ Date: _____

The cleanup procedures identified in the Shoreline Cleanup Program are recommended. Modifications to these systems can be made in the field. Exxon and other field personnel are encouraged to suggest innovations and productivity enhancements to the OSC's on-scene representative. The OSC's representative has the authority to approve on-site modifications. The Field Resource Team should be consulted if these actions do not fit within the Ecological Constraints of the Shoreline Cleanup Program. Requirements for safety and the protection of cultural material must be observed.

Distribution:

Exxon Shoreline Coordinator
Exxon Shoreline Supervisor
Exxon SCAT file

SHPO
FOSC
CDFU
NOAA
EPA
USDA (FS)
USFW
A.DEC
A.FG
A.DNR
CAC
PWSCA
USFS

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 8/03/89

SHORELINE SEGMENT WH-03

LOCATION: (see enclosed map) WHALE BAY

(Whale Bay Block)

ADEC NO. _____ SHORELINE ASSESSMENT DATE: 8/01/89

Recommended Cleanup Activity(ies):

No cleanup recommended at this time (subject to FOSC reassessment at a later date), due to no oil.

Priorities Considerations:

No oil.

Ecological Constraints (from site survey):

A cataloged anadromous stream is located in this segment.

If cleanup is conducted, contact ADF&G and RAT 48 hours prior to beginning activities.

Archeological Constraints (from site survey):

If cleanup is conducted and heretofore undiscovered cultural materials are uncovered, contact Exxon's Archeological Field Director and take actions prescribed in the Operational Guidelines for Shoreline Cleanup dated 4/21/89 as amended.

State Historic Preservation Officer *

Date: _____

ISCC: _____

Date: _____

EXXON: _____

Date: _____

FOSC: _____

Date: _____

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

ACE 6331921

SHORELINE OIL EVALUATION

Date: 8/1/89 / Time: 7:45

Observer: Mike Fogel

Surveyed From: Foot/Boat/Helio/Plane

Weather: Sun/Cloud/Rain/Snow/Fog

LOCATION

LOCATION Whale Bay

SEGMENT NUMBER WH-03

LENGTH OF SHORELINE SEGMENT: 6700 m

ACCESS: Foot/Vehicle/Boat/Barge/Helio/Float Plane

SHORELINE:

Shoreline Type: SPI/BEA/COV/HLD/STRT

Slope: LANG/HANG/VER

Wave Exposure: High/Med/Low

Sediment: B20 / C30 / P10 / G15 / S- / M- / R25

Drift Debris on Beach: Yes/No

Supra/Upper/Mid/Lower Type Driftwood

Drift Fucus

OIL

Degree of Oiling: Heavy/Moderate/Light/No Oil/Unobserved

Area of Beach Impact: SU / SP / H / M / L

Continuous: Y/N % of Segment - Width of Band: - m

Sporadic: Y/N % of Segment -

Est. Oil Thickness where > 1cm: - cm Est. Oil Penetration: - cm

Pooled Oil: - % "Free" Oil: - % Coated: H - % / M - % / L - %

Fresh - % Mousse - % Tar Formation: - %

Drift Debris Oiled? Yes/No Supra/Upper/Mid/Lower Amount: H/M/L/

Comments:

The segment is located in Whale Bay and consists mostly
of pebble beaches with some rocky headlands. The segment
has a high wave exposure except for the protected bays and those
beaches protected by rocky islands close to shore. One of the bays
is boomed off (see map). No apparent oil was observed therefore

ECOLOGICAL EVALUATION

LOCATION: Whale Bay SITE: _____ OBSERVER: 7
Shore

LOCATION PREFIX: WH SEG. NO.: 2 LENGTH: 6700 (M)

DATE: 8/21/80 TIME (HHMM): 0745 TIDE HT.: +3' ~~05~~

OILED ZONE: Splash High Medium Low 700

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

Dense and continuous on headlands, Patchy on beach.

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

Dense, extensive beds near both stream on beach, sparse between stream

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

Littorina

Patchy 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: Thick large eelgrass beds and clam near
stream. Octopus delphini on beach!

CLEANUP PRECAUTIONS: Clean up not recommended because
oil was not found at this time.

MAMMALS: Otters 2 Harbor Seals 2 Sea Lions _____ Whales _____
Other _____

BIRDS: Belted Kingfisher, American Ducks

GENERAL OBSERVATIONS: This segment has several probable salmon

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 8/1/89 Location Whale Bay Site _____

Location Prefix WH Segment # WH-3 Length 6.7 Km.

Survey Method:

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

Ground _____ (G - indicate on map)

Known cultural resources (AHRS #) None Data Source None

Oil conditions/beach visibility no oil

Width of beach zone surveyed 30 m Tree fringe surveyed 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 The beach is moderately sloped and gravel/cobble-covered.

Fresh Water Sources Two streams

Sea Exposure Protected to the north

Access/Safety good on the beach I walked

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 _____

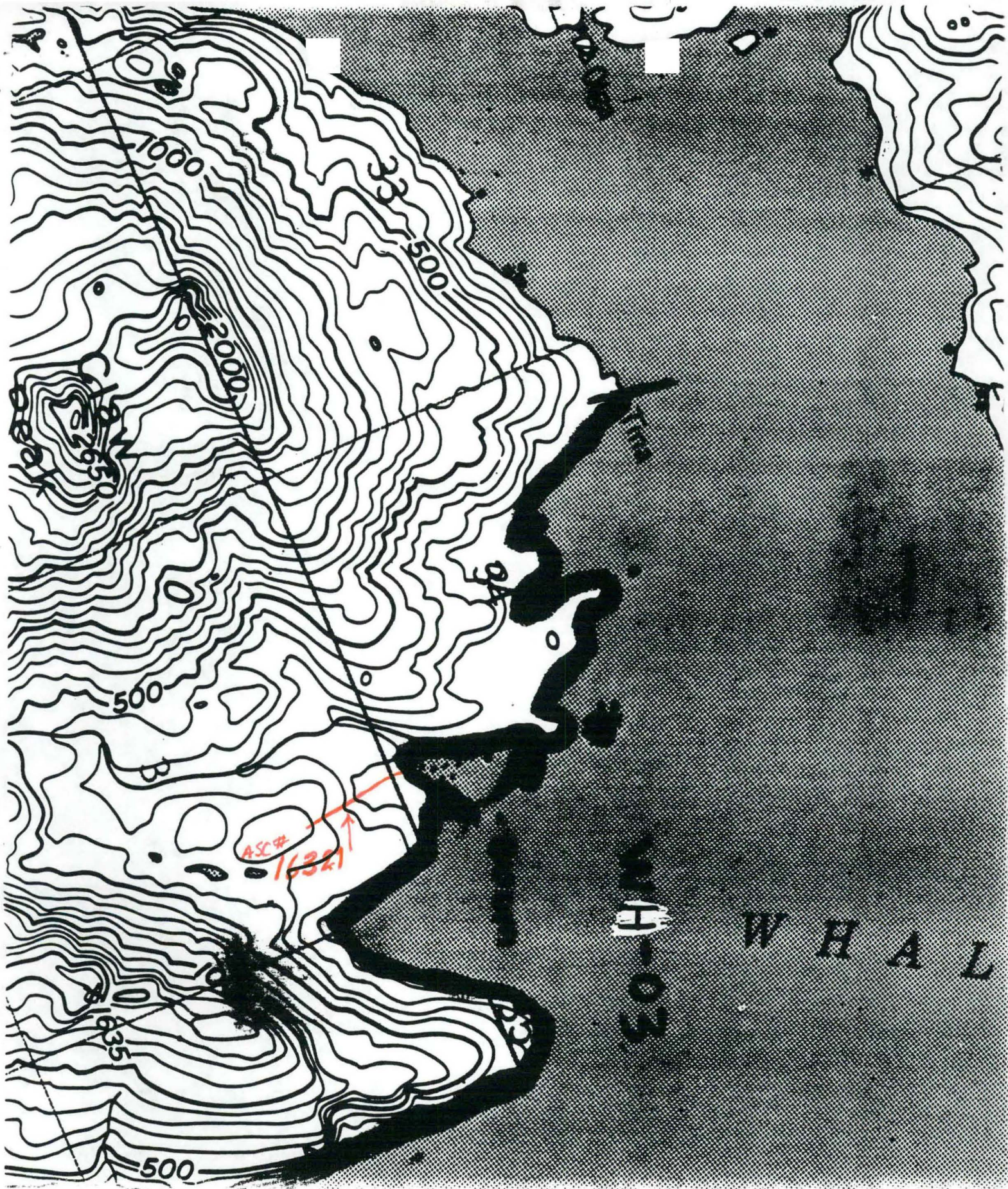
B/W Roll # _____ Frames _____

Observer(s) C. J. [redacted]

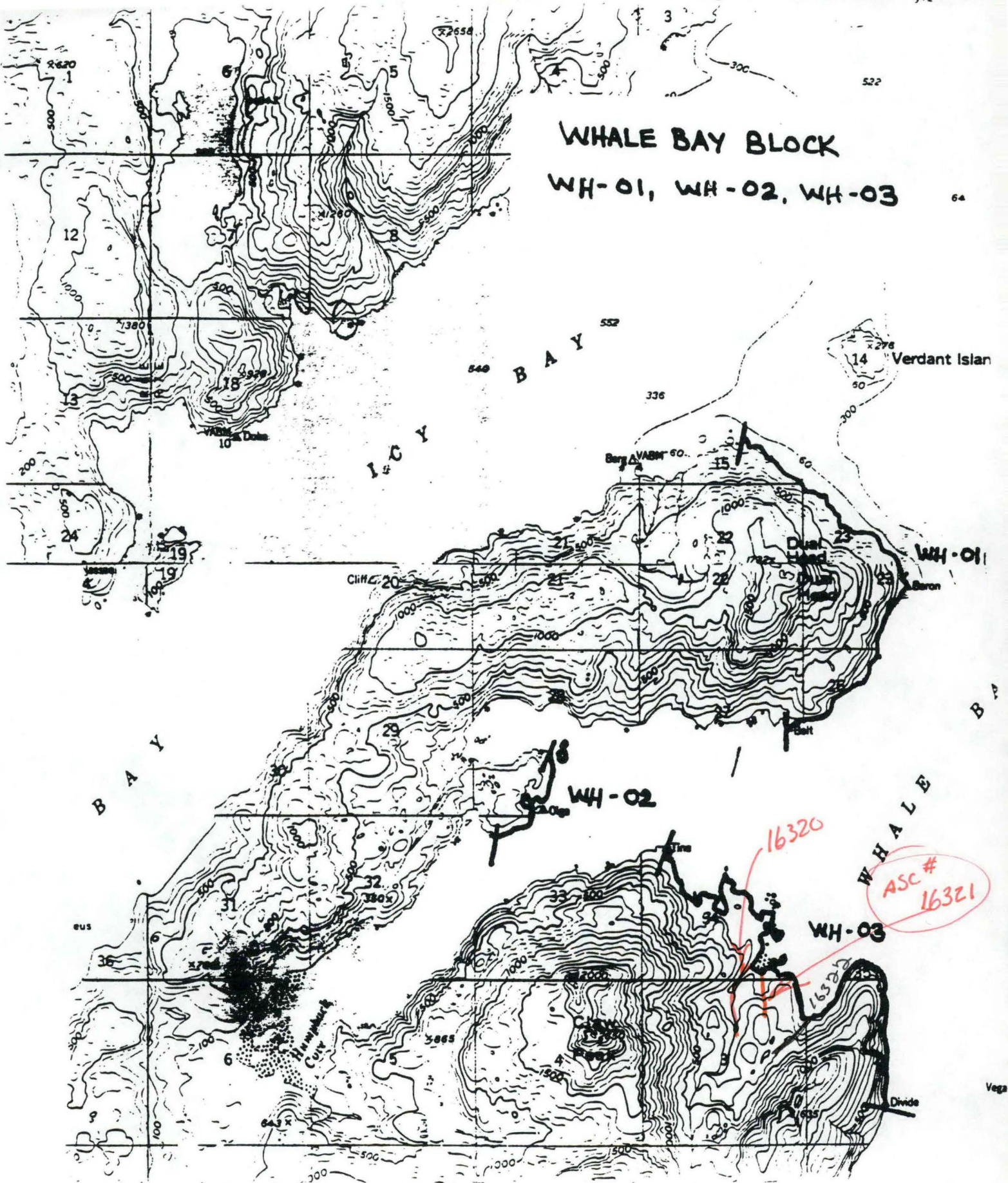
Time survey started 0745 Time survey ended 0930

Cultural resource considerations/restraints:

Standard.



ACE 6331925



ACE 6331926
-1/15/AC/FF