

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST



STREAM#: 2322210190
SEGMENT: YB001

PAGE 11

DATE PRINTED: 06/21/91

LOCATION: NUKA BAY, YALIK BAY, HEAD

SURVEY TYPE: 90 PRE SCREEN - ~~DB~~ *99*

METHOD: GROUND

DATE: 04/08/90

TEAM RECORDER: HILL

START TIME: 0920

OBSERVERS: GLENN MCLANE

END TIME: 0950

OG/HAB DISCREPANCIES: -

AGENCY: FG

PHOTOS TAKEN: N

STATION: 2322210190

ROLL#: -0-

FRAME: -0-

VIDEO TAKEN: -

TAPE#: -0-

START: -0-

END: -0-

SAMPLES TAKEN: Y

SAMPLE NUMBERS: ~~??~~ *900040611* -0-

Doug, *ok* **DDH4/8/90-0930** *does not fit into above times. pls. check*

-0-

-0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: VL

OIL ON BEACH BY MOUTH: Y

WAVE EXPOSURE: MOD

SHORELINE TYPE: BEACH

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

GRAVEL Y SAND -0- MUD/SILT Y 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 12

DATE PRINTED: 06/21/91

STREAM# : 2322210190
SEGMENT#: YB001

SURVEY TYPE : 90 PRE SCREEN - ~~BS~~ LOCATION: NUKA BAY, YALIK BAY, HEAD
DATE: 04/08/90
TIMES: 0920 - 0950 TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1	-0-	-0-	20	.5	10	<10	<2.5	<2.5	ST AP SOR

COMMENTS:

OIL SAMPLE TAKEN FROM 8" X 8" X 1/2" PATTY OF OIL SATURATED SAND. WALKED ENTIRE BEACH & UP INTO LAGOON AT SOUTH END OF BEACH. OIL STAINS OBSERVED ON A FEW ROCKS. MIKE TETRAU OF KENAI FJORDS SAYS FINDING OIL AT YALIK BAY IS A HIT AND MISS SITUATION. THERE IS A GOOD CHANCE THAT MORE OIL COULD BE FOUND BENEATH THE COBBLES & WITHIN THE GRAVEL. SITE 4-2 OF 1989 AFHS. SEE 1989 AFHS FOR MAP.

OIL ON STREAM BANKS: NO

OIL WITHIN 1 MILE OF STREAM: YES, ON BEACH ADJACENT STREAM

ACE 9962132 -/s

ASC NUMBER: 232-22-10190

SEGMENT NUMBER: YB-1

YR CATALOGED:

LOCATION: KP 0C, West Arm Nuka Bay, Yalik Bay

STREAM NAME:

LATITUDE: 59 28 18

LONGITUDE: 150 39 31

LEGAL:

ADIAK K-UNIT:

LOCAL STREAM #:

GS QUADRANGLE: Seldovia B-2

SHORELINE TYPE: Beach

ALL SEGMENTS:

WAVE EXPOSURE: moderate

ASC NUMBER:

SURVEY TYPE: Pre-screening

METHOD: FOOT

DATE: 4/8/90

START TIME: 0920

STOP TIME: 0950

TEAM RECORDER: Doug Hill

OBSERVERS: Lee Glenn, Susan McLane

AGENCY(IES): ADF&G

PHOTOS TAKEN?

Roll #:

Frames:

VIDEO TAKEN? Tape Number:

Counter Start:

SAMPLES TAKEN? Yes

SAMPLE I.D. NUMBERS: 1. ~~DOH-4/8/90-1050~~ 2. 3. 4. 5.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	20	.5	10	<10	<2.5	<2.5	ST/AP/SOR
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: VL

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

SPECIES					
COUNT					

COMMENTS: Oil sample taken from 8" x 8" x 1/2" patty of oil saturated sand. Walked entire beach + up into lagoon at south end of beach. Oil stains observed on a few rocks. Mike Tetrau of Kenai Fjords says finding oil at Yalik Bay is a hit and miss situation. There is a good chance that more oil could be found beneath the cobbles + within the gravel.

ACE 9962133 tk

* Site 4-2 of 1989 AFHS

* See 1990 field log for further info

* See 1989 AFHS for MAP

Pre-screening
Seward Zone

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: 4/8/90

15 HIGH TIDE TIMES: 0133 1132

21 TEAM RECORDER: Doug Hill

4 START TIME: 0920

16 HIGH TIDE HTS: 12.3 11.6

22 OBSERVERS: Doug Hill
Susan McNamee

6 STOP TIME: 0950

17 LOW TIDE TIMES: 0740 1140

23 AGENCY: _____

8 SEGMENT #: YB-1

18 LOW TIDE HTS: 0.3 10.6

24 PHOTOS TAKEN: Y

7 STATION #: _____

19 TIDE HT AT SURVEY: _____

Roll #: _____ Frames: _____

8 K-UNIT: _____

Ebb Slack Flood Slack

25 VIDEOS TAKEN: Y TAPE#: _____

9 STAT AREA: 232-22-10190

20 USCG QUAD: Seldovia B-2

Start: _____ End: _____

10 LAT: 59 28 18

11 LONG: 150 39 31

26 SAMPLES TAKEN? N Number

12 SOURCE: Map Loran

01 00H-4/8/90-1020 0930

13 LOCATION: KP, OC, West Arm Nika Bay, Yalik Bay

Sediment _____

14 DESCRIPTION: Head of Bay

Biological _____

Water _____

EXTENT OF OIL

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

35 CATALOGED ANAD. FISH SREAM? N

37 CATALOG #: 232-22-10190

38 STREAM NAME: _____

30 OVERALL OIL IMPACT: N VL L M H

39 OIL IN STREAM BED? Y

31 OIL TYPE: Pooled House tar Asphalt sealant stain

40 OIL ON STREAM BANKS? Y

32 OILED DEBRIS? Y N

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

42 OIL WITHIN 1 MILE OF STREAM? N

Where: On beach adjacent stream

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

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

COMMENTS: see attached MAD transfer sheets

ACE 9962134-15

ASC NUMBER: 232-22-10190

SEGMENT NUMBER: YB-1

YR CATALOGED:

LOCATION: KP, OC, West Arm Nuka Bay, Yalik Bay

STREAM NAME:

LATITUDE: 59 28 18

LONGITUDE: 150 39 31

LEGAL:

ODIAK K-UNIT:

LOCAL STREAM #:

CGS QUADRANGLE: Seldovia B-2

SHORELINE TYPE: Beach

ALL SEGMENTS:

WAVE EXPOSURE: moderate

ASC NUMBER:

SURVEY TYPE: Pre-screening

METHOD: Foot

DATE: 4/8/90

START TIME: 0920

STOP TIME: 0950

TEAM RECORDER: Doug Hill

OBSERVERS: Lee Glenn, Susana McLane

AGENCY(IES): ADF+G

PHOTOS TAKEN?

Roll #:

Frames:

VIDEO TAKEN?

Tape Number:

Counter Start:

SAMPLES TAKEN? Yes

SAMPLE I.D. NUMBERS: 1. DOH-4/8/90-1030 2.
4. 5.

3.
6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	20	5	100	<10	<2.5	<2.5	ST/AP/SOR
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: VL

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

SPECIES					
COUNT					

COMMENTS: Oil sample taken from 8" x 8" x 1/2" patty of oil saturated sand.

- walked entire beach & up into lagoon at south end of beach.
- oil stains observed on a few rocks
- Mike Tetrau of Kuumi Fjords says finding oil at Yalik Bay is a hit and miss situation
- There is a good chance that more oil could be found beneath the cobbles & within the gravel

ACE 9962135+1/5

* Site 4-2 of 1989 AFHS

* See 1990 field log for further info

7 1/2" x 62"

12 x 8

Ace 9902136/A

Pre-Screening
Seward Zone

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: 4/2/90 15 HIGH TIDE TIMES: 0133 1132 21 TEAM RECORDER: Doug Hill

4 START TIME: 0920 16 HIGH TIDE HTS: 12.3 11.6 22 OBSERVERS: Doug Hill
Susan McLane

5 STOP TIME: 1950 17 LOW TIDE TIMES: 0740 11940 23 AGENCY: _____

6 SEGMENT #: YB-1 18 LOW TIDE HTS: 0.3 10.6 24 PHOTOS TAKEN: Y N

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

8 K-UNIT: _____ Ebb Slack FT000 Slack 25 VIDEO TAKEN: Y N TAPE#: _____

9 STAT AREA: 232-22-10190 20 USCG QUAD: Seldovia B-2 Start: _____ End: _____

10 LAT: 59 28 18 11 LONG: 150 39 31 26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loran 01 DDH-4/8/90-1030

13 LOCATION: KP, DC, West Arm Nukun Bay, Yalik Bay Sediment _____

14 DESCRIPTION: Head of Bay 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 H

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

32 OILED DEBRIS? Y N

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

34 WAVE EXPOSURE: High Moderate Low

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

36 CATALOGED ANAD. FISH SREAM? Y N

37 CATALOG #: 232-22-10190

38 STREAM NAME: _____

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: On beach adjacent stream

43 ANADROMOUS FISH PRESENT? Y ? N

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground

COMMENTS: see Attached MAD + maps for sheets

ACE 9962136B →

FRAME(S)

DESCRIPTION

<u>FRAME(S)</u>	<u>DESCRIPTION</u>

46 OIL DISTRIBUTION DIAGRAM

= Sample taken
= Photo frame # and shot direction.

ACE 9962137-145/111F

1989-AFHS

10190 Site 4-2

Yalik Bay - Creek at Head

ASC NUMBER: 232-22-~~10040~~ SEGMENT NUMBER: YB-1
 LOCATION: Nuka Bay, Yalik Bay, Head of Bay
 TEAM NAME:
 NIAK K-UNIT: LOCAL STREAM #:
 USGS QUADRANGLE: Seldovia B-2
 SHORELINE TYPE: Beach, Tide flats ALL SEGMENTS:
 WAVE EXPOSURE: Low

YR CATALOGED:
 LATITUDE: 59 28 68
 LONGITUDE: 150 39 31
 LEGAL: S. 85 8W21

ASC NUMBER:
 SURVEY TYPE: ~~39/99~~
 METHOD: ~~Ground Foot~~
 DATE: 7/26/89
 START TIME: 1348
 STOP TIME: 1440

TEAM RECORDER: Doug Hill
 OBSERVERS: Rick Randall
 AGENCY(IES): ADF+G

Handwritten note:
 10/4/91

PHOTOS TAKEN?
 Roll #: 8900H1111 Frames: 13 → 20
 VIDEO TAKEN? Tape Number:
 Counter Start:

SAMPLES TAKEN?

SAMPLE I.D. NUMBERS: 1. ^{YALIK BAY} ~~0041/KR-7/26/89-1420~~ 2. 3.
 4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	90	.6	54	1	1	5	oil saturated gravel TAR, TB, Patties
SITE 2	365	9	3285	15	1	—	oil saturated gravel Tar, TB, patties, MS
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: L/M

OIL IN STREAM CHANNEL?

OIL ON BEACH WITHIN 50M OF STREAM MOUTH?

SUBSTRATE

Bedrock	Granule 15
Boulder <input checked="" type="checkbox"/>	Sand 15
Cobble 70	Silt <input checked="" type="checkbox"/>
Pebble	Veget.

SPECIES					
COUNT					

oilings very sporadic at this time. Most oil observed was located by turning rocks. The surface often free of oil but numerous pockets of oil saturated gravel. COMMENTS: sand found below (chocolate brown mussels) --- 1 patch of oil per 2 feet squared. Also, asphalted oil on surface (dry black crust) - subsurface saturated with oil. 4 wheeler tracks on beach from earlier cleanup effort. 273 cu yds of oiled material were removed from this beach during the time period 5/28/89 thru 6/26 according to seaward ICC report. No fish observed at this time - creek dry about 80 yds. above beach - "very little" flow --- probable that the flow will increase later in the season.

ACE 9962127 +H/S/D

FISH HABITAT ASSESSMENT FORM

NOKA BAY - Creek at Head of "YALIK BAY"

1 REGION: 2 PWS 3 KP, CI 4 K, AP 5 OBSERVER(S) Doug Hill, Rick Randall

6 SITE NO. 4-2 7 AERIAL PHOTO NO. 13, 14, 20 8 CAT NO. 232-22-10190

9 STREAM NAME _____ 10 LAT _____ 11 LONG _____

12 DATE 7/26/89 13 TIME 1348 14 TIDE: Low slack Flood High slack Ebb

15 CATALOGED ANADROMOUS STREAM? Y N 16 ANAD. FISH FOUND? Y N

17 OIL FOUND IN STREAM? Y N 18 OIL FOUND NEAR STREAM (1 MI.)? Y N

19 OIL SAMPLES TAKEN? Y N 20 ID NOS. YAL BAY-DDH/RDR-7/26/89-1420

21 35 MM PICTURES TAKEN? Y N 22 ROLL NO(S). 89DDH11H

23 EXPOSURE NO.	24 DESCRIPTION
<u>13, 14</u>	<u>Aerial, HEAD of Yalik Bay, location ID of oil sample</u>
<u>20</u>	<u>Aerial view of location sampled, Surveyed entire beach in photo from creek on right to point of trees at lower left.</u>
<u>15</u>	<u>Rick Randall tubs w/ Oil Sample / Closeup of oil found when surface turned over</u>
<u>16</u>	<u>Oil observed on surface / extent of oil enlarged as we turned surface</u>
<u>17</u>	<u>3+4-wheeler tracks along line of oil - Rick Randall on oil line</u>
<u>18</u>	<u>oil sample. Oil found upon churning surface 1-2" penetration / Char. brown</u>
<u>19</u>	<u>oil sample. steady line of oiled debris - 2' wide and up to 3/8" thick</u>

25 VIDEO FOOTAGE TAKEN? Y N 26 CASSETTE NO(S). _____

27 DESCRIPTION: _____
 _____ ACE 9962128
 _____ ACE 7380233

ANADROMOUS FISH OBSERVATIONS

PINK CHUM RED KING COHO DOLLY

28	Aerial							
29	Ground							

30 COMMENTS: No Fish Observed at this time - Creek dry about 80 yds above beach - "Very Little" Flow
probable that water flow will increase later in season

OIL OBSERVATIONS

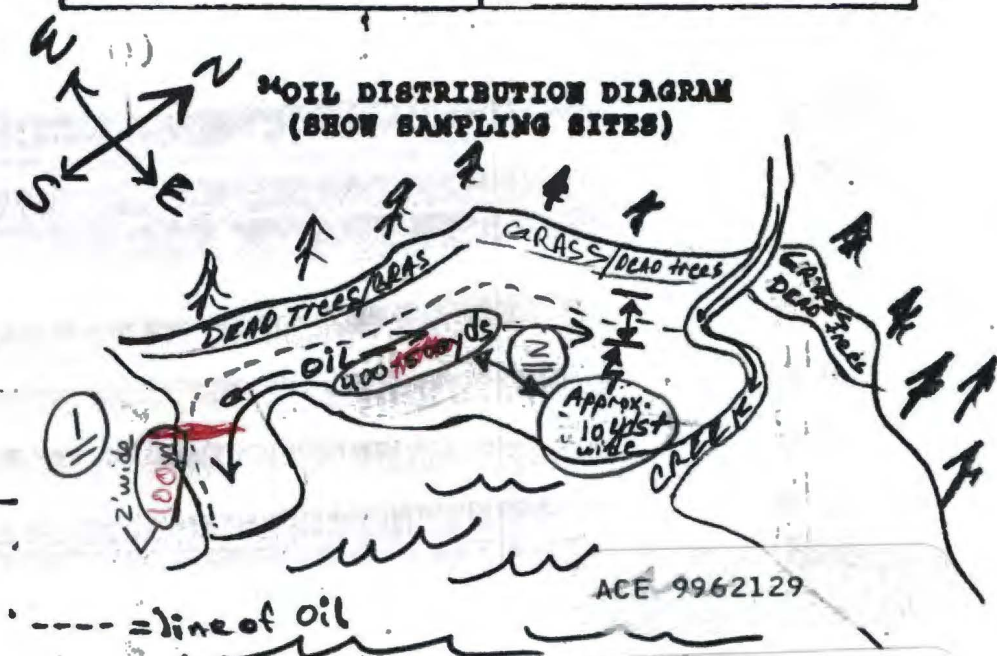
Site 4-2

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE		10' x 4-500 yds observed
32 SURFACE THICKNESS		up to 3/8"
33 PENETRATION		2"

34 **PREDOMINANT SUBSTRATE TYPE:**

1. Bedrock
2. Boulder
3. Cobble
4. Gravel
5. Sand
6. Mud
7. Other _____



ACE 9962129

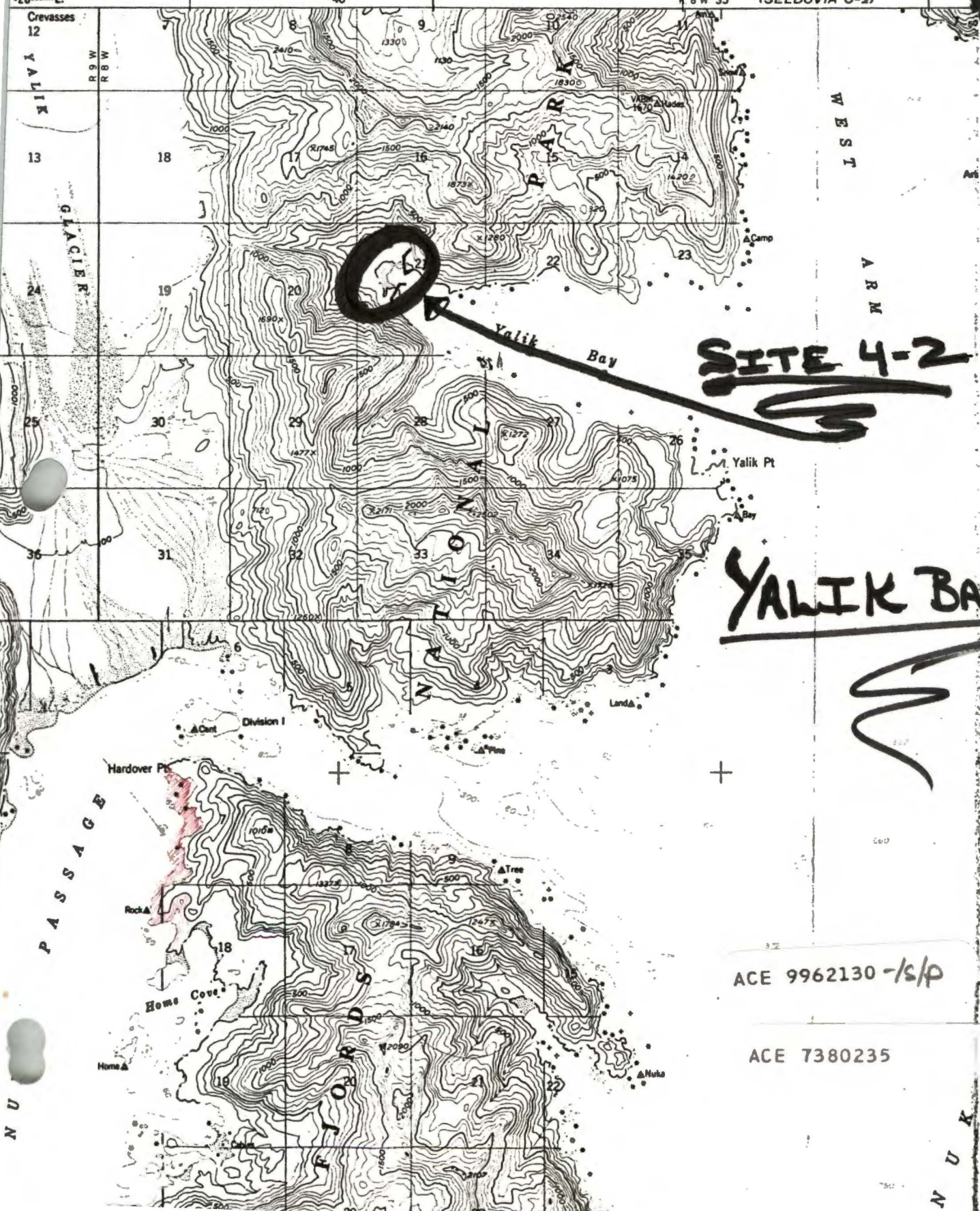
ACE 7380234

mid tide Area
 36 COMMENTS: Sporadic Patches of Oil Saturated substrate, Splashes of baked Oil numerous
Often Surface is clean of oil - closer inspection & turning rocks over reveals numerous pockets
of chocolate brown mousse/oil saturated sand & gravel - 1 pocket per 2 feet squared
South Shore beneath Rock face => Steady line of 2' wide of piled debris - 3/8" thick mousse
 (photo 19819)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

62800m. E. 40 R 8 W 35 (SELDOVIA C-2)

Seldovia
B-2



SITE 4-2

YALIK BAY CNK.

ACE 9962130 -1/s/p

ACE 7380235