

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST



STREAM#: 2436010190
SEGMENT: -0-

PAGE 40

DATE PRINTED: 06/21/91

LOCATION: KAMISHAK BAY, FORTIFICATION BLUFF, STEP MOUNTAIN

SURVEY TYPE: 90 PRE SCREEN - SS

METHOD: GROUND

DATE: 04/13/90

TEAM RECORDER: HILL

START TIME: 1129

OBSERVERS: MCLANE DUDIAK

END TIME: 1150

OG/HAB DISCREPANCIES: -

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2436010190

ROLL#: 90DDH003H

FRAME: 8-9

VIDEO TAKEN: N

TAPE#: -0-

START: -0-

END: -0-

SAMPLES TAKEN: N

SAMPLE NUMBERS: -0-

-0-

-0-

-0-

-0-

-0-

OIL IN STREAM BED: -

OVERALL OIL IMPACT: -0-

OIL ON BEACH BY MOUTH: -

WAVE EXPOSURE: MOD

SHORELINE TYPE: LOW-LYING ROCKS BEACH

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE 10 VEGETAT -0-

GRAVEL 70 SAND 20 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: N

SPECIES: -0-

COUNT: -0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

ACE 10493989 +/S/P

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST



PAGE 47

DATE PRINTED: 06/21/91

STREAM# : 2436010190
SEGMENT#: -0-

SURVEY TYPE : 90 PRE SCREEN - SS LOCATION: KAMISHAK BAY, FORTIFICATION
DATE: 04/13/90 BLUFF, STEP MOUNTAIN
TIMES: 1129 - 1150 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-	-0-	-0-	-0-	-0-	-0-	-0-	NOT AVAIL

COMMENTS:

SNOW COVERING MUCH OF BEACH AREA WHERE OIL WAS FOUND LAST YEAR. STREAM BANKS SNOW COVERED WITH SOME ICE. DID NOT SURVEY 1 MILE ON EITHER SITE OF MOUTH DUE TO GEOGRAPHICAL CONSTRAINTS & TIME CONSTRAINTS. NO ANADSCAT ANTICIPATED. COULD NOT COMPLETE SURVEY DUE TO AMOUNT OF SNOW ON BEACH.

—

ACE 10493990-15



stream is labelled on "90" MAP (Topo) but NOT in 1990 "ASC."

ASC NUMBER: 243-60-11190	SEGMENT NUMBER: None	YR CATALOGED:
LOCATION: Cook Inlet, Kamishak Bay, West Base STEEP Mountain		
STREAM NAME: None		? LATITUDE: 59 25 5 ?
KODIAK K-UNIT:	LOCAL STREAM #:	? LONGITUDE: S 153 48 1 ?
USGS QUADRANGLE: Iliamna B-3		LEGAL: S
SHORELINE TYPE: Beach, lowlying rocks	ALL SEGMENTS:	
WAVE EXPOSURE: Moderate		

ASC NUMBER:
 SURVEY TYPE: Pre-screening
 METHOD: Foot
 DATE: 4 / 13 / 90
 START TIME: 1129
 STOP TIME: 1150

TEAM RECORDER: Doug Hill
 OBSERVERS: Susan McLane, Norma Dudlak

AGENCY(IES): AOF&L

PHOTOS TAKEN? Yes
 Roll #: 90DDH03H Frames: 8,9
 VIDEO TAKEN? No Tape Number:
 Counter Start:

SAMPLES TAKEN? ~~8~~ No

SAMPLE I.D. NUMBERS: 1. 2. 3.
 4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: N

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? ?

SUBSTRATE

Bedrock	Granule
Boulder	Sand 20%
Cobble 10%	Silt
Pebble 70%	Veget.

SPECIES					
COUNT					

COMMENTS: See "90" MAD comments

site 16-3 of 1989 AFHA

ACE 10493991 +15

Group B

West side Cook Inlet

ADF&G MULTI-ASSESSMENT DATA FORM

Prescreening

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

2 REGION: PWS KR, CI K, AP

METHOD: Aerial Ground Boat

3 DATE: 4-13-90

15 HIGH TIDE TIMES: 1745, ^{Seldovia tide corrected for Iliamna}

21 TEAM RECORDER: Doug Hill

4 START TIME: 1129

16 HIGH TIDE HTS: 13' 1

22 OBSERVERS: S. McLane / N. Dudlak

5 STOP TIME: 1150

17 LOW TIDE TIMES: 1121 1

23 AGENCY: ADF&G

6 SEGMENT #:

18 LOW TIDE HTS: 1.3 1

24 PHOTOS TAKEN: Y N

7 STATION #:

19 TIDE HT AT SURVEY: low

Roll #: 90-D0H-013 Frame: 8, 9

8 K-UNIT:

Ebb Slack Flood Slack

25 VIDEO TAKEN: Y N TAPE#:

9 STAT AREA:

20 USCG QUAD:

Start: End:

10 LAT: 59° 25.5 N

11 LONG: 153° 48.1 W

26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Loran

Oil _____

13 LOCATION: Kamishak Bay

Sediment _____

14 DESCRIPTION: West Base Step Mountain Fortification Bluff W. Side Cook Inlet
EXTENT OF OIL

Biological _____

Water _____

	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 #: Un-cataloged

38 STREAM NAME: West Base Step ME (NET Formal)

39 OIL IN STREAM BED? Y N ^{Buried in snow}

40 OIL ON STREAM BANKS? Y N ^{to snow}

30 OVERALL OIL IMPACT: N VL L M H

41 OIL ON BEACH ADJACENT TO MOUTH? Y N (within 50 meters) ^{NONE observed}

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

42 OIL WITHIN 1 MILE OF STREAM? Y N ^{NONE observed - Did not}

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

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble 1C
Gravel 7C Sand 2C Mud/silt _____

Species Aerial Ground

Species	Aerial	Ground

COMMENTS: Snow covering much of beach area where oil was found last year. Stream banks snow covered w/ some ice. Did not survey 1/2 mile on either side of Mouth due to geographical constraints & Time constraints

ACE 10493992

ACE 1955654

FRAME(S)

DESCRIPTION

8^m 9

Aerial view of stream

46 OIL DISTRIBUTION DIAGRAM

~~AWDDECAT~~
NO [REDACTED] Anticipated

Could not complete survey due to amount of snow on beach.

= Sample taken

= Photo frame # and shot direction.

ACE 10493993 -15

ACE 1955655

stream is labelled on "90" MAP (Topo) but NOT in 1990 "ASC."

ASC NUMBER: 243-60-10190	SEGMENT NUMBER: None	YR CATALOGED:
LOCATION: Cook Inlet, Kamishak Bay, West Base STEP Mountain		
STREAM NAME: None		? LATITUDE: 59 25 5 ?
KODIAK K-UNIT: .	LOCAL STREAM #:	? LONGITUDE: S 153 48 1 ?
USGS QUADRANGLE: Iliamna B-3		LEGAL: S
SHORELINE TYPE: Beach, lowlying rocks	ALL SEGMENTS:	
WAVE EXPOSURE: Moderate		

ASC NUMBER:
 SURVEY TYPE: Pre-screening
 METHOD: Foot
 DATE: 4 / 13 / 90
 START TIME: 1129
 STOP TIME: 1150

TEAM RECORDER: Doug Hill
 OBSERVERS: Susan McLane, Norma Didiak

AGENCY (IES): ADF&G

PHOTOS TAKEN? Yes
 Roll #: 90DDH03H Frames: 8, 9
 VIDEO TAKEN? No Tape Number:
 Counter Start:

SAMPLES TAKEN? ~~Y~~ No

SAMPLE I.D. NUMBERS: 1. 2. 3.
 4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: ~~At None~~

OIL IN STREAM CHANNEL? ~~N~~

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? ?

SUBSTRATE	
Bedrock	Granule
Boulder	Sand 20%
Cobble 10%	Silt
Pebble 70%	Veget.

SPECIES					
COUNT					

COMMENTS: See "90" MAP comments

ACE 10493994 +15

Group B

West Side Cook Inlet

ADF&G MULTI-ASSESSMENT DATA FORM

Prescreening

1 SURVEY TYPE: BS SS DS TS AVS SCHA MHS PTA 2 REGION: PWS KR, CI K, AP

METHOD: Aerial Ground Boat

3 DATE: 4-13-90 15 HIGH TIDE TIMES: 1745 ^{Seldovia tide corrected for} Itianna 21 TEAM RECORDER: Doug Hill

4 START TIME: 1129 16 HIGH TIDE HTS: 13' 22 OBSERVERS: S. McLane / N. Duclot

5 STOP TIME: 1150 17 LOW TIDE TIMES: 1121 23 AGENCY: ADFG

6 SEGMENT #: _____ 18 LOW TIDE HTS: 1.3 24 PHOTOS TAKEN: (Y) N

7 STATION #: _____ 19 TIDE HT AT SURVEY: low Roll #: 90-004-023 Frame: 8, 9

8 K-UNIT: _____ Ebb Slack Flood Slack 25 VIDEO TAKEN: Y (N) TAPE#: _____

9 STAT AREA: _____ 20 USCG QUAD: _____ Start: _____ End: _____

10 LAT: 59° 25.5 N 11 LONG: 153° 48.1 W 26 SAMPLES TAKEN? Y (N) Number

12 SOURCE: Map Lorah Oil _____

13 LOCATION: Kamishak Bay Sediment _____

14 DESCRIPTION: West Base Step Mountain Fortification Bluff W. Side Cook Inlet Biological _____

EXTENT OF OIL Water _____

	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 10
Gravel 70 Sand 20 Mud/silt _____

36 CATALOGED ANAD. FISH SREAM? (N)

37 CATALOG #: Not cataloged (Not Formal)

38 STREAM NAME: West Base Step ME

39 OIL IN STREAM BED? Y (N) Buried in snow
None observed → snow

40 OIL ON STREAM BANKS? Y N (N) snow
None observed → snow

41 OIL ON BEACH ADJACENT TO MOUTH? Y N
(within 50 meters) None observed

42 OIL WITHIN 1 MILE OF STREAM? Y N ?
None observed - Did not
Where: _____

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground

COMMENTS: Snow covering much of beach area where oil was found last year, Stream banks snow covered w/ some ice; Did not survey 1/2 mile on either side of Mouth due to geographical constraints & Time constraints

ACE 10493995

FRAME(S)

DESCRIPTION

8 & 9

Aerial view of stream

46 OIL DISTRIBUTION DIAGRAM

AWDDSCAT
NO [REDACTED] Anticipated

Could not complete survey due to amount of snow on beach.

- Sample taken
- Photo frame # and shot direction.

ACE 10493996

West Side Cook Inlet

Group B

Faxed Anch. - 4/17/90

ADF&G MULTI-ASSESSMENT DATA FORM

Prescreening

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

2 REGION: PWS KR, CI K, AP

METHOD: Aerial Ground Boat

3 DATE: 4-13-90

15 HIGH TIDE TIMES: 1745, ^{Seldovia tide corrected for Iliamna}

21 TEAM RECORDER: Doug Hill

4 START TIME: 1129

16 HIGH TIDE HTS: 13' 1

22 OBSERVERS: S. McLane / N Dudnik

5 STOP TIME: 1150

17 LOW TIDE TIMES: 1121 1

23 AGENCY: ADF&G

6 SEGMENT #:

18 LOW TIDE HTS: 1.3 1

24 PHOTOS TAKEN: Y N

7 STATION #:

19 TIDE HT AT SURVEY: low

Roll #: 90-001-003 Frame: 8, 9

8 K-UNIT:

Ebb Stack Flood Stack

25 VIDEO TAKEN: Y N TAPE#:

9 STAT AREA: 243-60

20 USCG QUAD:

Start: End:

10 LAT: 59° 25.5' N

11 LONG: 153° 48.1' W

26 SAMPLES TAKEN? Y N Number

12 SOURCE: Map Lorah

Oil

13 LOCATION: Kamishak Bay

Sediment

14 DESCRIPTION: West Base Step Mountain Fortification Bluff W. Side Cook Inlet East End Fortif. Bluff

Biological

Water

SHORELINE

STREAM

SHORELINE				STREAM			
L	W	M ²	%	L	W	M ²	%

27 SURFACE COVERAGE

36 CATALOGED ANAD. FISH SREAM? N

37 CATALOG #: Non-cataloged

28 SURFACE THICKNESS

38 STREAM NAME:

29 PENETRATION

39 OIL IN STREAM BED? Y N Burred in snow NONE observed

40 OIL ON STREAM BANKS? Y N snow covering NONE observed

30 OVERALL OIL IMPACT: N VL L M H

41 OIL ON BEACH ADJACENT TO MOUTH? Y N (within 50 meters) NONE observed

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain

42 OIL WITHIN 1 MILE OF STREAM? Y N ? NONE observed - did not

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

35 SUBSTRATE TYPE: Bedrock Boulder Cobble 10 Grave 70 Sand 20 Mud/silt

Species Aerial Ground

Species	Aerial	Ground

COMMENTS: Snow covering much of beach area where oil was found last year. Stream banks snow covered w/ some ice. Did not survey 1 mile on either side of Mouth due to geographical constraints & Time Constraints

ACE 10493997

ACE 1955611

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 86

DATE PRINTED: 08/19/91

STREAM# : 2436010190
SEGMENT#:

SURVEY TYPE : 89 AFHS - SS
DATE: 09/16/89
TIMES: 1600 -

LOCATION: KAMISHAK BAY, FORTIFICATION
BLUFF, STEP MOUNTAIN
TEAM RECORDER: RANDALL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1			50	10	500	1	1-2	0	TB

COMMENTS:

SITE 16-3. PINK SALMON CARCASSES FOUND ALONG STREAM BANK AND IN STREAM AT LEAST 75 YARDS UPSTREAM FROM MOUTH - FOUND 8 CARCASSES AND NUMEROUS BEAR TRACKS ALONG STREAM BANK. FOUND MOUSSE IN SMALL AMOUNTS AT HIGH TIDE LINE. *SPLATTERS ON ROCKS AND LOGS.

OIL 

*ADD the word oil
DOR
10/3/91
★*



Site 16-3

NUMBER: 243-00-10190 SEGMENT NUMBER: None YR CATALOGED:
 LOCATION: Kamishak Bay, West Base Step Mtn. LATITUDE: 59°25'48"
 CAM NAME: LONGITUDE: 153°46'18"
 TRAK K-UNIT: LOCAL STREAM #: LEGAL: ?
 ADDRESS: Iliamna B-3
 RELINE TYPE: Beach ALL SEGMENTS:
 VE EXPOSURE: High

NUMBER: TEAM RECORDER: Rick Randall
 VEY TYPE: SS OBSERVERS: Lee Glenn
 MOD: FOOT AGENCY (IES): ADF46
 DATE: 9/16/89 PHOTOS TAKEN? ~~?~~
 START TIME: 1600 Roll #: ROR-17 Frames: 17
 END TIME: ? VIDEO TAKEN? Tape Number: 81LP6014H
 Counter Start: 2997 → 3260
 SAMPLES TAKEN? 89 ROR 534
 SAMPLE I.D. NUMBERS: 1. ROR-9/16/89-1458 2. 3.
 4. 5. 6.

DEPTH	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	50	10	530	1	1-2	None	FOB
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: L

IN STREAM CHANNEL? N
 SUBSTRATE
 bedrock Granule
 boulder Sand
 cobble silt
 pebble Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? y

SPECIES	Count			
Pinks	8			

COMMENTS: Pink salmon carcasses found along stream bank
 and in stream at least 75 yds upstream from
 mouth - Found 8 carcasses + numerous bear tracks
 along stream bank.
 - Found mousse in small amounts at high tide line -
 splatters on rocks + logs.

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	8							
29 Ground	5							

30 COMMENTS: Pink Salmon Carcasses found along stream bank and in stream at least 75 yds upstream from mouth. found 8 carcasses & numerous bear track along stream bank.

OIL OBSERVATIONS

Site 3
16-3

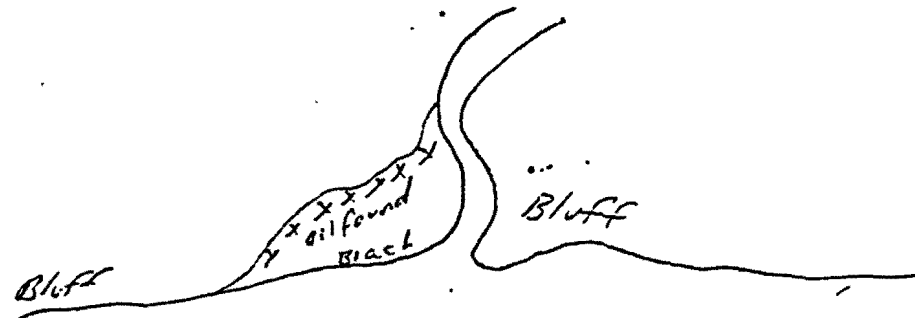
EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	/	Found mounds in small amounts at the higher tide lines splattered on Rocks & logs
32 SURFACE THICKNESS		up to 1/8" thick
33 PENETRATION		mainly surface

34 OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)

35 PREDOMINANT SUBSTRATE TYPE:

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



ACE 10493983

36 COMMENTS:

ACE 7380523

Site 16-3

ASC NUMBER: 243-60-10190 SEGMENT NUMBER: None YR CATALOGED:

LOCATION: Kamishak Bay, West Base Step Mtn. LATITUDE: 59°25'48"

TAM NAME: LONGITUDE: 153°46'18"

AK K-UNIT: LOCAL STREAM #:

USGS QUADRANGLE: Ilamna B-3 LEGAL: ?

SHORELINE TYPE: Beach ALL SEGMENTS:

WAVE EXPOSURE: High

ASC NUMBER:

SURVEY TYPE: SS

METHOD: Foot

DATE: 9/16/89

START TIME: 1600

STOP TIME: ?

TEAM RECORDER: Rick Randall

OBSERVERS: Lee Glenn

AGENCY (IES): ADF45

PHOTOS TAKEN?

Roll #: RDR-17 Frames: 17

VIDEO TAKEN? Tape Number: 81LP6014H

Counter Start: 2997 → 5260

Verify from logs

9/27/91
DWA

SAMPLES TAKEN?

SAMPLE I.D. NUMBERS: 1. RDR-9/16/89-1458 2. 3.

4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	50	10	500	1	1-2	None	FB
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: L

OIL IN STREAM CHANNEL? N

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE

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

SPECIES	Pinks				
COUNT	8				

COMMENTS: Pink salmon carcasses found along stream bank and in stream at least 75 yds upstream from mouth - Found 8 carcasses + numerous bear tracks along stream bank.

- Found mouse in small amounts at high tide line - splatters on rocks + logs.

Site 16-3

ASC NUMBER: 243-60-10190 SEGMENT NUMBER: None YR CATALOGED:

LOCATION: Kamishak Bay, West Base Step Mtn. LATITUDE: 59°25'48"

MAP NAME: LONGITUDE: 153°46'18"

NAK K-UNIT: LOCAL STREAM #:

USGS QUADRANGLE: Ilamna B-3 LEGAL: ?

SHORELINE TYPE: Beach ALL SEGMENTS:

WAVE EXPOSURE: High

ASC NUMBER: TEAM RECORDER: Rick Randall

SURVEY TYPE: SS OBSERVERS: Lee Glenn

METHOD: FOOT AGENCY (IES): ADF&S

DATE: 9/16/89 PHOTOS TAKEN? ~~2~~

START TIME: 1600 Roll #: RDR-17 Frames: 17

STOP TIME: ? VIDEO TAKEN? Tape Number: 81LP6014H

Counter Start: 2997 → 3260

70/29/1
RVA

SAMPLES TAKEN?

SAMPLE I.D. NUMBERS: 1. RDR-9/16/89-1458 2. 3.

4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1	50	10	500	1	1-2	None	FB
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: L

OIL IN STREAM CHANNEL? N OIL ON BEACH WITHIN 50M OF STREAM MOUTH? Y

SUBSTRATE

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

SPECIES	Pinks				
COUNT	8				

COMMENTS: Pink salmon carcasses found along stream bank and in stream at least 75 yds upstream from mouth - Found 8 carcasses + numerous bear tracks along stream bank.

- Found mouse in small amounts at high tide line - splatters on rocks + logs.

ACE 10493985 +/S

FISH HABITAT ASSESSMENT FORM

West of the base of Step Mountain, Kamishak Bay

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

6 SITE NO. 16-B 7 AERIAL PHOTO NO. 5, 6 8 CAT NO. NC

9 STREAM NAME 10 LAT 59.25.80 11 LONG 153.46.30

12 DATE 9/16/89 13 TIME 1700 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. PDR-9/16/89-1458

21 35 mm PICTURES TAKEN? Y N 22 ROLL NO(S) KPR-17

23 EXPOSURE NO. 24 DESCRIPTION

5 Aerial of Beach, Mouth of Stream, and Stream

6 same

ACE 10493986

25 VIDEO FOOTAGE TAKEN? Y N 26 CASSETTE NO(S) 89-LPG-014-H

27 DESCRIPTION: Aerial footage of stream and beach at mouth of stream. Ground footage of stream mouth, beach and pink salmon carcasses

ACE 7380522

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	8							
29 Ground	5							

30 COMMENTS: Pink Salmon Carcasses found along stream bank, and in stream at least 75 yds upstream from mouth. found 8 carcasses & numerous bear track along stream bank.

OIL OBSERVATIONS

Site 3
16-3

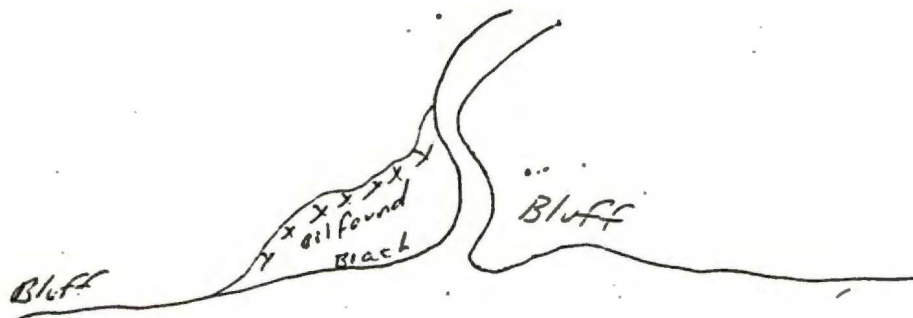
EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	/	Found mussels in small amounts at the higher tide lines splattered on Rocks + logs
32 SURFACE THICKNESS		up to 1/8" thick
33 PENETRATION		mainly surface

34 OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)

35 PREDOMINANT SUBSTRATE TYPE:

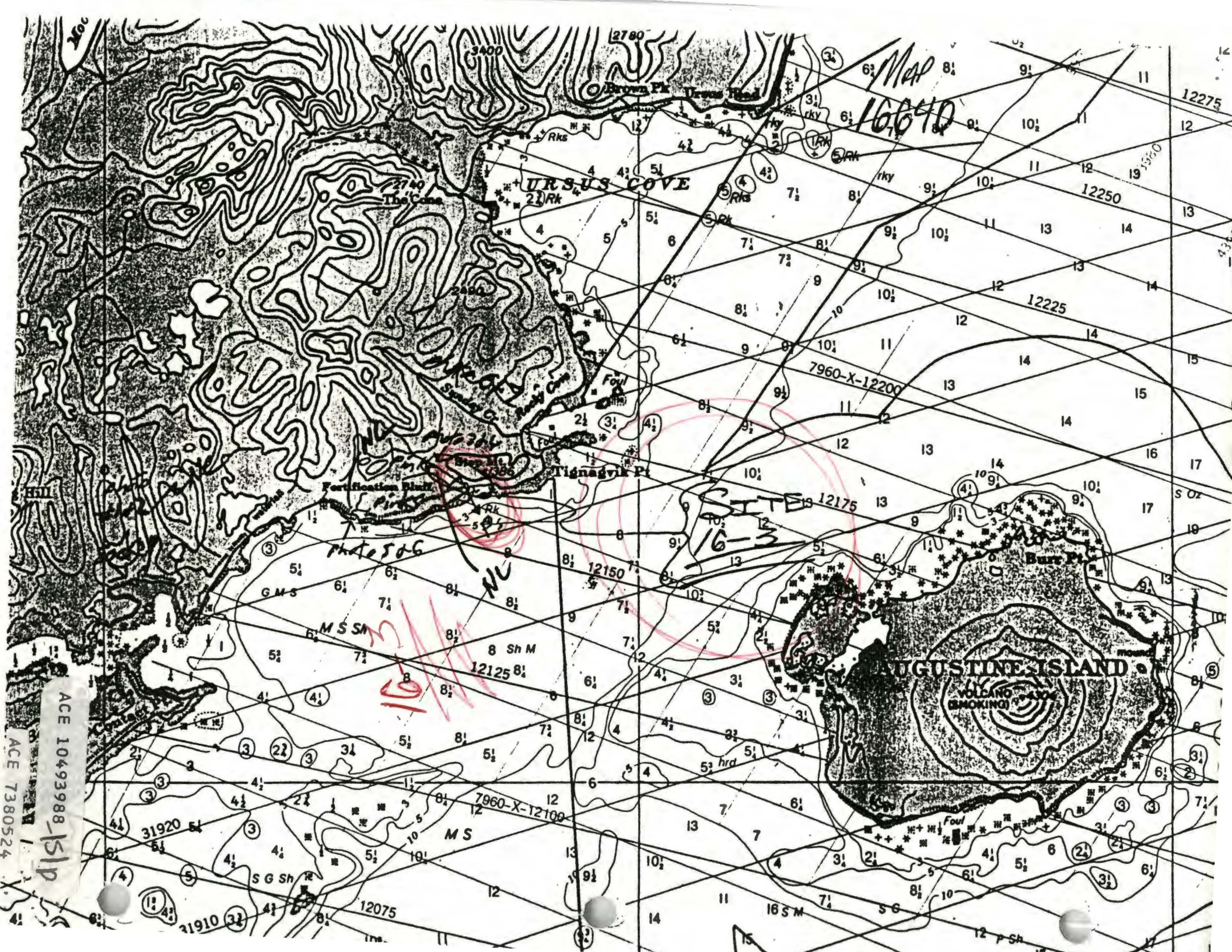
- 1. Bedrock
- 2. Boulder
- 3. Cobble
- 4. Gravel
- 5. Sand
- 6. Mud
- 7. Other _____



ACE 10493987

36 COMMENTS:

ACE 7380523



Map
16640

URSUS COVE

Tignavik Pt

SITE 16-3

AUGUSTINE ISLAND

VOLCANO (SMOKING)

Fortification Block

Photo 506

NU

8 Sh M
12125

7960-X-12100
MS

12075

7960-X-12200

12175

12150

31920

31910

12275

12250

12225

ACE 10493988
ACE 7380524
151p