

ADF&G MULTI-ASSESSMENT FORM  
1991 GENERAL ENTRY CHECKLIST

*Done  
10/2/91*



STREAM#: 2431010150  
SEGMENT:

PAGE 67

DATE PRINTED: 08/19/91

LOCATION: KAMISHAK BAY

SURVEY TYPE: 89 AFHS - BS/SS

METHOD: ~~Foot~~ / Aerial

DATE: 08/13/89

TEAM RECORDER: HILL

START TIME: 2100  
END TIME: 2125

OBSERVERS: GLENN

TIDES: *Flood*  
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2431010150

ROLL#: 89DDH021H  
FRAME: 22-24

*We conducted both a foot and an aerial survey of the area - fish spotted upper portion of river.*  
*DM*  
*10/2/91*

VIDEO TAKEN: N TAPE#:   
START: END:

SAMPLES TAKEN: N

SAMPLE NUMBERS:

OIL IN STREAM BED: N

OVERALL OIL IMPACT: N

OIL ON BEACH BY MOUTH: N

WAVE EXPOSURE: HIGH

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK *y*  
GRAVEL

BOULDER  
SAND *y*

COBBLE  
MUD/SILT *y*

VEGETAT  
GRANULE *y*

ANADROMOUS FISH PRESENT: Y

SPECIES: PINK SALMON  
CHUM *Salmon*

COUNT: 100  
80

ACE 10493910 + F/SP

ADF&G MULTI-ASSESSMENT FORM  
1991 OILING ENTRY CHECKLIST

PAGE 81

DATE PRINTED: 08/19/91

STREAM# : 2431010150  
SEGMENT#:

SURVEY TYPE : 89 AFHS - BS / *cy*      LOCATION: KAMISHAK BAY  
DATE: 08/13/89  
TIMES: 2100 - 2125      TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									

COMMENTS:  
SITE 10-11. SURVEYED BEACH ~500 YARDS EAST OF DOUGLAS RIVER MOUTH. FOOT SURVEYED ~250 YARDS OF BEACH. FISH OBSERVED IN TRIBUTARY (SMALL CHANNEL) TO WEST OF DOUGLAS RIVER MOUTH - ALONG BLUFF FACE.

ACE 10493911-15

1989 AFHS



Site 10-11

Douglas River

ASC NUMBER: 243-10-~~1050~~<sup>12150</sup> SEGMENT NUMBER: CP-3 YR CATALOGED:

LOCATION: Kamishak Bay, Mouth Douglas River

STREAM NAME: Douglas River LOCAL STREAM #:

USGS QUADRANGLE: Iliamna A-3

SHORELINE TYPE: Beach ALL SEGMENTS:

WAVE EXPOSURE: High

LATITUDE:

LONGITUDE:

LEGAL:

SC NUMBER:

SURVEY TYPE: BS

METHOD: Beach

DATE: 8/13/89

START TIME: 2100

STOP TIME: 2125

TEAM RECORDER: Doug Hill

OBSERVERS: Lee Glens

AGENCY(IES): ADF&G

PHOTOS TAKEN? Y

Roll #: 8100H12H Frames: 22, 23, 24

VIDEO TAKEN? N Tape Number:

Counter Start:

AMPLES TAKEN? N

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? N

SUBSTRATE	
Bedrock	X
Boulder	?
Cobble	?
Pebble	?
Granule	X
Sand	X
Silt	X
Veget.	X

SPECIES	Pink	Churn			
COUNT	100	80			

REMARKS: Surveyed beach approx. 500 yds east of Douglas River mouth.

Foot surveyed 2250 yards of beach.

Fish observed in tributary (small channel) to west of Douglas River mouth - Along bluff face.

FISH HABITAT ASSESSMENT FORM

Kamishak Bay - Mouth Douglas River

Doug Hilly Lee Glenn

1 REGION: 2 PWS (3 KP, CI) 4 K, AP 5 OBSERVER(S) ~~2710-10150~~

6 SITE NO. 10-71 7 AERIAL PHOTO NO. 8 CAT NO. 243-10-10-10150 <sup>DDAld</sup>

9 STREAM NAME Douglas River 10 LAT \_\_\_\_\_ 11 LONG \_\_\_\_\_

12 DATE 8/13/89 13 TIME \_\_\_\_\_ 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. \_\_\_\_\_

21 35 MM PICTURES TAKEN? (Y) N 22 ROLL NO(S) 8900H21H

23 EXPOSURE NO.	24 DESCRIPTION
22, 23	Aerial, looking North at Mouth of River
24	" looking SE at Mouth of River

25 VIDEO FOOTAGE TAKEN? Y N 26 CASSETTE NO(S) \_\_\_\_\_

27 DESCRIPTION: ACE 10493913  
ACE 7380364

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	100	80						
29 Ground	∅	∅						

30 COMMENTS: Fish Observed in tributary (small channels) to west of Douglas River mouth

OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	/	/
32 SURFACE THICKNESS		
33 PENETRATION		

34 OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)

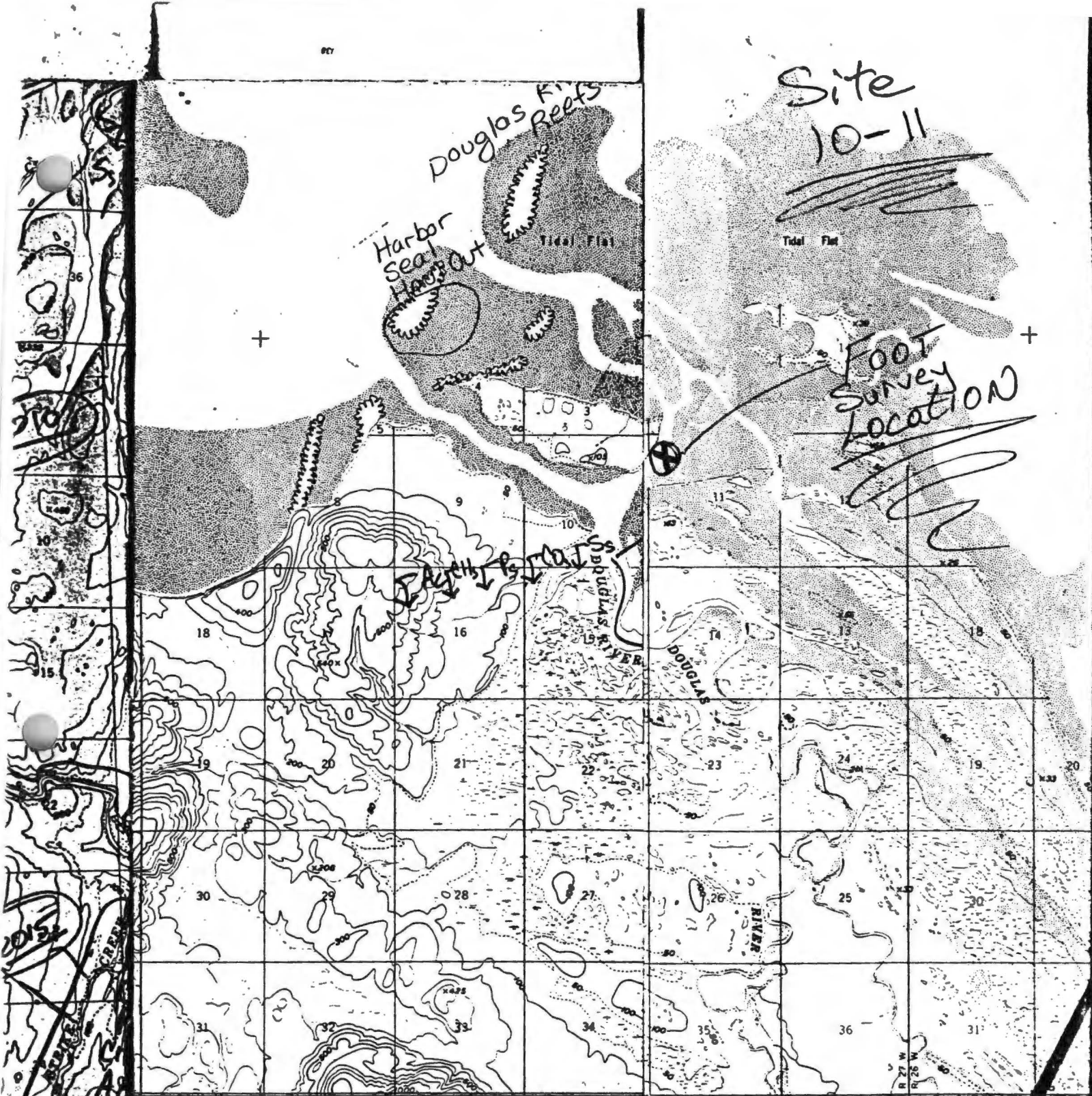
- 35 PREDOMINANT SUBSTRATE TYPE:
1. Bedrock
  2. Boulder
  3. Cobble
  4. Gravel
  5. Sand
  6. Mud
  7. Other \_\_\_\_\_

Foot Survey 2-300 yds of Beach  
 No oil observed

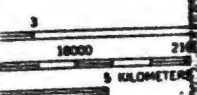
36 COMMENTS:

ACE 10493914

ACE 7380365



ALASKA D-6/R 21 W 150 INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA-1977 15:45 1:500 000 FEET (AFOGNAK D-6) 40'



**ILIAMNA (A-3), ALASKA**  
N5900-W15345/15X22.5

1951  
MINOR REVISIONS 1968

Mapped, edited, and published by the Geological Survey  
Control by USC&GS and USCE

**ROAD CLASSIFICATION**  
No roads or trails in this area

Photography by photogrammetric methods from aerial photographs taken in 1951. Map not field checked  
Selected hydrographic data compiled from USC&GS Charts 8502 (1:969 761 scale) and 8554 (1:200 000 scale), and from aerial photographs. This information is not intended for navigational purposes

Universal Transverse Mercator projection, 1927 North American datum  
10 000-foot grid based on Alaska coordinate system, zone 5  
100-meter Universal Transverse Mercator grid ticks, blue, shown in blue

and lines represent unsurveyed and unmarked locations  
determined by the Bureau of Land Management  
to S-17, Seward Meridian

Swamps, as portrayed, indicate only the wetter areas.  
Shadally of low relief, as interpreted from aerial photographs

OM, D.C. 20242  
REQUEST

ACE 10493915 -15

Iliamna  
A1-A2

ACE 7380366

4 RIV

1989 AFHS

Site 10-11

Douglas River

ASC NUMBER: 243-10-10150	SEGMENT NUMBER: CP-3	YR CATALOGED:
LOCATION: Kamichak Bay, Mouth Douglas River		
CAM NAME: Douglas River	LOCAL STREAM #:	LATITUDE:
USGS QUADRANGLE: Iliamna A-3		LONGITUDE:
SHORELINE TYPE: Beach	ALL SEGMENTS:	LEGAL:
WAVE EXPOSURE: High		

ASC NUMBER:	TEAM RECORDER: Doug Hill
SURVEY TYPE: BS/ly	OBSERVERS: Lee Glenn
METHOD: Beach Foot	
DATE: 8/13/89	AGENCY(IES): ADF&G
START TIME: 2100	PHOTOS TAKEN? Y <sup>21</sup>
STOP TIME: 2125	Roll #: 8100424H
	Frames: 22, 23, 24
	VIDEO TAKEN? N
	Tape Number:
	Counter Start:

ADP/1  
10/2/91

SAMPLES TAKEN? N

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? N

SUBSTRATE

Bedrocky	Granuley
Boulder	Sand
Cobble	Silt
Pebble	Veget.

SPECIES	Pink	Churn			
COUNT	100	80			

COMMENTS: Surveyed beach approx. 500 yds east of Douglas River mouth.  
 Foot Surveyed 2250 yards of beach.  
 Fish observed in tributary (small channel) to west of Douglas River mouth along bluff face.

FISH HABITAT ASSESSMENT FORM

Kamishak Bay - Mouth Douglas River

Doug Blitty Lee Glenn

1 REGION: 2 PWS 3 KP, CI 4 K, AP 5 OBSERVER(S) ~~2/10/10/50~~

6 SITE NO. 10-71 7 AERIAL PHOTO NO. 8 CAT NO. 243-10-10-10/50

9 STREAM NAME Douglas River 10 LAT 11 LONG

12 DATE 8/13/89 13 TIME 14 TIDE: Low slack Flood High slack Ebb

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

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21 35 MM PICTURES TAKEN? Y N 22 ROLL NO(S) 8900H21H

23 EXPOSURE NO.	24 DESCRIPTION
22, 23	Aerial looking North at Mouth of River
24	" looking SE at Mouth of River

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

27 DESCRIPTION: ACE 10493917 ACE 7380364



**ANADROMOUS FISH OBSERVATIONS**

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	100	80						
29 Ground	Ø	Ø						

30 COMMENTS: Fish Observed in tributary (small channels)  
to west of Douglas River mouth

**OIL OBSERVATIONS**

**EXTENT OF OIL:**

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE	/	/
32 SURFACE THICKNESS		
33 PENETRATION		

**OIL DISTRIBUTION DIAGRAM  
 (SHOW SAMPLING SITES)**

34 **PREDOMINANT  
 SUBSTRATE TYPE:**

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

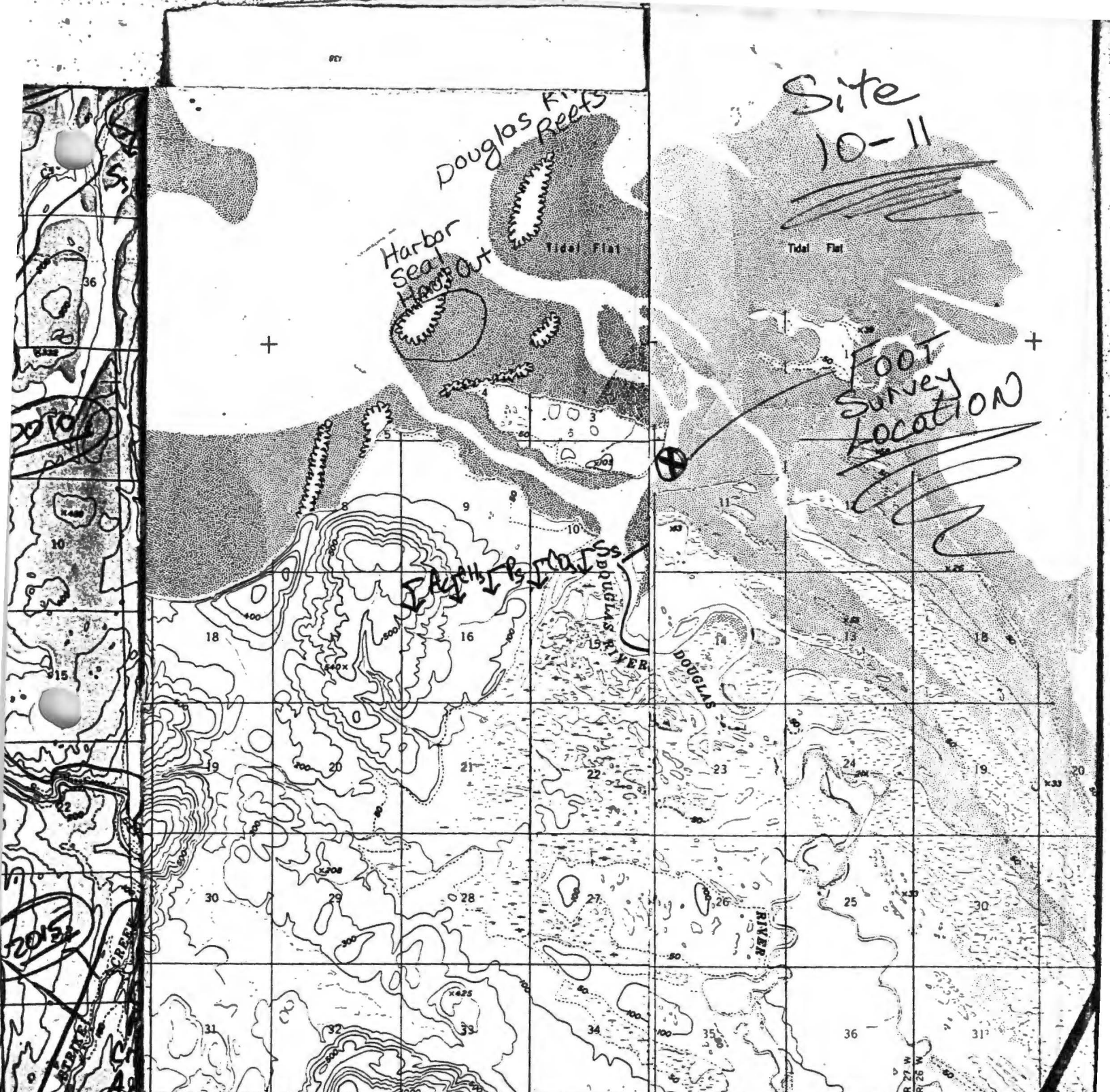
Foot Survey 2-300 yds  
 of Beach ?

No oil  
 Observed

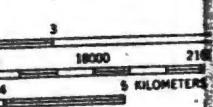
35 **COMMENTS:**

ACE 10493918

ACE 7380365



NAK D-61R 27 W 150' 456000m E 15:45 1550 000 FEET (AFOGNAK D-6) 40'



**ROAD CLASSIFICATION**  
No roads or trails in this area

**ILIAMNA (A-3), ALASKA**  
N5900-W15345/15X22.5

1951  
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Control by USC&GS and USCE  
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1000-meter Universal Transverse Mercator grid ticks, zone 5, shown in blue  
Land lines represent unsurveyed and unmarked locations determined by the Bureau of Land Management  
S-17, Seward Meridian  
Swamps, as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs

ACE 10493919 1/4/S/PI/HF

Iliamna  
A1-A2

ACE 7380366

STON, D.C. 20242  
REQUEST

RIV