

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

Handwritten note in blue box:
N/A
10/2/91



STREAM#: 2431010040
SEGMENT:

PAGE 64

DATE PRINTED: 08/19/91

LOCATION: KAMISHAK BAY *Kamishak River*

SURVEY TYPE: 89 AFHS - BS/55

METHOD: AERIAL *FOOT*

DATE: 08/13/89

TEAM RECORDER: HILL

START TIME: 1915
END TIME: 1950

OBSERVERS: GLENN

TIDES: *Flood*
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2431010040

ROLL#: 89DDH021H
FRAME: 15-19

Handwritten note in blue box:
We conducted an aerial survey upstream of the mouth

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	BOULDER	COBBLE	VEGETAT
GRAVEL	SAND <i>✓</i>	MUD/SILT <i>✓</i>	GRANULE

ANADROMOUS FISH PRESENT: Y

SPECIES: PINK SALMON	COUNT:	10000
CHUM		2000
BEAR		4

ACE 10493880 *+F/SIP*

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 78

DATE PRINTED: 08/19/91

STREAM# : 2431010040
SEGMENT#:

SURVEY TYPE : 89 AFHS - BS/SS LOCATION: KAMISHAK BAY
DATE: 08/13/89
TIMES: 1915 - 1950 TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									NO OILING

COMMENTS:

SITE 10-8. CONDUCTED AERIAL SURVEY OF ~4 MILES OF KAMISHAK RIVER. SURVEYED SMALL SAND POINT OF LAND TO NE OF RIVER. 4 BEARS OBSERVED ON RIVER BAR.

No oiling determined.
U

OKAY sorry

ACE 10493881

15

1989-AFHS



Site 10-8

Kamishak River

ASC NUMBER: 243-10-10040 SEGMENT NUMBER: CP-4 ? YR CATALOGED:

LOCATION: Kamishak Bay, SW portion

STREAM NAME: Kamishak River LOCAL STREAM #:

USGS QUADRANGLE: Iliamna A-4 ALL SEGMENTS:

SHORELINE TYPE: Beach LATITUDE: 59 1 11

WAVE EXPOSURE: High LONGITUDE: 154 9 47

LEGAL: 513S 29W29

SC NUMBER:

SURVEY TYPE: BS *2 OK*

METHOD: *Aerial* *followed*

DATE: 8/13/89

START TIME: 1915

STOP TIME: 1950

TEAM RECORDER: *Don Hill*

OBSERVERS: *Lee Glenn*

AGENCY(IES): *ADF+G*

PHOTOS TAKEN?

Roll #: *89DCH21H* Frames: *15-19*

VIDEO TAKEN? *✓* Tape Number:

Counter Start:

AMPLES TAKEN? *✓*

SAMPLE I.D. NUMBERS: 1. 2. 3.

 4. 5. 6.

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

OVERALL OIL IMPACT: *N/A*

OIL IN STREAM CHANNEL? *N/A*

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? *N/A*

SUBSTRATE

Bedrock	Granule
Boulder	Sand <i>X</i>
Cobble	Silt <i>X</i>
Pebble	Veget.

SPECIES	<i>Pink</i>	<i>Chum</i>	<i>Bears</i>		
COUNT	<i>10,000</i>	<i>2000</i>	<i>4</i>		

REMARKS: Conducted aerial survey of \approx 4 miles of Kamishak River.
 Surveyed small sand point of land to NE of River \rightarrow
 4 bears observed on river bar.

ACE 10493882 +15

FISH HABITAT ASSESSMENT FORM

Kamishak Bay- Kamishak ~~and Little Kamishak~~ River

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

6 SITE NO. 10-8 7 AERIAL PHOTO NO. SEE Below 8 CAT NO. 243-10-10040

9 STREAM NAME Kamishak R. 10 LAT 11 LONG

12 DATE 8/13/89 13 TIME 915 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. *None since aerial??*

21 35 MM PICTURES TAKEN? (Y) N 22 ROLL NO(S). 29104214

23 EXPOSURE NO.	24 DESCRIPTION
15, 16, 17	Aerial - Foot surveyed beach water left - sandy beach
18	Aerial - looking downstream to mouth of river
19	Aerial - beach noted on photo 15 - Foot surveyed the beach

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

27 DESCRIPTION: ACE 10493883
ACE 7380355

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	8-10,000	2,000						
29 Ground	∅	∅						

30 COMMENTS: Flew \approx 4 miles upstream of mouth to observe fish - Majority observed about 2 1/2 miles upstream

Site 10-0
1/11

OIL OBSERVATIONS

EXTENT OF OIL:


- 31 SURFACE COVERAGE
- 32 SURFACE THICKNESS
- 33 PENETRATION

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

OIL DISTRIBUTION DIAGRAM (SHOW SAMPLING SITES)

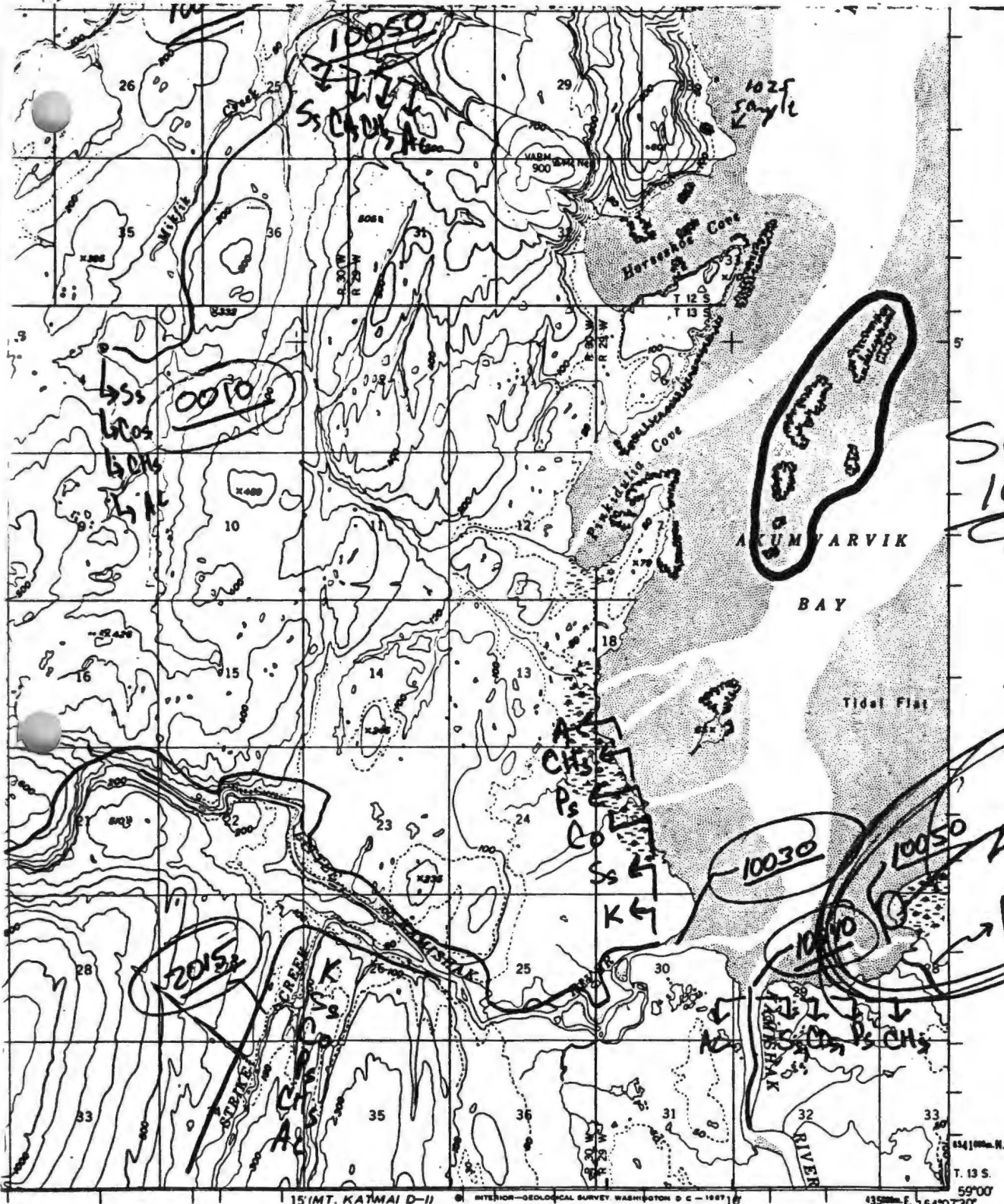
- 34 PREDOMINANT SUBSTRATE TYPE:
1. Bedrock
 2. Boulder
 3. Cobble
 4. Gravel
 5. Sand
 6. Mud
 7. Other _____

Foot surveyed 2-300 yds of beach - No oil observed



35 COMMENTS:

ACE 10493884



ET
JONTOURS
OF NEAR HIGH WATER
12 FEET



LOGICAL SURVEY
O 80225, OR WASHINGTON, D.C. 20242
O SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
No roads or trails in this area

ACE 7380357

ILIAMNA (A-4), ALASKA
W5900-W16407.5/15X22.5

1952

MINOR REVISIONS 1960

CONF. RIVER

ACE 10493885-15

1989-AFHS

Site 10-8

Kamishak River

ASC NUMBER: 243-10-10040 SEGMENT NUMBER: CP-4 ? YR CATALOGED:

LOCATION: Kamishak Bay, SW portion LATITUDE: 59 1 11

CAM NAME: Kamishak River LONGITUDE: 154 9 47

AK K-UNIT: LOCAL STREAM #:

USGS QUADRANGLE: Iliamna A-4 LEGAL: 513S 29W29

SHORELINE TYPE: Beach ALL SEGMENTS:

WAVE EXPOSURE: High

ASC NUMBER: TEAM RECORDER: Doug Hill

SURVEY TYPE: BS/1/2 OK 201 OBSERVERS: Lee Glenn

METHOD: Aerial photo AGENCY(IES): ADF+G

DATE: 8/13/89 PHOTOS TAKEN?

START TIME: 1915 Roll #: 89DDWZIH Frames: 15 → 19

STOP TIME: 1950 VIDEO TAKEN? Tape Number:

Counter Start:

DDM
10/2/91

SAMPLES TAKEN?

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: *NM*

OIL IN STREAM CHANNEL? *NM*

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? *NM*

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

SPECIES	<i>Pink</i>	<i>Chum</i>			
	10,000	200			
COUNT	10,000	2000			

COMMENTS: Conducted aerial survey of ~ 4 miles of Kamishak River.
 Surveyed small sand point of land to NE of River →
 4 bears observed on river bar.

ACE 10493886 +15

FISH HABITAT ASSESSMENT FORM

Kamishak Bay - Kamishak ~~and Little Kamishak~~ River

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

6 SITE NO. 10-8 7 AERIAL PHOTO NO. SEE Below 8 CAT NO. 243-10-10040

9 STREAM NAME Kamishak R. ~~Little Kamishak R.~~ 10 LAT _____ 11 LONG _____

12 DATE 8/13/89 13 TIME 9:15 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). 29104214

23 EXPOSURE NO.	24 DESCRIPTION
<u>15, 16, 17</u>	<u>Aerial - Foot surveyed beach on far left - sandy Beach</u>
<u>18</u>	<u>Aerial - looking downstream to mouth of river</u>
<u>19</u>	<u>Aerial - beach noted on photo 15 - Foot surveyed the beach</u>
_____	_____
_____	_____
_____	_____
_____	_____

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

27 DESCRIPTION: _____
ACE 10493887
ACE 7380355

ANADROMOUS FISH OBSERVATIONS

	PINK	CHUM	RED	KING	COHO	DOLLY		
28 Aerial	8-10,000	2000						
29 Ground	∅	∅						

30 COMMENTS: Flew ≈ 4 miles upstream of mouth to
Observe fish - Majority observed about 2 1/2 miles upstream

Site
10-0
/u

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:

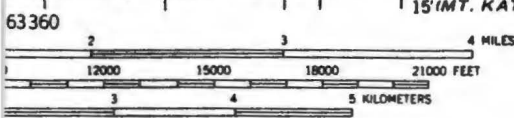
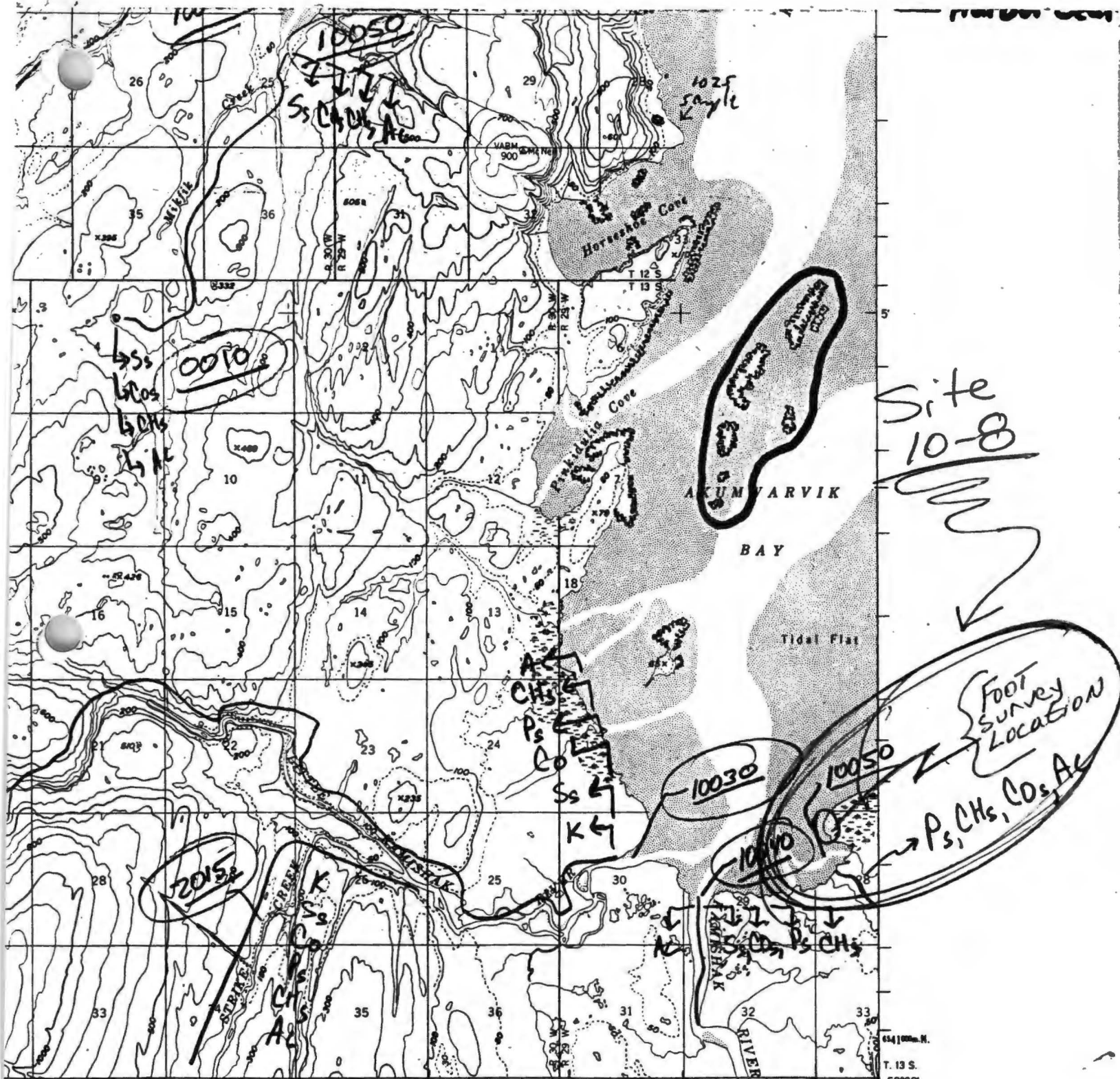
- 1. Bedrock
- 2. Boulder
- 3. Cobble
- 4. Gravel
- 5. Sand
- 6. Mud
- 7. Other _____

Foot surveyed 2-300 yds
of beach - No oil
Observed

ACE 10493888

35 COMMENTS:

ACE 7380356



VAL
NT 54
N SE
PROXIMATE LINE OF MEAN HIGH WATER
IS APPROXIMATELY 12 FEET



ROAD CLASSIFICATION
No roads or trails in this area

ACE 7380357

ILIAMNA (A-4), ALASKA
N5900 W154025/15X22.5

1952
MINOR REVISIONS

ACE 10493889

-14/S/PHF

COVE RIVER