State of Alaska
Department of Fish and Ga.
Nomination for Waters
Important to Anadromous Fish

252-34-Back 801-J

ALASKA DEPT. OF FISH & GAME
OCT 16 1992
REGION II HABITAT DIVISION

AWC Volume SE SC (SW) W AR IN USGS Quad Afognak (A-3) Alaska

Anadromous Water Catalog Number of Waterway 252-34-10013-2036

Name of Waterway Elkhorn Creek USGS name ____ Local name X

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination #	93 271		11/3/92
Revision Year:	'93	Regional Supervisor	Date
Revision to: Atlas ____ Catalog ____ Both X		Ed Weiss	12/30/92
Revision Code:	A-2	L. Grove	1/22/93
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	8-27-92		X		X
Dolly Varden	8-27-92		X		

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls.

Comments:

Stream width .3 meters. Narrow, slow moving channel, meandering through meadow joining to main stem. A one foot falls occuring ten meters upstream of the upper extent station is a total barrier to juvenile coho fry. We shocked and observed Dolly varden and coho fry as we proceeded upstream through this section. We shocked .25 m^2 for 10 seconds at the upper extent station capturing one coho fry. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, Aimee Weseman, Mark Fink, Jeff Barnhart

Date: 9-28-92 Signature: Jeff Barnhart

Address: ADF&G Habitat Division, Anchorage.

Signature of Area Biologist: ____

Rev. 12/91

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 252-34-Back BØ1 SECTION: J

STATION: 1 DATE: 8/22/92 GPS-ID: FIX:

STATION-LAT: STATION-LON:

GEAR: ES TIME-INT: 10 TIME-UNIT: sec

CONDUCT: 6 AREA SHOCKED (sqm): 0.25

FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
coho	fry	1	

WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: Roll 6, Photo 6 Water temp. - 50°F
Approximately 10m above station is
1 ft falls. Found 74 mm Coho below station.

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: Back Bay x1 SECTION: J

DATE: 8/22/92 METHOD: Foot DIREC: UP X DOWN ___

START LAT: 58 05 28.0 START LON: 152 46 23.9

END LAT: GPS - file END LON: GPS - file.

LENGTH (m): 40m WIDTH (m): ~~50cm~~ .3 GRADIENT (%): .5

BANK TYPE: flat STREAM DEBRIS: woody organic

BANK VEGETATION: Grass, small spruce, flowers

STREAM SUBSTRATE: org (grass, sticks, ash)

BANK SUBSTRATE: veg

CHARACTER: narrow, slow moving channel, meandering through meadow joining to mainstem. 1' fall 10m above extent is barrier to juveniles.

COMMENTS: Frame 6 Roll 6

~~1ft falls (barrier to rearing coho) 10m above upper limit.~~ No spawning likely observed 4 stocked DV + coho to upper extent. Walked GPS.

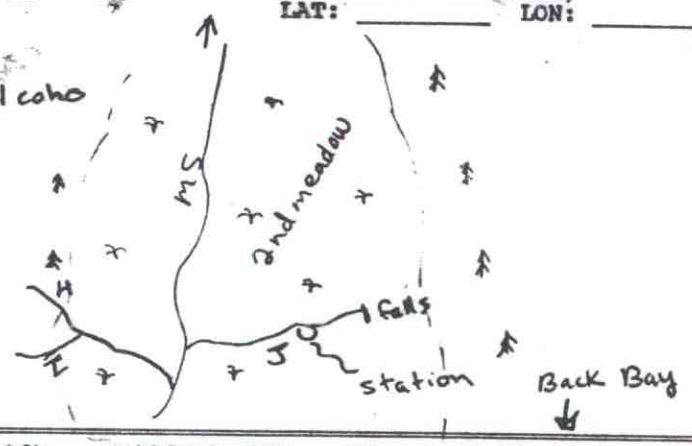
GPS FILENAME: A0823008 TOTAL BARRIER? Y X N ___

STREAM TYPE: A X B ___ C ___

IF BARRIER IS TOTAL, LAT: ___ LON: ___

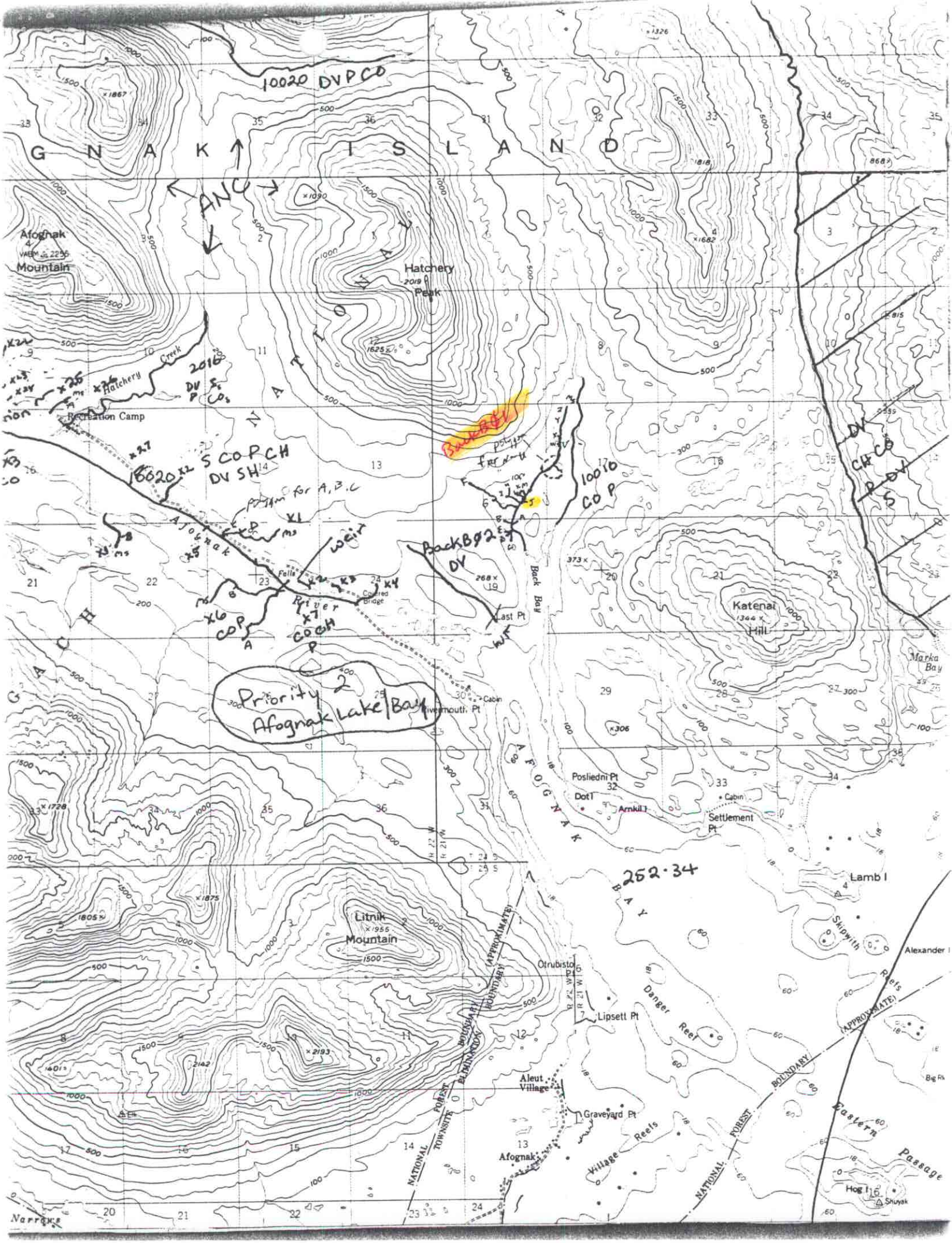
SKETCH:

ES - .25m² 10sec - 1 coho

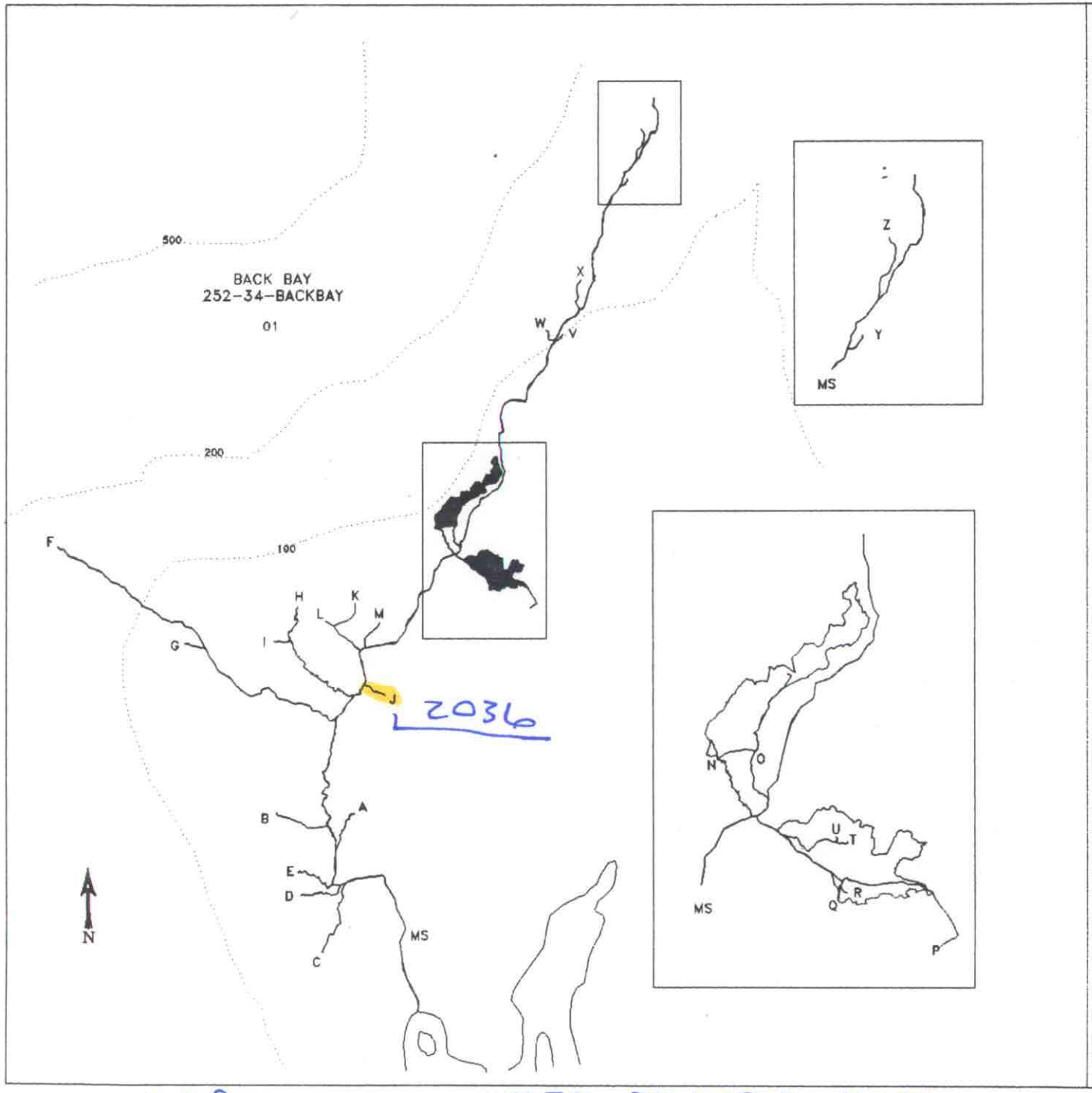


Con 6 50°

Substrate: BOulder >1ft CObble 2-12" GRavel .1-2" SAnd <.1"
SIlt/clay/mud BEdrock (solid)



10020 DVPCO
G N A K I S L A N D
ANC
Afognak Mountain
Hatchery Peak
Hatchery Creek
Recreation Camp
2016 DV S P CO
18020 S COPCH DV SH
Back B01
10010 COP
Back B02 DV
Afognak River
Falls
Covered Bridge
Last Pt
Back Bay
Katenai Hill
Marka Bay
Priority 2 Afognak Lake/Bay
Cabin
Rivermouth Pt
Posliedni Pt
Dot I
Arnkil I
Settlement Pt
AFOGNAK BAY
252·34
Lamb I
Skipwith Reefs
Alexander I
Litnik Mountain
Otrubisto Pt
Lipsett Pt
Danger Reef
Aleut Village
Graveyard Pt
Afognak
Village Reefs
Eastern Passage
Hog I
Shuyak
Narrows
NATIONAL FOREST BOUNDARY (APPROXIMATE)
TOWNSITE ELIMINATION BOUNDARY



MAP 2-E

STREAM HABITAT ASSESSMENT

PROJECT R-47

BACK BAY STREAMS

LEGEND

- PREVIOUSLY CATALOGUED
- NEWLY IDENTIFIED STREAM
- NEWLY IDENTIFIED WETLANDS
- NON-ANADROMOUS WATERBODY
- X03 STREAM ID
- A TRIBUTARY ID
- ENHANCEMENT OPPORTUNITY
- CONTOUR INTERVAL (ft)

SCALE

100 200 300 400

500 m

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
Habitat and Restoration Division

December 15, 1992

ADD STREAM 252-34-10013-2036
W/ COR