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

252-34 Back BØ1-B

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 252-34-10013-2525

Name of Waterway Elk horn Creek USGS name ___ Local name 1

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 263		
Revision Year: '93	Regional Supervisor	11/3/92 Date
Revision to: Atlas ___ Catalog ___ Both X	Ed Weiss	12/30/92
Revision Code: A-2	D. Crowe Drafted	1/22/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Dolly varden	8-21-92		X		
Coho fry	8-21-92		X		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:

One meter in width. Moderate flow with numerous pooled riffles. Meanders through spruce forest into meadow where it enters the mainstem. Shocked and observed coho fry and Dolly varden as we proceeded upstream through this section. Coho located above several 10-15 cm falls indicating spawning above the small falls. We shocked $.5m^2$ for 10 seconds at the upper extent station capturing Two coho fry. We shocked for a distance of 80 meters above the upper extent station collecting Two Dolly varden. See final report for detailed narrative and map. No Total barriers observed!

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

Date: 9-22-92 Signature: Jeff Barnhart

Address: ADF&G Habitat Division Anchorage

Signature of Area Biologist: ___

Rev. 12/91

FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

252 34 BACKB 01

ver 062692.0

STREAM#: ~~Bay~~ Bay 21 SECTION: ~~Arb~~ B

DATE: 8/21/92 METHOD: Foot DIREC: UP X DOWN ___

START LAT: 58 15 19.2 START LON: 152 41 31.3

END LAT: 58 15 18.5 END LON: 152 41 37.1

LENGTH (m): 132 WIDTH (m): 1m GRADIENT (%): 4

BANK TYPE: veg, dist. 6-2' STREAM DEBRIS: woody, organic

BANK VEGETATION: Ferns, DC, Blueberry, salmonberry, spruce

STREAM SUBSTRATE: CO, GR, Ash, organic

BANK SUBSTRATE: veg, mud, wood

CHARACTER: mod flowing channel with numerous pools & riffles fr MS meanders through spruce forest into meadow where it enters MS.

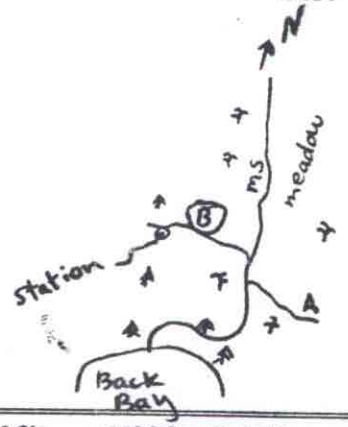
COMMENTS: ES .5m³ 10sec at upper reach - 2 coho hooked & observed coho fry & JV's as we proceeded through section. Shocked 50m above U.L. & collected 2 JV Fry (coho at 57cm) Juvenile coho located above several 10-15cm falls indicating adult spawning. Adult pink (mort) by mouth Photo 33 Roll 5 saw deer trail & bear dung

GPS FILENAME: 108 22 22 A/B 108 25 23 A TOTAL BARRIER? Y ___ N X

STREAM TYPE: A X B ___ C ___

IF BARRIER IS TOTAL, LAT: _____ LON: _____

SKETCH:



50° 8con

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

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 252-34-Beck801 SECTION: Fork B

STATION: 1 DATE: 8/21/92 GPS-ID: 1Ø8 2222A/B FIX: _____

STATION-LAT: GPS FILE STATION-LON: GPS FILE

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

CONDUCT: 8 upstrs AREA SHOCKED (sqm): 0.5

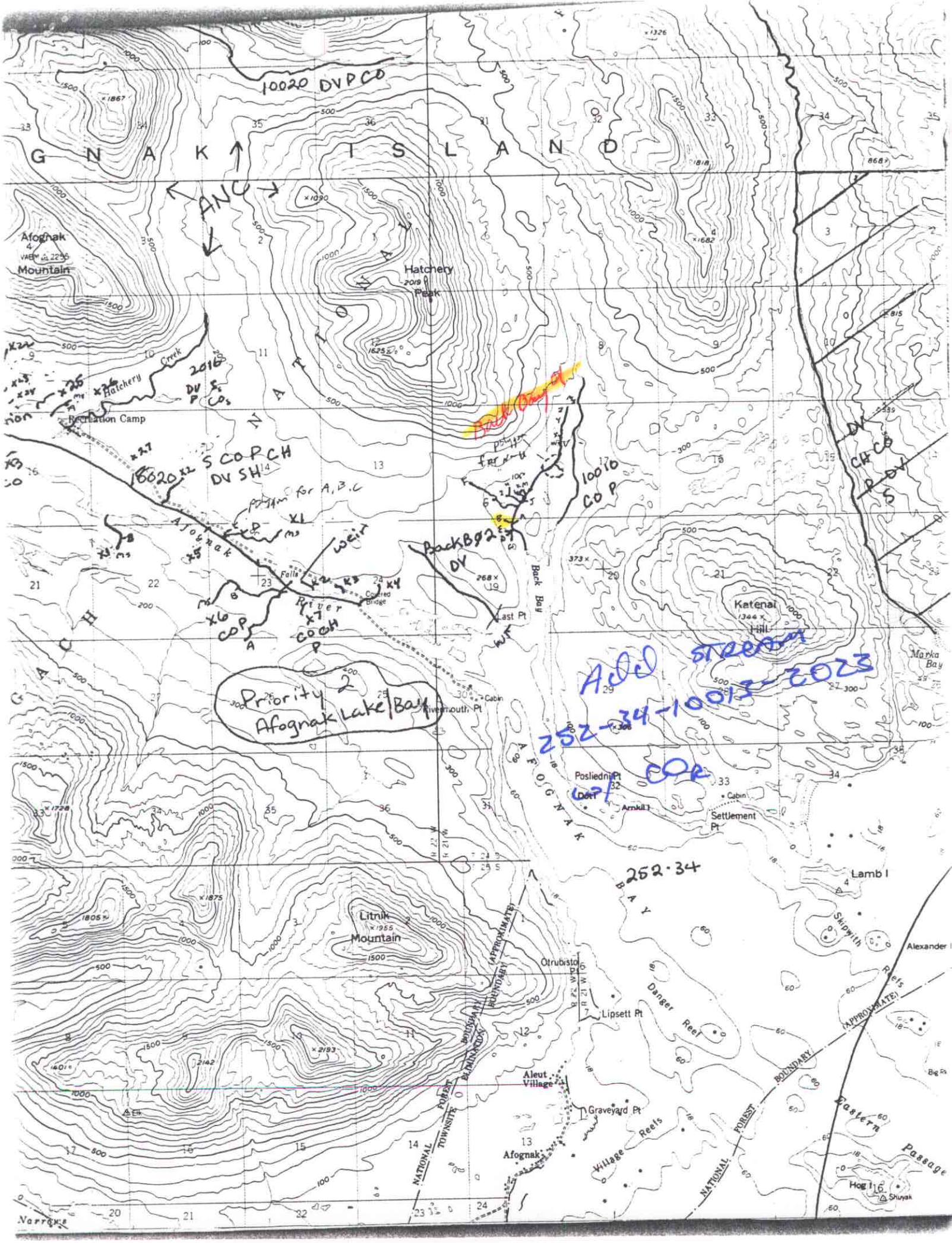
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	2	

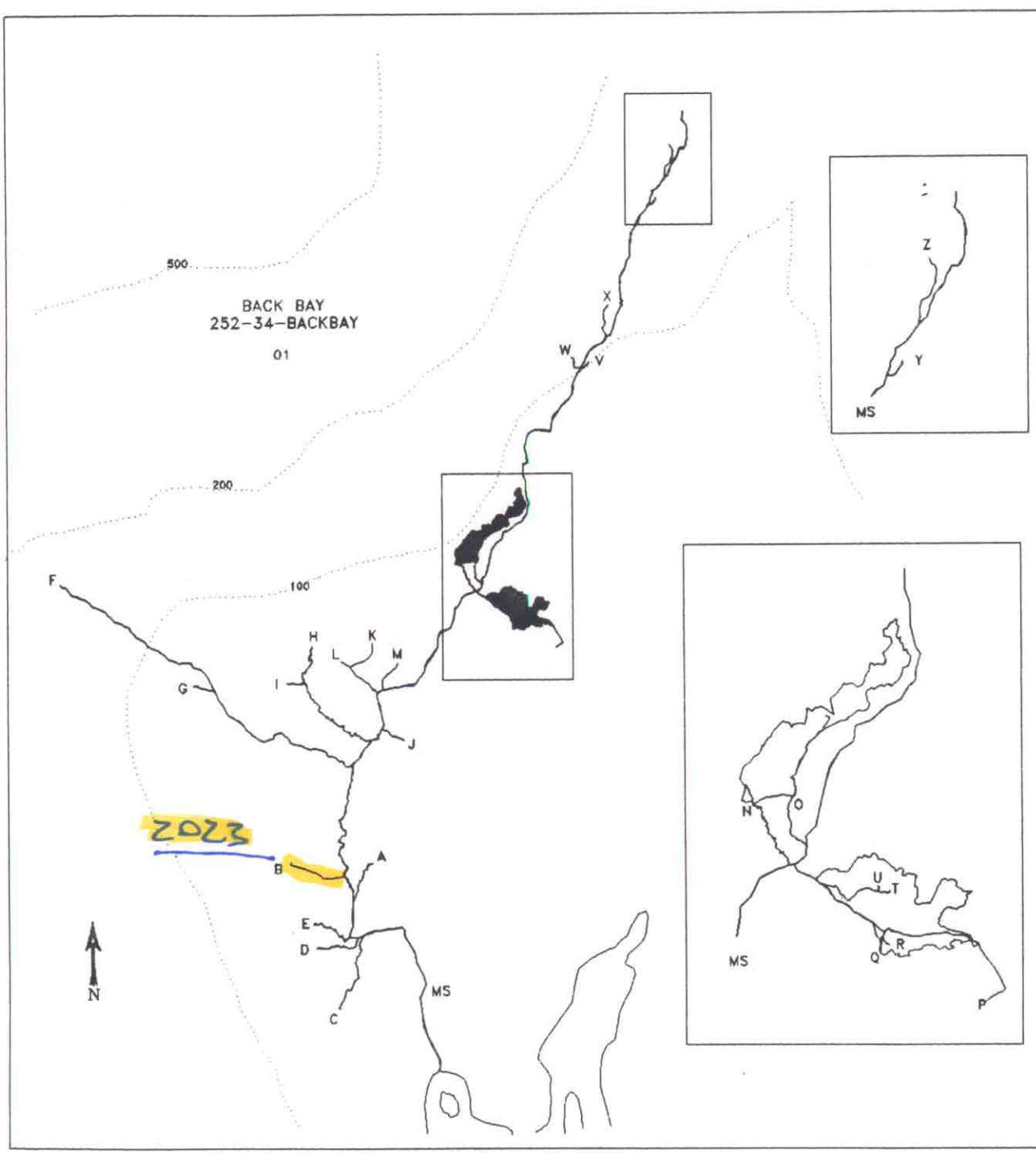
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: Photo 33, Roll 5
Shocked approximately 80 m above station and collected 2 Dolly Varden.



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 COs
10020 S COPCH DV SH
Afognak River
Falls
Covered Bridge
Back Bay
Back Bay Pt
10010 COP
Back B02 DV
Last Pt
Katenai Hill
Marka Bay
Priority 2 Afognak Lake/Bay
Rivermouth Pt
Cabin
Add STREAM 252-34-10013-2023 COR
Posliedni Pt
Arnkil I
Settlement Pt
252·34
Lamb I
Skipwith Reefs
Alexander I
Litnik Mountain
Otrubisto Pt
Lipsett Pt
Danger Reef
Aleut Village
Graveyard Pt
Village Reefs
Afognak
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