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

252-34-Back 801-I

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 252-34-10013-2035-3017

Name of Waterway Elkhorn Creek USGS name ___ Local name X

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 270		
Revision Year: '93		
Revision to: Atlas ___ Catalog ___ Both X		
Revision Code: A-2		
	Regional Supervisor	11/3/92 Date
	Ed Weiss	12/29/92
	D. Crone Drafted	1/22/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho (juv)	8/22/92		X		X
Dolly varden (juv)	8/22/92		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:

One-half meter in width, slow flowing with deep pools. Barrier is four foot subterranean falls located Ten meters above upper extent station. Shocked and observed Numerous coho and Dolly Varden in this Tributary. We shocked .5 m^2 for 5 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 Wasemon, 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 2: SECTION

ver 062692.0

STREAM#: 25234 BACKB 01 SECTION: 0 I

DATE: 8/22/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 05 33.0 START LON: 152 46 34.9

END LAT: 58 05 33.0 END LON: 152 46 37.3

LENGTH (m): 40 WIDTH (m): .5 GRADIENT (%): 1

BANK TYPE: flat, veg STREAM DEBRIS: willows

BANK VEGETATION: willows, grass

STREAM SUBSTRATE: SI, GR, ASH

BANK SUBSTRATE: VEG

CHARACTER: slow trickle in meadow with deep pools, 90% vegetation cover. Barrier is 4' fall (subterranean)

COMMENTS: fall is ~ 10m above extent, which was last pool that could be shocked. At this point, the trib is mostly subterranean. Observed Dolly Varden + numerous Coho in trib. Walked GPS, backtracked from extent (fix 208) to H/I confluence (fix 234).

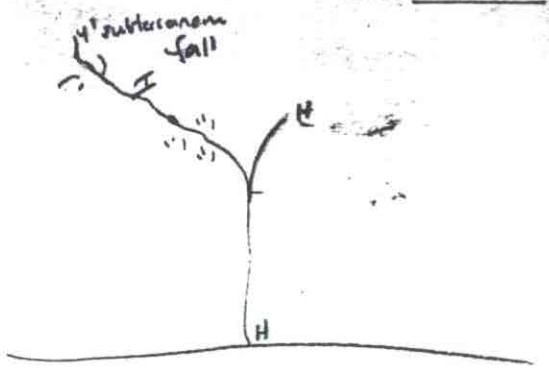
GPS FILENAME: A082223D TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___ IF BARRIER IS TOTAL, LAT: ___ LON: ___

Roll 6, #4

SKETCH:

47°F
Cl 6
.5 m2
5 sec
.5 m2



meadow 2

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

missing section Form I

FISH HABITAT ASSESSMENT 1992

FORM 3: STATION

ver 062692.0

STREAM#: 252-34-Back BØ1 SECTION: I

STATION: 1 DATE: 8/22/92 GPS-ID: A0822230 FIX: 2D?

STATION-LAT: 58 05 33.0 STATION-LON: 152 46 37.3

GEAR: ES TIME-INT: 5 TIME-UNIT: sec

CONDUCT: 6 AREA SHOCKED (sqm): 0.5

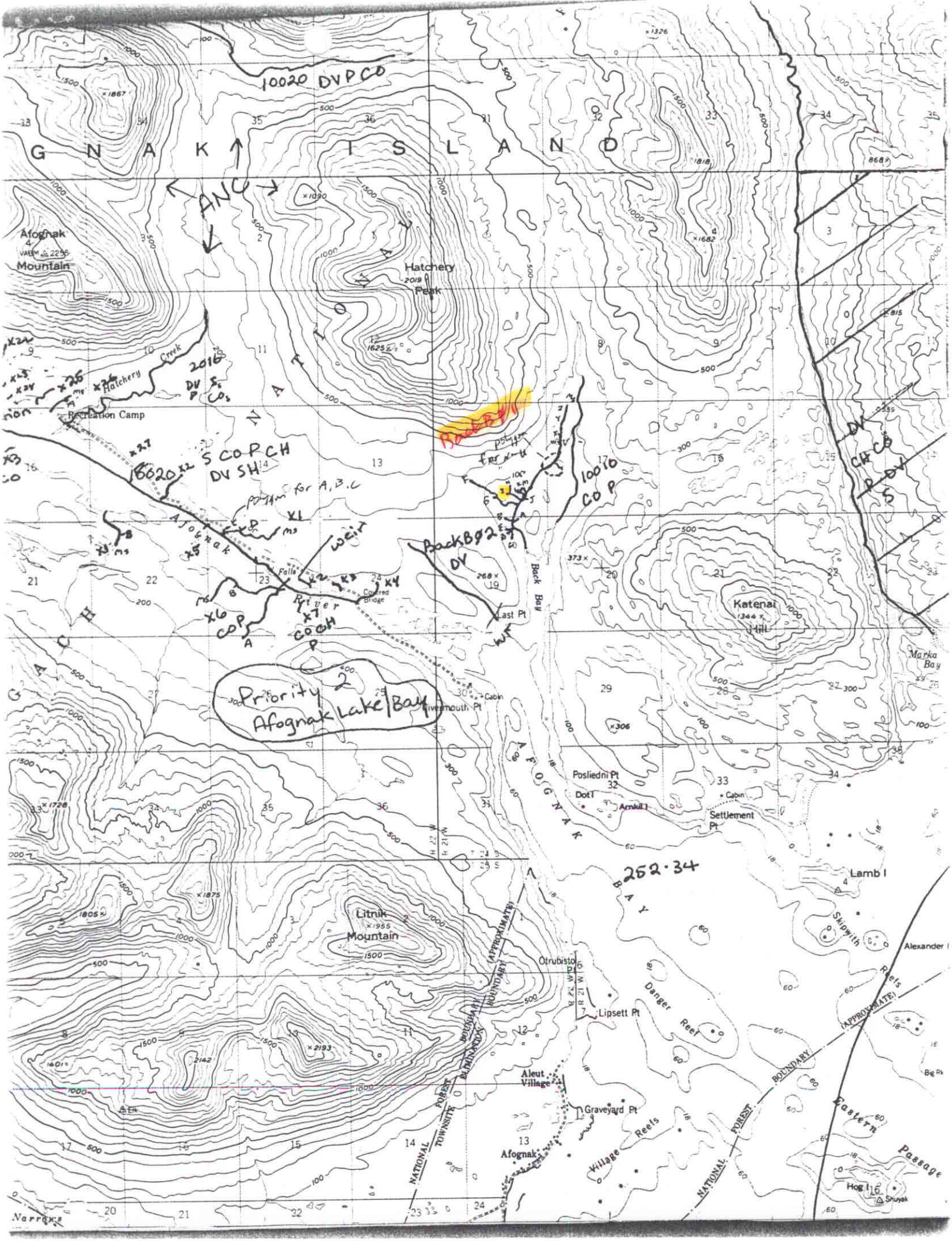
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
coho	fry	1	

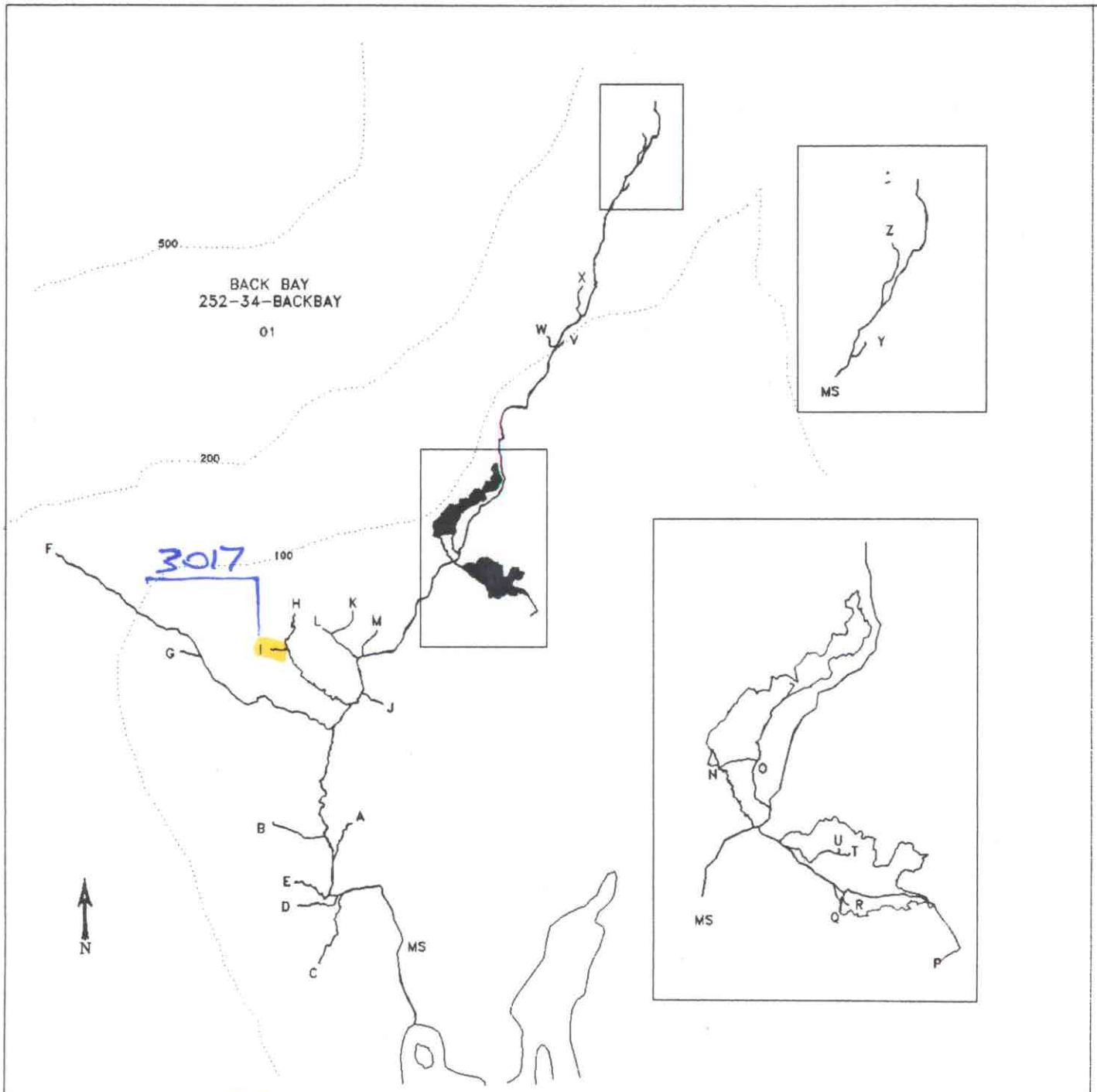
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS: Roll 6, Photo 4 Water temp - 49°F
About 10 m above station is 4 ft falls



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
10020 S COPCH DV SH
Afognak River
Falls
Covered Bridge
Back Bay
Back B02 DV
10010 COP
Last Pt
Katenai Hill
Marka Bay
Priority 2 Afognak Lake/Bay
Rivermouth Pt
Cabin
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
NATIONAL FOREST BOUNDARY (APPROXIMATE)
TOWNSITE ELIMINATION BOUNDARY
Narrows



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

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ADD STREAM 252-34-10013-2035-3017