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

252-34-10020-0010-X11 ms (main stem)

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 252-34-10020-2148

Name of Waterway Gravy Creek USGS name ___ Local name +

Addition + Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 237	[signature]	11/3/92
Revision Year: -93	Regional Supervisor	Date
Revision to: Atlas ___ Catalog ___	ED Weiss	12/29/92
Both X	[signature]	1/13/93
Revision Code: A-2	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	7-29-92		+		+

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. Slow flowing stream with numerous pools. Terminates at headwaters in a series of one meter deep holes interconnected by subterranean trickles. Complete barrier. Observed numerous coho fry as we proceeded upstream through this section. (upper extent station) we shocked ~3 m² for 5 seconds capturing one coho fry at the upper extent station. See final report for detailed narrative and map.

Name of Observer (please print) Katrin 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 1: STREAM

ver 062692.0

STREAM#: 252 34 10020 0010 x11 DATE: 7/29/92

STREAM NAME: ~~Deep Hole Creek~~ Gravy creek

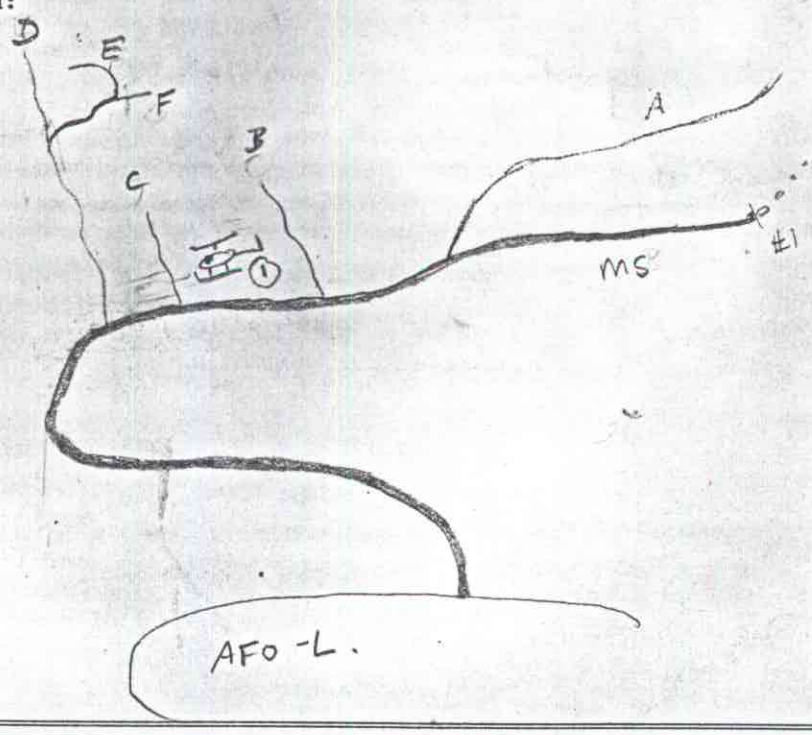
LOCATION: Afognak Lake

MOUTH-LATITUDE: 58 07 57.4 MOUTH-LONGITUDE: 152 58 30.6

TEAM: BMWS STAGE: H__ M✓ L__

COMMENTS: Streams end in headwaters that are a series of 1m holes, interconnected by subterranean trickles

SKETCH:



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 252 34 10020 X11 SECTION: MS

DATE: 7/29/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: 58 07 57.4 START LON: 152 58 30.6

END LAT: 58 08 04.2 END LON: 152 57 29.2

LENGTH (m): ___ WIDTH (m): 1 GRADIENT (%): 1

BANK TYPE: veg, undercut STREAM DEBRIS: organic

BANK VEGETATION: grasses, willows, spruce, alder

STREAM SUBSTRATE: SA GR

BANK SUBSTRATE: VE

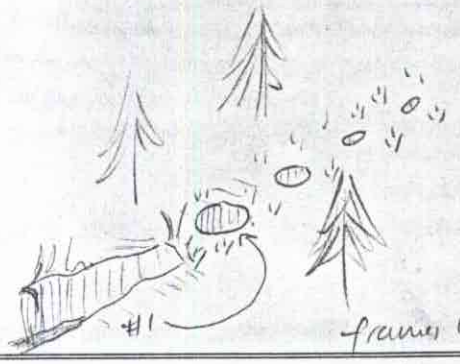
CHARACTER: slow stream with numerous pools terminating at headwaters in a series of interconnected 1m deep holes

COMMENTS: wk very little water volume.

GPS FILENAME: A08011 9B TOTAL BARRIER? Y ✓ N ___

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

SKETCH:



frames 16,17 roll 4

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 10020 x11 SECTION: MS

STATION: 1 DATE: 7/29/92 GPS-ID: A0880119B FIX: _____

STATION-LAT: 59 08 04.2 STATION-LON: 152 57 29.2

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

CONDUCT: _____ AREA SHOCKED (sqm): .3

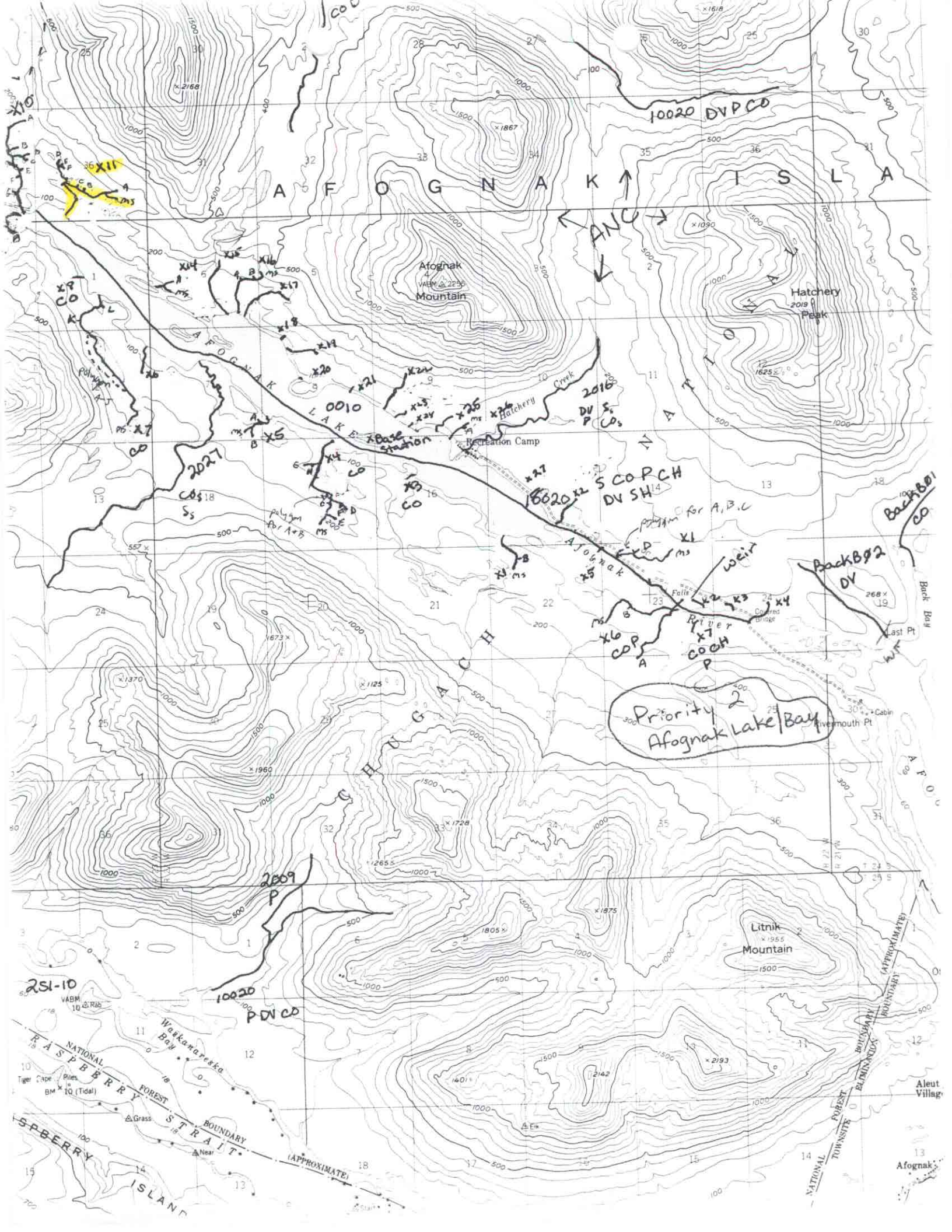
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
COHO	fry	1	

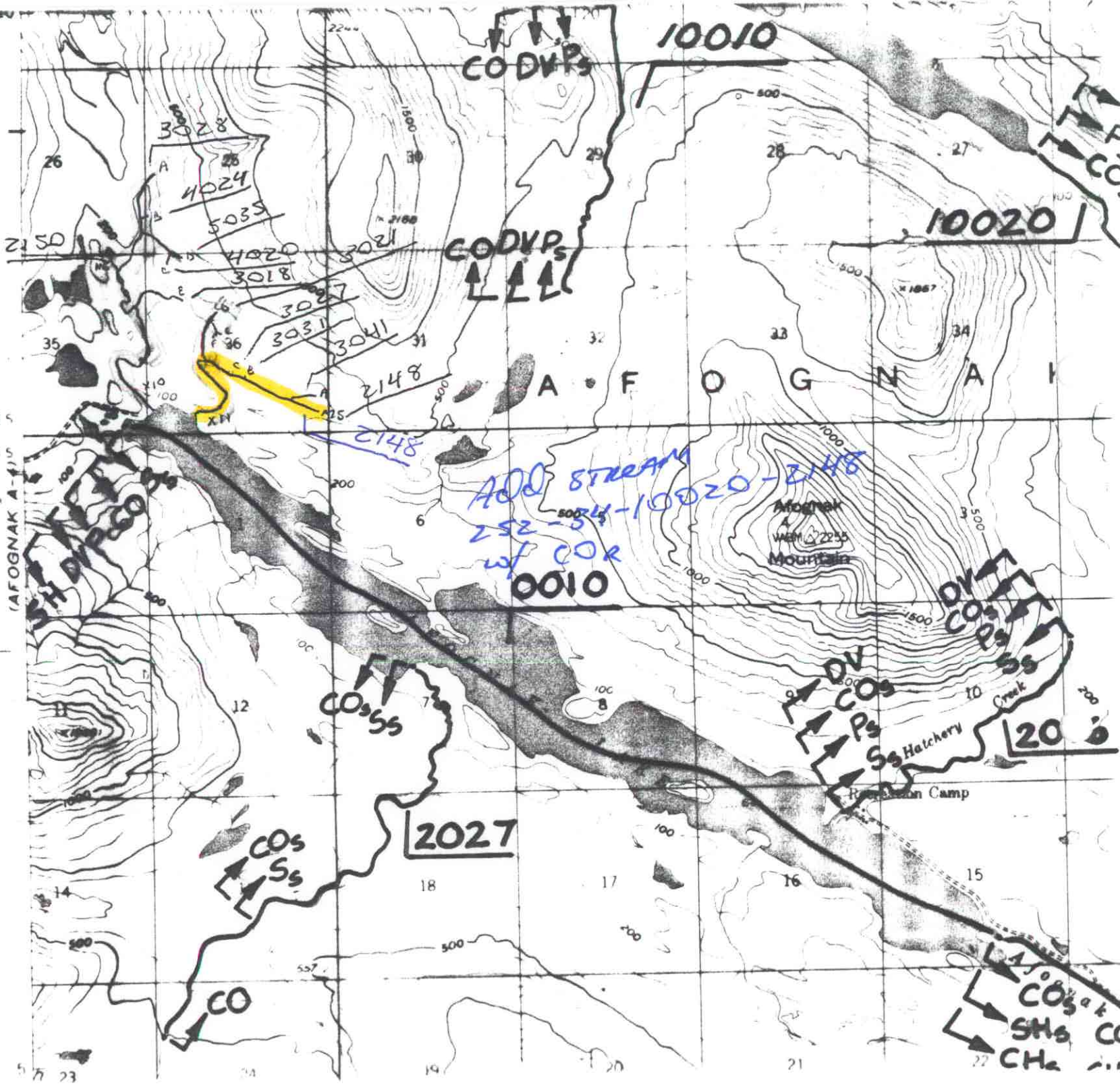
WILDLIFE

SPECIES	COUNT	COMMENTS

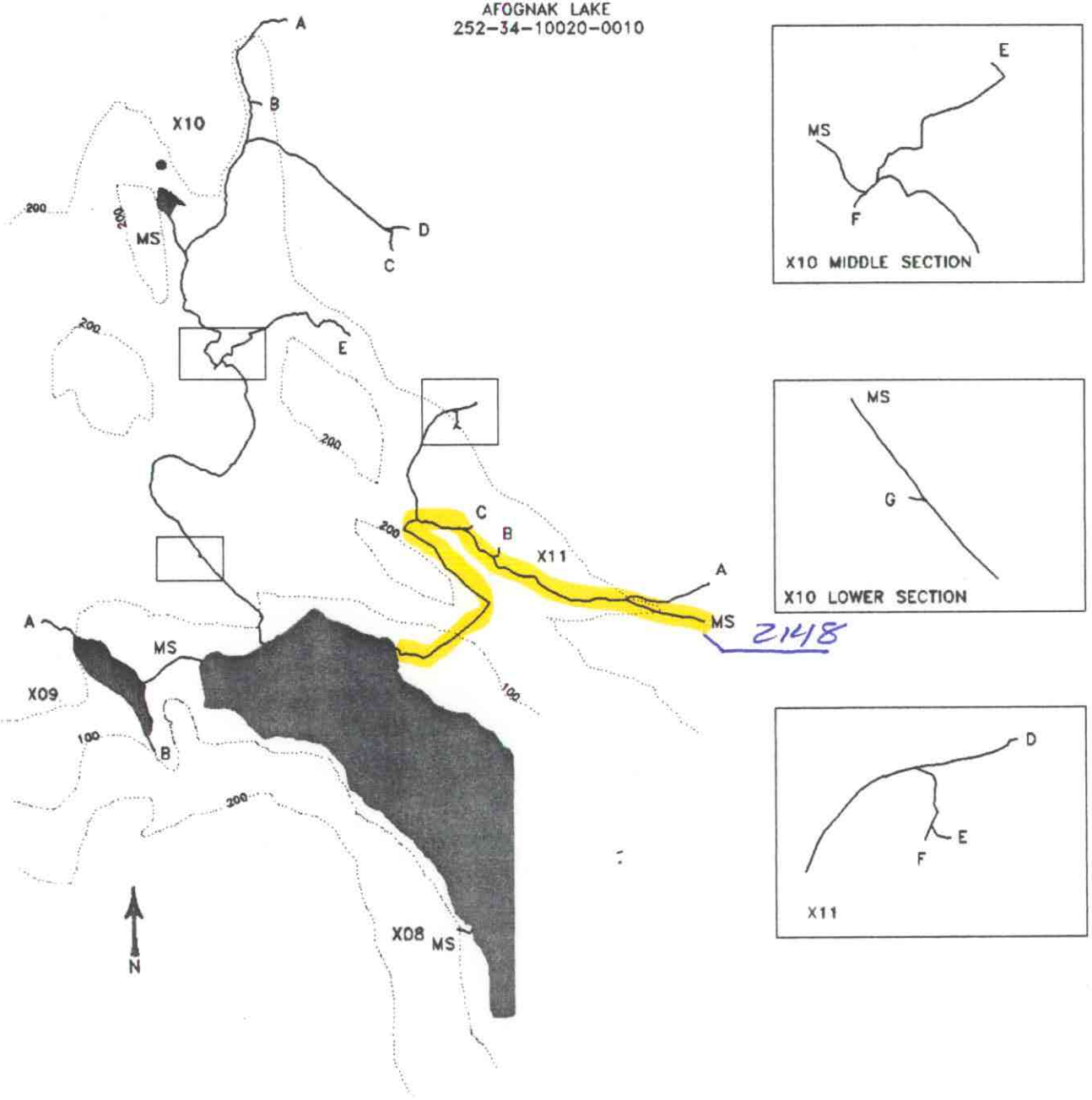
STATION COMMENTS:



AFOGNAK ISLA
Afognak Mountain
Hatchery Peak
Hatchery Creek
Recreation Camp
AFOGNAK LAKE
Afognak River
Falls
Covered Bridge
Back Bay
Last Pt
Rivermouth Pt
Cabin
CHUGACH NATIONAL
Litnik Mountain
Waskanareska Bay
RASPBERRY STRAIT
RASPBERRY ISLAND
NATIONAL FOREST BOUNDARY (APPROXIMATE)
TOWNSITE ELIMINATION BOUNDARY
Aleut Village
Afognak
10020 DVPCO
ANC
0010
2016
2027
2009
251-10
10020 PDVCO
Base Station
Priority 2
Afognak Lake/Bay



10010
CODVPs
10020
CODVPs
3028
4024
5035
4020
3018
3021
3027
3031
3041
2148
2150
A F O G N A K
2148
ADD STREAM
252-34-10020-2148
w/ COR
Afognak
Mountain
0010
DV
COs
Ps
Ss
Hatchery
Creek
Recreation Camp
COs
Ss
2027
COs
Ss
CO
COs
SHs
CHs
(AFOGNAK A-4)



MAP 2-D

STREAM HABITAT ASSESSMENT

PROJECT R-47

AFOGNAK LAKE STREAMS

X08-X11

LEGEND

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

SCALE

50 500 1000

1000 m

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

December 15, 1992