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

251-30-10010-50-

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 251-30-10010-2058-3015-4018

Name of Waterway South Fork, Long Lagoon Creek USGS name ____ Local name X

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

| | | | |
|---|---|---|---|
| Nomination # | 93 136 | Regional Supervisor | 11/3/92 Date |
| Revision Year: | '93 | | |
| Revision to: Atlas ____ Catalog ____ Both X | | Ed Weiss | 12/30/92 |
| Revision Code: | A-2 | L. Shone Drafted | 1/22/93 Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Migration | Anadromous |
|---|---|---|---|---|---|
| Coho fry | 8-27-92 | | X | | X |
| Dolly Varden (juv) | 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:

One-half meter in width. Moderately swift with numerous pools. The upper extent is three meters below a six inch drop which is a barrier to coho fry. We shocked .5 m² for 5 seconds at the upper extent station capturing one coho fry and one juvenile Dolly Varden. Thirty meters above the upper extent station is located a three foot drop which is the second barrier. We shocked forty meters of the stream above the upper extent locating only Dolly Varden. See final report for detailed narrative and map.

Name of Observer (please print) Katrin Sundet, Nancy Magnus, 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#: 251 30 10010 50 SECTION: K

DATE: 8/27/92 METHOD: FOOT DIREC: UP ✓ DOWN ___

START LAT: GPS - file START LON: GPS - file

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

LENGTH (m): 38 WIDTH (m): .5 GRADIENT (%): 3

BANK TYPE: FLAT VEG STREAM DEBRIS: ferns, twigs

BANK VEGETATION: Ferns, Spruce, Alder

STREAM SUBSTRATE: SA GR

BANK SUBSTRATE: VEG

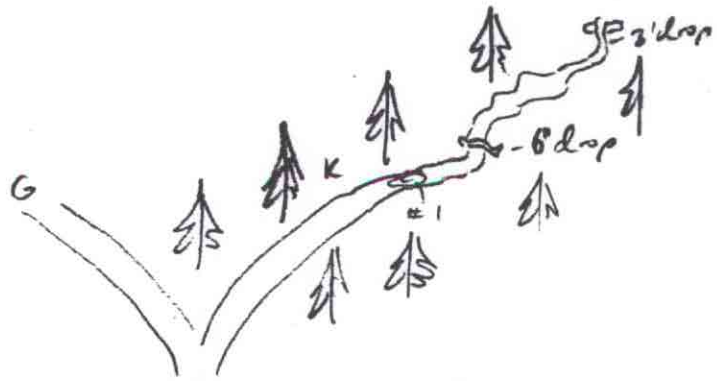
CHARACTER: moderately swift, with numerous pools. Extent ~ 3 m below a 6' drop.

COMMENTS: Shocked ~ 40 m above, found only DV. 3' drop 30 m above extent.

GPS FILENAME: A082823D, F TOTAL BARRIER? Y ✓ N ___

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

SKETCH: Coul 5 50°F
Roll 7 #3
1 Coho
1 DV
.5
5




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#: 251 30 10010 80 SECTION: 5

STATION: 1 DATE: 8/27/92 GPS-ID: 7C0828230,F FIX: —

STATION-LAT: GPS file STATION-LON: GPS file

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

CONDUCT: 5 AREA SHOCKED (sqm): .5

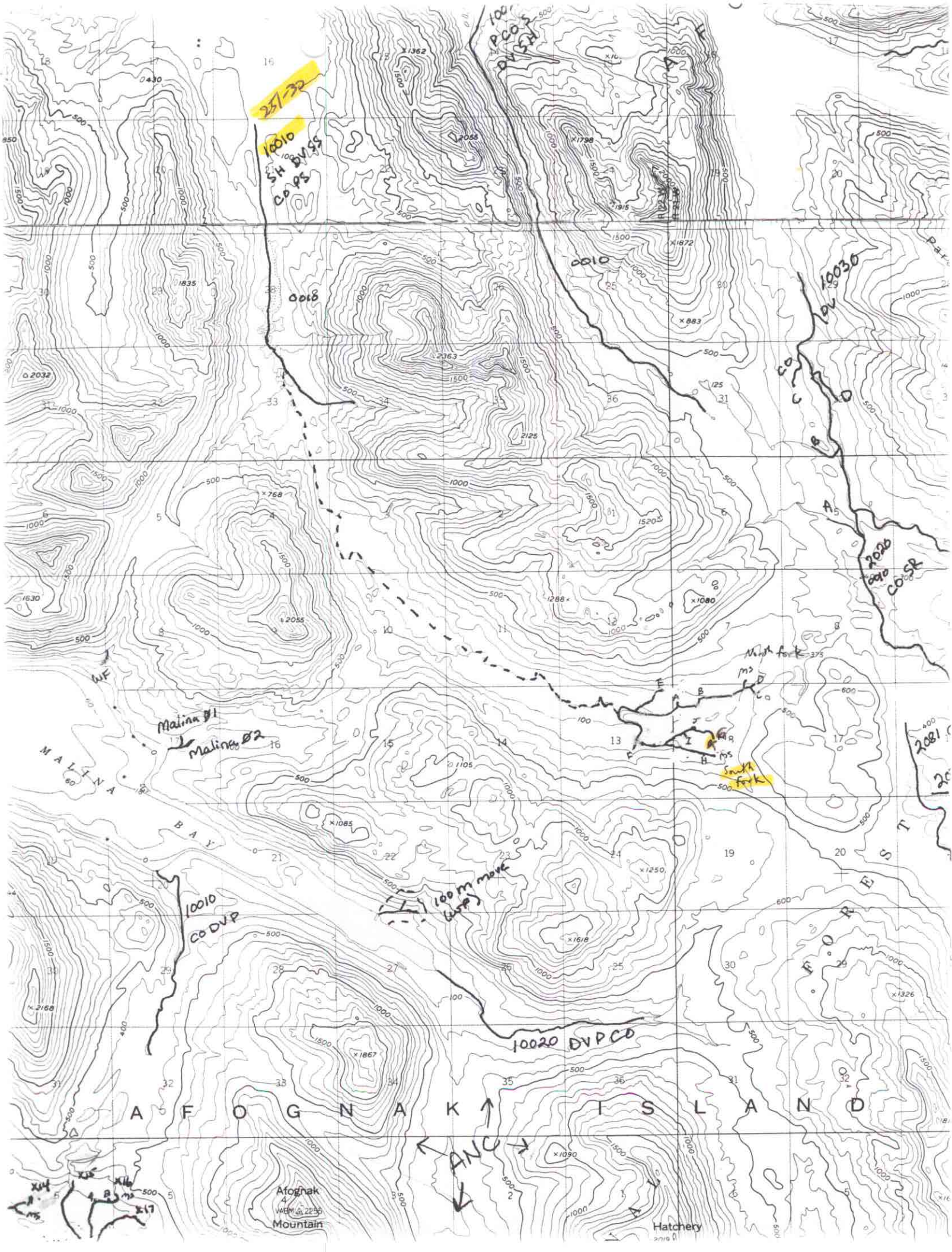
FISH

| SPECIES | LIFE STAGE | COUNT | LENGTH (mm) |
|---|---|---|---|
| Cotto | fry | 1 | — |
| | | 1 | — |

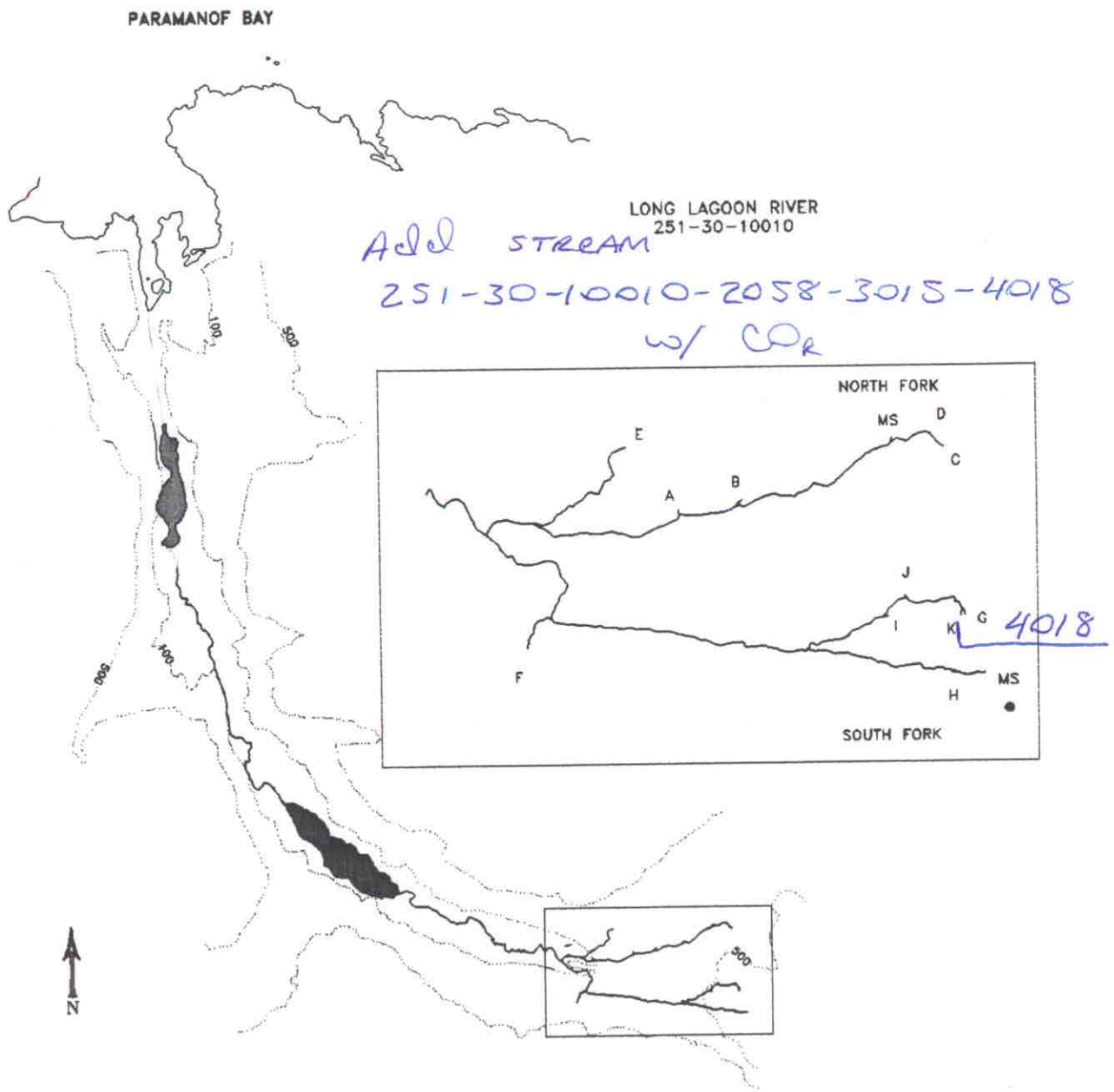
WILDLIFE

| SPECIES | COUNT | COMMENTS |
|---|---|---|
| | | |

STATION COMMENTS:



251-32
10010
SH DVSS
CO PS
PCO S
DV SH
0010
0018
10030
DV
CO
2020
0010
CO SR
North fork
South fork
Malina Ø1
Malina Ø2
MALINA BAY
10010
CO DVP
100 m move
(WP)
10020 DVP CO
AFOGNAK ISLAND
FOREST
ANC
Afognak
Mountain
Hatchery




MAP 3

STREAM HABITAT ASSESSMENT

PROJECT R-47

LONG LAGOON RIVER

251-30-10010

LEGEND

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

SCALE

1000 2000 3000

4000 m

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

December 15, 1992