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

251-30-10010-NO-A

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 251-30-10010-2065

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

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 93 125	[signature] 11/3/92
Revision Year: '93	Regional Supervisor — Date
Revision to: Atlas ____ Catalog ____	Ed Weiss 12/30/92
Both X	L. Irone 1/22/93
Revision Code: A-2	Drafted — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	8-25-92		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. Slow, meandering through meadow, quiet pools. Barrier to coho fry is a one foot drop twenty meters upstream of upper extent station. Both rearing and spawning habitat occur below the barrier. A pink salmon head was located at the stream mouth. We shocked .5 m² for 5 seconds at the upper extent station capturing one coho fry. Shocked and observed coho from the stream mouth to the upper extent station. 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 NO SECTION: A

DATE: 8/25/92 METHOD: Foot DIREC: UP ✓ DOWN ___

START LAT: 58 N 18.4 START LON: 152 52 08.3

END LAT: 58 14 23.5 END LON: 152 52 08.8

LENGTH (m): 26 WIDTH (m): 1 GRADIENT (%): 2

BANK TYPE: flat, veg STREAM DEBRIS: vegetation, woody

BANK VEGETATION: Grasses, Spruce, willow

STREAM SUBSTRATE: GR, SI, SA, Ash

BANK SUBSTRATE: VEG

CHARACTER: slow, meandering thru meadow, quiet pools in woods near confluence. Rearing habitat below barrier

COMMENTS: Barrier is 1' drop ~ 20 m upstream of Pink salmon habitat mouth.

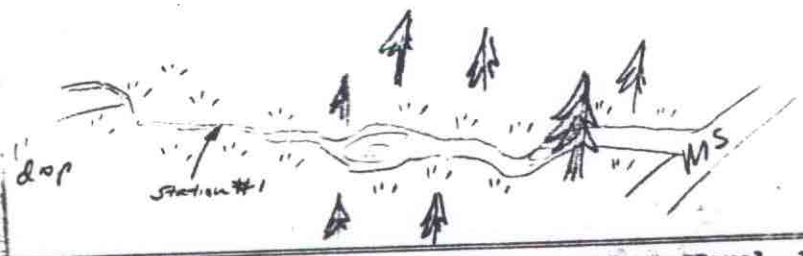
At the 1' drop, the channel is ~.2 m wide.

GPS FILENAME: A0826228 TOTAL BARRIER? Y ✓ N ___

STREAM TYPE: A ✓ B ___ C ___

IF BARRIER IS TOTAL, LAT: ___ LON: ___

SKETCH: Roll 6, 27
1 Coho
5sec, .5m²



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 NO SECTION: A

STATION: 1 DATE: 8/25/92 GPS-ID: A0826228 FIX: -

STATION-LAT: 58 14 23.5 STATION-LON: 152 52 08.8

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

CONDUCT: - AREA SHOCKED (sqm): .5

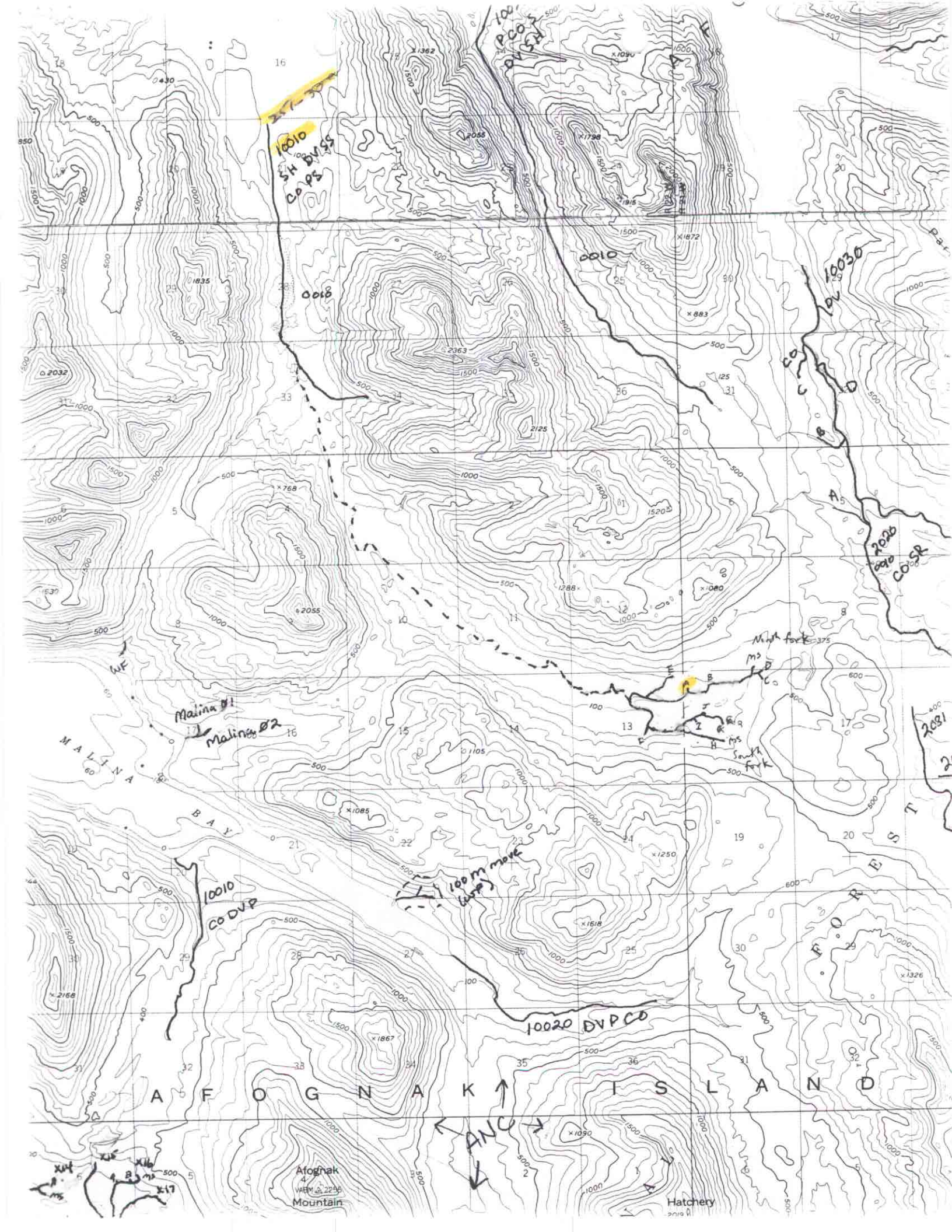
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	-

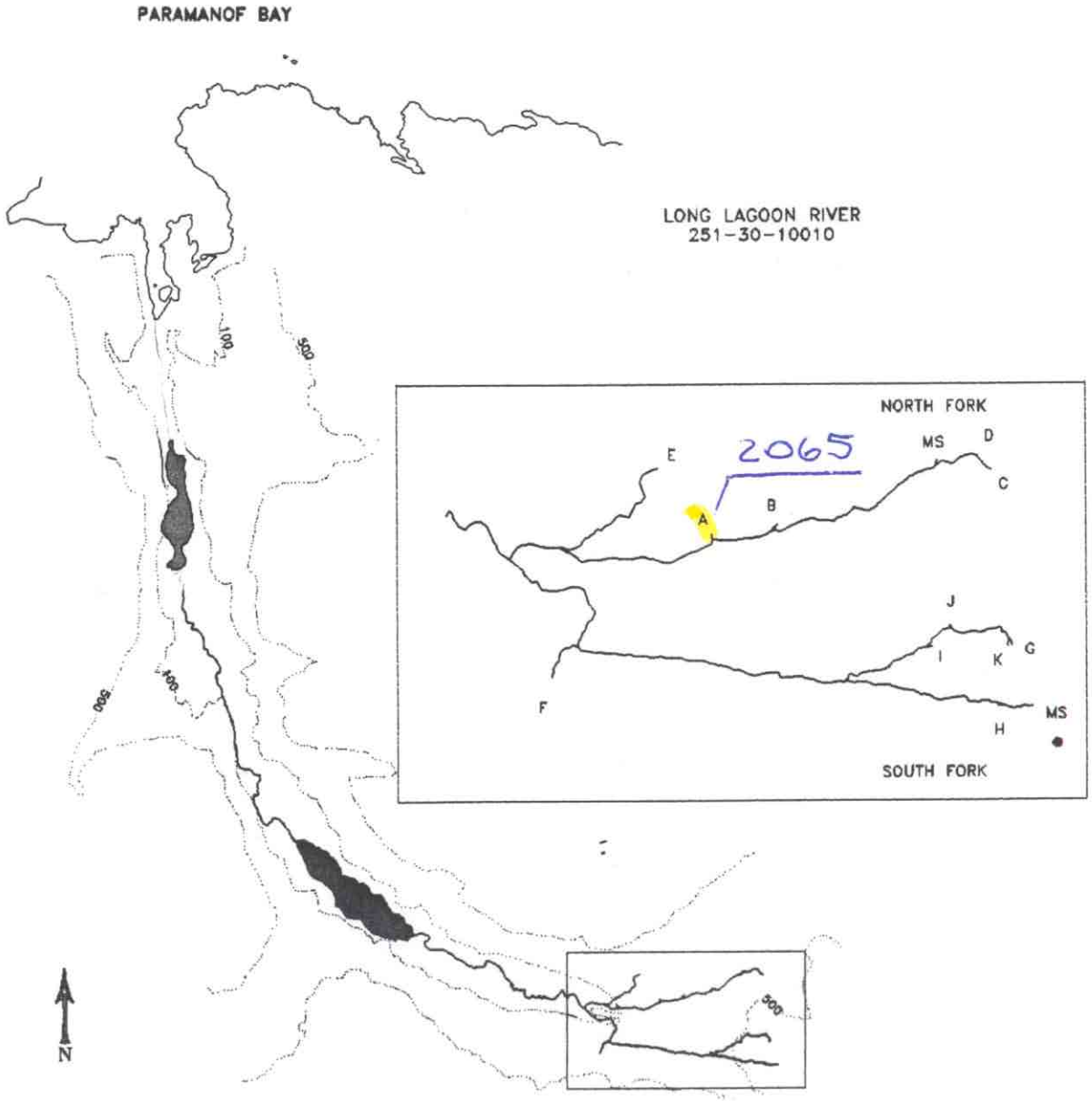
WILDLIFE

SPECIES	COUNT	COMMENTS

STATION COMMENTS:



10010
SH DVSS
CO PS
PCO S
DV SH
0010
0018
10030
DV
CO
2020
0010
COSR
Malina Ø1
Malina Ø2
WF
MALINA BAY
North fork
South fork
100 m move
10010
CO DVP
10020 DVPCO
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