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

ALASKA DEPT. OF FISH & GAME

OCT 16 1992

REGION II
HABITAT DIVISION

AWC Volume SE SC (SW) W AR IN USGS Quad Afognak (B-1), Alaska

Anadromous Water Catalog Number of Waterway 251-82-10080-2069

Name of Waterway _____ USGS name ___ Local name ___

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 170		
Revision Year: '93	Regional Supervisor	11/3/92 Date
Revision to: Atlas ___ Catalog ___ Both X	Ed Weiss	12/31/92
Revision Code: A-2	Drafted	1/27/93 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho fry	7-13-92		X		X
Dolly Varden (juv.)	7-13-92		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 meter wide stream, deeply cut into organic layer. A 1.5 foot falls is a barrier for coho fry. Dolly varden were observed and captured above the falls. Dolly varden and coho fry were captured by electroshocking. At the upper extent (barrier) one coho and one Dolly varden were captured by electroshocking a 2 m^2 area for 5 seconds. See copy of final report for detailed narrative and map.

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

Date: 8-11-92 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 82 10080 0020 X7 DATE: 7/13/92

STREAM NAME: Laura Lake Southeast

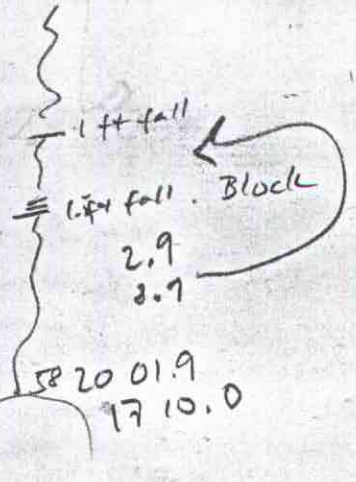
LOCATION: Laura Lake, SE

MOUTH-LATITUDE: 58 20 01.9 MOUTH-LONGITUDE: 152 17 10.0

TEAM: B F S W STAGE: H__ M ✓ L__

COMMENTS: raw GPS overflight in evening.

SKETCH: overflight: 7071404A



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 B2 10080 0020 x7 SECTION: A

DATE: 7/13/92 METHOD: FOOT DIREC: UP V DOWN ___

START LAT: 58 20 01.9 START LON: 152 17 10.0

LAT: 58 20 2.9 END LON: 152 17 8.9

LENGTH (m): 29 WIDTH (m): 1 GRADIENT (%): 1

BANK TYPE: veg cut STREAM DEBRIS: log, Boulder

BANK VEGETATION: Grass Dev Club Spruce

STREAM SUBSTRATE: GR Org Co SA

BANK SUBSTRATE: VE

CHARACTER: Deeply cut into vegetation w 1 ft pools + 1-2 ft falls

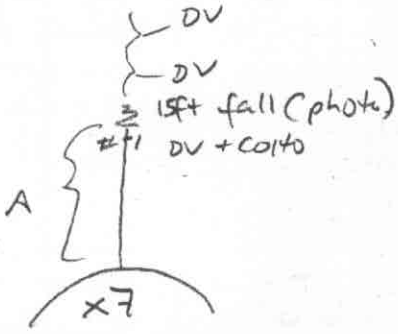
COMMENTS: 1.5 ft fall is upper barrier for juveniles

GPS FILENAME: 70714 04A TOTAL BARRIER? Y V N ___

STREAM TYPE: A V B ___ C ___ IF BARRIER IS TOTAL, LAT: 58 20 2.9 LON: 152 17 8.9

SKETCH:

92KS002 #15



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 R2 10080 0020 XA SECTION: A

STATION: 1 DATE: 7/13/92 GPS-ID: 7071004A FIX: 3D

STATION-LAT: 58 20 01.9 STATION-LON: 152 17 10.0

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

CONDUCT: 11 AREA SHOCKED (sqm): 1

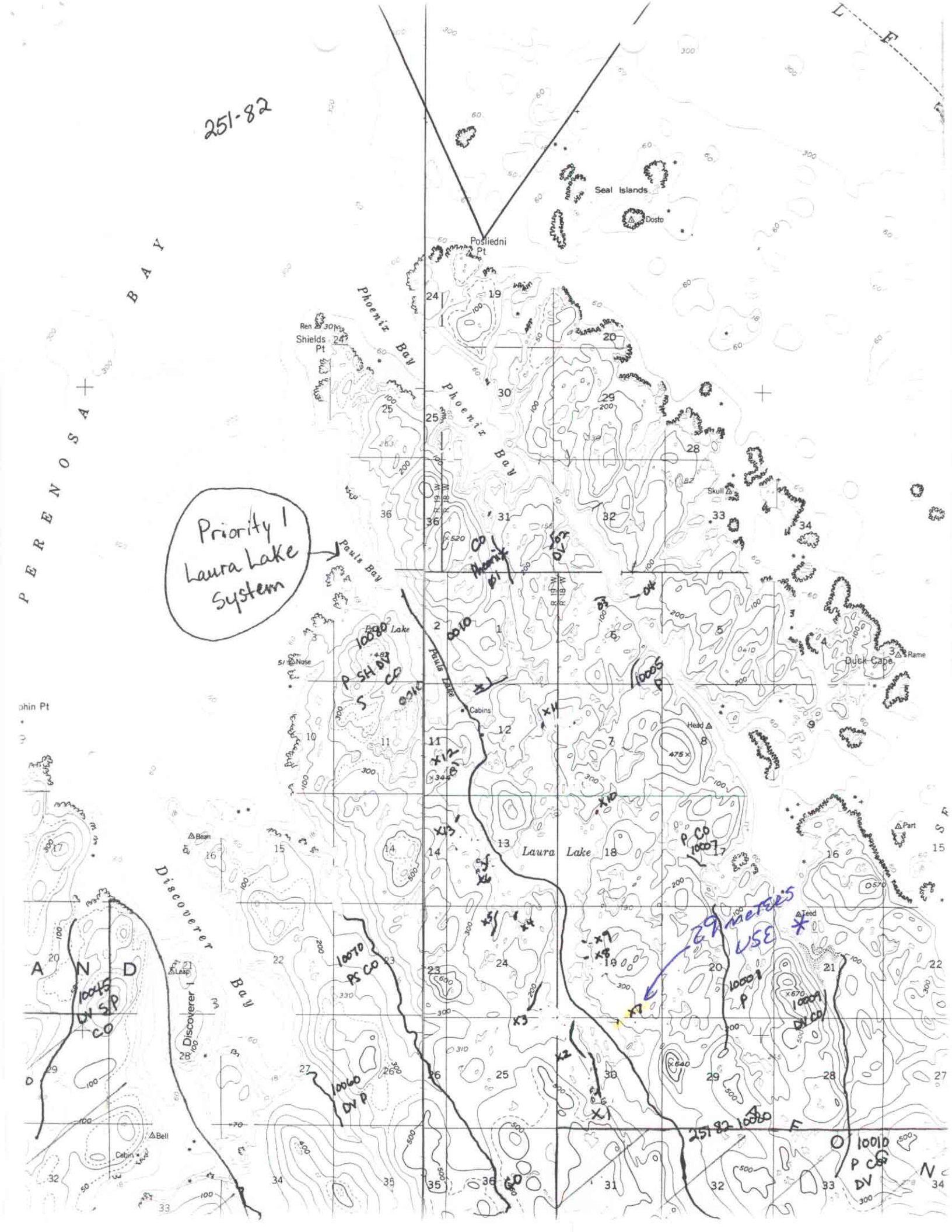
FISH

SPECIES	LIFE STAGE	COUNT	LENGTH (mm)
Coho	fry	1	
2V	juv	1	

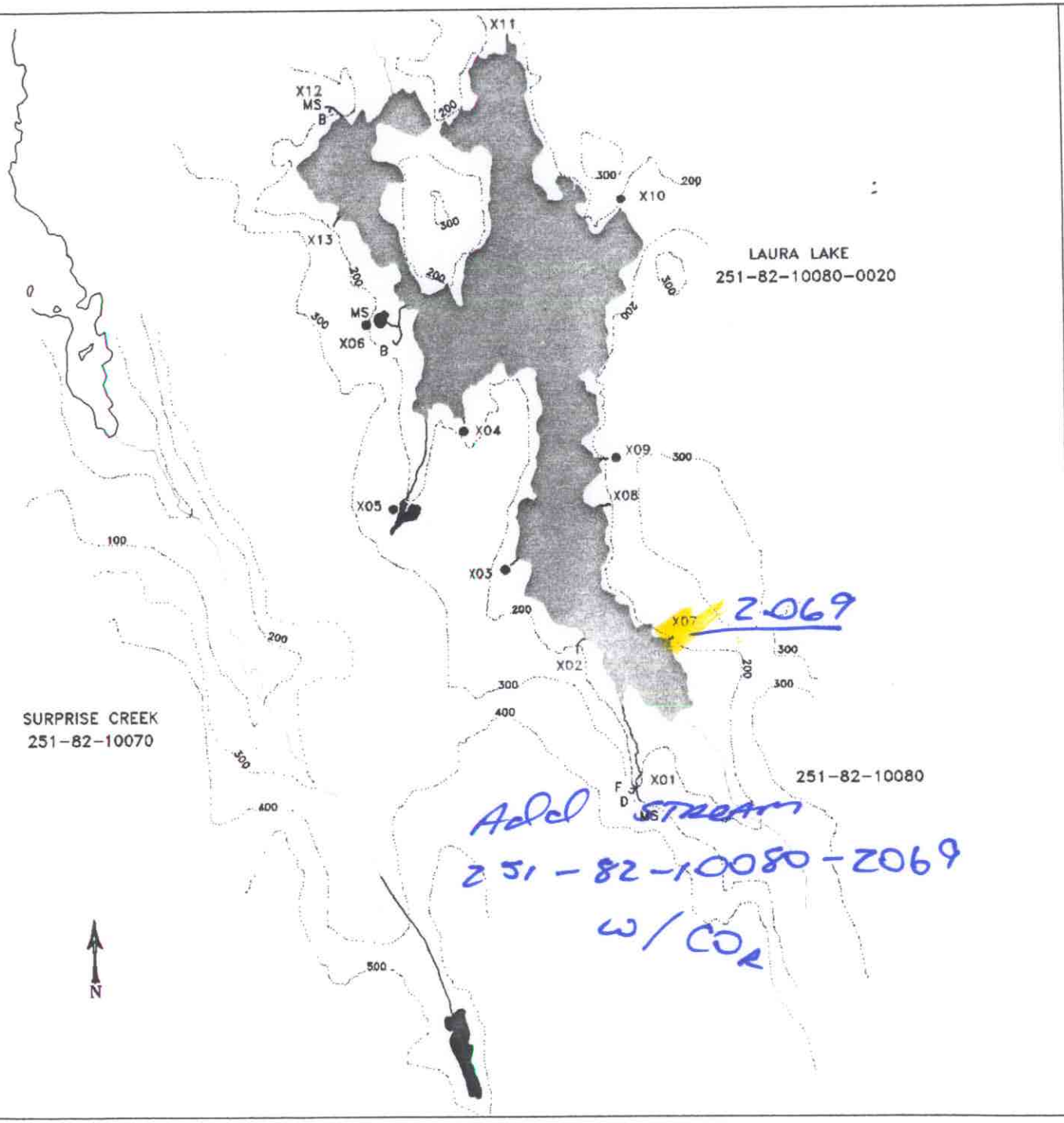
WILDLIFE

SPECIES	COUNT	COMMENTS
ELK		tracks

STATION COMMENTS: Station is 1/4 mi below upper extent.



251-82
Priority 1
Laura Lake
System
Seal Islands
Dosto
Posliedni Pt
Phoenix Bay
Shields Pt
Ren
Skull
Pauls Bay
Pauls Lake
Nose
Cabins
Head
Duck Cape
Rame
Laura Lake
Bean
Leap
Discoverer Bay
Discoverer I
Bell
Cabin
Part
Teed
PERENOSA BAY
29 meters USE
10080 P SH DV S CO
10005 P
10070 PS CO
10045 DV S/P CO
10060 DV P
10008 P
10009 DV CO
10010 P CO DV
251-82-10080



MAP 7-B

STREAM HABITAT ASSESSMENT

PROJECT R-47

LAURA LAKE STREAMS AND

SURPRISE CREEK

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 1000

2000 m

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

December 15, 1992