State of Alaska
Department of Fish and Gam
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 251-82-10080-0020-2026

Name of Waterway 93 175 USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

| | |
|---|---|
| Nomination # ____ | [signature] Regional Supervisor — 11/3/92 Date |
| Revision Year: '93 | Ed Weiss — 12/31/92 |
| Revision to: Atlas ____ Catalog ____ Both X | 2 Irone Drafted — 1/14/93 Date |
| Revision Code: A-2 | |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Migration | Anadromous |
|---|---|---|---|---|---|
| Coho fry | 7-13-92 | | X | | X |
| Dolly varden | 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 half meter in width, deep and clear. Deeply cut into organic layer as it flows through meadows. Coho fry and Dolly Varden observed and captured along length of stream. The upper extent for rearing coho appears to be a small one foot falls. Electroshocking the pool below the small falls in a 1m² area for 5 seconds resulted in the capture of three juvenile, coho. Electroshocking pools above the falls resulted in the capturing of Dolly varden only. See 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#: 251 82 10080 0020 X12 DATE: 7/13/92

STREAM NAME: —

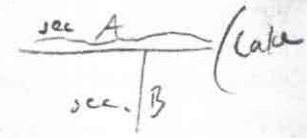
LOCATION: Laura Lake, Northeast tip

MOUTH-LATITUDE: 58 22 03.7 MOUTH-LONGITUDE: 152 19 36.5

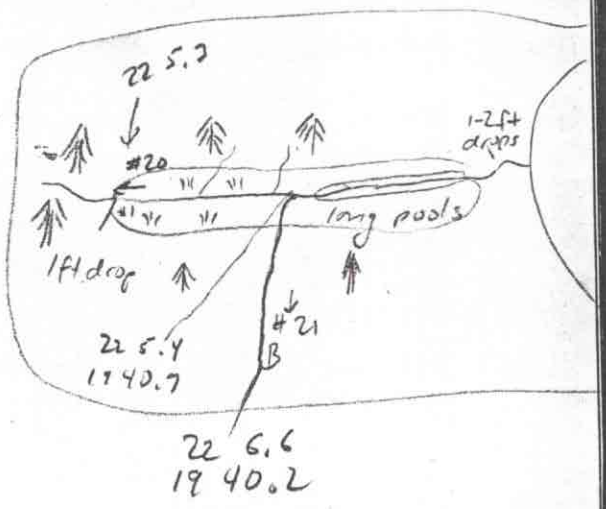
T[illegible]: 3F 5 W STAGE: H__ M ✓ L__

COMMENTS: GPS overflight in evening.

SKETCH: found only OV's above ~~4046~~




mouth: 22 3.7
19 36.5



FISH HABITAT ASSESSMENT 1992

FORM 2: SECTION

ver 062692.0

STREAM#: 251 82 10080 0020 x12 SECTION: A

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

START LAT: 58 22 3.7 START LON: 58 22 5.3

END LAT: 152 19 36.5 END LON: ___

LENGTH (m): 301 WIDTH (m): .5 GRADIENT (%): 3

BANK TYPE: VE STREAM DEBRIS: vegetation

BANK VEGETATION: GRASS, SPRUCE

STREAM SUBSTRATE: GR CO

BANK SUBSTRATE: VE

CHARACTER: deep, clear, cutting deeply thru meadows.

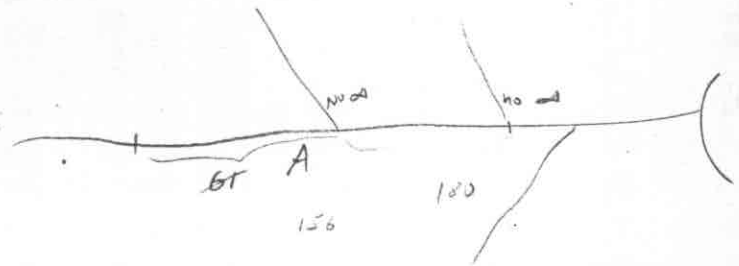
COMMENTS: Found only Dolly Varden above 1ft fall; sized upper extent longitude from GPS file.

GPS FILENAME: 7071404 G TOTAL BARRIER? Y ___ N ✓

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

490

SKETCH:




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 B2 10020 0020 X12 SECTION: A

STATION: 1 DATE: 7/13/92 GPS-ID: 70714046 FIX: 3D

STATION-LAT: 58 22 5.3 STATION-LON:

G[illegible]: ES TIME-INT: 5 TIME-UNIT: sec

CONDUCT: 16 AREA SHOCKED (sqm): 1

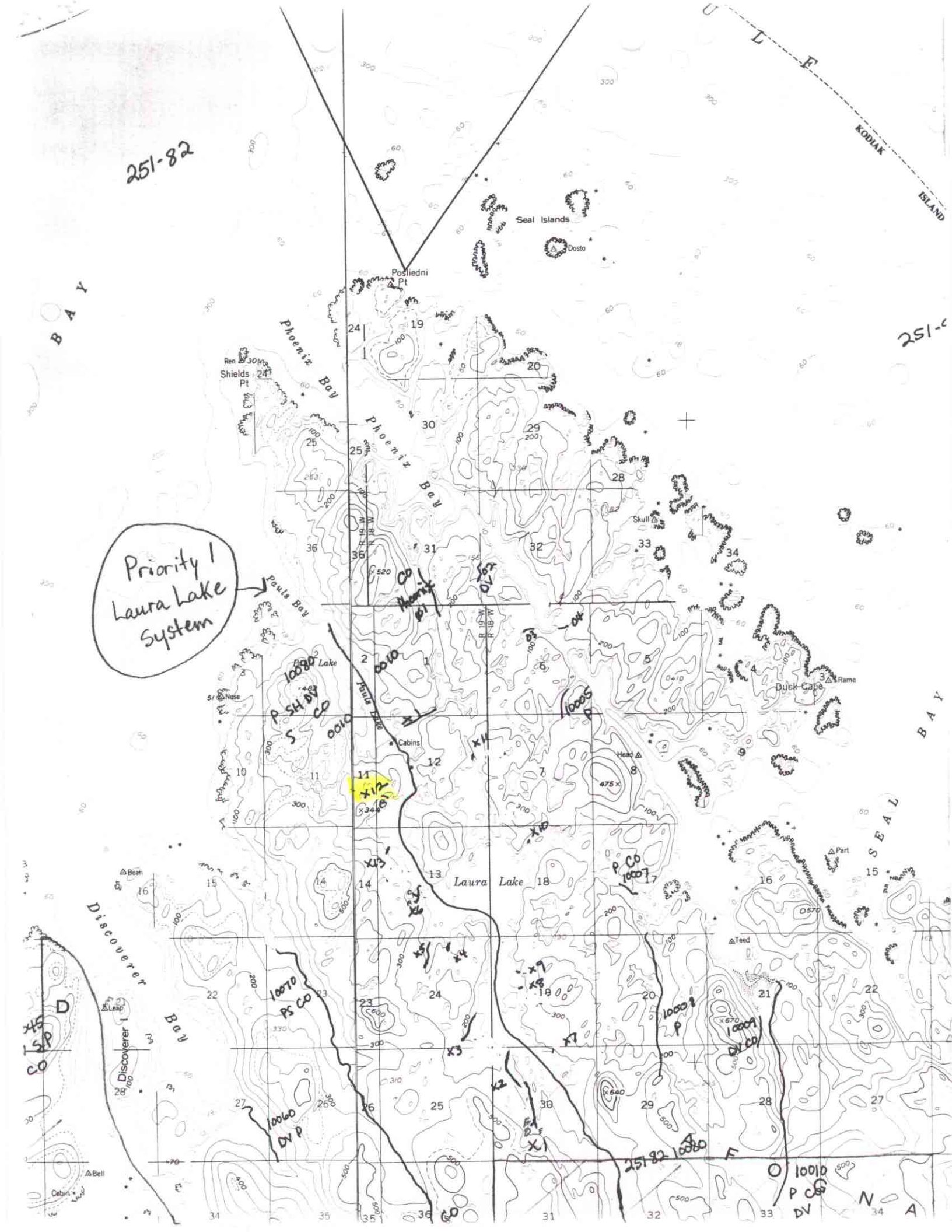
FISH

| SPECIES | LIFE STAGE | COUNT | LENGTH (mm) |
|---|---|---|---|
| Coho | Juv | 3 | |

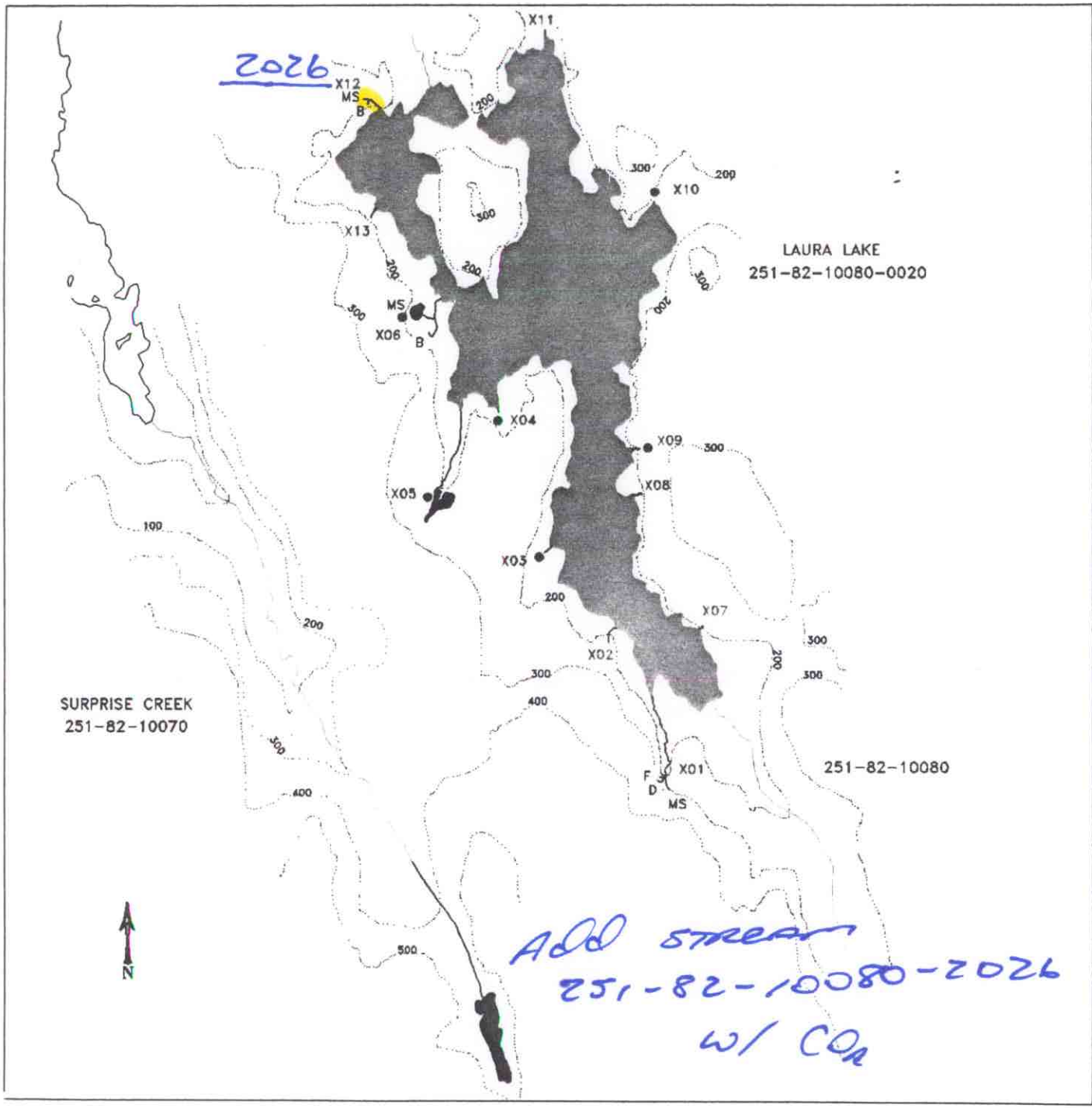
WILDLIFE

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

STATION COMMENTS:



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




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