

STATE OF ALASKA  
Department of Fish and Game  
NOMINATION FORM FOR WATERS IMPORTANT TO ANADROMOUS SPECIES

X Request to ADD the waterbody described below to the Catalog of Waters Important for Spawning and Migration of Anadromous Fishes

Request to DELETE the waterbody described below from the Catalog of Waters Important for Spawning and Migration of Anadromous Fishes

NAME (if any) OF WATERBODY SITUK RIVER TRIB 182-70-10400-2017-09

TYPE OF WATERBODY (circle one): lake creek river slough other \_\_\_\_\_

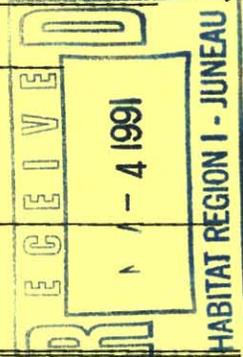
LOCATION (use mouth of stream or outlet of lake): SITUK T27S, R34E, SEC. 1

MERIDIAN CR TOWNSHIP 27S RANGE 34E/35E SECTION T27S, R35E, SEC 6, 7

USGS 1:63,360 QUADRANGLE MAP (e.g. Juneau D4) YAKUTAT G5

LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_

COMMERCIAL FISHERIES STATISTICAL DISTRICT AND SUBDISTRICT IN WHICH WATERBODY IS LOCATED: 182-70



LIST OF SPECIES OBSERVED (include any anadromous fish)

SPECIES	DATE(s) OBSERVED	APPROXIMATE NUMBERS	LIFE STAGE(s) (egg, fry, smolt, adult)
<u>COHO</u>	<u>7/1-3/91</u> <u>9/30-10/4/91</u>	<u>20+</u> <u>100+</u>	<u>Fry</u> <u>adult</u>

ALASKA DEPT. OF FISH & GAME  
NOV 07 1991  
REGION II  
HABITAT DIVISION

Comments/Diagrams (Please indicate where in the stream fish were observed, e.g., "10 miles above Delta Junction," "3 river miles south of confluence of Yukon and Porcupine Rivers," etc. Provide additional clarifying information such as "provides limited spawning area," "excellent rearing area," etc. Please use the back of this form if more space is required).

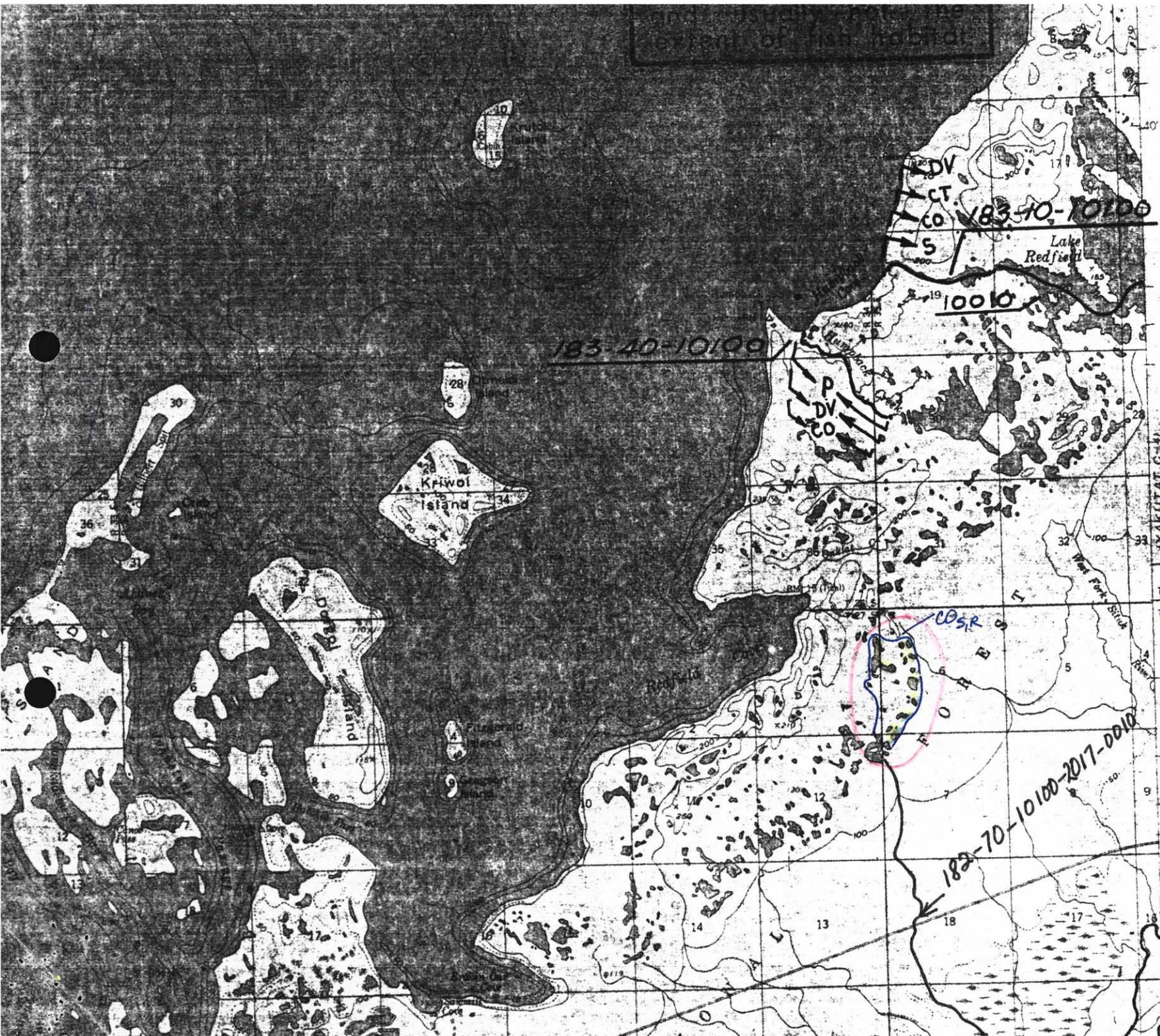
Lakes system is all interconnected. Intensive <sup>foot</sup> survey conducted due to logging unit planned in area. Excellent rearing habitat. Adults able to migrate through wet meadows and marshy areas to ponds. Land otters observed in upper lakes catching adult fish. Many adults were 8-10 lbs. in size. Photo documentation available.

NAME OF OBSERVER (print) PHIL MOONEY SIGNATURE Phil Mooney  
DUTY STATION HABITAT DIV. - SITKA Richard Reed Reg Sup 11/4/91

NOTE: Anyone submitting this form may be required to testify at a public hearing at a future date regarding these observations.

SEND ORIGINAL TO: Chief, Habitat Protection Section, Support Building, Juneau. Also, send one copy to the local Regional Habitat Protection Supervisor.

Drifted F1 3/1/92





# MEMORANDUM

# STATE OF ALASKA DEPARTMENT OF FISH AND GAME HABITAT DIVISION

TO: Chris Kent  
DEC-Juneau

DATE: October 8, 1991

Brian FitzSimons  
DNR-DOF

FILE NO:

TELEPHONE NO: 747-5828

SUBJECT: Yakutat 701 Lakes  
unit

FROM: Phil Mooney   
Habitat Biologist  
Sitka

I am FAXing you a copy of the map I worked on in the field last week. I wanted to further determine the drainage patterns from the series of lakes in the 701 Lakes unit we looked at last week. I was able to find adult coho or coho fry in all lakes except for the one small "kettle" lake situated on the far eastern boundary. This particular lake drains directly east through the moraine and into Unit 701 N. It was the only lake that does not, in one way or another, appear to drain into the largest lake complex forming the southernmost portion of the unit. As we speculated during the FPI the east and west series of lakes do eventually drain into the southernmost lake.

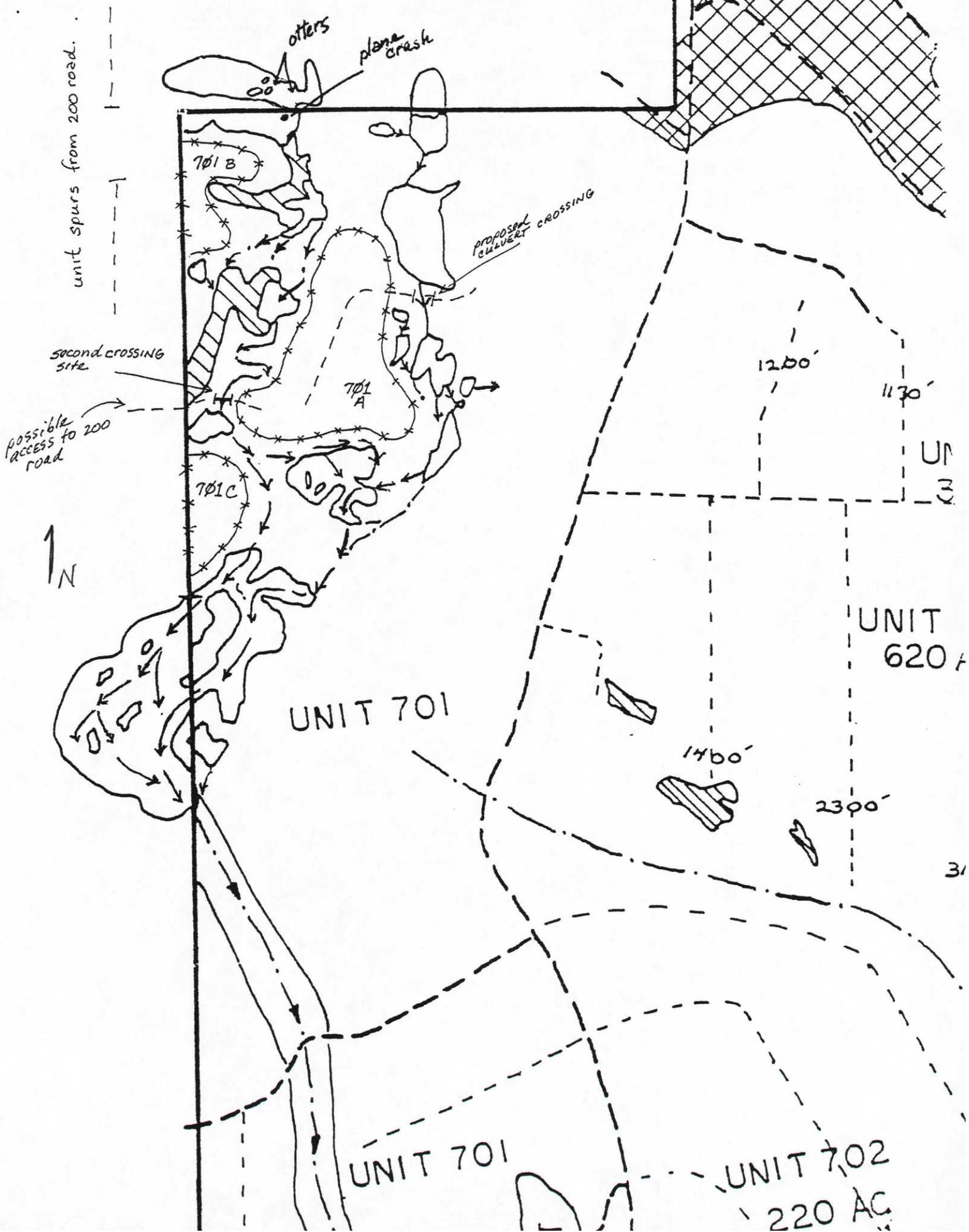
I did find some areas where a lake has a number of outlets and part of the flow remains visible and other flows drop into the ground and disappear into boulder rubble from the moraine. This is one of the reasons that some of the small overland flows coming from some of the lakes appeared to be too small in volume to account for the drainage.

Two land otters were observed catching adult coho in the northwestern lake at Koncor's boundary. Adult coho were also observed (and photographed) traveling through grassy areas between the lakes and streams where the water depth was less than three inches deep. These fish would basically lay over on their sides and push through until they reached enough water deep enough to swim in. Evidence of eagle predation occurring to fish in these grassy areas was also noticed.

I also spent some time looking at the potential access in from the 200 road. West of the creek crossing there are a number of "kettle" lakes which have filled in over time. Road fill being placed across these would likely settle down through the vegetation and water until it reached solid material. The amount of fill required to do this is unknown. I will expand on my observations and recommendations in my report to DNR.

cc: B.Mehl, Koncor  
K.Weiland, CommFish

10/3/91 REVIEW OF 701 LAKES UNIT DRAINAGE



DEC 17 1991

MEMORANDUM

STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME  
HABITAT DIVISION

TO: Ed Weiss  
Habitat Division  
Anchorage

DATE: December 10, 1991

FILE NO:

TELEPHONE NO: 747-5828

SUBJECT: Anadromous  
Waters; Nominations

FROM: Phil Mooney *PM*  
Habitat Division  
Sitka

As per our phone call last week, I have enclosed some additional information pertaining to the nomination of an interconnected lakes system in Yakutat (Situk River tributary; T27S, R34E, Section 1 and T27S, R35E, Sections 6 & 7; Quad map Yakutat C-5). In an effort to get this to you as quickly as possible, I'll send it on to you with a copy to Rick Reed.

I am pulling together the same type of information for the proposed polygon at the Icy Bay sortyard, as we discussed. If you have any questions, please give me a call.

enclosures

cc: Rick Reed  
Dave Hardy



Ed -

*I concur with polygon to designate this interconnected lake system - I believe this documentation is acceptable -*

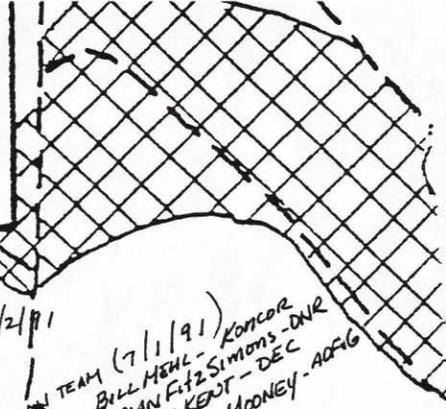
*Richard D. Reed  
Regional Supervisor  
12/16/91*

DRAINAGE FISH TRAPPING AND VISUAL DOCUMENTATION

7/1-2/91 + 9/30/91

unit spurs from 200 road.

otters  
plane crash



INSPECTION TEAM (7/1/91)  
BILL MEHL - KONCOR  
BRIAN FITZSIMONS - DNR  
CHRIS KENT - DEC  
PHIL MOONEY - ADF&G

701 B

coho fry trapped 7/2/91

proposed culvert crossing

denotes muskeg

second crossing site

coho fry visually observed by Forest Practices Inspection Team  
Small "kettle" lake - only one that drains east through moraine.  
NO FISH.

coho fry trapped 7/2/91

possible access to 200 road

Adult coho swim past Forest Practices Inspection Team 9/30/91

MEHL - KONCOR  
FITZSIMONS - DNR  
KENT - DEC  
MOONEY - ADF&G

701 C

701 A

1200'

1130'

UNIT 620

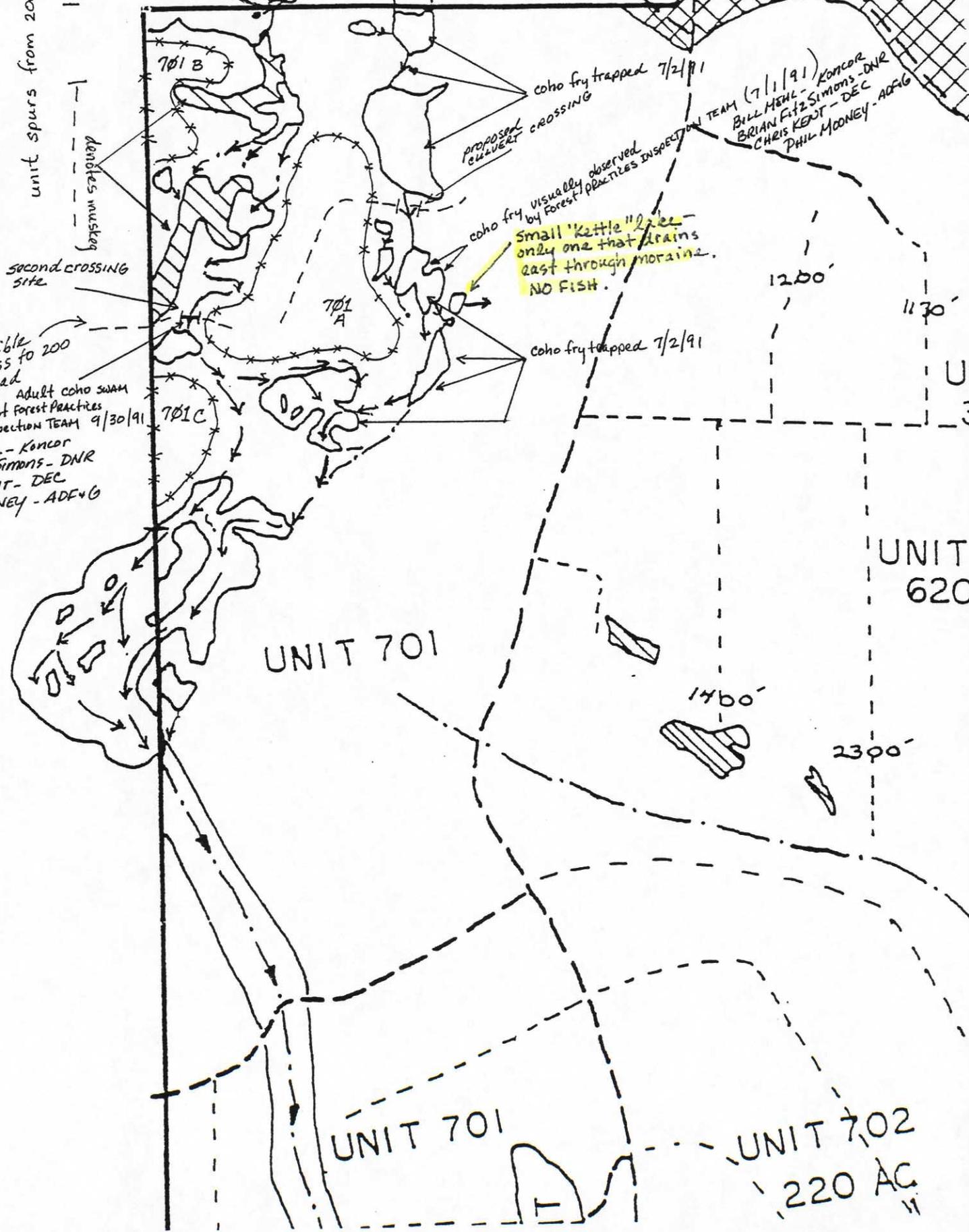
UNIT 701

1400'

2300'

UNIT 701

UNIT 702  
220 AC



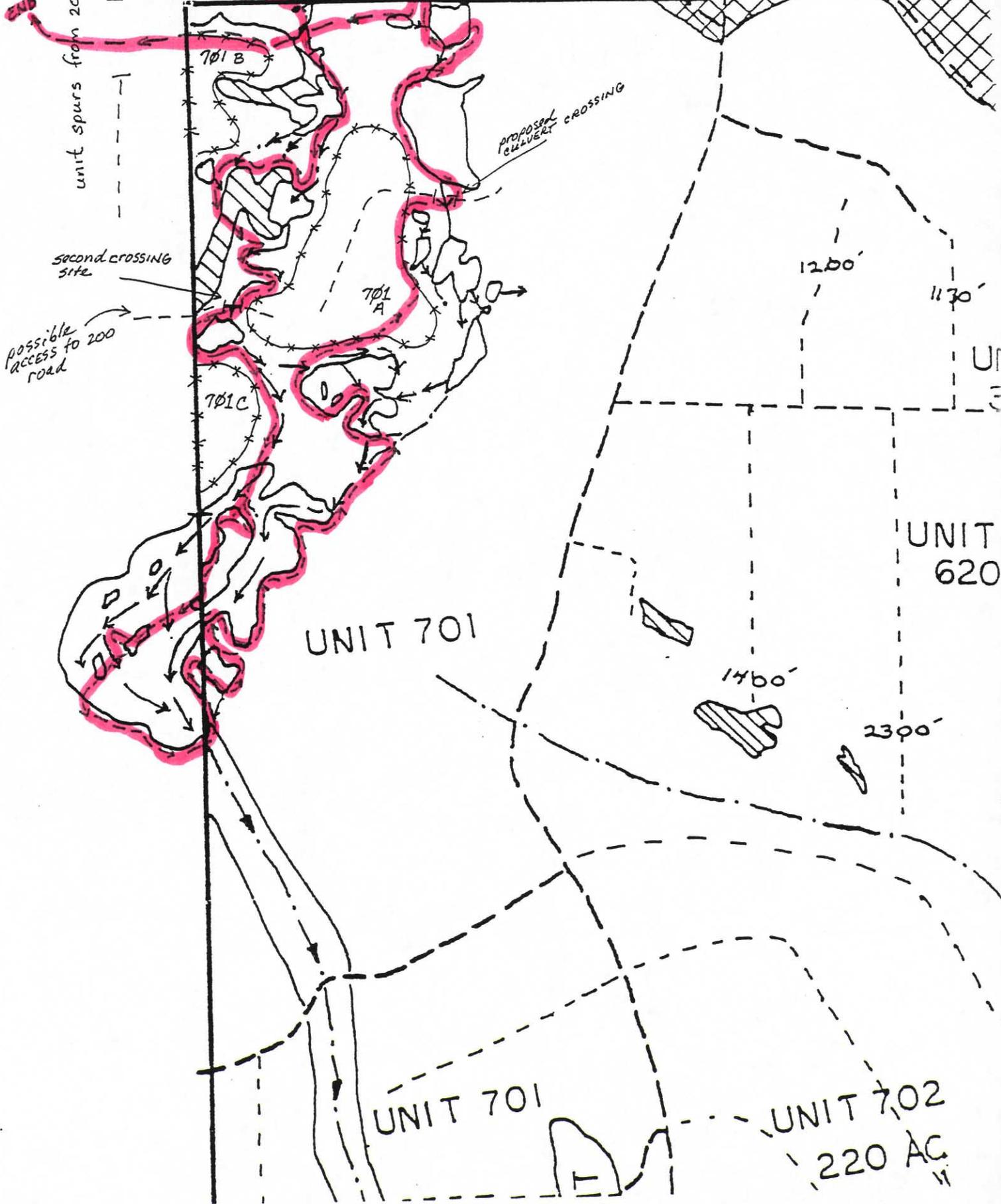
DRAINAGE

SURVEY ROUTE  
10/3/91

START  
END

unit spurs from 200 road.

otters  
plane crash



second crossing site

possible access to 200 road

proposed CULVERT CROSSING

UNIT 701

UNIT 620

UNIT 701

UNIT 702  
220 AC

1200'

1130'

1400'

2300'

\* Coho Adults & Fry seen during survey

10/3/91

# REVIEW OF 101 LAKES UNIT DRAINAGE

otters (2 land otters catching & eating adult coho 10/3/91)  
plane crash  
coho fry

unit spurs from 200 road.  
5 adult coho in stream between lakes.

second crossing site

possible access to 200 road

proposed culvert crossing

1 adult coho

1 adult coho - pictures taken of adult fish crossing wetland area to pond.

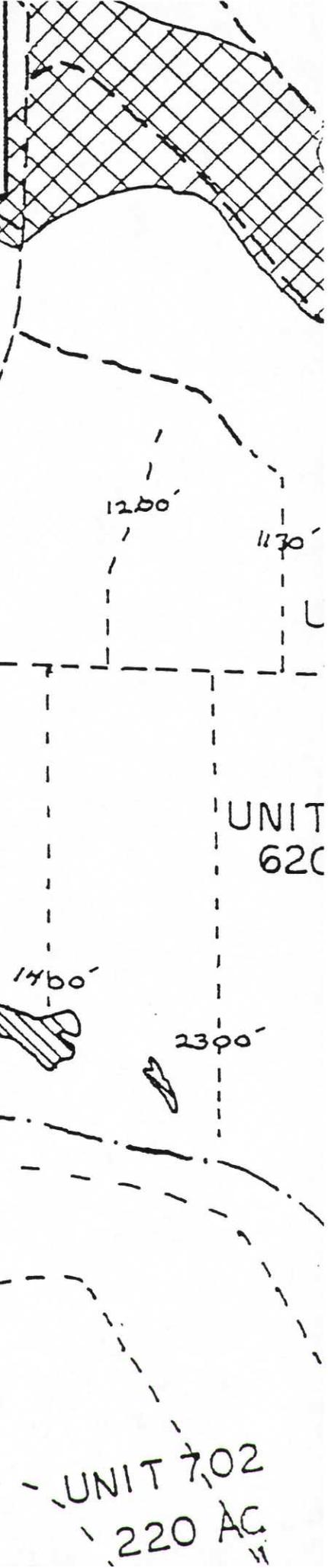
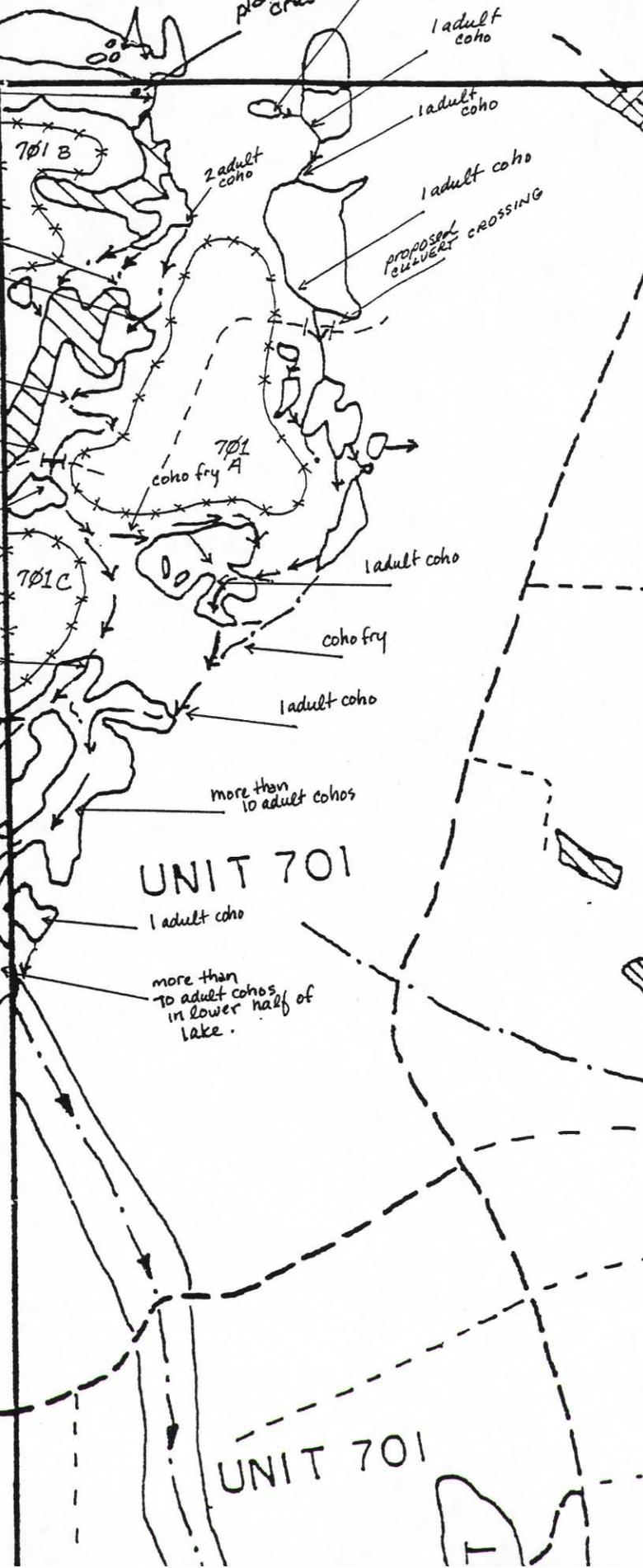
## UNIT 701

more than 70 adult cohos in lower half of lake.

## UNIT 620

## UNIT 701

## UNIT 702 220 AC



DRAINAGE

Photo guide

unit spurs from 200 road.

otter  
plane crash

PROPOSED  
CULVERT CROSSING

second crossing site

possible access to 200 road

1200'

1170'

UNIT 620

UNIT 701

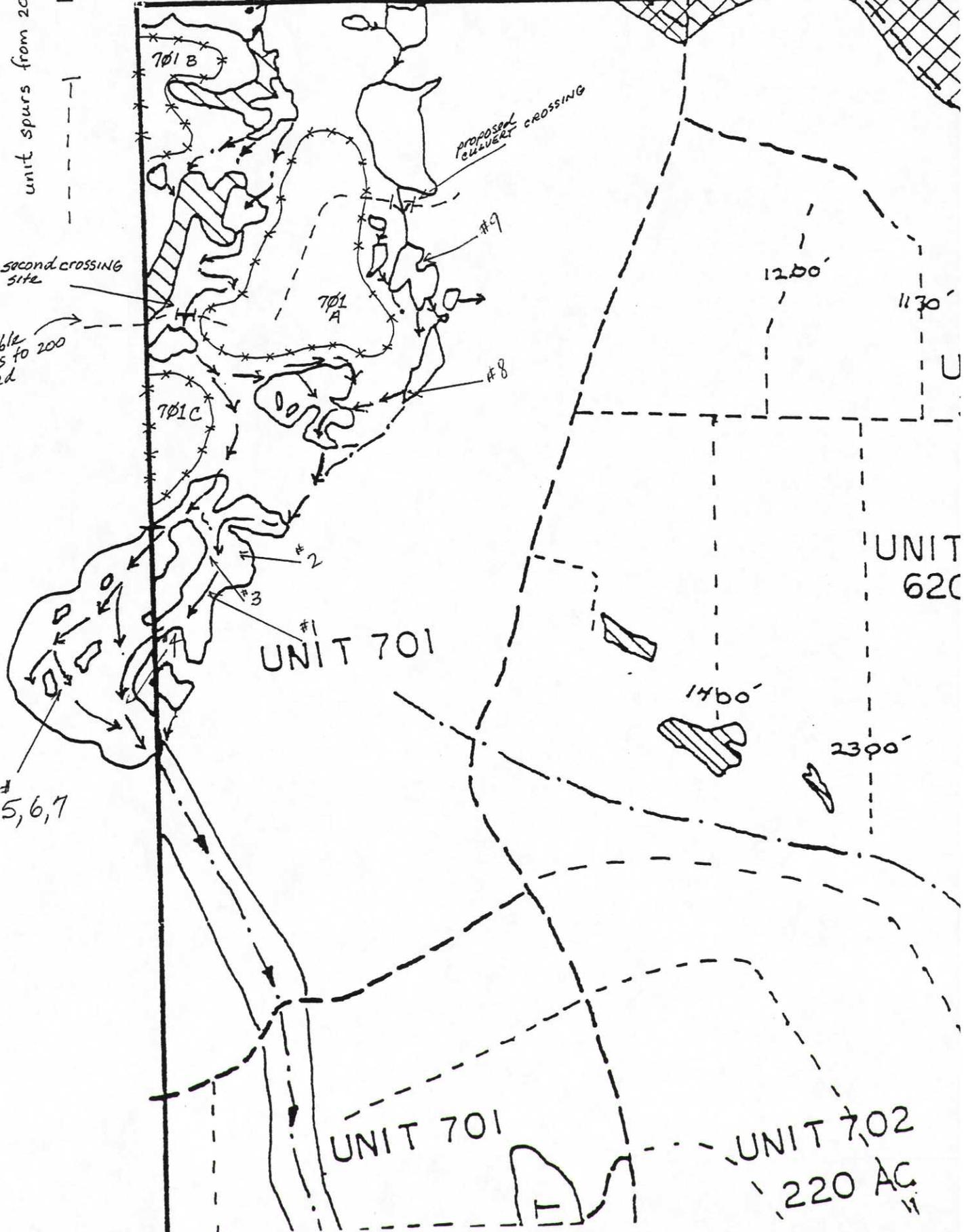
1400'

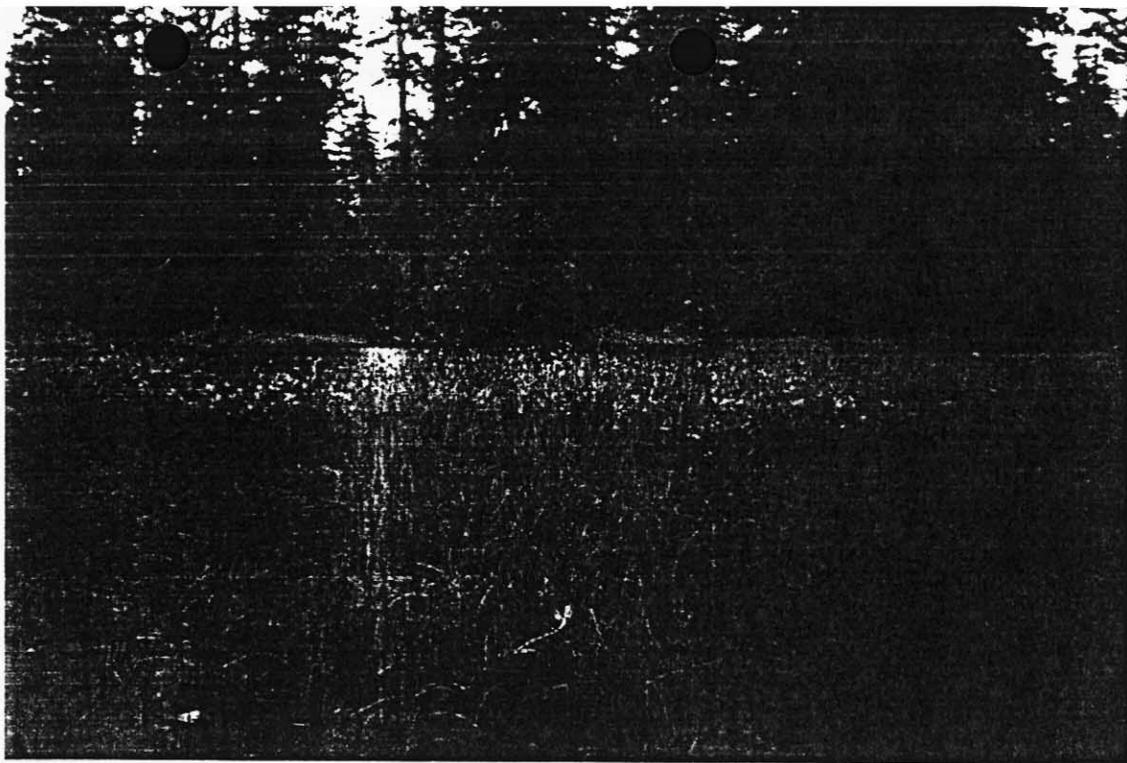
2300'

#5,6,7

UNIT 701

UNIT 702  
220 AC





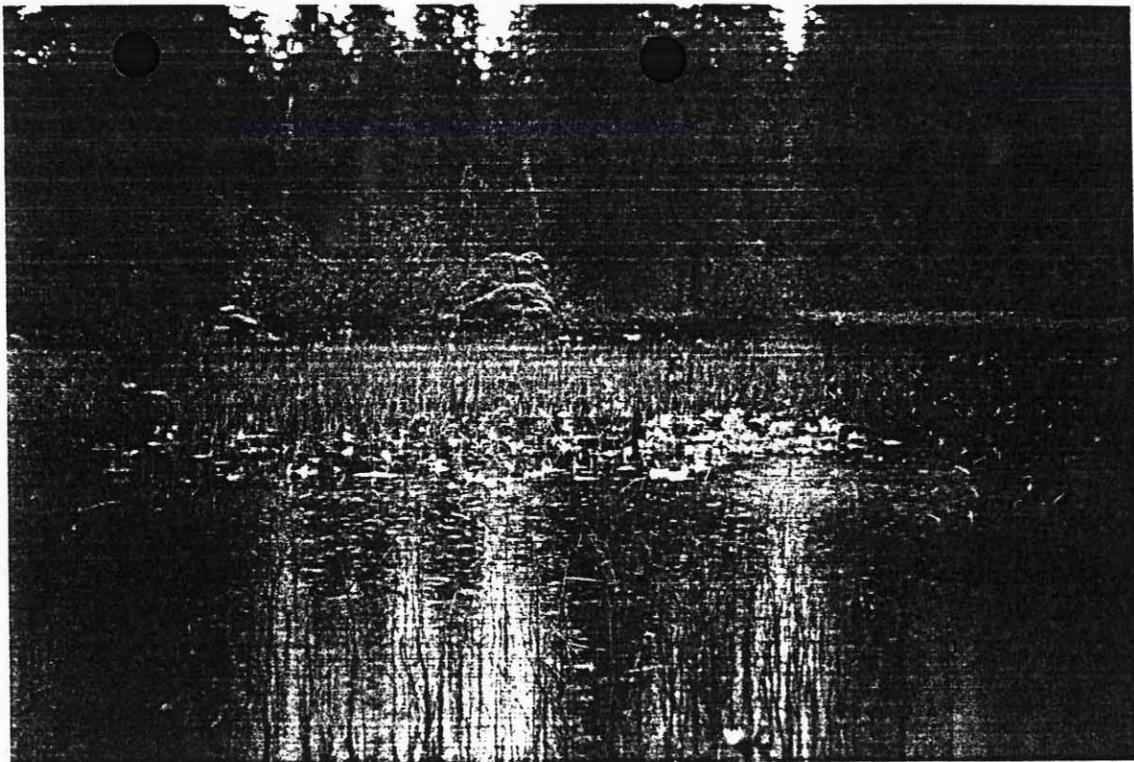
①

*Unit 701 - lower large lake*



②

*Unit 701 - lower large lake*



③

Unit 701 - lower large lake



④

Unit 701 - lower large lake - looking south



#3

Unit 701 - lower large lake



#5

Unit 701 - adult coho trying to get up  
small passage to lake. Blocked by limbs  
& roots.



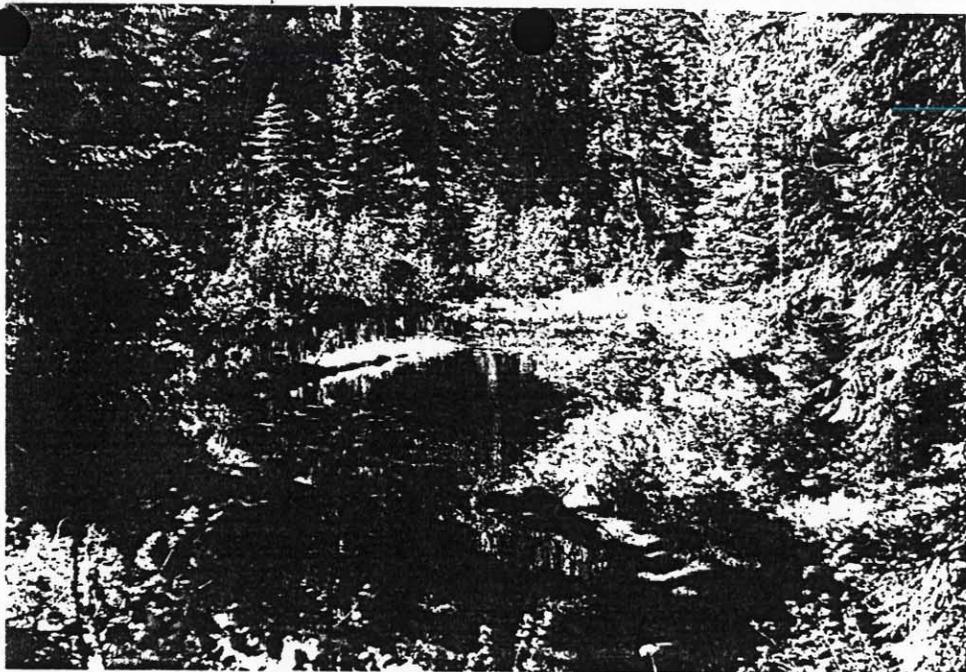
#6

Unit 701 - Adult coho - flopping out of water across wet area towards lake.



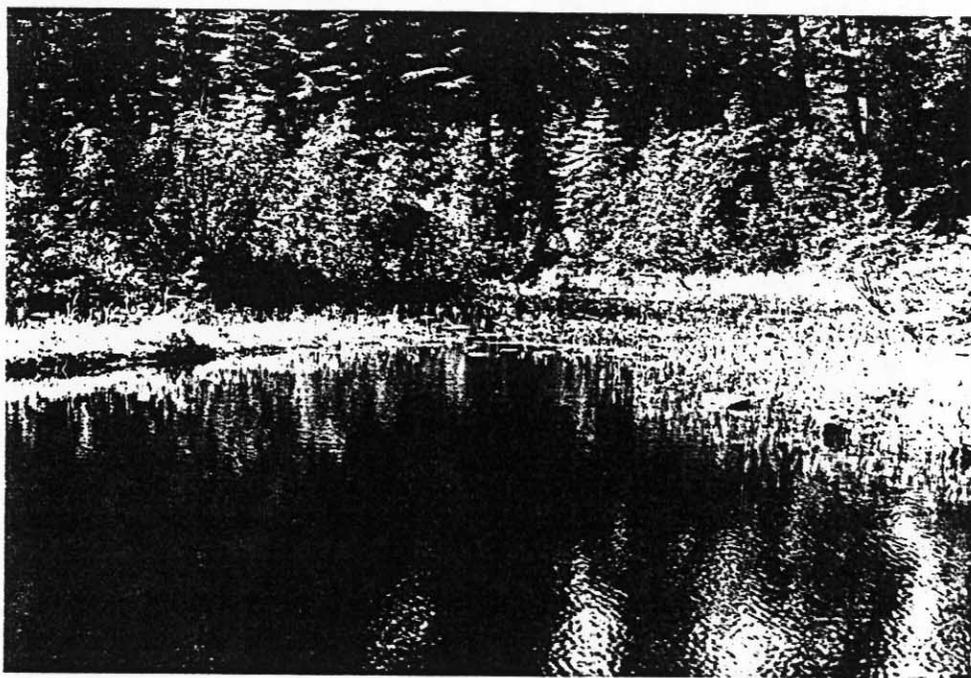
#7

Unit 701 - Adult coho - 8-10lbs - flopping out of water across a wet area towards lake.



#8

Unit 701 - Coho fry trapped here.



#9

Unit 701 - coho fry observed here during  
Forest Practices inspection.

**MEMORANDUM**

**STATE OF ALASKA**  
**DEPARTMENT OF FISH AND GAME**  
**HABITAT DIVISION**

**TO:** Ed Weiss  
Habitat Division  
Anchorage

**DATE:** December 10, 1991

**FILE NO:**

**TELEPHONE NO:** 747-5828

**SUBJECT:** Anadromous  
Waters; Nominations

**FROM:** Phil Mooney   
Habitat Division  
Sitka

As per our phone call last week, I have enclosed some additional information pertaining to the nomination of an interconnected lakes system in Yakutat (Situk River tributary; T27S, R34E, Section 1 and T27S, R35E, Sections 6 & 7; Quad map Yakutat C-5). In an effort to get this to you as quickly as possible, I'll send it on to you with a copy to Rick Reed.

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enclosures

cc: Rick Reed  
Dave Hardy

ALASKA DEPT. OF  
FISH & GAME

DEC 17 1991

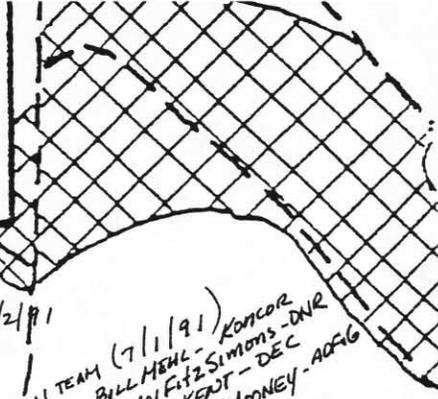
REGION II  
HABITAT DIVISION

DRAINAGE FISH TRAPPING AND VISUAL DOCUMENTATION

7/1-2/91 & 9/30/91

unit spurs from 200 road.

others plane crash



701 B

coho fry trapped 7/2/91

INSPECTION TEAM (7/1/91) KANCOZ  
BILL MEHL - DNR  
BRIAN FITZSIMONS - DNR  
CHRIS KENT - DEC  
PHIL MOONEY - ADF&G

proposed  
culvert crossing

donkeys muskeg

second crossing site

coho fry visually observed  
by Forest Practices Inspection Team  
Small "Kettle" 2/22 -  
only one that drains  
east through moraine.  
NO FISH.

possible  
access to 200  
road

Adult coho swim  
past Forest Practices  
Inspection Team 9/30/91

MEHL - KANCOZ  
FITZSIMONS - DNR  
KENT - DEC  
MOONEY - ADF&G

701 A

coho fry trapped 7/2/91

701 C

1200'

1170'

UNIT 701

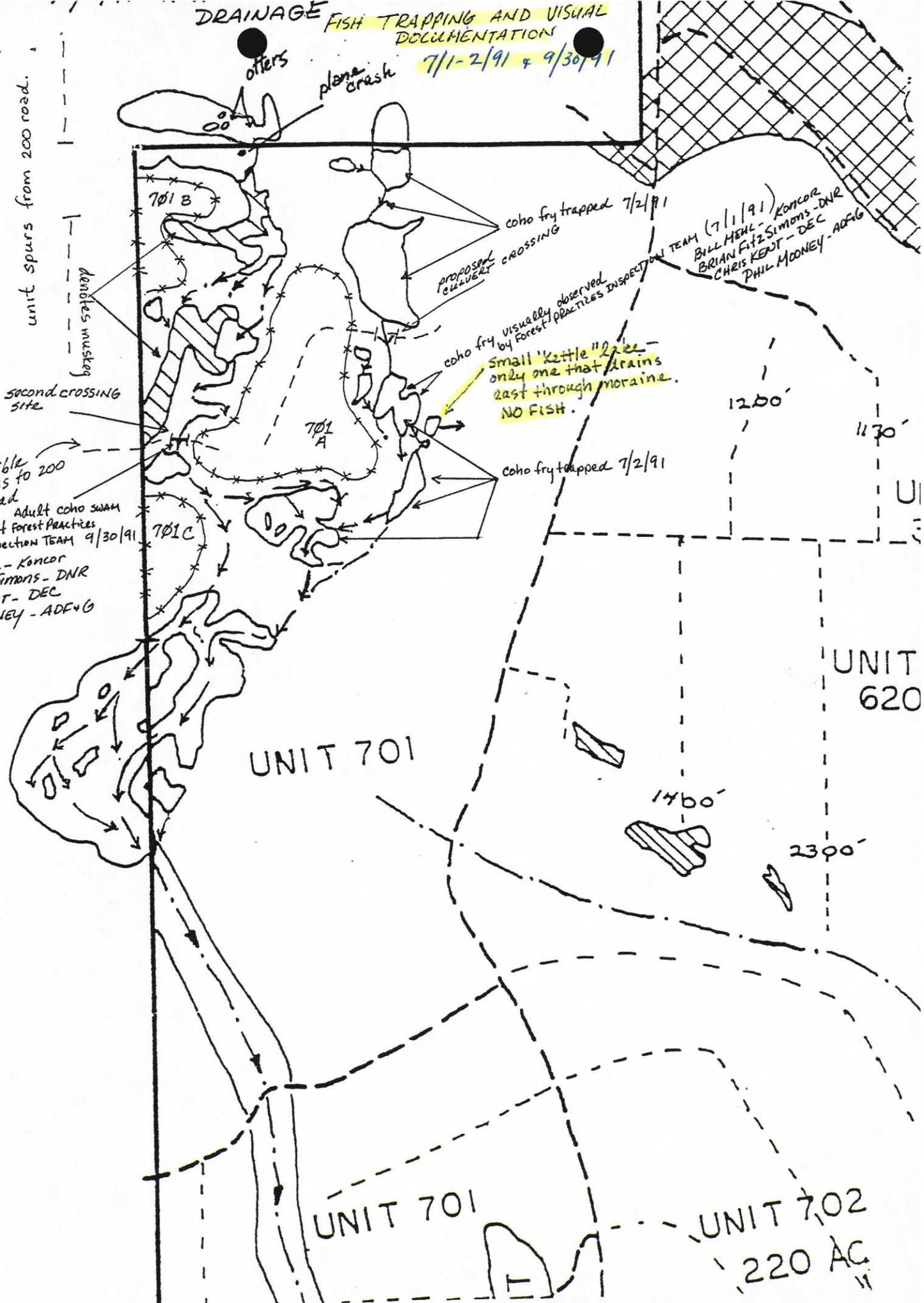
UNIT 620

1400'

2300'

UNIT 701

UNIT 702  
220 AC



DRAINAGE

SURVEY ROUTE

10/3/91

otters

plane crash

START

END

unit spurs from 200 road.

701 B

PROPOSED  
CULVERT CROSSING

second crossing  
site

possible  
access to 200  
road

701 A

701 C

1200'

1130'

UNIT  
620

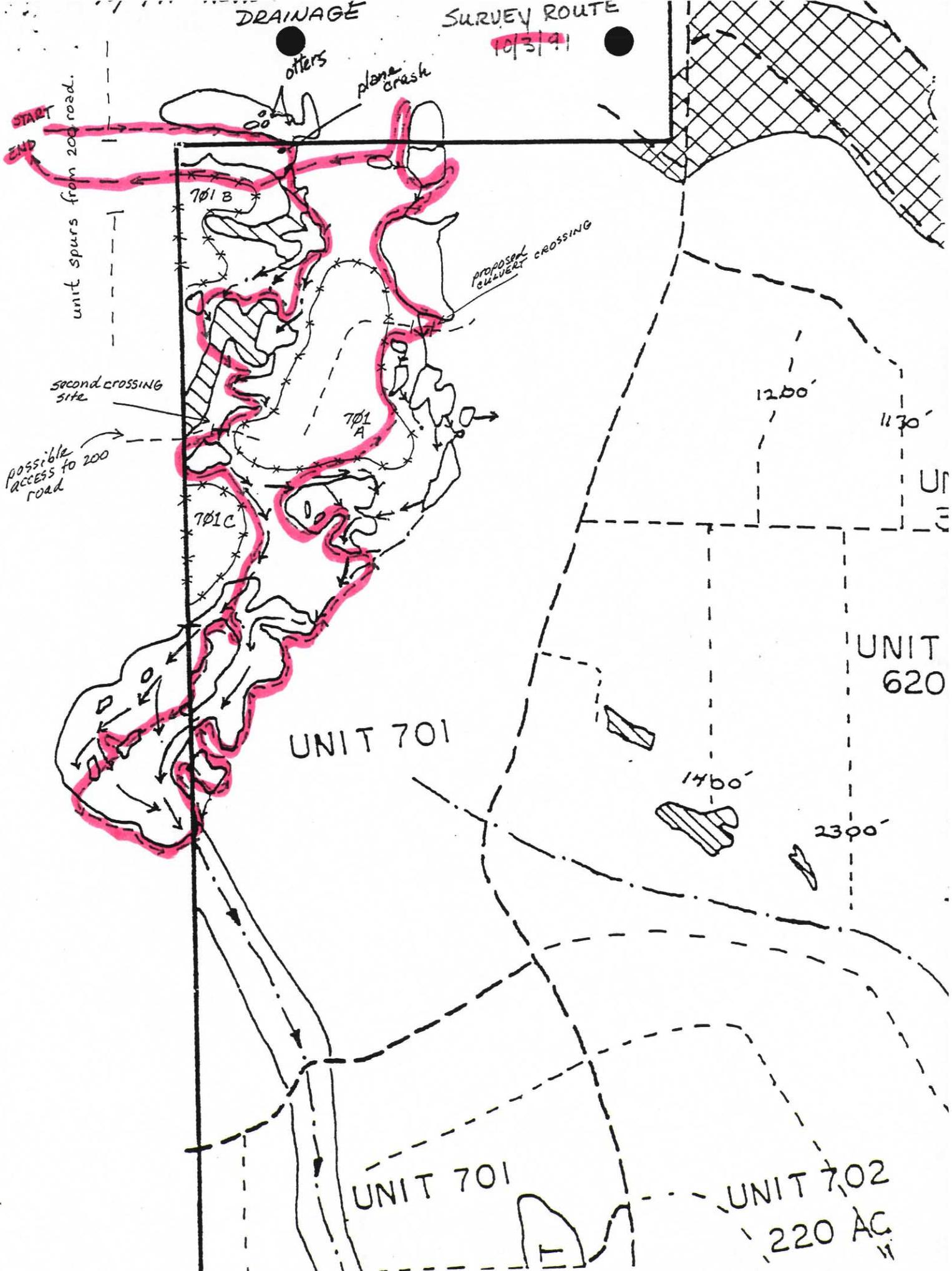
UNIT 701

1400'

2300'

UNIT 701

UNIT 702  
220 AC

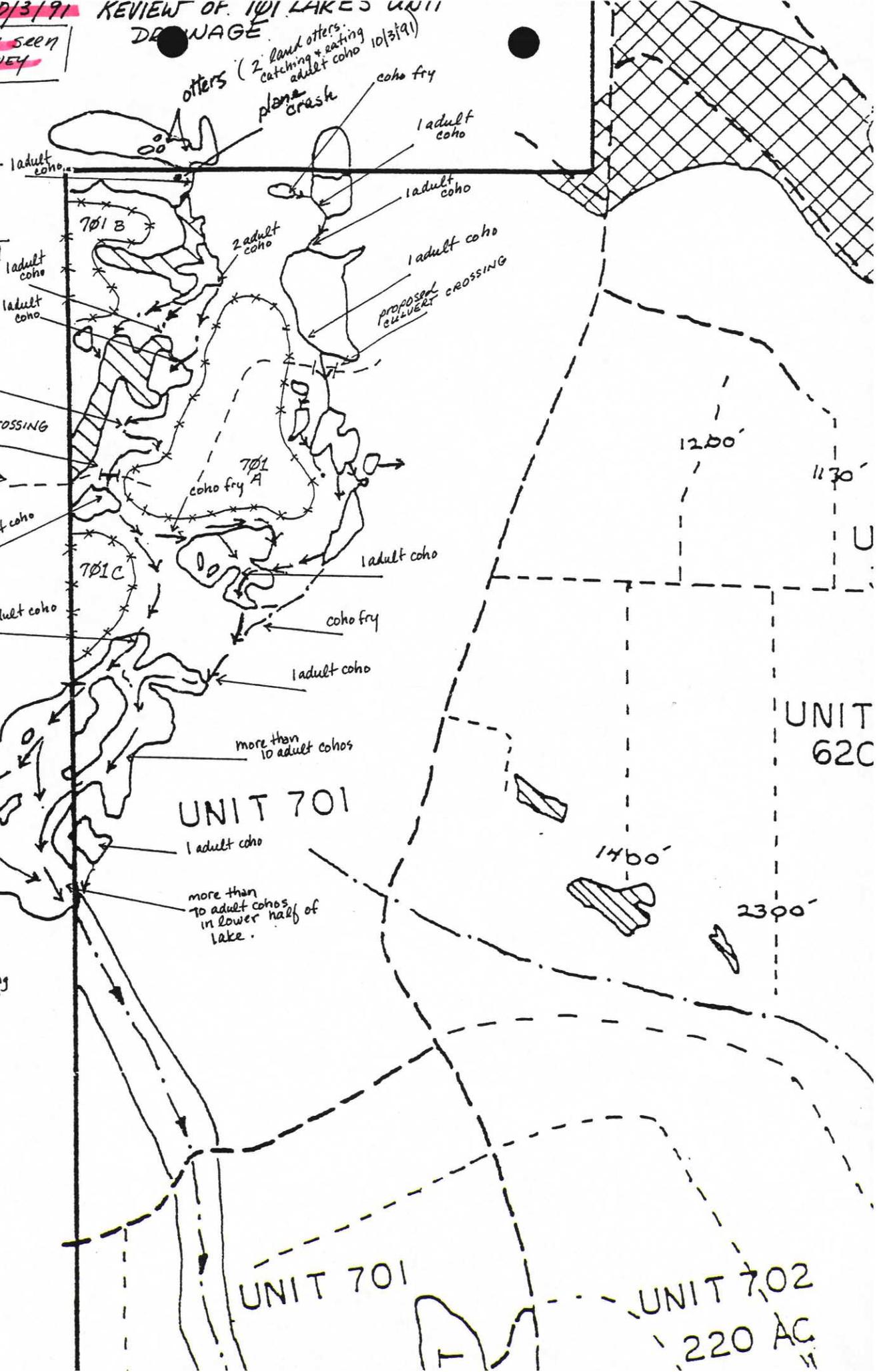


\*Coho Adults & Fry seen during survey

# 10/3/91 REVIEW OF 101 LAKES UNIT DRAINAGE

otters (2) land otters catching & eating adult coho 10/3/91  
plane crash  
coho fry

unit spurs from 200 road  
5 adult coho in stream between lakes.



1 adult coho

1 adult coho

1 adult coho

2 adult coho

1 adult coho

1 adult coho

1 adult coho

proposed culvert crossing

second crossing site

possible access to 200 road

1 adult coho

coho fry A

1 adult coho

1 adult coho

coho fry

1 adult coho

more than 10 adult cohos

## UNIT 701

1 adult coho

more than 70 adult cohos in lower half of lake.

7 adult coho

1 adult coho - pictures taken of adult fish crossing wetland area to pond.

1200'

1170'

## UNIT 62C

1400'

2300'

## UNIT 701

## UNIT 702

220 AC

DRAINAGE

Photo guide

unit spurs from 200 road.

otters  
plane crash

PROPOSED  
CULVERT CROSSING

second crossing site

possible access to 200 road

1200'

1170'

UNIT 620

UNIT 701

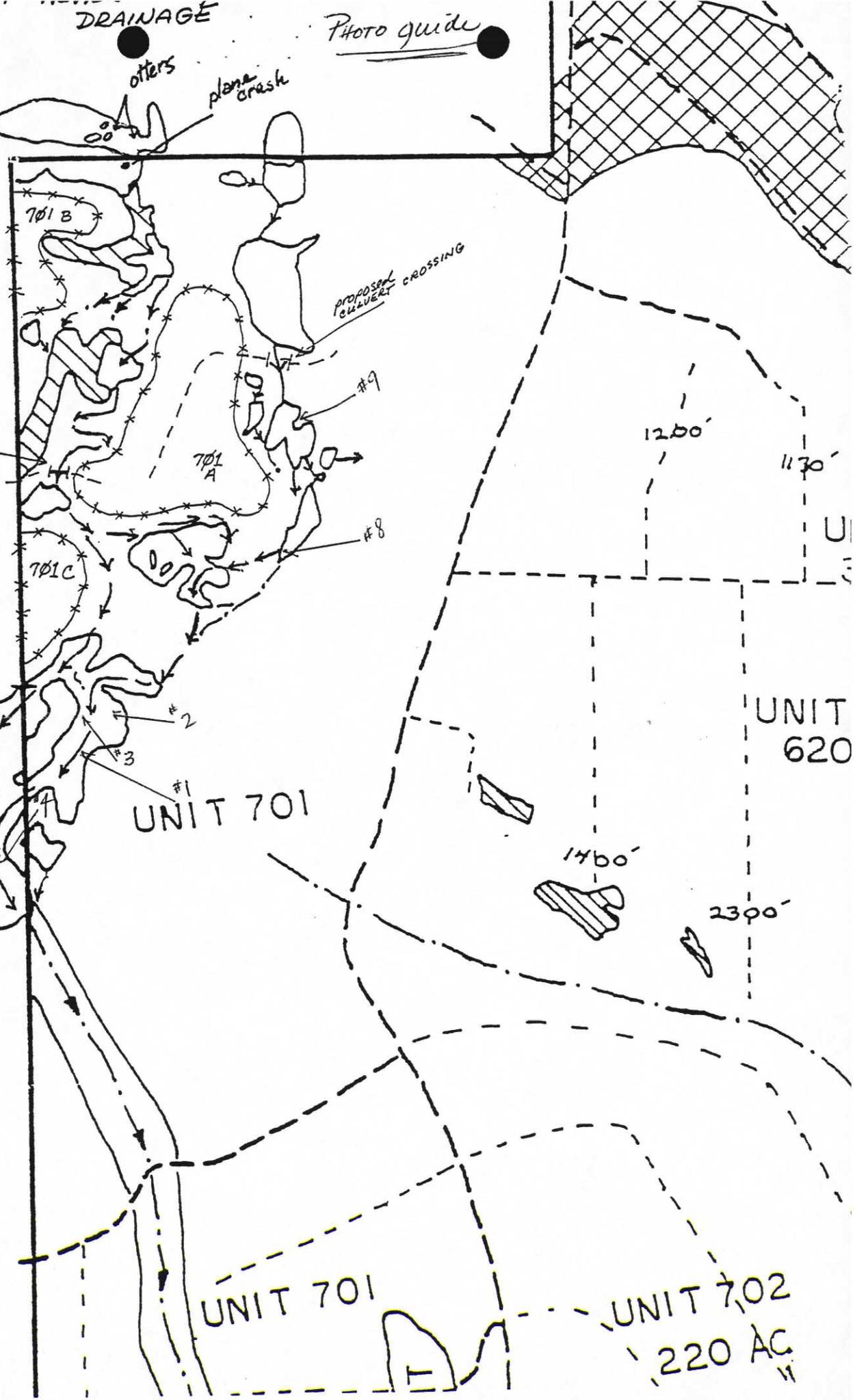
1400'

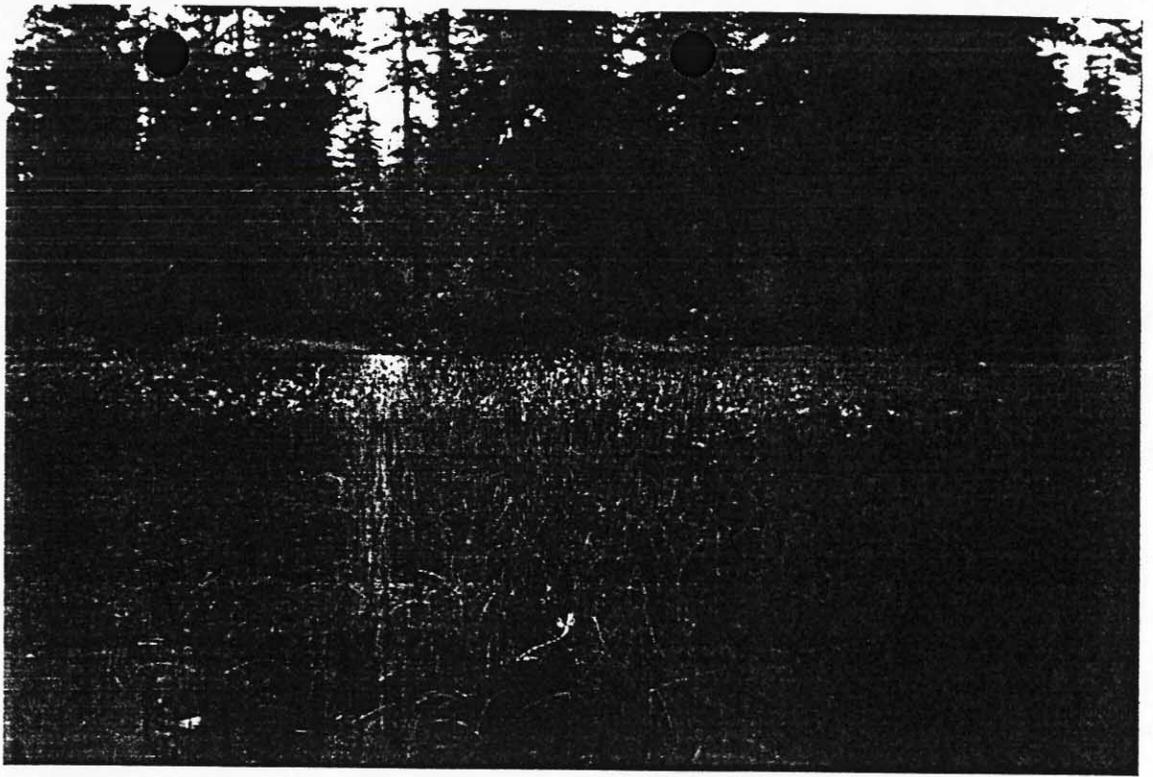
2300'

#5,6,7

UNIT 701

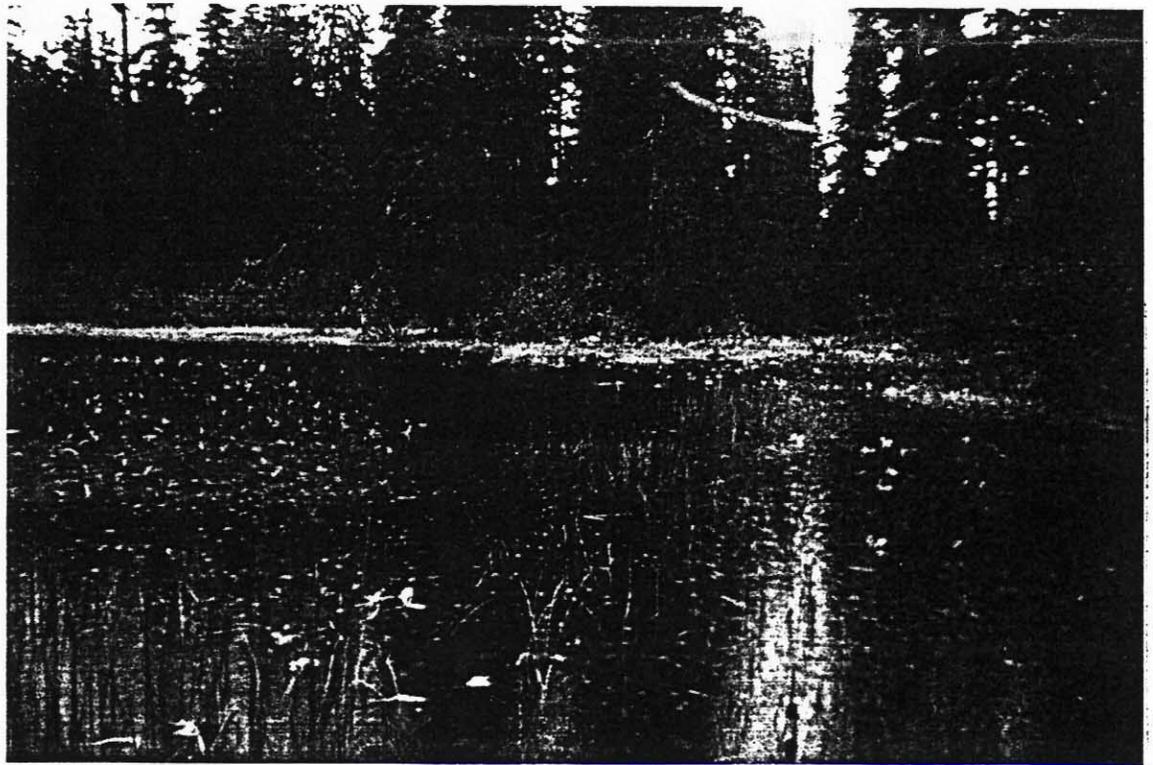
UNIT 702  
220 AC





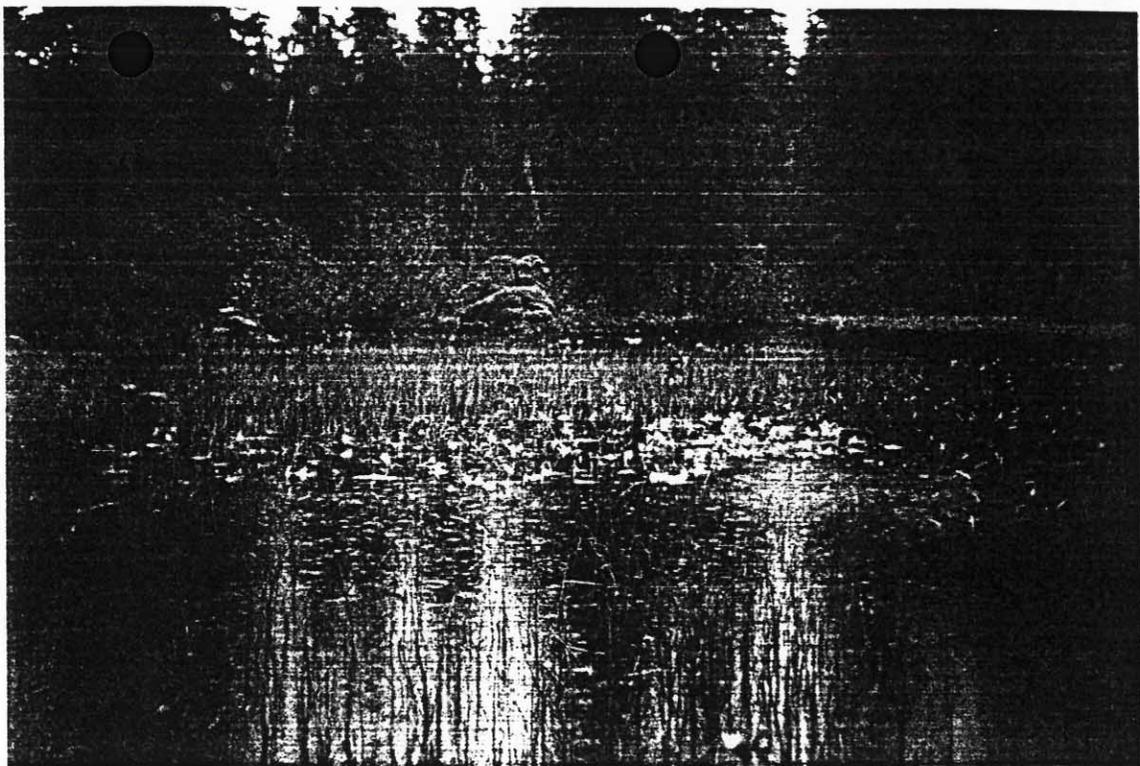
①

*Unit 701 - lower large lake*



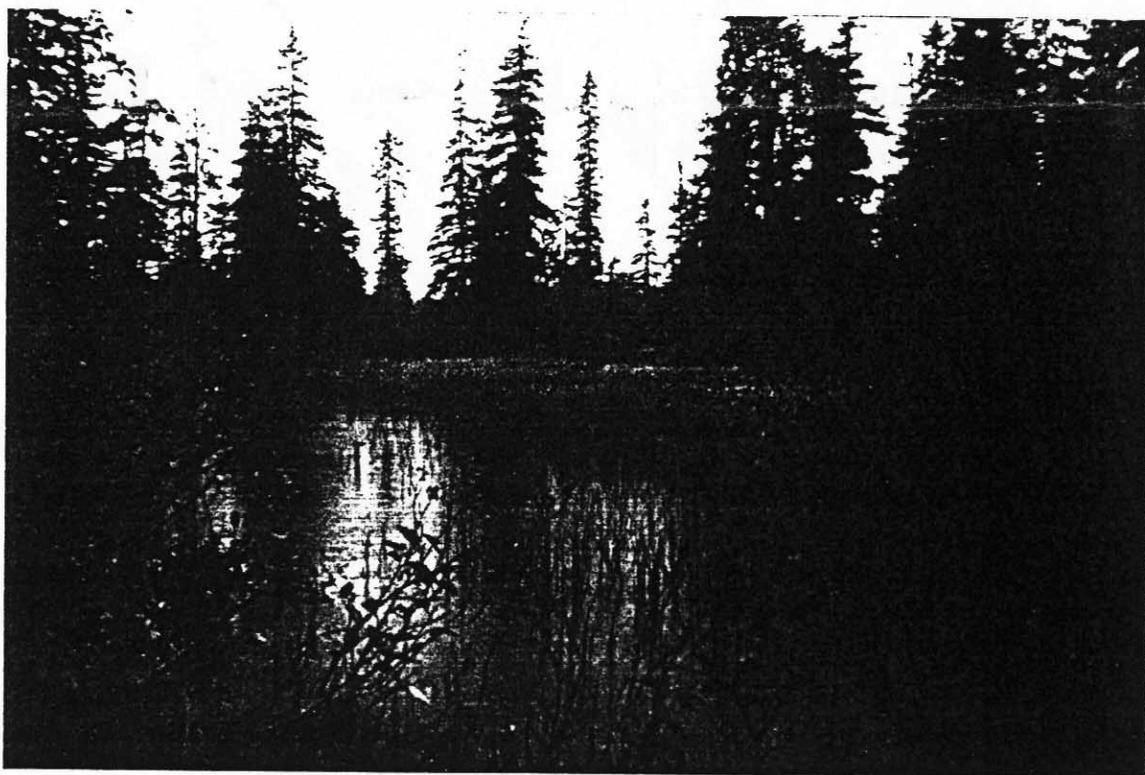
②

*Unit 701 - lower large lake*



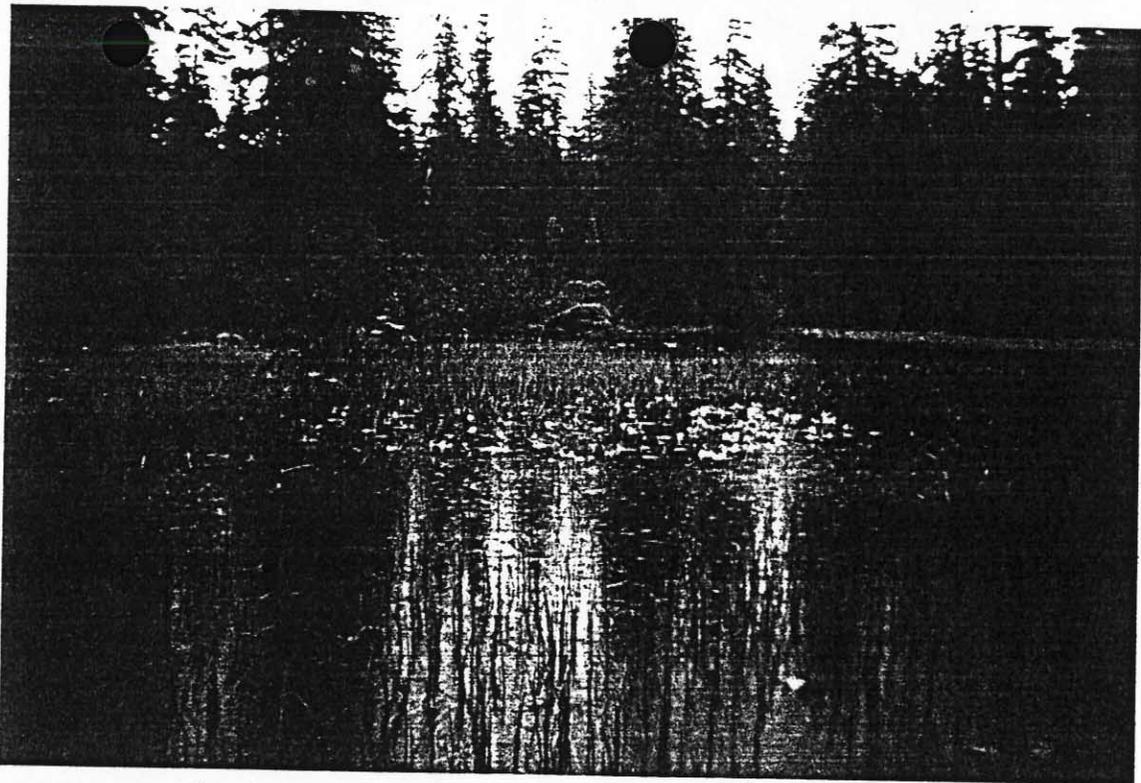
③

*Unit 701 - lower large lake*



④

*Unit 701 - lower large lake - looking south*



#3

Unit 701 - lower large lake



#5

Unit 701 - adult coho trying to get up  
small passage to lake. Blocked by limbs  
& roots.



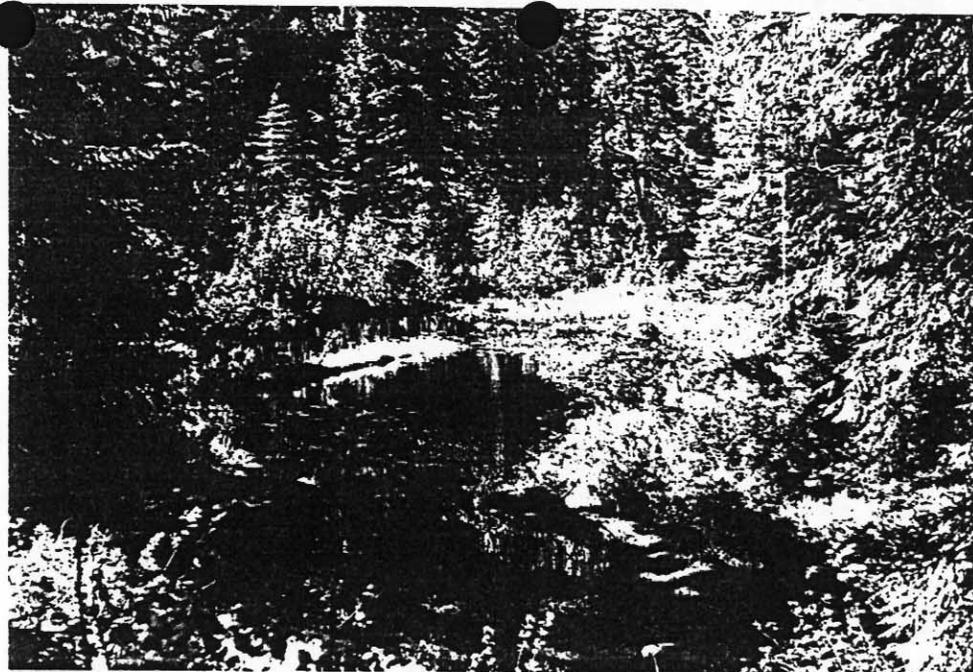
#6

Unit 701 - Adult coho - flopping out of water across wet area towards lake.



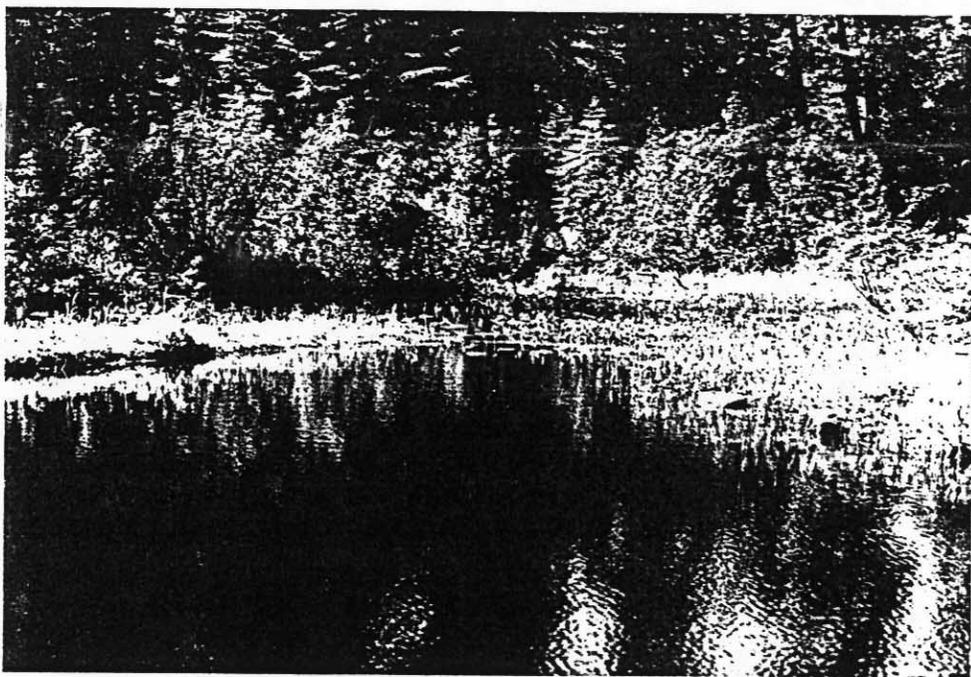
#7

Unit 701 - Adult coho - 8-10lbs - flopping out of water across a wet area towards lake.



#8

Unit 701 - coho fry trapped here.



#9

Unit 701 - coho fry observed here during Forest Practices inspection.

# MEMORANDUM

# State of Alaska

DEPARTMENT OF FISH & GAME

**TO:** Frank Rue  
Director  
Habitat Division

**DATE:** December 20, 1991

**FILE NO.:**

**TELEPHONE NO.:** 267-2342

**SUBJECT:** Waterbody  
Nominations

**FROM:** Lance L. Trasky  
Regional Supervisor  
Region II  
Habitat Division  
Department of Fish and Game

ALASKA DEPT.  
FISH & GAME  
DEC 30 1991  
REGION II  
HABITAT DIVISIO

Attached are four nominations for waterbody areas which we believe need to be specified as polygons in the Catalog and Atlas of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes. As you know, policy requires polygon additions to be approved by Habitat Division Headquarters.

Please review the attached nominations and return them with your decision as soon as possible. We would like to include these in the 1992 revision of the catalog and atlas.

Attachments

*12/26/91*

*FRANK -*

*I RECOMMEND APPROVAL AND PLEASE THAT A SCALE BE INDICATED ON EACH MAP THAT DOESN'T SHOW GEO SECTION LINES & THAT A NORTH ARROW BE PLACED ON EACH MAP THAT ISN'T A COPY OF A USGS QUAD. IT WOULD ALSO HELP IF ALL ELIPSES WERE HIGHLIGHTED.*  
*Bruce*

RECEIVED  
DEC 24 1991  
HABITAT

*Lance*

*I agree with the proposed nominations*

*Frank Rue*

*12.27.91*

*See Bruce's comments on scale & North.*

To:	HABITAT	INITIALS	DATE
2	DIRECTOR	<i>MC</i>	
1	DEPUTY DIR		
	HAB. BIOL.		
	Admin. Assl.		
	Secretary		
	REG. SUP. 1		
3	REG. SUP. 2		
	REG. SUP. 3		
	FILE		