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

CAT # 10010 Tr. 5 to 221-10-10010
91

AWC Volume SE (SC) SW W AR IN USGS Quad Cordova B-6

Anadromous Water Catalog Number of Waterway 221-10-10010-2007

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 94 209		
Revision Year: 94		
Revision to: Atlas ____ Catalog ____ Both X	Regional Supervisor	1/14/94 Date
Revision Code: A-2	Ed Weiss	1/6/94
	L. Brone Drafted	2/9/94 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho - juvenile	8-25-93		Est. 100 +		✓
Pink salmon - Adults	8-25-93	2			✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: A foot survey was conducted from the intertidal zone to the barrier at the upper extent of observed salmon. Both pinks and coho were found up to the barrier. Coho fry were identified visually in the stream then captured by dip net for verification. The barrier at the upper extent of observed salmon is a logjam one meter in height. Stream width is 2 meters at the mouth, one meter at the upper extent. Gradient is 2 percent.

ALASKA DEPT. OF FISH & GAME
NOV 03 1993
REGION II HABITAT AND RESTORATION

Name of Observer (please print) JEFF BARNHART

Date: 10-6-93 Signature: Jeff Barnhart

Address: 333 Raspberry Road
Anchorage AK

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____ Rev. 7/93

221-10-10010

[S]TREAM HABITAT ASSESSMENT [19]93 - SEGMENTS

STREAM: ~~T+ Cat #~~ 10010 SEGMENT: 1-01 DATE: 8/25/93 TEAM: DG/JB

ANADROMOUS: (y) n WIDTH (m): 2 - 1 LENGTH (m): ______ GPS DATE: 8/25 DIGITIZE: y n

WATERBODY: mainstem (tributary) lake/pond wetland intertidal other : ______

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
coho	J	3	D	Age 1+			
coho	J	100+	V				
pinks	A	2	V	AT barrier			
Rainbow Trout or Cutthroat	→	2	V	4" long did not capture			

GRADIENT(%): 2 CHANNEL PROFILE: A B C (D) E F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE : (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE ___ COBBLE 2 GRAVEL 1 SAND ___ MUD/SILT 3 ORGANICS ___ OTHER: ______

STREAM COVER TYPE: ORGANIC DEBRIS ___ DEAD BRANCHES/TWIGS X LOGS ✓ BOULDERS ___ CUT BANK X OVERHANGING VEGET. X OTHER: ______

STREAM COVER ABUNDANCE: none low medium (high)

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Spruce Hemlock

UNDERSTORY: Alder Salmon berry Ferns

CANOPY ABOVE STREAM: none (low) medium high

GROWTH: mature secondary (shrubs) meadow muskeg intertidal

TOTAL BARRIER? y (n) BARRIER TO SPECIES: All adults juveniles

TYPE: fall slide beaverdam (logjam) spring substrate HEIGHT (m): 1 DIST. FROM UPPER EXTENT (m): 0

PHOTO ROLL(s): JB04 VIDEO TAPE(s): ______

FRAME	DESCRIPTION	DATE	DESCRIPTION
15	Coho Fry Age 1+		
16	50 meters from beginning of segment, looking upstream (photo blurred)		
17.	Same as 16. (should be focused photo)		
18 & 19	pink salmon at upper extent.		
	← Numbering is off somewhere		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"

(Please enter comments on the other side)

STREAM HABITAT ASSESSMENT 1993 – STREAMS

STREAM: T1 cat # 10010 QUAD: Cordova B-6 STAGE: H M (L)

LANDOWNER: Chenega CAC (Eyak) Tatitlek Pt. Graham English Bay (circle one)

DATE(s): 8/25/93 UTM ZONE: 6

GPS FILES: B0825Z1F

SKETCH (indicate UTM zones, if not uniform throughout the stream)

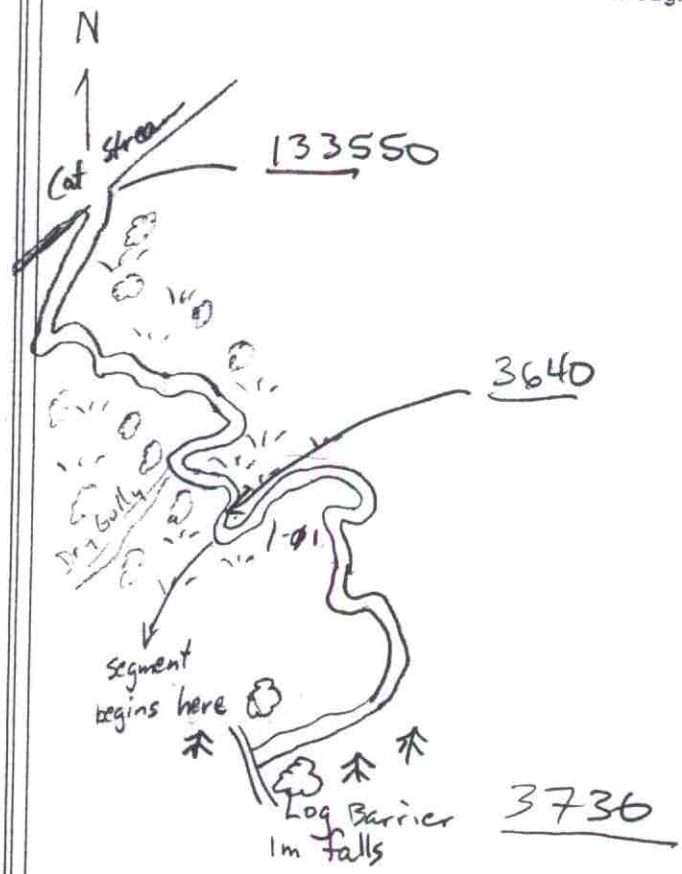
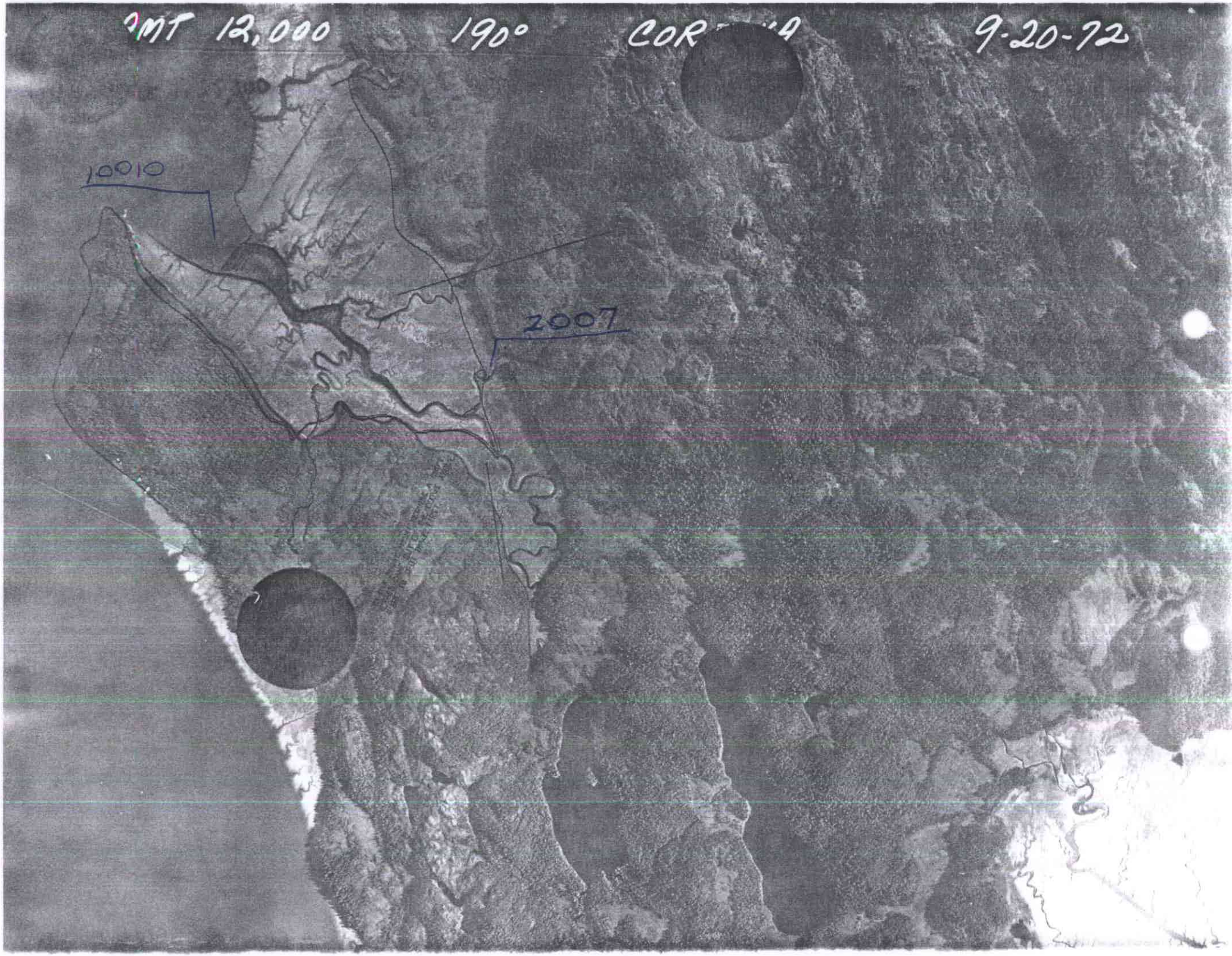
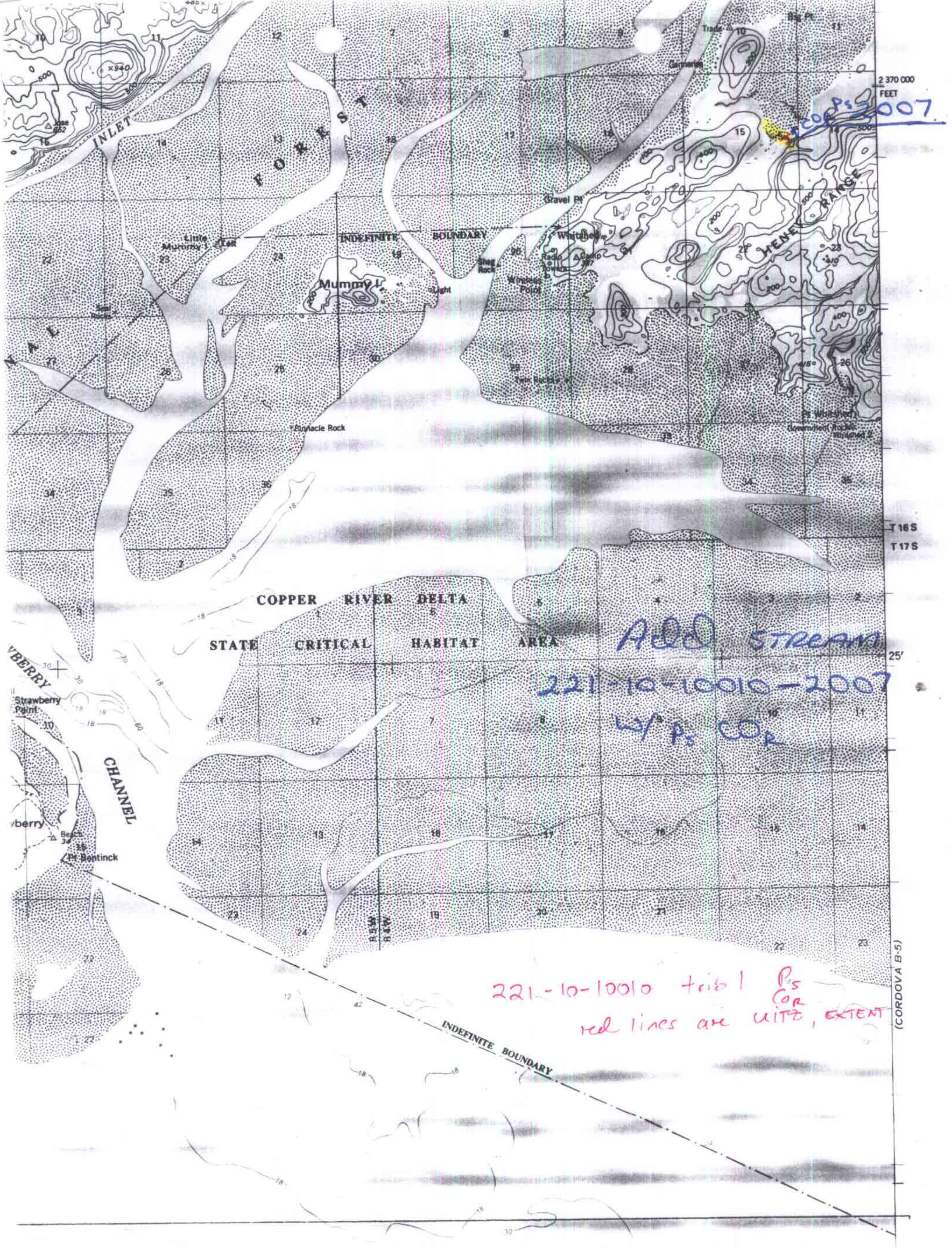


PHOTO ROLL(s):		VIDEO TAPE(s): WG 1	
FRAME	DESCRIPTION	DATE	
		8/25	1-01

(Please enter comments on the other side)


MT 12,000 190° COR 9-20-72
10010
2007


INLET
FOREST
Gravel Pt
INDEFINITE BOUNDARY
Little Murrnry I
Mummy I
Light
Shag Rock
Whitshed
Radio Towers
Wireless Point
HENEY RANGE
Twin Rocks
Pinnacle Rock
Pt Whitshed
Government Rocks
Big Pt
Trade
Cannery
2 370 000 FEET
COR Ps 2007
T 16 S
T 17 S
COPPER RIVER DELTA
STATE CRITICAL HABITAT AREA
Add stream
221-10-10010-2007
w/ Ps COR
25'
STRAWBERRY
Strawberry Point
CHANNEL
Pt Bentinck
R 5 W
R 4 W
221-10-10010 trib 1 Ps COR
red lines are UITZ, EXTENT
INDEFINITE BOUNDARY
(CORDOVA B-5)

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream Nominations and Corrections Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 53 streams surveyed in the fall of 1993 on private lands held by the Tatitlek and Eyak Native Corporations in northeast Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

There substantial discrepancies among shorelines on the USGS quad sheets, the DNR shoreline, and observed shorelines in this area. In some cases I have attached enlarged plots generated from GPS data and the DNR shoreline to the nomination form in order to illustrate the differences.

Attachments

cc w/o Attachments: Lance Trasky
Don McKay
Mark Kuwada