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

AWC Volume SE (SC) SW W AR IN USGS Quad Cordova D-2

Anadromous Water Catalog Number of Waterway 212-20-10080-2115

Name of Waterway Nels Miller Slough USGS name ✓ Local name ___

Addition ✓ Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 095	[signature] Regional Supervisor	10/30/92 Date
Revision Year:	Ed Weiss	
Revision to: Atlas ___ Catalog ___ Both X	R. Krone Drafted	12/21/92 Date
Revision Code: A-2		

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho Salmon	8/28/92		✓ Counted 337 juveniles		✓

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: Site 4-B-3

Site 4-B-3 constitutes one end of Nels Miller Slough where it empties into the Copper River, several third order streams run into Nels Miller slough. Stream 2115 is essentially part of Nels Miller Slough. The helicopter landed about halfway up Nels Miller Slough. Then the slough area was sampled and two tributaries were looked at. Many juveniles were counted + identified.

Name of Observer (please print) Cevyn Gilliland + Mike Wiedmer

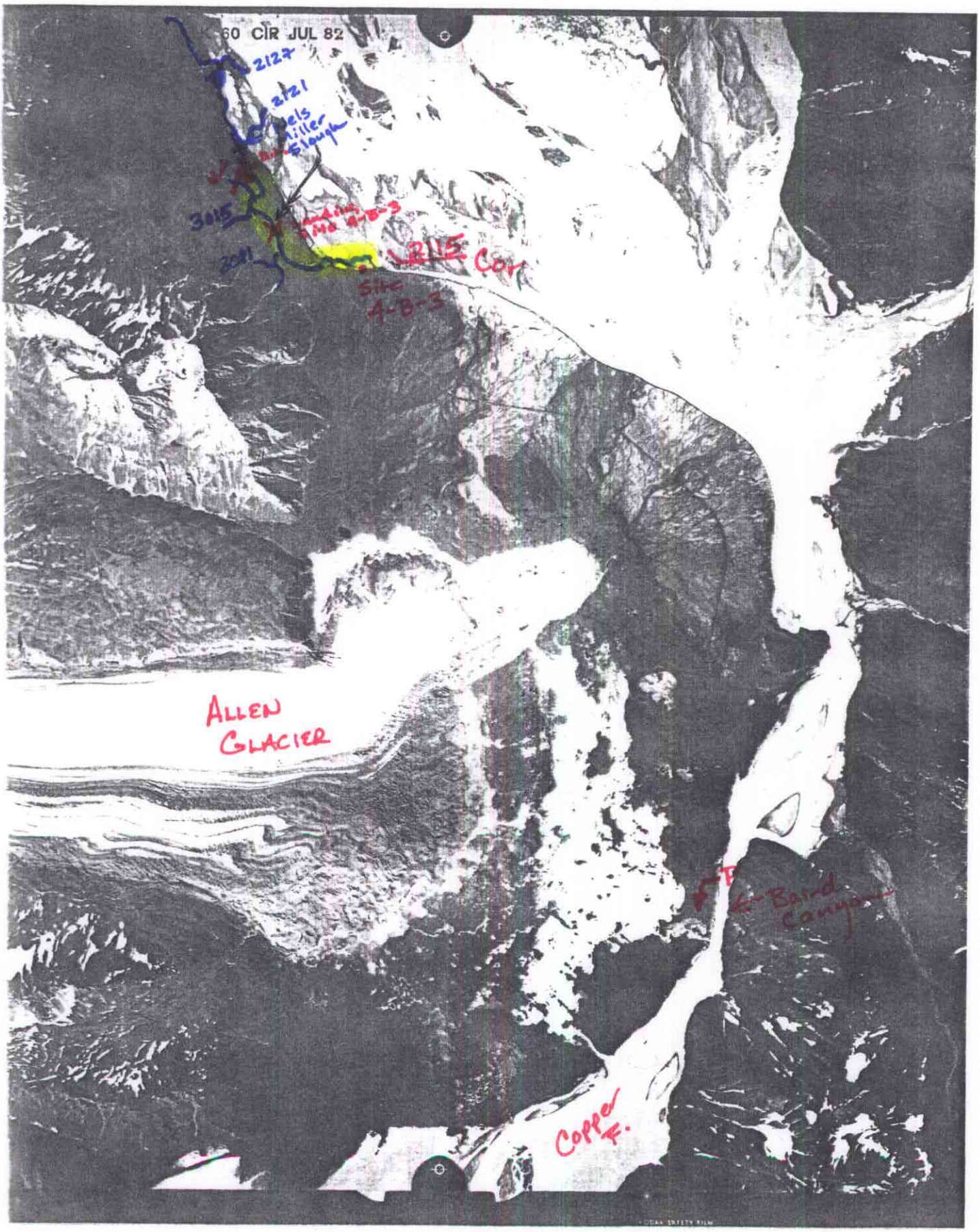
Date: 10/13/92 Signature: [signature]

Address: State of Alaska
DEPARTMENT OF FISH & GAME
333 Raspberry Rd.
Anchorage, AK 99518-1599

ALASKA DEPT. OF FISH & GAME
OCT 13 1992
REGION II
HABITAT DIVISION

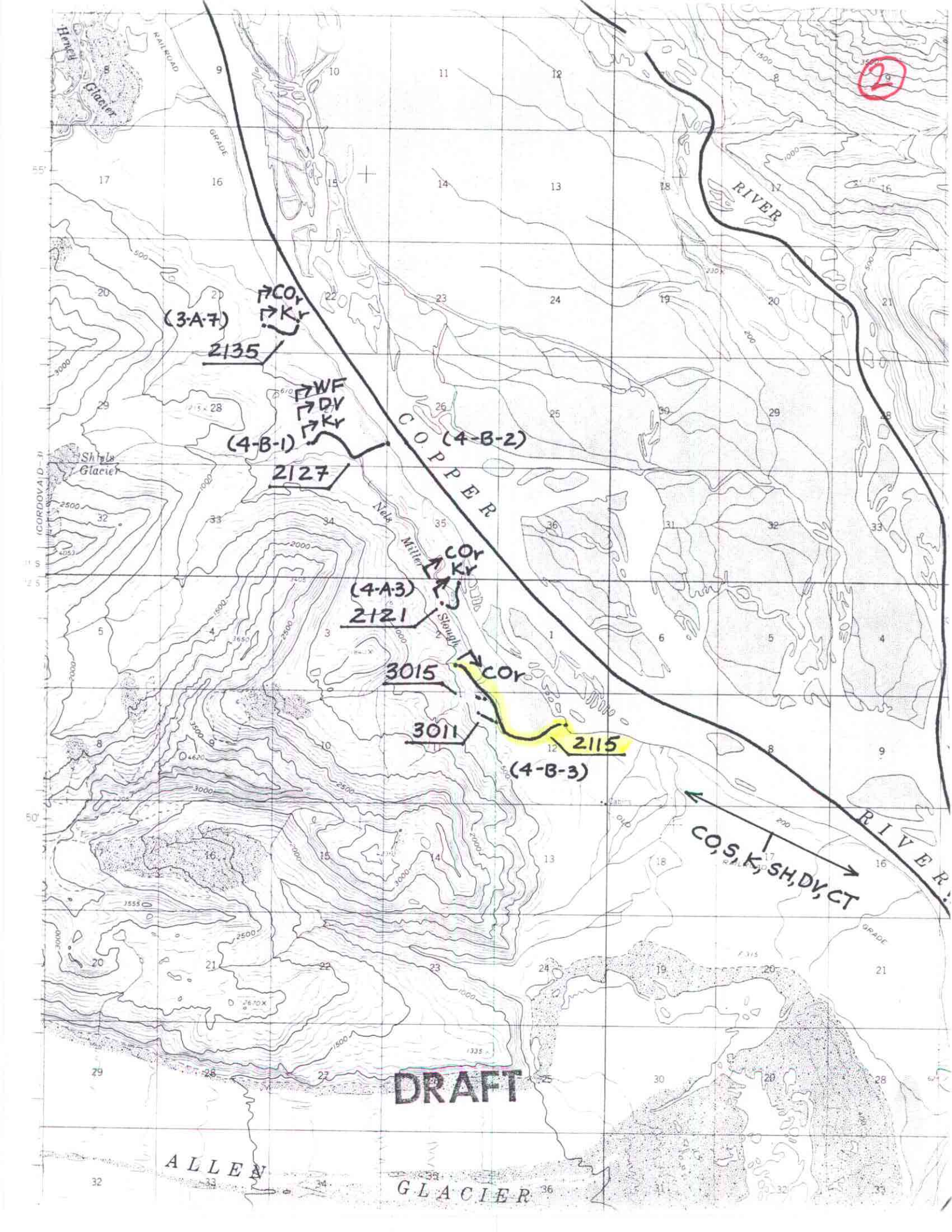
Signature of Area Biologist: ___

Rev. 12/91

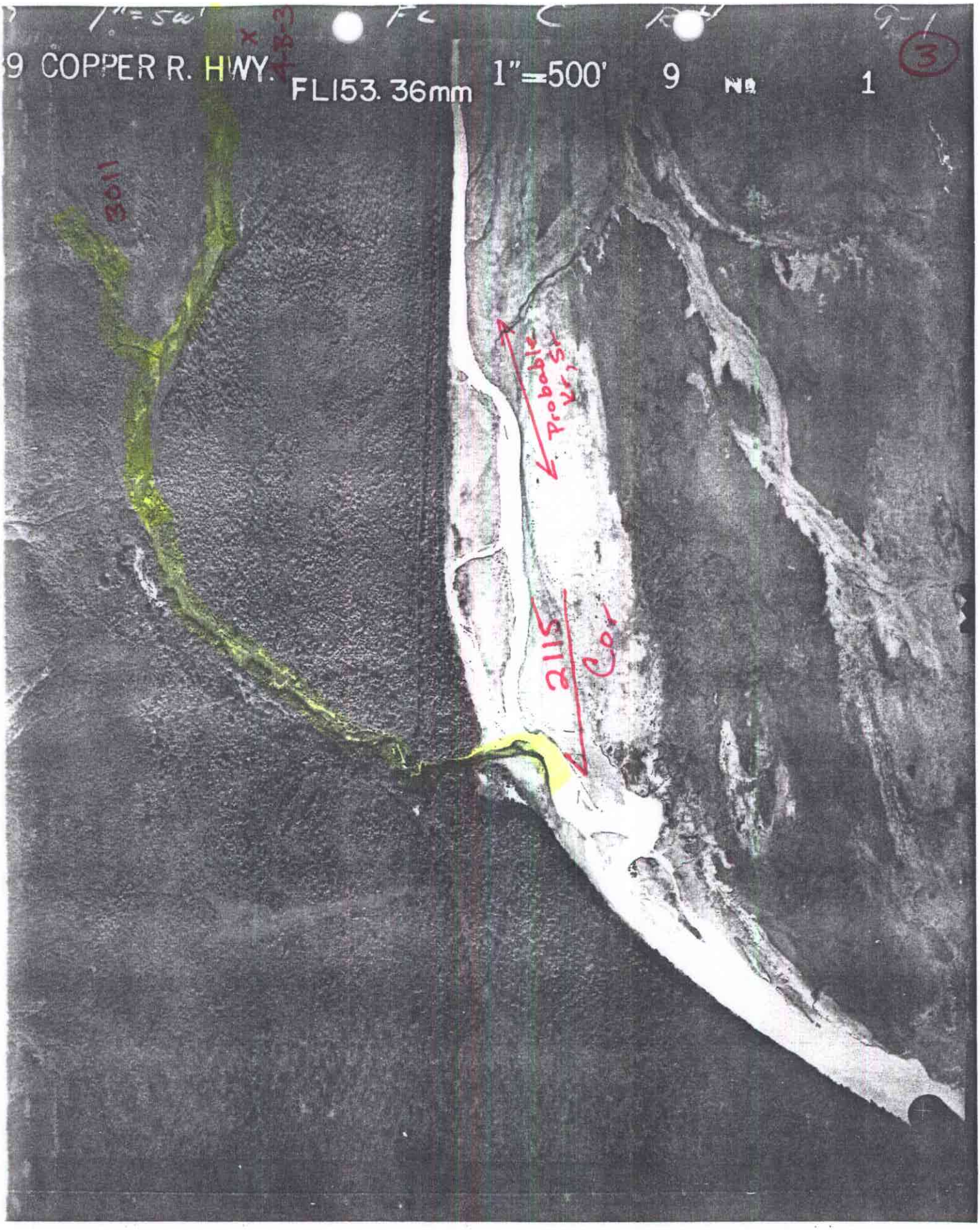


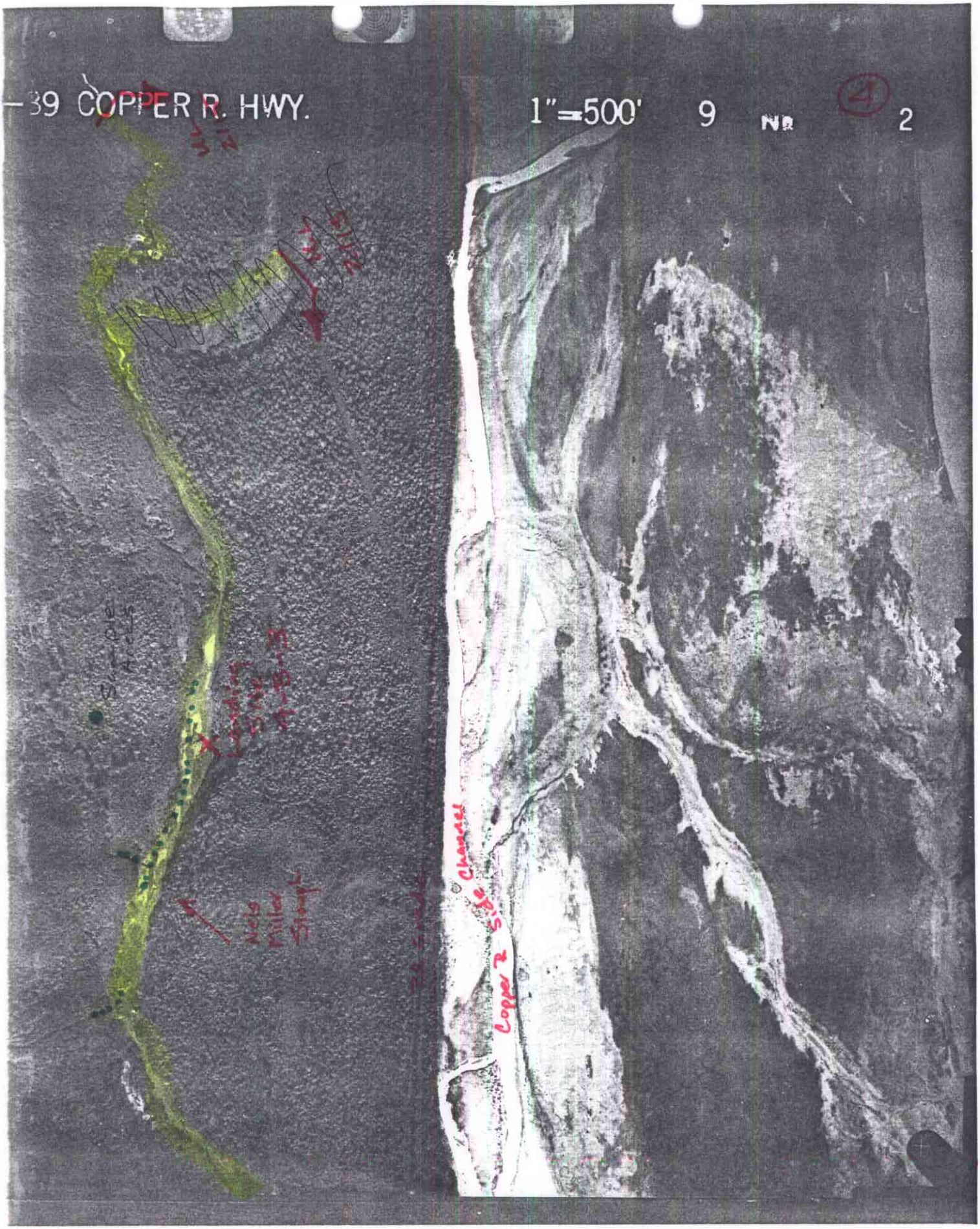
CRH # 3 (Million # Br. to Tie

+ TO



2
Heney Glacier
RAILROAD GRADE
RIVER
COPPER
Shiels Glacier
Nels Miller Slough
(3-A-7)
COr
Kr
2135
WF
DV
Kr
(4-B-1)
(4-B-2)
2127
COr
Kr
(4-A-3)
2121
3015
COr
3011
2115
(4-B-3)
CO,S,K,SH,DV,CT
RIVER
ALLEN GLACIER
DRAFT


9 COPPER R. HWY.
FL153.36mm
1"=500'
9
No
1
3011
Probable
2115
Cor


-39 COPPER R. HWY.
1"=500'
9
NR
4
2
Copper R. Side Channel

-39 COPPER R. HWY.
1"=500'
9
NE
3
5

COPPER RIVER FISH HABITAT SURVEY

Rev. 8/23/92

STATION NO: ZAB3 DATE: 8/28/92 TIME: 1430

OBSERVERS: CG, MW TEAM: A (B) STREAM NO: _____

WEATHER: (CLEAR) (PRT. CLDY) (CLOUDY)

STREAM STAGE: (HIGH) (MEDIUM) (LOW)

PRECIP: TODAY 0 YESTERDAY 0 THIS WEEK ++

TEMP: AIR 62 WATER 43 GRADIENT: 40 °

WATER CLARITY: (MUDDY) (MURKY) (STAINED) (CLEAR) (TURBID)

SUBSTRATE: (MUD) (SAND) (GRAVEL) (COBBLE) (BLDR/B-ROCK) 100 %

STREAM DIMENSIONS:

WIDTH 60

DEPTH, LEFT BANK 6ft

DEPTH, RIGHT BANK 2ft

DEPTH, MID-CHANNEL 2ft

VELOCITY: None (Slow) Medium Fast

CHANNEL DIAGRAM (INCLUDE BANK & STREAM FEATURES, VEGETATION):

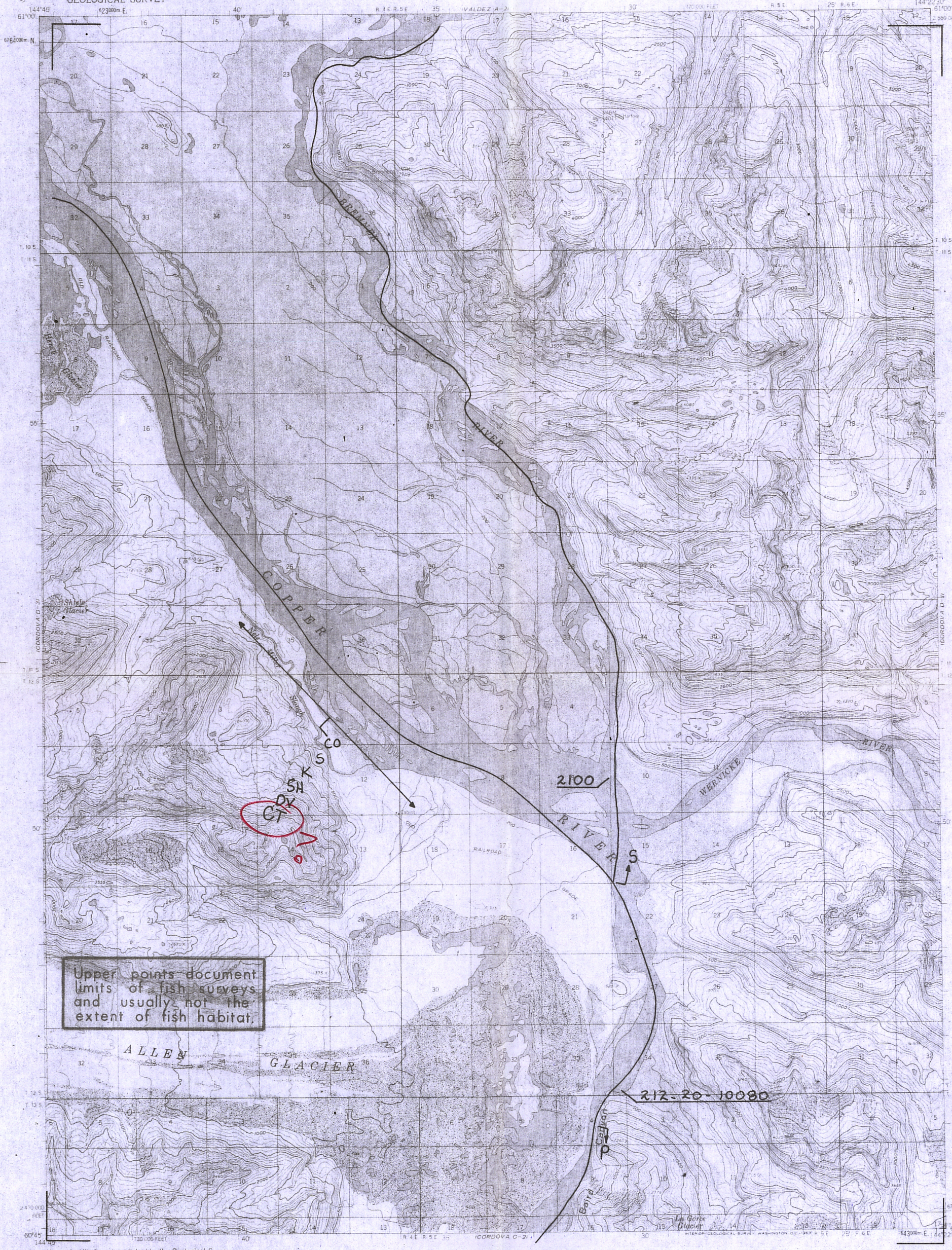
NeB Miller slough

ROLL NO. 2 FRAME NOS. 23+24 ~~22 & 23~~

ADVANCE PROOF
SUBJECT TO CORRECTION
SCALE 1:63,360

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CORDOVA (D-2) QUADRANGLE
ALASKA
1:63360 SERIES (TOPOGRAPHIC)



NOTE

This proof is sent to you for your review and comment. If you observe errors or have suggestions, please make notations on the face of the map, sign and return the copy within TEN days.

RETURN TO
ROCKY MOUNTAIN REGION ENGINEER
U.S. GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER 25, COLORADO

Signature .....
Title .....

Mapped, edited, and published by the Geological Survey

Control by USGS

Topography by photogrammetric methods from aerial photographs taken 1950 and 1957, field annotated 1959. Map not field checked

Universal Transverse Mercator projection, 1927 North American datum
10,000-foot grid based on Alaska coordinate system, zone 3
1000-meter Universal Transverse Mercator grid ticks, zone 6, shown in blue

Land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management
Polio CR 6, Copper River Meridian

APPROXIMATE MEAN DECLINATION, 1959

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA DENVER 25, COLORADO WASHINGTON 25, D.C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
No roads or trails in area

CORDOVA (D-2), ALASKA
N6045-W14422.5/15X22.5
1959

MAP NO. D-2 OF 54

LEGEND

S	Sockeye Salmon
K	King Salmon
CO	Coho Salmon
P	Pink Salmon
CH	Chum Salmon
SH	Steelhead Trout
DV	Dolly Varden
AC	Arctic Char
SF	Sheefish
W	Whitefish
CT	Cutthroat Trout

Subscript
s - Known Spawning
r - Rearing
*m - Migration

*Migration upstream is assumed for stream reaches where anadramous fish occur.

ACE 7784582

COMP.	DRC
DRAWN	CB
REVISED	DRC
APPROVED	ERL
DATE	4/82
FILE NO.	

SCALE
1" = 1 MILE
1 : 63,360

PROJ. TITLE
ANADROMOUS WATERS CATALOG
ANADROMOUS WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)

MAP TITLE
CORDOVA (D-2)

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
habitat protection division
JUNEAU, ALASKA

BY	DATE

REVISIONS