

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

AWC Volume SE SC SW W AR IN USGS Quad Valdez A-3

Anadromous Water Catalog Number of Waterway 212-20-10080-2159-3101-4008-5011

Name of Waterway _____ USGS name _____ Local name _____

Addition ☒ Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>93 370</u>	<u>[Signature]</u>	<u>12/16/92</u>
Revision Year: <u>'93</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Weir</u>	<u>12/14/92</u>
Both ☒	<u>2. Irone</u>	<u>12/23/92</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho Salmon</u>	<u>8/26/92</u>		☒		<u>measured 7 on stream</u>

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: Sites 2-A-2, 2-A-3

5011 is a fifth order tributary which drains into the complex of ponds, marshes, and streams nominated as 3101-0910. The survey team sampled here and saw numerous juvenile coho's of these seven were measured. (sizes on data sheet)

Site 2-A-3 data provided to illustrate 4008

Findings:

Name of Observer (please print) _____

Date: 12/10/92 Signature: _____

Address: _____

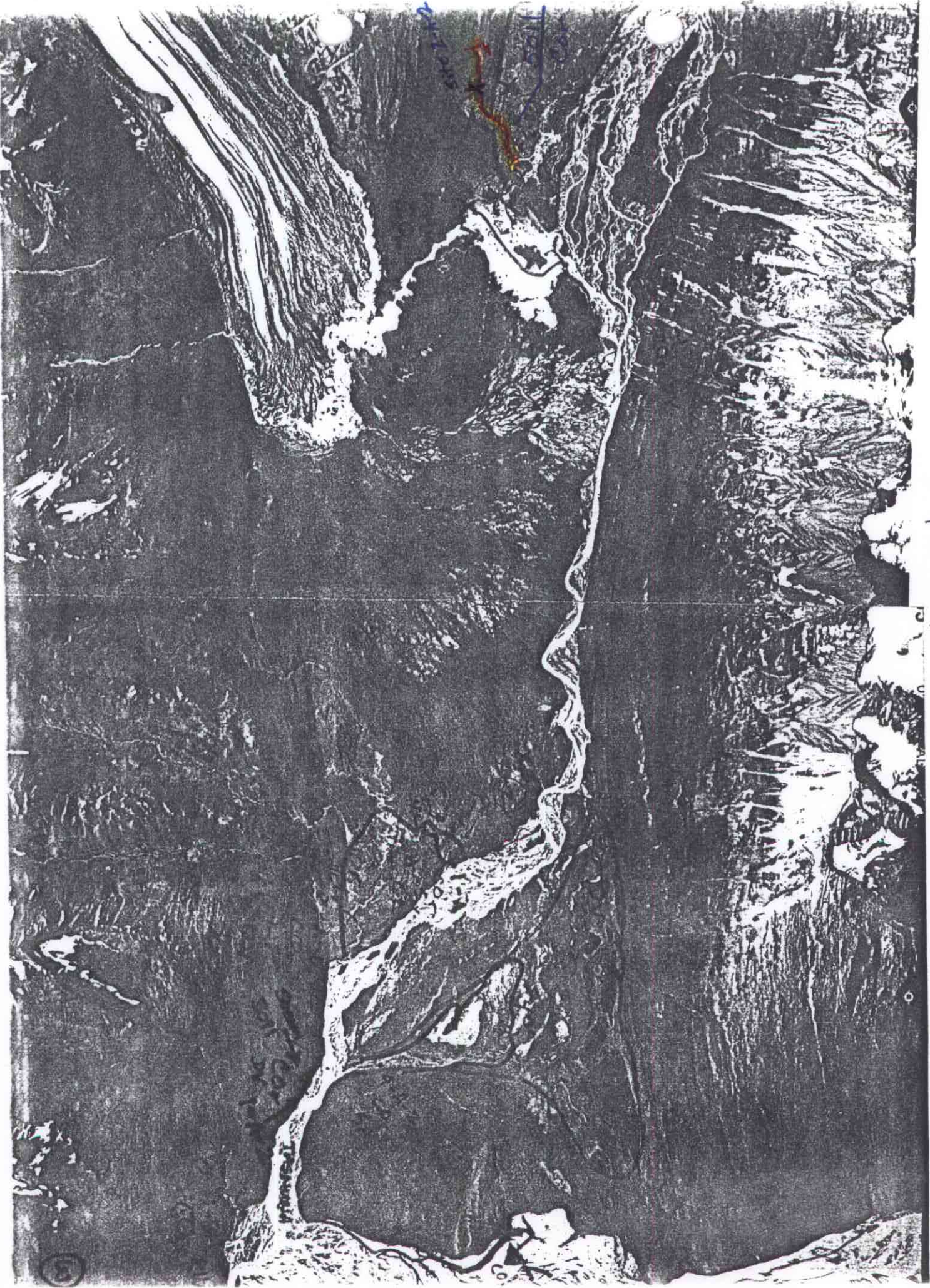
ALASKA DEPT. OF
FISH & GAME

DEC 15 1992

REGION II
HABITAT DIVISION
Rev. 12/91

Signature of Area Biologist: _____

: Note Ed For Further Clarification
Consult Original Copy of Aerial via Cairn + Frances.



0160

(CORDOVA D-4)

Mapled, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs
taken 1950 Map not field checked
Universal Transverse Mercator projection, 1927 North American datum
10,000 foot grid based on Alaska coordinate system, zone 3
1,000 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
John Cr. 6, Copper River Meridian

APPROXIMATE MEAN DECLINATION, 1950

TRUE NORTH

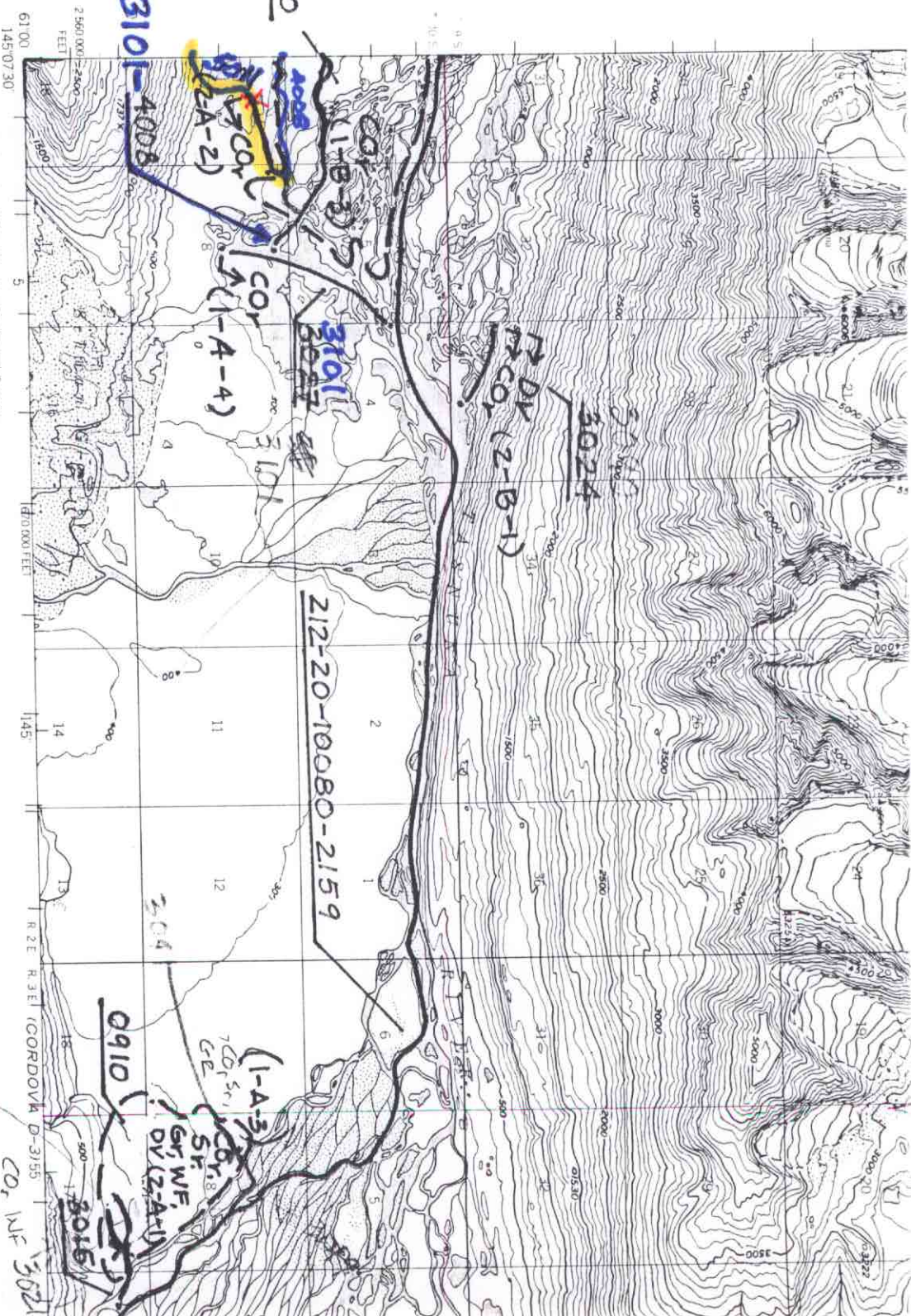
MAGNETIC NORTH

28°

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

4005

CO, 12F 362
DU 5c



COPPER RIVER FISH HABITAT SURVEY

Rev. 8/23/92

STATION NO: 2-A-2 DATE: 8/26/92 TIME: 1040OBSERVERS: LG, MW TEAM: (A) B STREAM NO: _____

WEATHER:

STREAM STAGE:

PRECIP:

CLEAR

HIGH

TODAY

Drizzle

PRT. CLDY.

MEDIUM

YESTERDAY

1 + "

CLOUDY

LOW

THIS WEEK

TEMP: AIR _____ WATER _____ GRADIENT: _____°

WATER CLARITY:

SUBSTRATE:

STREAM DIMENSIONS:

MUDDY

MUD

WIDTH 13'

MURKY

SAND

10DEPTH, LEFT BANK 0.5'

STAINED

GRAVEL

90DEPTH, RIGHT BANK 1.0'

CLEAR

COBBLE

DEPTH, MID-CHANNEL 1.5'

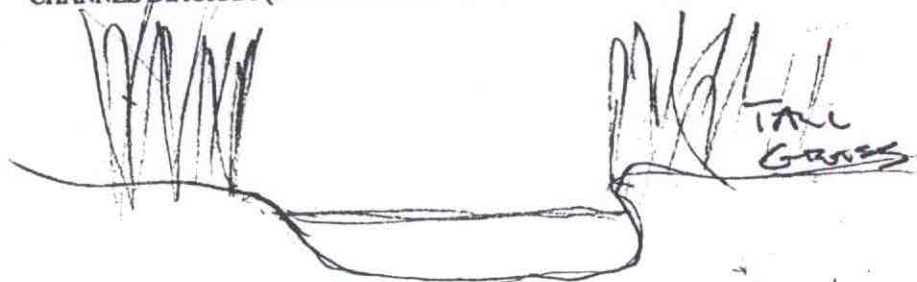
TURBID

BLDR/B-ROCK

100 %

VELOCITY: None Slow Medium Fast

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

ROLL NO. 1 FRAME NOS. 9410

STREAM CLASSIFICATION (circle one):

	A	B	C	D	E	F	G
ESTIMATE BED FORM EVEL							
1 BEDROCK							
2 GRAVEL							
3 COBBLES							
4 SAND							
5 SAND							
6 SILT							
SLOPE	.04 - .099	.02 - .039	< .01	.01 - .019	< .02	< .02	.02 - .039
W/D RATIO	< 12	> 12	> 12	> 50	< 12	> 12	< 12
BR RATIO	1 - 1.4	1.41 - 2.2	> 2.2	> 2.2	> 2.2	1 - 1.4	1 - 1.4

STREAM TYPE	A	D	B & G	F	C	E
PLAN VIEW						
CROSS-SECTION VIEW						

FISH SAMPLING: GEAR: _____ TIME: _____ sec AREA: _____ ft² EFFIC: _____ %

CO	40	52	17	40	47	55	50		
K									
S									
CH									
P									
DV	110								

TROPICAL WAD

COPPER RIVER FISH HABITAT SURVEY

Rev. 8/23/92

STATION NO: 2A-3 DATE: 8/26/12 TIME: 1200

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

Polygon

WEATHER:

STREAM STAGE:

PRECIP:

CLEAR

HIGH

TODAY: DRIZZLES

PRT. CLDY.

MEDIUM

YESTERDAY: 1+''

CLOUDY

LOW

THIS WEEK: _____

TEMP: AIR _____ WATER _____ GRADIENT: _____°

WATER CLARITY:

SUBSTRATE:

STREAM DIMENSIONS:

MUDDY

MUD

100

WIDTH: 200'

MURKY

SAND

DEPTH, LEFT BANK: 18'

STAINED

GRAVEL

DEPTH, RIGHT BANK: 5'

CLEAR

COBBLE

DEPTH, MID-CHANNEL: 10'

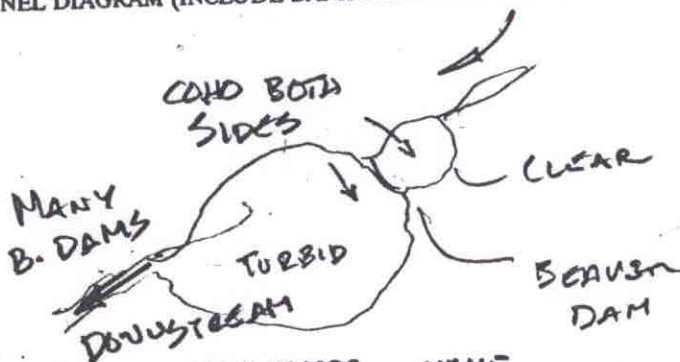
TURBID

BLDR/B-ROCK

100 %

VELOCITY: None Slow Medium Fast

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



ROLL NO. _____ FRAME NOS. NONE

STREAM CLASSIFICATION (circle one):

POND/LAKE

	A	B	C	D	E	F	G
1 GRAVEL BEDROCK							
2 COBBLES							
3 SAND							
4 MUD							
5 SILT							
6 CLAY							
SLOPE	.04 - .099	.02 - .039	< .01	.01 - .019	< .02	< .02	.02 - .039
W/D RATIO	< 12	> 12	> 12	> 50	< 12	> 12	< 12
ER RATIO	1 - 1.4	1.41 - 2.2	> 2.2	> 2.2	> 2.2	1 - 1.4	1 - 1.4

STREAM TYPE	A	D	B & G	F	C	E
PLAN VIEW						
CROSS-SECTION VIEW						

FISH SAMPLING: GEAR: _____ TIME: _____ sec AREA: _____ ft² EFFIC: _____ %

CO	(S)	36-55					
K							
S							
CH							
P							
DV							