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

1987
Year of Revision
87-237

Anadromous Water Catalog Volume Western

USGS Quad (16) Bethel D-2, C-2, C-3

Name of Waterway —

Anadromous Water Catalog Number of Waterway

335-20-16600-2400-3244-4148-5011

Change to _____ Atlas

_____ Catalog

X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name —

Local name —

ALASKA DEPT. OF FISH & GAME
OCT 9 1986
REGION II
HABITAT DIVISION

For Office Use

Nomination # _____

Regional Supervisor — Date 10/29/86

OK SJS — 11/17/86

Drafted FI — Date 11/4

Species	Date(s) Observed	Spawning	Rearing	Migration
coho salmon	~~Sept~~ Aug. 26, 1986		X	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

collected by electrofishing - see attached survey form

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. Attach a copy of the fish survey data, if available.

Name of Observer (please print) G. Anderson / D. Schneiderhan

Date: 10/7/86 Signature: [illegible]

Address: ADF&G - Anchorage

Signature of Area Biologist: R. Kim Francisco

B1 # FISH HABITAT SURVEY

8/86

X-7.0
+3.1

Observer(s) Anderson ~~Schneiderhan~~ Watershed No. 335-20 2400-3244-4148

Stream No. 5011 Stream Name ——

Weather: Clear, Prt. Cloudy, **Cloudy**

Stream Stage: **High**, Low, Medium

Precip. Today mod
Yesterday mod
This Week heavy

Altitude 1700 M.S.L U.S.G.S. Quad BETHEL C-3

Lat. 60°43:2" N Long. 159°46:7" W

Temp: Air 58 Water 41° Time 16:15 Date 8-26-86

Water Q.: Muddy, Murky, Stained, **Clear**

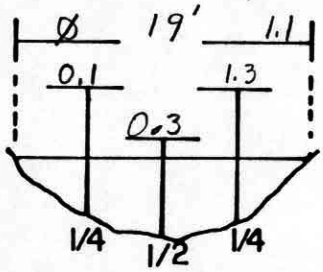
Substrate %:

Mud	—
Sand	30%
Gravel	30%
Cobble	40%
Boulder	—
Bedrock	—

Habitat Quality 1 ——→ 5 (Poor, Excell)

Spawning 5
Rearing 3
Migration 6

Flow: LOOKING UPSTREAM



V= Ø 0.7 0.8 2.6 0.9

~~no imped, mod. fast flow~~
~~4148 good hab. - SM not worth sampling~~

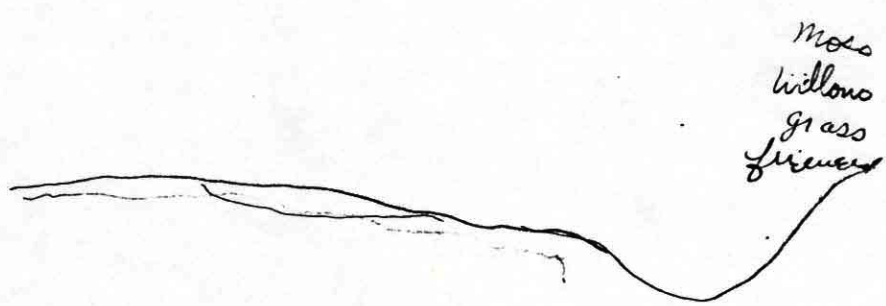
Fish Species

Length mm.	K	CO	S	DV/AC	W	SF	SC			
		65								
				12.0 in.						

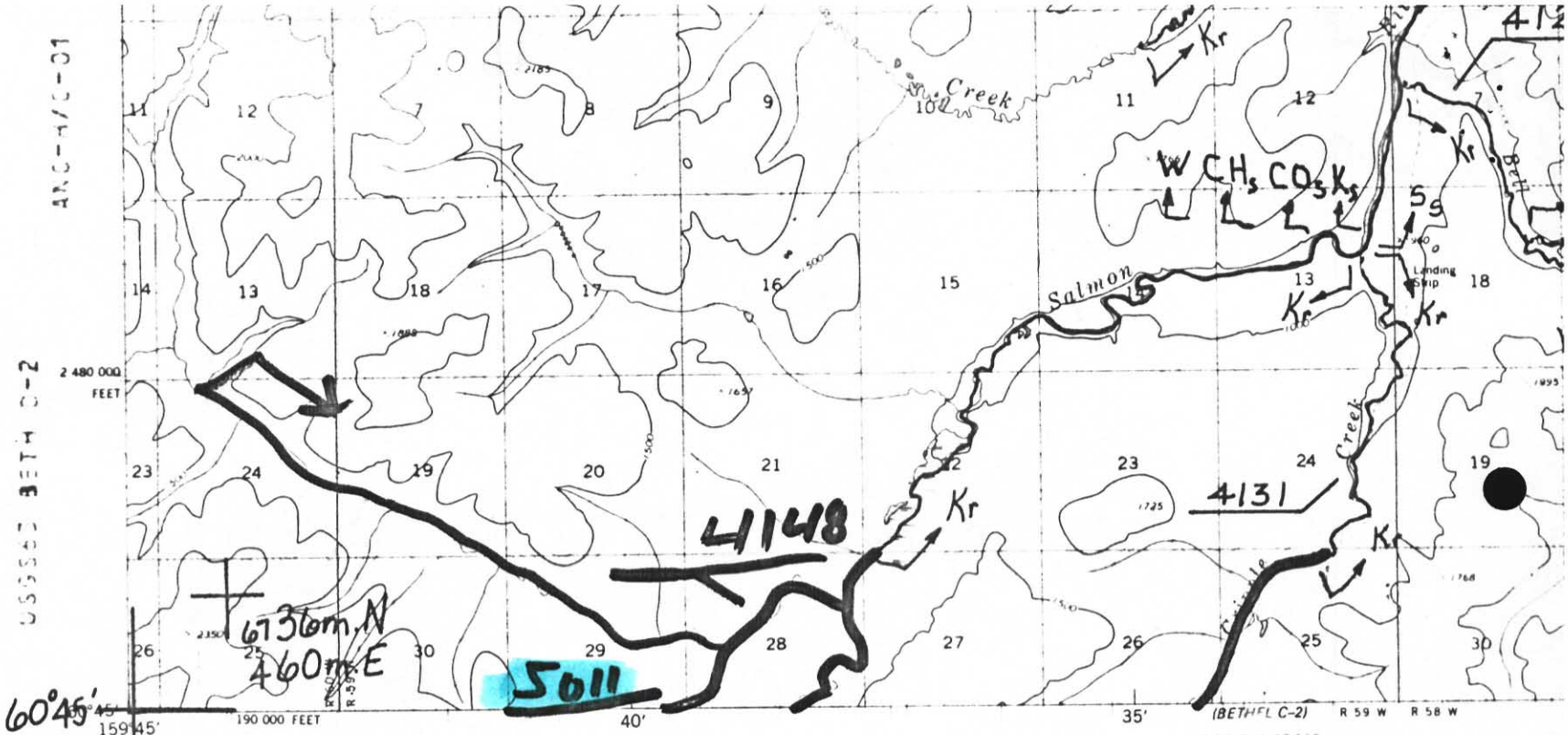
Gear EF Est. Area Sampled 1200 sq ft

Sampling Time 295 Est Sampling Efficiency 20%

Channel Diagram (Include bank&stream features, vegetation)



LOOKING UPSTREAM



Surveyed, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA and USCE

Topography by photogrammetric methods from aerial photographs taken 1973. Field annotated 1976. Map not field checked
Map edited 1978

Projection and 1000-meter grid ticks: Unviersal Transverse Mercator, zone 4
10,000-foot grid ticks based on Alaska coordinate system, zone 6 1927 North American datum

Gray land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management.
Folio S-10, Seward Meridian

Swamps as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from aerial photographs

TRUE NORTH
MAGNETIC NORTH
20°
APPROXIMATE MEAN DECLINATION 1978

SCALE 1:63360

CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAP NO.
D-2
OF
75

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

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

* Migration upstream is assumed for stream reaches where anadromous fish occur

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

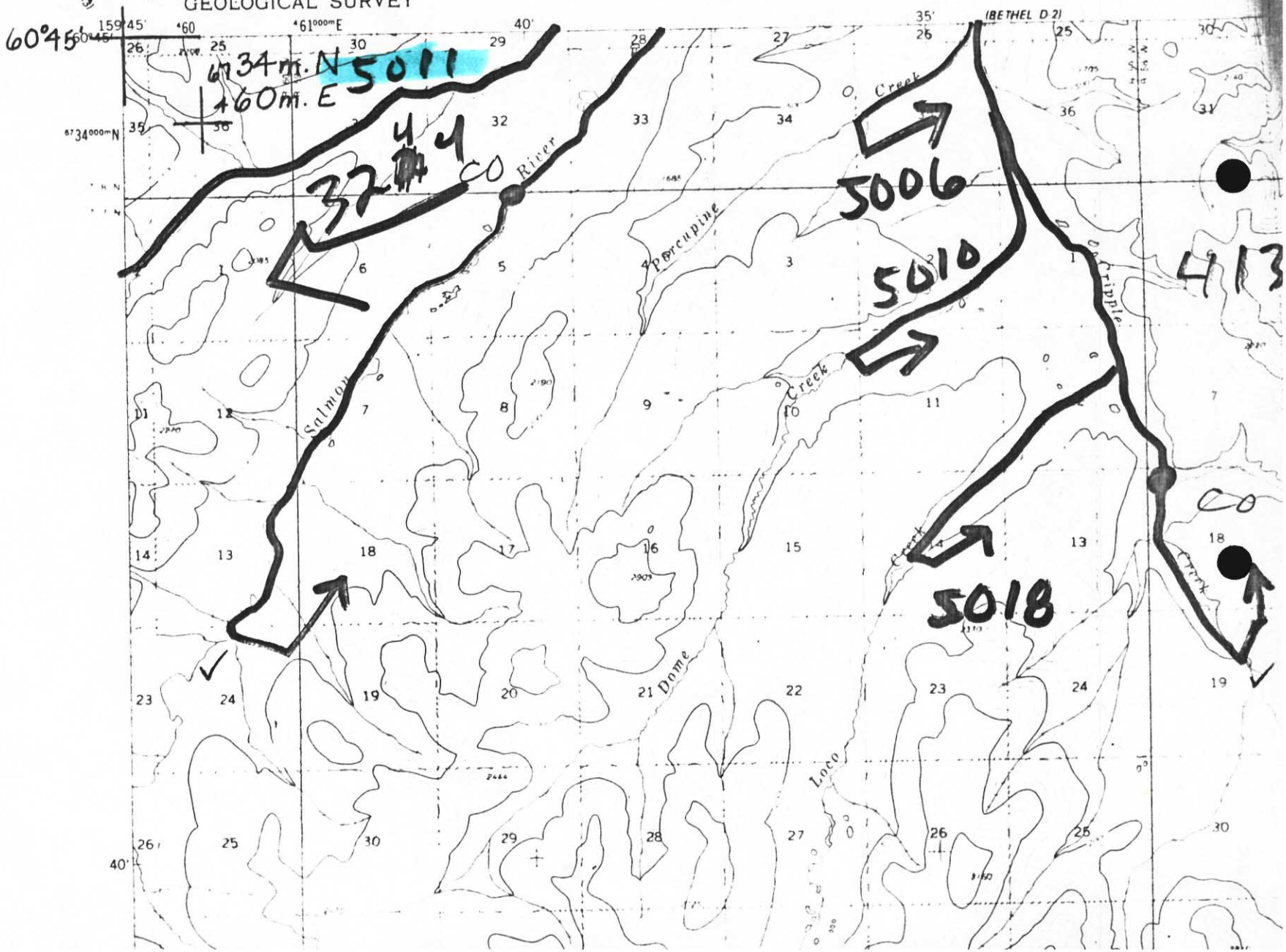
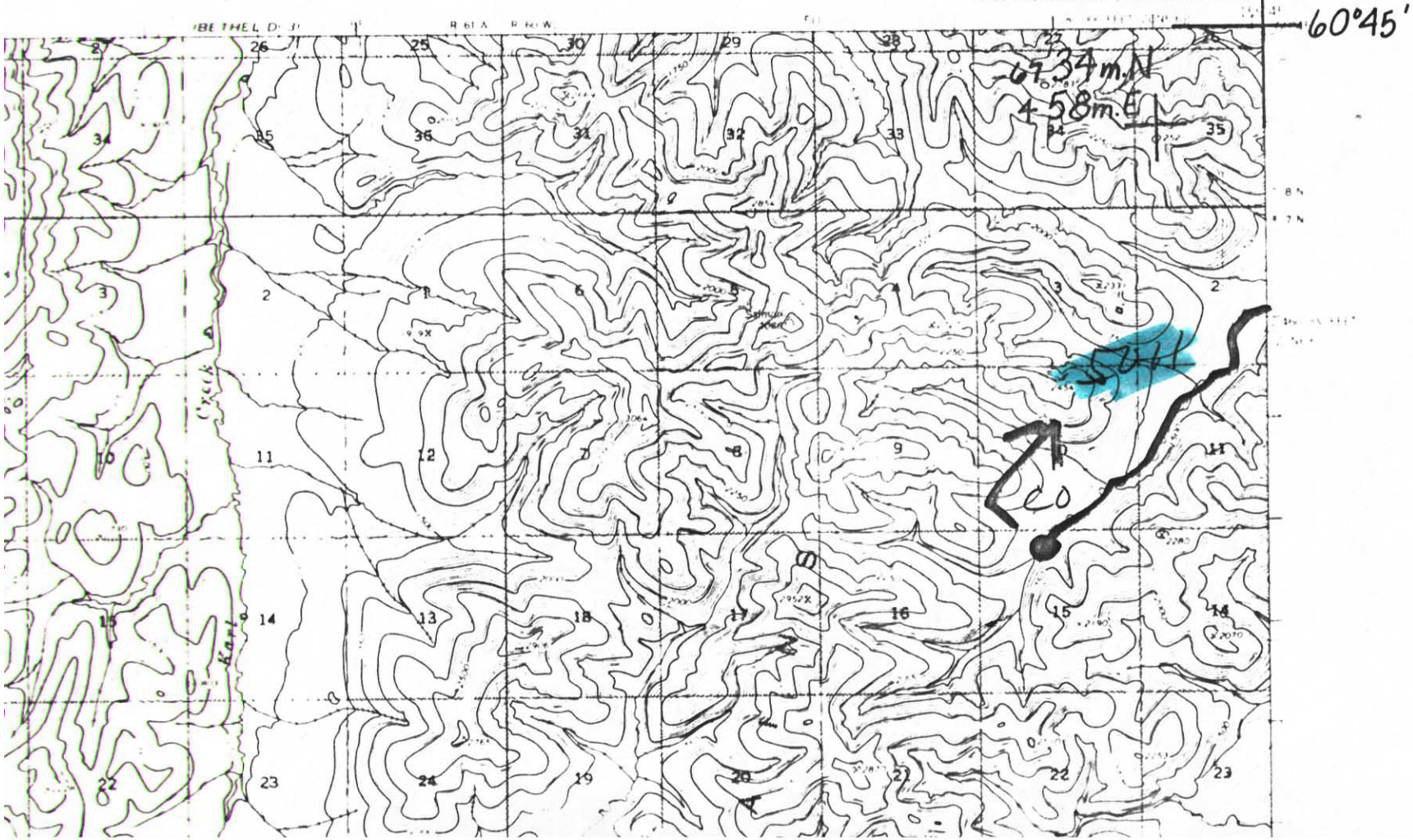
N
SCALE
1" = 1 MILE
1 : 63,360

PROJ. TITLE
ANADROMOUS STREAM
ANADROMOUS WATERS ARE LISTED PURSUANT T

MAP TITLE
BETHEL, D-2

Bethel C-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



BETHEL (C-3) QUADRANGLE
ALASKA
1:63,360 SERIES (TOPOGRAPHIC)