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

1987
Year of Revision
87-336

Anadromous Water Catalog Volume Interior

USGS Quad Lime Hills B-5 & B-6

Name of Waterway —

Anadromous Water Catalog Number of Waterway
335-30-16600-2070-3111

Change to _____ Atlas
_____ Catalog
X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name —

Local name —

For Office Use

Nomination # _____

[signature] 11/2/86
Regional Supervisor Date

OK SJS 11/18/86

F1 11/12
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
CO	8/20/86		CO	

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

Upper limits estimated from helicopter overflight and results of electroshock sample for 335-30-16600-2070-3107 and 335-30-16600-2070-3119 (see atch'd) upper limit at T16N, [illegible], R31W, sec 21, SM.

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) K. Sundberg & C. Landry

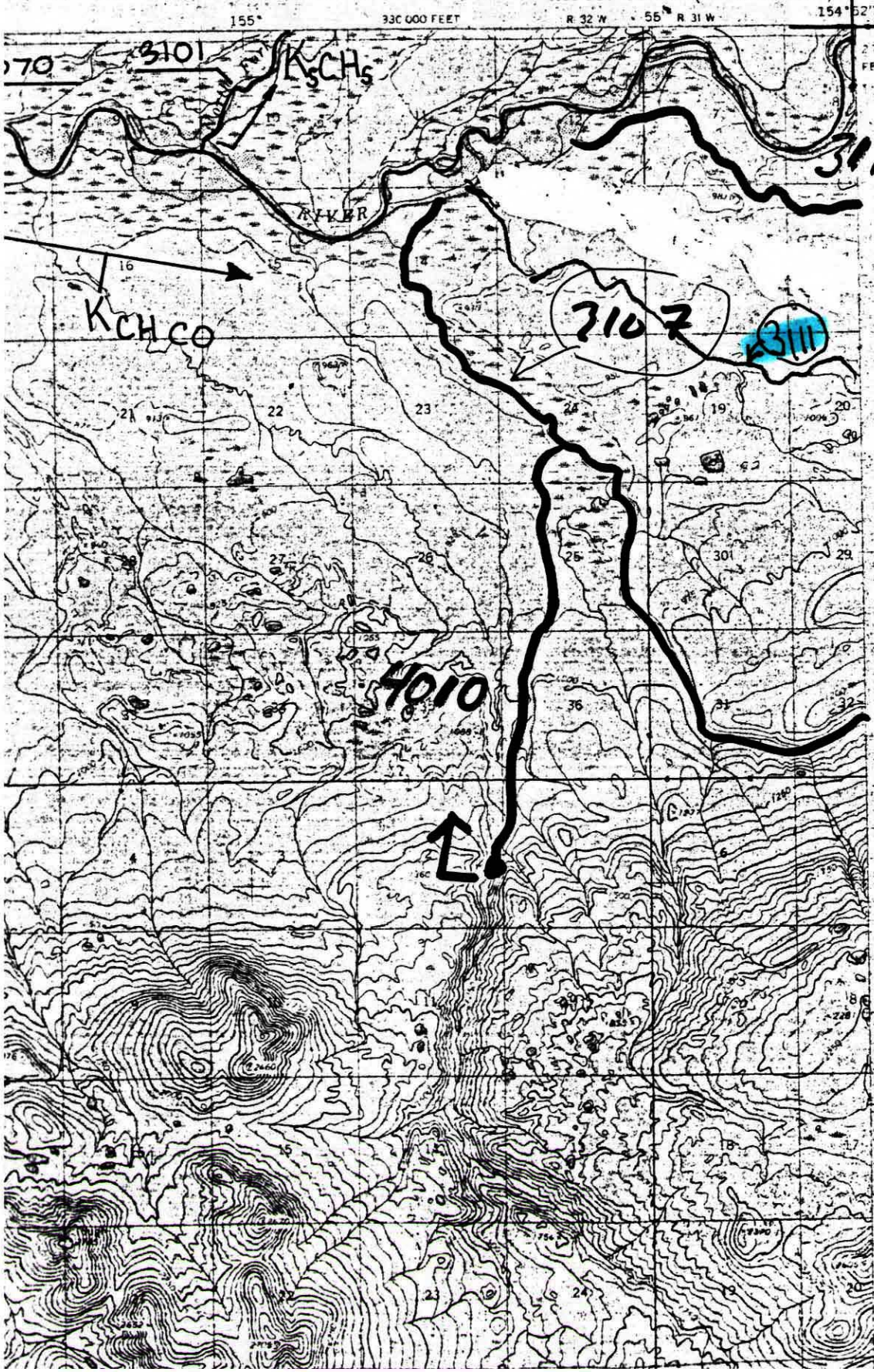
Date: 10/7/86 Signature: [signature] - ADF&G

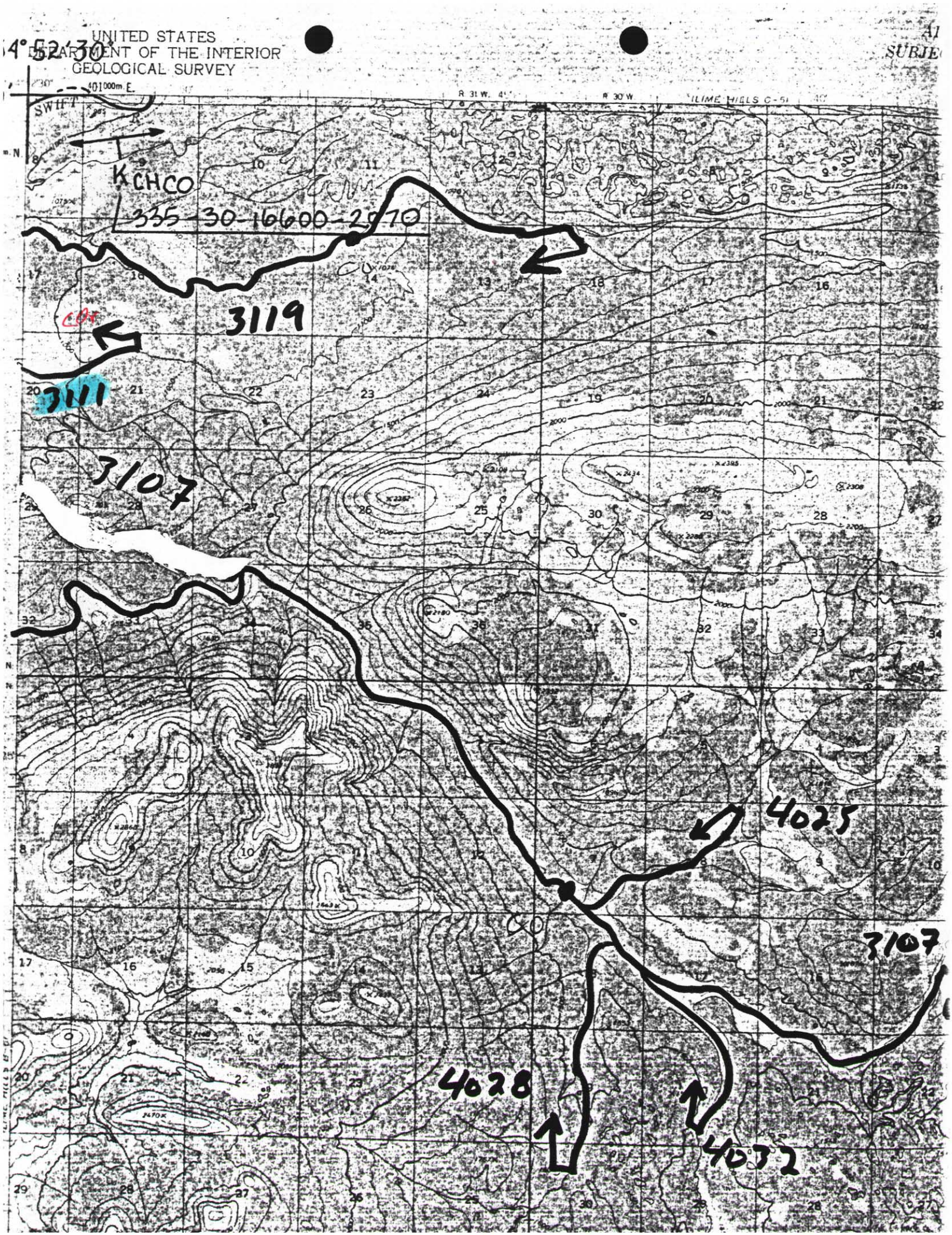
Address: 333 Raspberry Road
Anchorage Alaska 99518

Signature of Area Biologist: R. Wim Francisco

FINAL

LIME HILLS (B-6) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SWIFT
KCHCO
335-30-16600-2070
3119
3111
3107
4025
3107
4028
4032

SH HABITAT SURVEY

8/86

α − 16.7
+ 5.5

rver(s) Lanpry Sonberg Watershed No. 2070

Stream No. 3107 Stream Name —

Weather
Clear
Prt. Cloudy
Cloudy

Stream Stage
High
Low
Medium

Precip. Today 0
Yesterday 0
This Week mod

X Altitude 1375 M.S.L U.S.G.S. Quad LH 3-5

Lat. 61° 24' 0" N Long. 154° 44' " W

Temp: Air 51 Water 44 Time 1000 Date 20 Aug 86

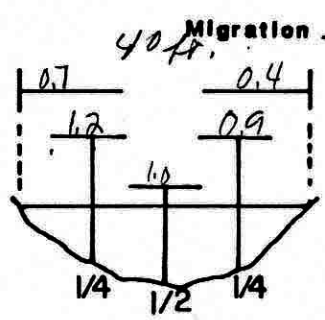
Water Q.
Muddy
Murky
Stained
Clear

Substrate %
Mud 20
Sand 10
Gravel 15
Cobble 50
Boulder 5
Bedrock —

Habitat Quality 1 ——→ 5
Poor Excell

Spawning 4
Rearing 5
Migration 4

Flow:
LOOKING
UPSTREAM



V= 0.1 0.6 0.7 0.6 0.3

25% more flow in side channel

FINAL

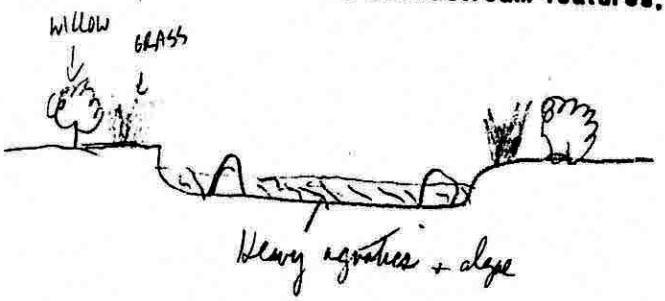
Fish Species

Length mm.	K	CO	S	DV/AC	W	SF	SC			
		83		83						
		75								
		57								
		85								
		60								
		60								
		77								
		55								
		58								
		58								
		39								
		37								
		46								
		39								
		41								
		34								
		39								
		40								

Gear EF **Est. Area Sampled** 160 x 20

Sampling Time 301 **Est Sampling Efficiency** 90%

Channel Diagram (include bank&stream features, vegetation)



LOOKING UPSTREAM

ISH HABITAT SURVEY

8/86

α −8.0 +4.0

Observer(s) Mauney Hahn Watershed No. 2070

Stream No. 3119 Stream Name —

Weather	Stream Stage	Precip.	Today —
Clear	High		Yesterday Light
Prt. Cloudy	Low		This Week Mod
Cloudy	Medium		

Altitude 1060 M.S.L U.S.G.S. Quad Lime Hills B-5

Lat. 61°26'1" N Long. 154°58'.5" W

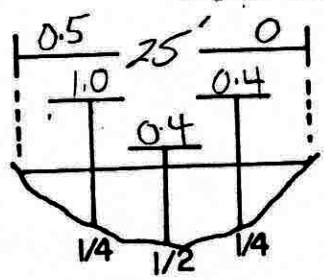
Temp: Air broke Water broke Time 1015 Date 8/21

Water Q.	Substrate %	
Muddy	Mud	—
Murky	Sand	30
Stained	Gravel	60
Clear	Cobble	10
	Boulder	—
	Bedrock	—

Habitat Quality 1 → 5 (Poor – Excell)

Spawning 4
Rearing 3
Migration 4

Flow: LOOKING UPSTREAM



6'

V= 0.4 2.4 0.7 1.5 0

FINAL

Fish Species

Length mm.	K	CO	S	DV/AC	W	SF	SC			
		87								
		64								
		43								

note we lost 1 fish that appeared to be a salmon

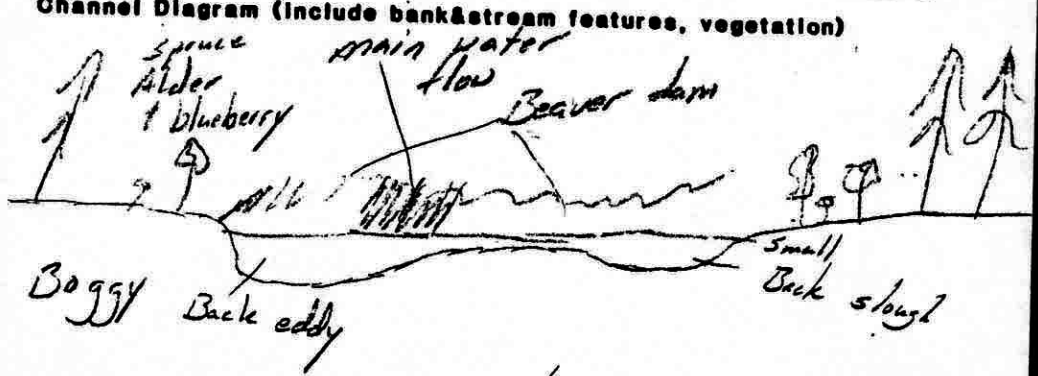
Gear EF

Sampling Time 494 624 6755 494

Est. Area Sampled 100' x 20

Est Sampling Efficiency 70

Channel Diagram (include bank&stream features, vegetation)



large Beaver pond upstream which 2 coho were captured

LOOKING UPSTREAM