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

1987
Year of Revision

87-332

ALASKA DEPT. OF FISH & GAME
NOV 10 1986
REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume Interior

USGS Quad Lime Hills B-5

Name of Waterway —

Anadromous Water Catalog Number of Waterway
335-30-16600-2070-3107-4028

Change to _____ Atlas
_____ Catalog
X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name —

Local name —

For Office Use

Nomination # _____

Regional Supervisor — Date 11/2/86

OK SJS — Date 11/18/86

Drafted F1 — Date 11/12

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 (see attached)
Upper limit @ T15N, R30W, Sec 30, S.M.

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: 10/2/86 Signature: [signature] - ADF&G

Address: 333 Raspberry Road
Anchorage Alaska 99518

Signature of Area Biologist: [signature]

SH HABITAT SURVEY

8/86

α - 16.7
+ 5.5

Observer(s) LANDRY SUNBERG 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

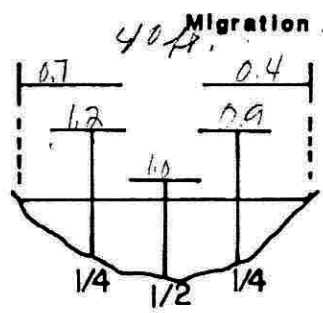
Water Q.: Muddy, Murky, Stained, Clear

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

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

Spawning 4
Rearing 5
Migration 4

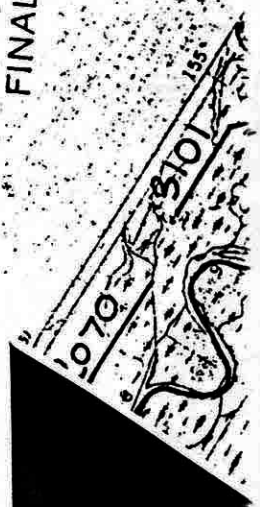
Flow: LOOKING UPSTREAM



V= 0.1 0.6 0.7 0.6 0.3

25% more flow in side channel

FINAL



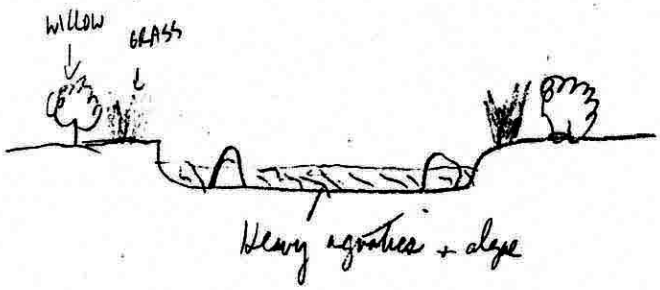
Fish Species

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

4°52'30"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

401000m E.

R 31 W. R 30 W

ILIME HILLS C-5

SWIFT

KCHCO
335-30-16600-2870

3119

3111

3107

4025

3107

4028

4032