84-388

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

____ Addition ✓ Deletion

Name of Waterbody (if known): (Hole-in-the-wall #2)

Location: T. 64S, R. 76 E, Sec 31

Anadromous Waters Catalog Volume and Number 105-41-10040
105-41-10040-2004
105-41-10040-2008

USGS 1:63,360 Quadrangle Petersburg

or 1:250,000 (if 1:63,360 not available) _____

Species	Date(s) Observed	Stage(s) (Spawning, Rearing, Migration)

Comments: Please provide any clarifying information. Also, please include a map of the area identifying the stream reach. This can be a copy of the map from the Anadromous Waters Atlas.

30 ft. bedrock chute with a drop of 15 to 20 ft. overall.

Unit # 60-16
J. Gruber, R. Stewart

Don Lowell, Habitat Div., Ketchikan

Name of Observer (please print) Bob Metzger

Date: 12/19/83 Signature: Bob Metzger

Drafted Lew 2/84

Address: USFS, Thorne Bay District
Ketchikan.

CMY 2/6/84

N.F.O.W.
S.O. (2 copies)
Al Young
Stan Swartz

FISH STREAM SURVEY

Date: 10/21/81

Camp: LAB BAY — Unit: 60-16

HOLE in the wall creek
Stream Catalogue #: 105-41-004 — Road: 5720

Quad Map: PETERSBURG B-5 — T 64 S R 76 E Sect 31 & 32

Chick Map: _____ T _____ R _____ Sect _____

SPECIES PRESENT	STAGE OF DEVELOPMENT
COHO - PINKS	Fry / ADULTS
STEELHEAD	Fry
DOLLY VARDEN	Fry

TYPE OF FISH HABITAT

Salmon Rearing	(Excellent)	Good	Fair	Sq. Yds.
Salmon Spawning	(Excellent)	Good	Fair	Sq. Yds.
Resident Rearing	(Excellent)	Good	Fair	Sq. Yds.
Resident Spawning	(Excellent)	Good	Fair	Sq. Yds.

Is future fish habitat enhancement possible? YES X NO

If so Describe: A SET OF FALLS/CHUTE ON STR. #1 IS A POSSIBLE BARRIER TO ANADROMOUS FISH. A SURVEY OF STR. #1 IS RECOMMENDED TO DETERMINE IF FISH PASSAGE WOULD BE COST EFFECTIVE ABOVE FALLS. J.D.G.

	YES	NO
Fish Present Above Road Crossing:	X	
Below Road Crossing:	X	
Within Unit Boundary:	X	
Below Unit Boundary:	X	

Fish stream(s) intersection(s) marked with Metal Tags: Road _____ Unit X

Fish stream(s) Flagged: BLUE/WHITE X ORANGE/WHITE X

Fish streams Traversed: YES _____ NO X

Traverse notes Attached: YES _____ NO X

Is Additional Parameter Information Necessary? YES _____ NO X

If so Describe:

STREAM TEMP.:

Methods used to determine presence of fish:

	Stream #	Date	#Fish	Species	Length	Gear	Time
BELOW FALLS	#1	10/21/81	35-40	ADULT PINKS	18" TO 30"	OBSERVED	—
	#1		2-3	ADULT COHO	18" TO 30"	OBSERVED	—
ABOVE FALLS	#1	10/21/81	2	DOLLY VARDEN	FRY	SHOCKED	10 MIN
	#1-A	10/21/81	10-15	COHO	FRY	OBSERVED	—

Pertinent Wildlife Information: BEAR SIGN OBSERVED ALONG STR. #1 & 1-A.

Comments: A STREAM SURVEY IS RECOMMENDED TO DETERMINE QUALITY AND QUANTITY OF SPAWNING/REARING HABITAT ABOVE FALLS.

Survey Crew Members:	Signature	Date
RUSS STEWART	Russell Stewart	10/28/81
JIM GRUBER	James D. Gruber	10/28/81

Report Reviewed By: Robert Metzger — Signature; Fish Biol — Title; 10/29/81 — Date

Recommendations:

Stream 1A and the lower portion (below the falls) of stream 1 require full salmon protection.

Stream 1 above the falls requires protection for resident sports fish.

See attached sheets for specific prescriptions.

24D

LAB BAY

Unit 60-16 — Jim Gruber

10-21-81 — Russ Stewart

Stream #1

Stream width approx. 20' to 25'

water Depth approx 2' To 4'

Substrate gravel and Rock

Habitat Salmon & Resident

Excellent Salmon & Resident Spawning & Rearing

(1) 5" Steelhead

(1) 4" coho

observed 30+/- pink Salmon carcass along stream bank. was double flagged at this point

Tagged and flagged B/W AND O/W ABOVE FALLS *

Tributary #1 A

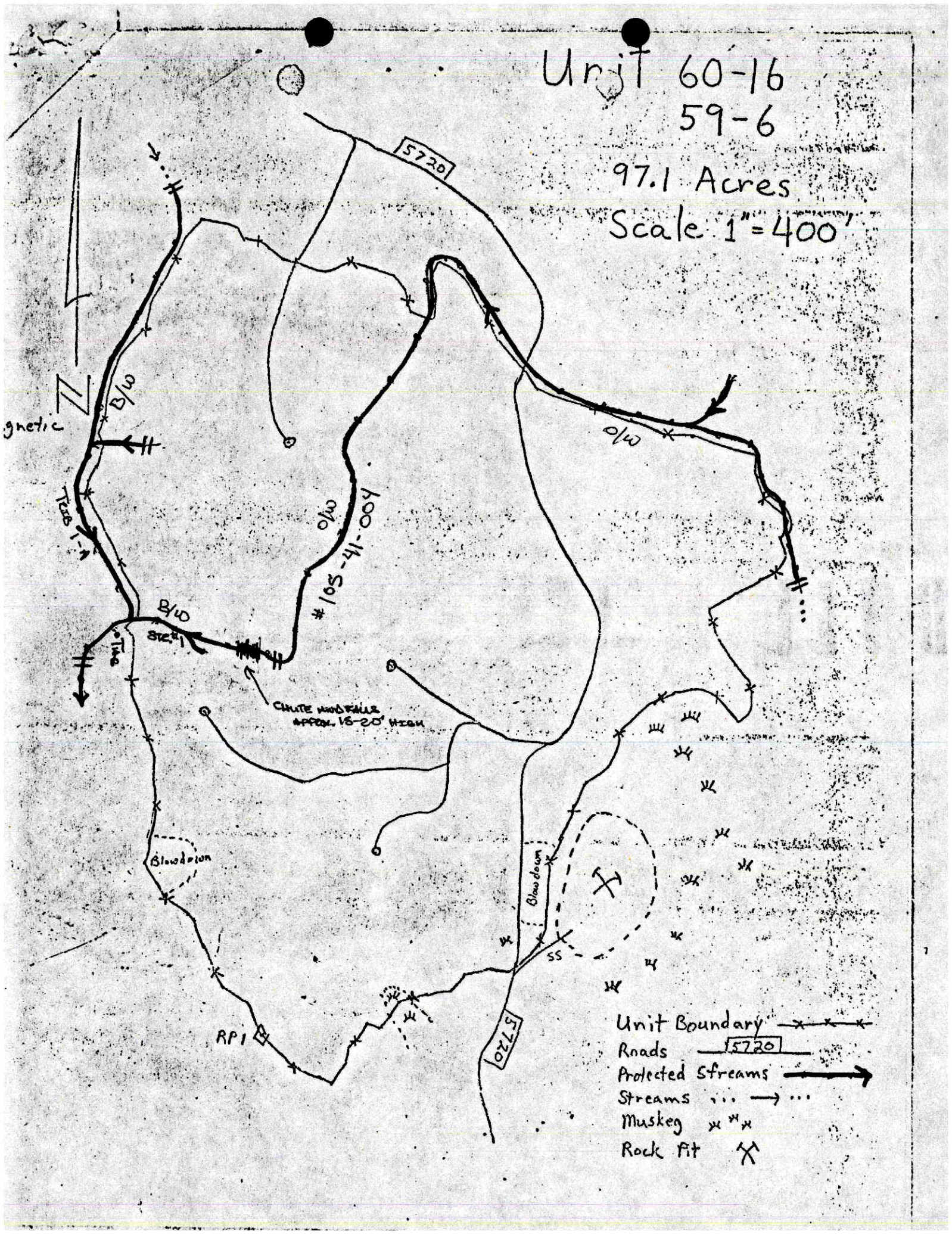
Stream width approx 5' to 6'

Stream depth approx 8" to 12"

Habitat - Salmon & Resident Rearing

flagged B/W

Note * A Falls and chute WAS OBSERVED WITHIN UNIT, WITH A 15' to 20' DROP AND 30' CHUTE. MAY BE BARRIER TO ANADROMOUS FISH. A STR. SURVEY OF STR. #1 IS RECOMMENDED.



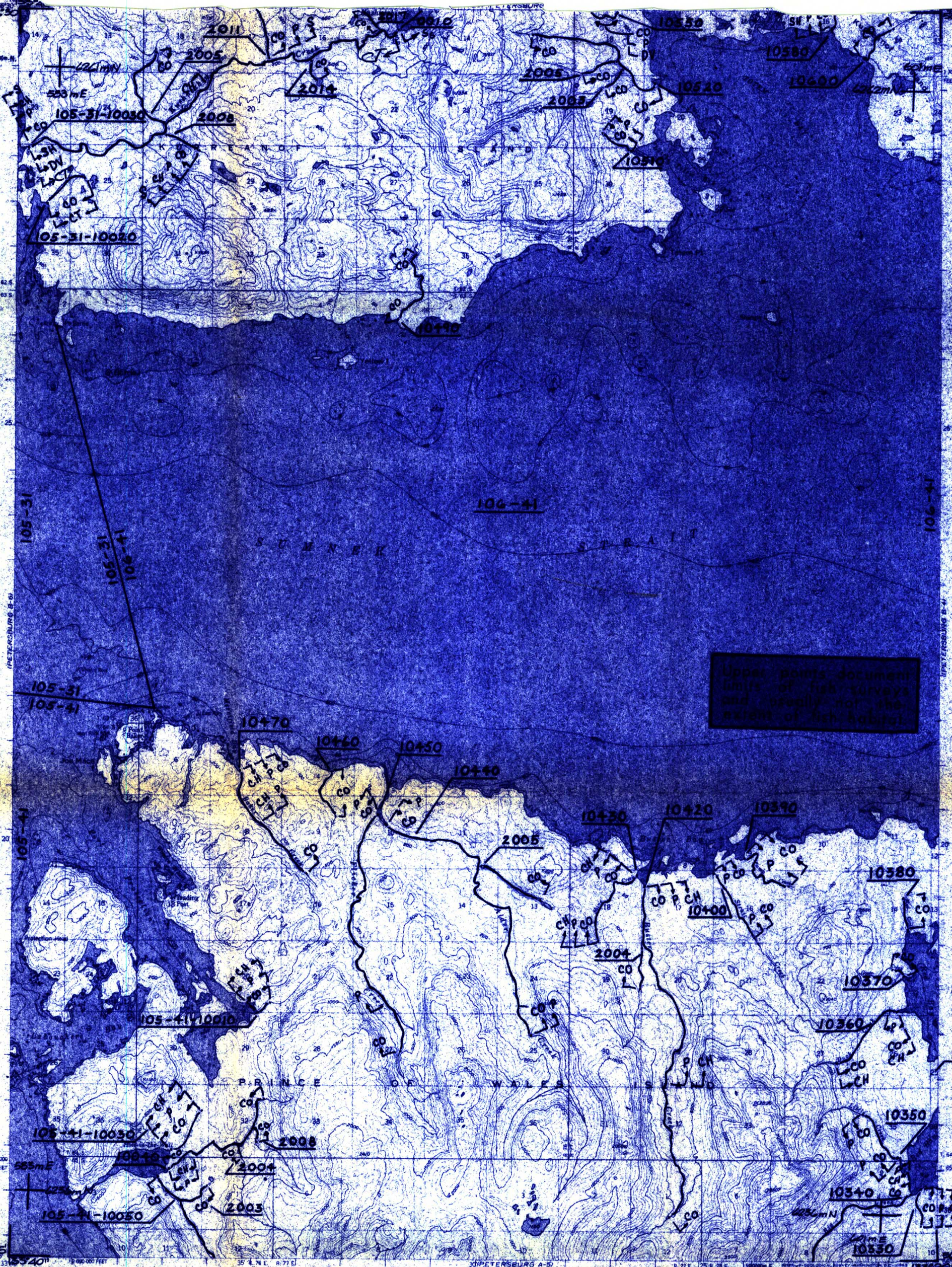
Unit 60-16
59-6
97.1 Acres
Scale 1"=400'
5720
B/W
Magnetic
Tree 1-A
B/W
Ste. #1
Tree
O/W
#105-41-004
O/W
CHUTE MINDFALLS
APPROX. 15-20' HIGH
Blowdown
Blowdown
SS
RP1
5720
Unit Boundary
Roads 5720
Protected Streams
Streams
Muskeg
Rock Pit

Unit 60-16
10-21-81
Stream # 1 upper
Stream width 20' to 25'
Water Depth approx 5' to 6'
Substrat gravel and Rock
Habitat Salmon and Resident
Excellent spawning and Rearing
1-5" Steelhead
1-4" coho
observed 12 pink salmon carcass along stream bank
was double flagged at this point
Tagged and flagged B/W & O/W
Tributary # 1
length 115 feet
width 5' to 6'
depth 3" to 5"
Habitat Salmon and Resident Rearing
flagged B/W.

Note * A fall and chute
15' to 20' drop and also chute
May also be possible fish barrier
to pink Salmon, also above
falls Excellent spawning
1-4' Dally warden
above fall should be checked
april or may
stream width 20' to 30'
water depth 4 to 5'
flagged O/W observed B/W
along stream bank
see map
Jim Gruber

Russ Stewart

89-381



Upper points document limits of fish surveys and usually not the extent of fish habitat.

PLA 10/81

RT. 10/81
BL.
MR USFS 9/16/81

Mapped, edited, and published by the Geological Survey

Control by USC&GS

Topography by photogrammetric methods from aerial photographs taken 1948. Field annotated 1949. Map not field checked.

Selected hydrographic data compiled from USC&GS Charts 8168, 8174 (1:20 000-scale) 1961, 8201 (1:217, 828-scale) 1951, and H-4763 (1:20 000-scale) 1927. This information is not intended for navigational purposes.

Universal Transverse Mercator projection, 1927 North American datum. 10 000-foot grid based on Alaska coordinate system, zone 1. 1000-meter Universal Transverse Mercator grid ticks, zone 8, shown in blue.

Land lines represent unsurveyed and unmarked locations predetermined by the State of Alaska, Division of Lands, Copper River Meridian.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1949

CONTOUR INTERVAL 100 FEET
DOTTED LINES REPRESENT 50-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET - DATUM IS MEAN LOWER LOW WATER
THE GREEN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 21 FEET

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

ALASKA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Trails

PETERSBURG (B-5), ALASKA
N5615—W13320/15X20
1949
MINOR REVISIONS 1963

MAP NO. B-5 OF 6

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
C	Cutthroat Trout

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

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

COMP.	DRC
DRAWN	CG
REVISED	DRC
APPROVED	ERL
DATE	4-82
FILE NO.	

N

SCALE
1" = 1 MILE
1 : 63,360

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

MAP TITLE
PETERSBURG B-5

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

BY	DATE
BB	3/1/83
REVISIONS	