FINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUMDUM (A-4) QUADRANGLE
ALASKA
1:63,360 SERIES (TOPOGRAPHIC)

133°20'
57°15'
133°00'
57°15'

83-956

110-34-10005 80

SH CT DV CO P CH

110-15-10030

10160 050

10090 10

10070

10050 8

10210 0

10050 90

10010 0

10050 4

110-14
110-13
110-15
110-13
110-16

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

110-13
110-11

57°00'
133°20'
57°00'
133°00'

Scordelis
10/81

GC
JW
SS
DES
10/81

10/81
RT

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1948. Field annotated 1951. Map not field checked.

Selected hydrographic data compiled from USC&GS Charts 8301 (1:80,000) (1:2,828,800 at 57°) 8210 (1:96,000)

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 3
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.

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

Entire land area within the Tongass National Forest

294° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1951

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 17 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

ROAD CLASSIFICATION
Trails

QUADRANGLE LOCATION

SUMDUM (A-4) ALASKA
1951

MAP NO. A-4 OF 9

LEGEND

		Subscript
S	Sockeye Salmon	s - Known Spawning
K	King Salmon	r - Rearing
CO	Coho Salmon	* m - Migration
P	Pink Salmon	
CH	Chum Salmon	* Migration upstream is assumed for stream reaches where anadromous fish occur.
SH	Steelhead Trout	
DV	Dolly Varden	
AC	Arctic Char	
SF	Sheefish	
W	Whitefish	
C	Cutthroat Trout	

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

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
SUMDUM A-4

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

BY	DATE
REVISIONS	