GEOLOGIC RECONNAISSANCE
MAP OF
PRINCE WILLIAM SOUND, ALASKA
SHOWING THE DISTRICT FROM THE COPPER RIVER DELTA TO RESURRECTION BAY
BY U. S. GRANT AND D. F. HIGGINS
Scale 1/250,000
5 0 5 10 15 Miles
5 0 5 10 15 Kilometers
1909
Base map compiled from charts of the United States Coast and Geodetic Survey and from maps of the United States Geological Survey, supplemented by field traverses by the authors. Geology for the districts north of Seward and east of Valdez from published reports of the United States Geological Survey
LEGEND
SEDIMENTARY ROCKS
MESOZOIC
Orca group
PALEOZOIC
Valdez group
Undivided; mainly slates and graywackes with smaller amounts of conglomerates and greenstones
Mainly slates and graywackes
Greenstones (largely surface flows), slates, graywackes, and conglomerates
Graywackes and slates. Includes, about Seward and northward, the Sunrise "series," which is probably mostly Valdez with some Orca
IGNEOUS ROCKS
Acidic dike
Granites
Basic intrusives; diabases and gabbros
Amphibolite schists
Copper mine or prospect with extensive developments
Copper prospect
Gold prospect
Antimony prospect
ENGRAVED AND PRINTED BY THE U.S.GEOLOGICAL SURVEY
149°40′
20′
149°00′
40′
20′
148°00′
40′
20′
147°00′
40′
20′
146°00′
40′
20′
145°00′
61° 20′
61° 00′
40′
20′
60° 00′
59° 40′
C H U G A C H MTS
Probably Valdez
Probably Orca
P R I N C E W I L L I A M S O U N D
PACIFIC OCEAN
K E N A I P E N I N S U L A
M O N T A G U E I S L A N D
MONTAGUE STRAIT
BLYING SOUND
Turnagain Arm
Hope
Bird Pt
Snipers Pt
Sunrise
Resurrection Cr
Bear Cr
Palmer Cr
Indian Cr
Bird Cr
Glacier Cr
Crow Cr
Twentymile R
Portage Cr
Portage Gl
Glacier R
Bartlett Gl
Sixmile Cr
Canyon Cr
East Fork
Granite Cr
Quartz Cr
Wolverine Cr
Seattle Cr
Sawmill Cr
Slate Cr
Gulch Cr
Alder Cr
Highland Cr
Island Cr
Willow Cr
Caribou Cr
Pass Cr
Silvertip Cr
Lynx Cr
Divide Cr
Bench Cr
Fresno Cr
Colorado Cr
Junior Cr
Mills Cr
Summit Cr
Slate Cr
Fox Cr
Quartz Cr
Devils Cr
Johns Cr
Fairman L
Moose Pass
Moose Cr
Johnson Cr
Trail Cr
ALASKA NORTHERN R R
GOVERNMENT TRAIL
WAGON ROAD
Lost L
Carter Cr
Mt Madson
Grant L
Trail Lakes
Stevenson Cr
False Cr
MILE 24
Ptarmigan Cr
Ptarmigan L
Kenai Lake
Vicory Cr
Sheep Mtn
Snow R
Grouse L
Salmon L
Lakeside Roadhouse
Salmon Cr
Resurrection R
Ellsworth Gl
Godwin Gl
Godwin R
Seward
Seward Cr
Lowell Pt
Resurrection Bay
Thumb Cove
Likes Cr
Safety Cove
Anchor Cove
Caines Head
Bear Glacier
Sunny B
Day Harbor
Driftwood Bay
Renard I
Hive I
Rugged I
Barwell I
Cape Resurrection
Agnes Cove
Cheval I
Pilot Rock
Aialik Bay
Chat I
Cape Aialik
C Mansfield
Whidbey Bay
Johnstone Bay
C Fairfield
C Junken
Excelsior Gl
Puget Gl
Puget Bay
C Puget
Tiger Gl
Bainbridge Gl
Port Bainbridge
Pt Waters
Bainbridge Passage
Bainbridge I
Hogg Bay
Pt Pyke
Swanson Bay
Procession Rocks
Pt Elrington
Prince of Wales Passage
Hoodoo I
Elrington Passage
Elrington I
Latouche Passage
Latouche I
Latouche
BONANZA MINE
Sleepy Bay
Pt Grace
Wilson Bay
Bettles I
Horseshoe Bay
Danger I
Pt Woodcock
Macleod Harbor
Pt Bryant
C Cleare
Hanning Bay
Wooded Is
Green I
Gilmour Pt
Port Chalmers
Wilby I
Stockdale Harbor
Graveyard Pt
Montague Pt
Rocky Bay
Middle Pt
Zaikof Bay
Zaikof Pt
Seal Rocks
Wessels Reef
Rock
Cascade Gl
Mt Gilbert
Serpentine Gl
Mt Muir
Surprise Gl
Detached Gl
Baker Gl
Barry Gl
Coxe Gl
Mt Emerson
Barry Arm
Harriman Fiord
Pt Doran
Toboggan Gl
Cataract Gl
Roaring Gl
Wedge Gl
Harriman Gl
Bettles Bay
Bettles Gl
Billings Gl
Pigot Gl
Seth Gl
Pigot Bay
Passage Canal
Pt Decision
Pt Pigot
PORT WELLS
Pt Pakenham
Blackstone Bay
Blackstone Gl
Pt Cochrane
Cochrane Bay
Culross Passage
Culross I
Pt Culross
Applegate I
Perry I
Cotterell Gl
Taylor Gl
Claremont Gl
Port Nellie Juan
Tolling Gl
Contact Gl
Kings R
Nellie Juan R
Nellie Juan Gl
Ultramarine Gl
Blue Fiord
McClure Bay
Eshamy Bay
Granite Bay
Paddy Bay
Ewan Bay
Dangerous Passage
Jackpot Bay
Chenega I
Chenega
Princeton Gl
Nassau Fiord
Cheneya Gl
Icy Bay
Whale Bay
Pleiades Is
Pt Countess
Pt of Rocks
Gage I
Shelter Bay
Bishop Rock
Knight Island Passage
Squire I
Long Channel
Knight I
Herring Bay
Lower Herring Bay
Johnson Bay
Drier Bay
Copper Bay
Mummy Bay
Snug Harbor
Hogan Bay
Little Bay
Pt Helen
Hubbard Ldg
Marsha Bay
Northeast Cove
Barnes Cove
Rua Cove
Bay of Isles
Passage Pt
Lower Passage
Louis Bay
Disk I
Ingot I
Pt Eleanor
Eleanor I
Crafton I
Smith I
Seal I
Radcliffe Gl
Baltimore Gl
Harvard Gl
Smith Gl
Bryn Mawr Gl
Vassar Gl
Wellesley Gl
Barnard Gl
Holyoke Gl
College Fiord
College Pt
Yale Gl
Ranney Gl
Baby Gl
Dartmouth Gl
Meares Gl
Brilliant Gl
Pedro Gl
Miners Lake
Miners R
Coghill R
Coghill Lake
Williams Gl
Amherst Gl
Crescent Gl
Unakwik Pk
Jonah Bay
Unakwik Inlet
Avery R
Tommy Gl
Siwash Bay
Eaglek Gl
Eaglek Bay
Esther Passage
Esther I
Rock
Baldhead Chris Is
Axel Lind I
Dutch Group
Lone I
Pt Pellew
Kiniklik
Olsen I
Fairmount I
Wells Bay
Cedar Bay
Long Bay
Heather I
Columbia Gl
Columbia Bay
Jackson Hole
Glacier I
Jackson Cove
Chamberlain Bay
Finski Bay
Storey I
Peak I
Naked I
Mt Freemantle
Pt Freemantle
Shoup Gl
Shoup Bay
CLIFF MINE
Gold Cr
Mineral Cr
Annin Gl
Sawmill Bay
Valdez Narrows
Entrance I
Port Valdez
Swanport
Fort Liscum
Solomon Gulch
Jack Bay
Valdez
Valdez Gl
Robe L
Lowe R
MILITARY ROAD
Comfort Roadhouse
Keystone Canyon
Corbin Gl
Wortmanns Roadhouse
Dutch Flat
Heiden Canyon
Thompson Pass
Ptarmigan Cr
Ptarmigan Drop Roadhouse
Worthington Gl
Tsina River
TELEGRAPH LINE
Beaverdam Roadhouse
Tiekel Roadhouse
Tiekel River
Marshall Pass
Tasnuna R
Silver Gl
Silver L
Duck R
Rocky Pt
Galena Bay
Tatitlek Narrows
ELLAMAR MINE
Ellamar
Busby I
Busby Bay
Tatitlek
Boulder Bay
Copper Mtn
Landlock P.O.
Mt Denson
Bligh I
Cloudman Bay
Copper Mtn Pt
Landlocked Bay
Graveyard Pt
Fish Bay
Port Fidalgo
Whalen Bay
Irish Cove
Two Moon Bay
Snug Corner Cove
Porcupine Pt
Goose I
Gull I
Knowles Head
Hells Hole
Red Head
St. Matthew Bay
Olsen Bay
Dead Cr
Gravina R
Beartrap Bay
Pershas Settlement
Comfort Cove
Port Gravina
Gravina Rocks
Gravina I
Pt Gravina
Sheep Bay
Sheep Pt
Simpson Bay
Bomb Pt
Observation I
North I
Salmo Pt
Hunchback Cr
Knot Pt
Orca Inlet
Orca
Kelly Mtn
Snyder Mtn
Shephard Gl
Scott Gl
Beck Cr
ORCA BAY
Windy Bay
Cedar Bay
Spike I
Cordova
Eyak Lake
Eyak River
Bear L
Sheridan Gl
COPPER RIVER AND NORTHWESTERN R R
McKinley Lake
Alaganik Sta
Copper River Delta
Glacier River
Alaganik Slough
Pete Dahl Slough
Castle I Slough
Middle Ground Shoal
Makaka Pt
Canoe Passage
Hawkins Island
Hawkins Island Cutoff
Mummy I
C Whitshed
Pt Bentinck
Egg Is
Johnstone Pt
Shelter Bay
Hinchinbrook Island
Constantine Harbor
Bear Cape
Nuchek
Porpoise Rocks
Port Etches
Mosquito Bight
Boswell Bay
Strawberry Hill
Pt Steele
English Bay
Signal Mtn
HINCHINBROOK L.H.
C Hinchinbrook