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′
CHUGACH MTS
Probably Valdez
Probably Orca
PRINCE WILLIAM SOUND
KENAI PENINSULA
PACIFIC OCEAN
BLYING SOUND
MONTAGUE ISLAND
MONTAGUE STRAIT
ORCA BAY
PORT WELLS
KNIGHT I
Turnagain Arm
Hope
Bird Pt
Snipers Pt
Sunrise
Twentymile R
Portage Cr
Portage Gl
Passage Canal
Bartlett Gl
Blackstone Gl
Blackstone Bay
Moose Pass
Kenai Lake
Mt Madson
Sheep Mtn
Resurrection R
Seward
Resurrection Bay
Lowell Pt
Caines Head
Bear Glacier
Renard I
Hive I
Rugged I
Barwell I
Cape Resurrection
Day Harbor
Ellsworth Gl
Excelsior Gl
Whidbey Bay
C Mansfield
Johnstone Bay
C Fairfield
C Junken
Puget Bay
C Puget
Pt Elrington
Aialik Bay
Agnes Cove
Cheval I
Pilot Rock
Chat I
Cape Aialik
ALASKA NORTHERN R R
GOVERNMENT TRAIL
Harriman Fiord
Barry Arm
College Fiord
Port Nellie Juan
Culross I
Esther I
Unakwik Inlet
Wells Bay
Long Bay
Columbia Gl
Chenega I
Knight Island Passage
Latouche I
Bonanza Mine
Green I
Naked I
Smith I
Seal I
Port Valdez
Valdez
Valdez Gl
Fort Liscum
Swanport
Thompson Pass
Tiekel River
Tasnuna R
Ellamar
Copper Mtn
Landlock P.O.
Tatitlek
Bligh I
Port Fidalgo
Port Gravina
Hawkins Island
Cordova
Orca
Eyak Lake
Copper River Delta
Alaganik Sta
COPPER RIVER AND NORTHWESTERN R R
Hinchinbrook Island
Nuchek
C Hinchinbrook
C Whitshed
Pt Steele
C Cleare
Seal Rocks
Wessels Reef