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C. & G. SURVEY,
BRARY AND ARCHIVES
DEC 20 1909
Acc No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

C. H. Tittmann
Superintendent.

State: _____

DESCRIPTIVE REPORT.

Topographic Sheet No. *2971*

LOCALITY:

Prince William
Sound, Lower Passage
to Pt. Eleanor

1909

CHIEF OF PARTY:

G. J. Rude

2971

Description Report
to accompany
Topographic Sheet Number 2971
Kunigut Id., Alaska.
Steamer Taku, 1909.
Scale 1,20,000

Gilbert T. Rude
Chief of Party

V. M. Trueblood
Topographer.

Control:

The shoreline and topography are controlled by triangulation stations determined by a former survey and furnished by the Office with the projection; stations: Mausin, Flower, Bird Rock, Parrot, Tuft and Storm. Station Eleanor on the north end of Eleanor Island could not be found.

Method:

The shoreline was run with a plane table and signals determined at the same time for hydrographic use. The prominent peaks and crests were determined as to position and elevation by plane table intersections and the contours sketched from the shore.

Minerals, Woods and Other Resources:

The North end of Stought Island is wooded to an elevation of from five hundred to fifteen hundred feet, but with a poor quality of spruce. The smaller islands to the north (Disk, Sugar and Eleanor Islands) are wooded to an elevation of from four hundred to eight hundred feet and the crests of the islands are green, seemingly covered with a green moss.

At one time there was a serviceable sawmill in Louis Bay, run by a "home-made" water wheel. This is rapidly falling into decay and ruin.

There was no sign of minerals nor of prospecting on the small islands mentioned above. In Louis Bay there is a copper prospect and some development work has been done, but the camp has now been abandoned and the small electric plant, together with the other small buildings, are falling in ruin.

No salmon streams were noted except a small one at the head of the Long Arm of Louis Bay where a few salmon go up to the small lakes to spawn.

There are no towns nor settlements except the abandoned camp in Louis Bay.

Shoreline:

The shoreline is rocky, in some places composed of a rounding slope and in others of steep cliffs. This ^{latter} feature presented no difficulties to the topographer as the plane table could, in most cases, be set up on one of the many detached boulders or on a ledge on the side of the cliffs. The only difficulty experienced by the topographer was in making turns at the rounding points where no signals were in sight for orientation. Where possible in these cases the traverse line was dropped and brought up from another direction.

Names:

The following names were taken from a Geological Survey Publication: Dick, Ingot and Eleanor Islands. The following are local: Louis Bay, Lower Passage, Upper Passage and Passage Point. The following were supplied by the party of 1909: Long Arm and Short Arm of Louis Bay (Description), Foul Passage (Description), Dragon Point (From its form), Sphinx Island (Because of a prominent rock on its northwest shore which has the exact appearance of a

sphinx, signal Sphinx), Entrance Island (in the entrance to Upper Passage), Block Island (It almost completely blocks Upper Passage), Gull Head Cove (From its resemblance to a gull's head), Northwest Bay (Because it is the most northwesterly of the bays on the Straights Island Group), East and South Arms of Northwest Bay (Descriptive), Flower Rocks, east of Eleanor Island and north of Sphinx Island, (So named in the description of a triangulation station furnished by the office, probably Δ Manpin).

Respectfully submitted,
Gilbert J. Rude,
Chief of Party.