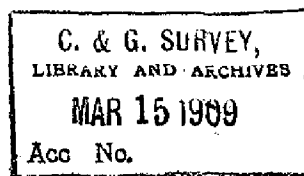


2918



Department of Commerce and Labor
COAST AND GEODETIC SURVEY

A. Tittmann
Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Topographic Sheet No. *2918*

LOCALITY:

*Prince William Sound,
Knight Island, Fager
Bay to Little Bay*

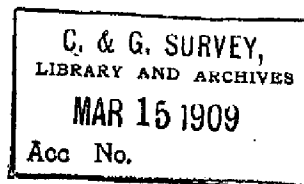
1908

CHIEF OF PARTY:

Gilbert T. Rude

2918

2918



Descriptive Report

to

accompany Topographic Sheet No. —

*Hogan Bay to Mummy Bay,
Knight Island, Alaska.*

*Chief of Party
Topography by*

1908.

*Gilbert J. Rude
Colvin R. Hand.*

Scale $\frac{1}{20,000}$

Method of Survey.

This work was done by plane table traverse, beginning at Helen, orienting on Grace, and was run to the northward toward Hogan Bay and to the westward toward Mummy Bay. To the northward the work was carried to the north point at the entrance to Hogan Bay, beyond which it was impossible to work so late in the Fall on account of the surf along the shore, caused by the continued N.E. wind.

Conspicuous mountain tops were located by intersections, heights determined and 100 foot contours sketched.

General Character of Coast:

The shoreline is composed of rocky cliffs from 10 to 20 feet

in height with short stretches on sand or shingle beaches at intervals. From Point Helen to Hogan Bay there is a continual stretch of sand and shingle beach.

Towns:

There are no towns within the limits of the topography but the country is all prospected and staked for copper.

Mountains.

The interior is mountainous, heights ranging from 1000 to 2000 feet. The most conspicuous summits were located by plane table intersection and the heights determined. The sides of the mountains are wooded and the summits are in most cases bare or covered with green moss.

Islands:

There are no islands within the limits of the work.

Bays:

Hogan Bay is important only that there is a copper prospect on its south shore which bids fair to become

a valuable mine.

As yet there is nothing of importance in Little Bay, the local name for the small bay on south coast Knight Island.

Rivers:-

There are no rivers within the limits of the work.

Names:-

The names on the sheet are local.

Prominent objects:-

Iron Mountain, north of Hogan Bay, is the only prominent object worth mentioning. It is easily identified, its summit having a pyramidal form.

Timber and Natural Resources:

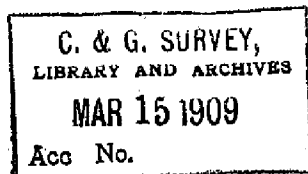
The country within the limits of the work, except summits of mountains, is heavily wooded with spruce timber of poor quality.

The whole area is staked for copper, but as yet no development work has been started except in Hogan Bay.

Limits of sheet:

The work extends from signal ditch, described in description of stations, to signal dent, an old dead tree leaning out over the low cliff.

Respectfully submitted,
Gilbert T. Vander,
Chief of Party.



List of Topographic Stations
to
accompany Topographic Sheet No. —
Hogan Bay to Manning Bay
Knights Island, Prince William Sound,
Alaska,
1908.

Elbert J. Rudy

Chief of Party.

<i>Name</i>	<i>Q</i>	<i>M.</i>	<i>λ</i>	<i>M.</i>	<i>Description</i>
<i>Camp</i>	<i>60° 10'</i>	<i>1583</i>	<i>147° 50'</i>	<i>216</i>	<i>Center of rock</i>
<i>Rip</i>	<i>60° 09'</i>	<i>72</i>	<i>147° 46'</i>	<i>482</i>	<i>Extreme end sharp rocky point.</i>
<i>Stack</i>	<i>60° 11'</i>	<i>386</i>	<i>147° 45'</i>	<i>559</i>	<i>Stack of Power House at Copper Mine</i>
<i>House</i>	<i>60° 12'</i>	<i>6</i>	<i>147° 46'</i>	<i>194</i>	<i>Door of small house.</i>
<i>Lick</i>	<i>60° 11'</i>	<i>1387</i>	<i>147° 44'</i>	<i>150</i>	<i>See attached description.</i>

1908

Edwin J. Rader

Chief of Party.

Description of Lick.

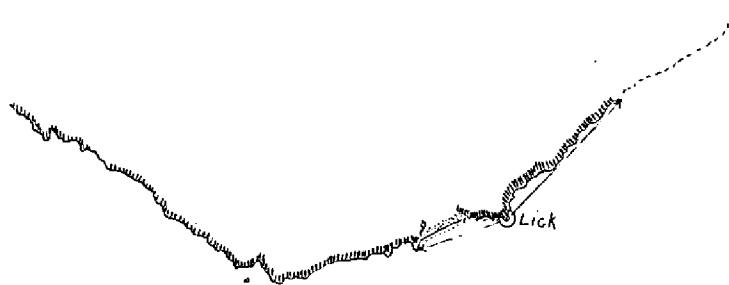
Signal Lick (Topographic station) is located on the north point at the entrance to Hogan Bay, King Is. Island, Alaska.

This station can be occupied only at low water and is not marked by a bolt or other mark. Occupying it at low water, place the table on the ledge of rock, covered at H. W., so as to see the two points indicated on sketch by red arrows and the table will be in position occupied by party of 1908. This ledge, covered at L. W., is so small that the table cannot be placed out of position, if the points, indicated by red arrows, can be seen with alidade.

On top of the 10 or 15 foot cliff, above and to the south-westward of station, a large triangle was cut on a large spruce tree leaning out over bank.

Party of 1908 whitewashed cliff back of and to northward of station.

Knight Island.



Hogan Bay.

