U.S. COAST AND GEODETIC SURVEY.

M. M. Thorn, Superintendent.

State: Wash. D.C.

DESCRIPTIVE REPORT.

Topographic Sheet No. 1797.

LOCALITY:

Rosario Strait;
Lummi and Eliza Islands and Point Frances.

1887.

CHIEF OF PARTY:

J. J. Gilbert.
Descriptive Report

Sheet No. 8. Lummi and Eliza Islands Point Francis
Wash. Terr.

This sheet embraces both shores of Lummi Sl. as far North as Village Point, on the West side, and Lummi N.E. on the East, also all of Eliza Sl. Pt- Francis, and the East Shore of Hales Passage, also Viti, Lummi and Eliza Rocks.

The shores of Lummi Sl. are rock, as far North as A Rock Pile in Hales Passage, and on the West side to a point just above of Rock Pile. This south end of the island is one great hill or mountain of rock, a homogeneous rock, much of slate, most of its contains some iron, it is very heavy, quite hard, and fractures easily when struck.

On the 41st parallel, on both shores of the island the rocks show a slate formation, and the same crops out on the summit of the mountain, at an altitude of 1500 feet, about 1½ miles further South.

Lummi Mountain, which is well represented in the accompanying sketches, is precipitous on the S.E. face, too steep for ascent on that face, A conspicuous land mark is a rock slide just East of Lummi Rocks.

The whole Mountain is composed of cliffs, ridge...
and knolls of rock, the surface covered everywhere with fragments of all sizes. It is covered with fir timber wherever the roots can find soil.

Northward from a rock pile the shores are bluff, clay and gravel, until the first point North of the harbor is reached, where they are sandstone, nearly to the limit of the cheat. On the left, or east, they are also clay and gravel, except one rocky point at S.E. of the anchorage under Village Point. This portion of the island is low compared with the south part, it is rolling and covered with fir forest, which has been perceptibly thinned by logging.

There are half a dozen settlers on the island. Eliza Island is rocky at ex. Marine Point, and around the south end, and was visited me on the way from. The balance of the island is clay and gravel. It has no fresh water, and belongs to Mr. Eugene Canfield, who has there a chicken raising.

Point Francis is Crescent shaped, with a high clay bluff around the outer bend of the Crescent. It is part of the Rimini Indian reservation, and several small Indian clearings are upon it. Along some gravel spits makes off from the N. point of the island, I saw here at no other name for
the Island near St. Francis.

At half tide St. Francis is connected with the Island opposite. The two spits at high tide being only about 50 Metres apart. Of this Island formed by the waters of Summi Bay, Felix Passage, Bellingham Bay, and the two mouths of the Nooksack. No one seems to know any name. Most of it is included in the Summi Indian reservation. It is mostly rather low land. Clay, sand, and gravel, from which most of the fir timber has been removed by forest fires, while a dense growth of Alder and maple has sprung up. For the purposes of distinguishing this Island, I shall, in these reports, designate it as Indian Island.

Summi Rocks, are illustrated in Sketch No. 1. These Rocks are bare, and so arranged that there is a snug anchorage and harbor, for small vessels opening to the North; there are submerged rocks around the South point; but quite near the principal rocks; at high tide there are three principal rocks, but all are connected at low water. Viti Rocks rise dune 50 ft. There is one principal rock, and at low tide two other patches of rock to stop the nearer one shows above tides.
Elija Rock is a low islet, nearly round, since forty meters across, - it is only eight to ten feet above tides.

The only running water on these islands is on Lummi Isl. - There is a nice stream, a little cascade, in Reid's Harbor, during the rainy season, in summer or fall it is only a trickling stream.

There is a good stream, not large in the height, at parallel 41', on the E. side of Lummi. - He other streams live after the dry weather commences.

Danger. - There is an extensive reef just, N.W. from A Reef Pt. - It is only about 80 m. from the shore, but being off a point, would be liable to pick up a steamer following close along shore, it is awash at half tide, and unlike most reefs it is not marked by kelp. The water outside is bold.

Off S Shallow the shoal makes out a long distance, and a vessel unacquainted with it, would be liable to run aground at high or half tide. - It is shoal all around the S. face of Pt. Francis, as far as to A Francis.

There is a reef, marked with kelp, off the
Entrance to Reils Harbor, liable to pick up a vessel entering the harbor from the north.

It is shoal off the N. End of Eliza Is., to W.

Anchorage. There is a good harbor and anchorage on the E., of Eliza Island, deep in the light.

Mud bottom, steep shingly beach.

There is a small harbor and good anchorage between the Lummi Rocks. Entering from the north.

Reils Harbor is thoroughly protected with good anchorage. Its Indian name is Hicks-pe-Slaaken.

In the light north of a Halo, is protection and anchorage for small vessels. It is known as Snuggles Cove, and its Indian name is Ma-men-pe-Slaaken.

There is anchorage in the light north of a Rock Pile.

There is good anchorage, and protection from S. E. winds in the light S. E. from a Village Point.

The Indian name of the Island known as Pt. Frances is Skul-kick-sick.

The Indian name of Lummi Is. is Smuu-ma-nek.

The Indian name of the south where a witness is located is Tou-wich-zen.

Nine sketches accompany this report.

Sketch No. 1 represents Lummi Rocks, and is taken from
Gummi Id. Looking west.

Sketch No. 2. Entrance to Cale. Elija & Gummi Ids. and
Mt. Constitution.

Sketch No. 3 is the View of False Passage, taken from
Dale.

Sketch No. 4 is from D Inlet, looking S.E.

Sketch No. 5 is from A Rock Pile, looking across the Passage.

Sketch No. 6 is from D Village Pt. looking S.E.

Sketch No. 7 is from the top of Gummi Rocks looking South,
Point of Rocks in foreground.

Sketch No. 8 is from near the North End of Elija Id.
looking S.W. - Point of Elija Id. - (Grave Spit) at left.

Sketch No. 9 is from the N. End of Elija Island
looking through False Passage. The bluff on Pt.
Frances is well represented.

These sketches were made by my midrider, Mr.
J. H. Gilbert, and are all remarkably faithful and
accurate.

J. H. Gilbert
Assist. Capt. Survey
VIEW FROM S.E. END OF LUMMI.

NORTH END OF ELIZA E. 3/4 S. (COMPASS)

S.E. END OF LUMMI ISLAND

LOOKING FROM ELIZA E. 3/4 S.

Sheet No. 5, No. 8
Lummi Mt. as seen from the NW shore of the island.

S.E. End of Lummi Island

Sheet No. 5, Vol. 5
S.E. END OF LUMMI ISLAND
Looking South Dale, 18