U.S. COAST AND GEODETIC SURVEY.

J.M. Thorne, Superintendent.

State: Maine.

DESCRIPTIVE REPORT.

Topographic Sheet No. 1669.

Locality: St. Croix River.

1854.

Chief of party: Chas M. Bache.
Of Topographical Sheet entitled "Right Bank of St. Croix River Me., from Devil's Head to Mill Cove."

The Topography of this sheet lies along the St. Croix River Me. It consequently borders inland water, which might properly be deemed an arm of Paramagueddy Bay.

The Country is hilly; the rock formation consists of primary granite, syenite, & of silurian sandstone & conglomerate. Here and in all places where the Paramagueddy deposits appear on the surface the hills are low, rounded. This peculiarity is of course due to the age & the consequent length of time during which they have and been exposed to the eroding forces of nature.

The only noteworthy feature is the so-called Red Granite, which occurs some distance above Brooks Cove. This rock is a syenite, the red color of which is due to impurities in the constituent feldspar. It is quarried, cut, polished & shipped in large quantities from this vicinity & makes one of our most beautiful building stones.

The evidence of glacial action was very marked; these comparatively recent scarpings on the hard compact rocks
The wood appears, in many instances, to have suffered any obliteration since they were made.

Robbinston is the only village on that part of the coast that I surveyed, viz. From Brooks Cove to Mill Cove.

It is to a very slight degree a summer resort. The fishing is said to be good. It operates 2 sardine factories. No other occupation seems to be pursued by the people except some slight cultivation of the soil.

The hay crops are remarkably abundant.

The shores generally terminate in cliffs close to high water.

That portion of the beach between high & low water is covered by sand & broken stones, while in numerous places there are outcroppings of solid ledges.

The proportion between the wooded and the cleared area, I should judge, was two to one in favor of the former.

The original forest growth has in former years been cut off & worked up into lumber. There are very few of the original trees left. The second growth is however quite large and in probably not used for lumber owing to the fact that elsewhere the larger growth can be procured & rendered profitable.

The head of the river is at Calais, to which town a
Steamboat pier from Portland - A main road follows the bank of the river between these two places. The roads are good, but it is seldom that the level stretches one of any length.

At Calais there is a fine water par also at Red Beach. Minor water powers occur but owing to the decline of the number of saw mills are but little used.

No forts that I know of occur on the river nor any bridges until Calais is reached when a bridge connects that town with the Canadian town of St. Stephen.

Continuing the country is difficult for the reason that one custom in many cases has little influence in shaping the contiguous one.

The tide rises to about the extent of 18 ft. I reach Calais.

There are few stone fences, but wooden fences prevail.

The river is only navigable as far as Calais.

The principal traffic on the river is lumber.

The towns are mixed, deciduous I encourage the former predominating.

Respectfully,

[Signature]

[Date]