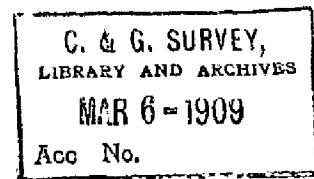




2904



Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittmann
Superintendent.

State: *New Hampshire*

DESCRIPTIVE REPORT.

Topographic Sheet No. *2904*

LOCALITY:

Great Bay

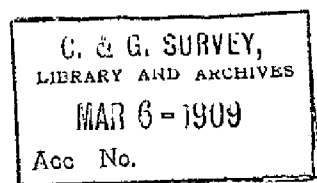
190*8*

CHIEF OF PARTY:

S. B. Hinckley

2904

2904



Descriptive Report of
GREAT BAY, N.H.

Exeter River — Adams Pt.

Aug - Sept, 1908

Scale 1" = 10,000.

contour interval 20 feet

Projection and sheet inked by E.B. Collins.

Surveyed by D.B. Wainwright, Asst. Chief of Party
E.B. Collins, asst

During to the fact that no triangulation points were available within the area included by this sheet, or were likely to be available in the near future, the controlling points for this work were determined by measuring a stadia base line 1935 meters in length along the railroad tangent, situated near the southern edge of the sheet, and from this base, developing a scheme of triangulation, covering the bay.

Detailed descriptions of the principal objects so determined were furnished to Assistant French who took up the triangulation of this region.

The positions of nearly all the prominent buildings, shown on the sheet were determined by intersections. The shape and dimensions, as well as the arrangements of dependent outbuildings were generalized.

The greatest care was exercised in the location of the high water line, the main highway and the steam railroads. In the open country, all important fence lines, especially such as appeared to be boundary lines, were carefully located. All other fences were either sketched or ignored. The line of demarcation between marsh and fast land was well determined, when well defined.

Such details as wood line orchards, small streams and farm roads were sketched.

In the open country the contours were carefully located from numerous vertical angles to critical points.

At low tide the greater part of the water area runs dry, leaving only a narrow curving channel between Adams Point and the mouth of the Cooper River.

The commercial usefulness of this channel is mainly limited to providing a thoroughfare for towing the coal schooners & barges enroute to

Exton and Newmarket

Newmarket is a cotton mill town. Outside the settlements the open area is devoted to the small farming industry, hay being the principal crop. Cuts were taken upon all the standing channel stakes in the bay, but as they are only of a flimsy nature and not likely to withstand ^{season} of ice their positions are not recoverable. They are indicated on the topographic sheet to mark or indicate only in a general way, the direction of the channel.

On completion of the inkings of the sheets the geographical positions of a number of points were available for projecting the meridians & parallels

X

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Plane Table Positions

Stations	Latitude	D.M.	Longitude	D.P.	Notes
Greene Point	43-03	346	70-50	1814 346	Top of signal = 19 ft. high
Wicks Point	43 03	1047	70 50	24	
Point	43 03	1132 711	70 53	116	
Drumondy	43 03	799	70 54	1043	Top of Draw 40 ft. high
Wick Village Road	43 04	1081	70 50	114	
No. 3	43 04	892	70 54	32	
Sally Pine Tree	43 04	1321 519	70 54	855 491	
London Cove 23 houses	43 04	396	70 54	1081 206	Top of Banner in tree = 196 ft.
St. James St. of School	43 04	1259 582	70 56	418 929	
" - Bath. Ch. Spire	43 04	1347 464	70 56	417 930	
" - Beacon Ch. "	43 04	1327 514	70 56	305 1042	
Wick Point	43 05	115	70 53	363	
Adams Monument	43 05	937	70 50	108	