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C. G. C. PARTY.
MADE IN U.S.A.
1912-13
No. 12

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Virginia*

DESCRIPTIVE REPORT.

Topo Sheet No. *3249*
3250

LOCALITY:

Eliz. River and vicinity

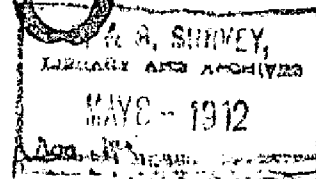
1902

CHIEF OF PARTY:

J. B. Boutelle

3249
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3249 & 3250



DESCRIPTIVE REPORT

to accompany

Assistant in Charge TOPOGRAPHIC SHEETS

(Ex 118 Nov 1912) - 3249
3250

SOUTH BRANCH OF ELIZABETH RIVER AND DEEP CREEK

from: NORFOLK, VIRGINIA to LOCKS OF DISMAL SWAMP

and CHESAPEAKE and ALBERMARLE CANALS

1912

METHOD OF SURVEY: Two church spires in Norfolk and Portsmouth were recovered and a triangulation from these was carried up the river to the locks of both Canals and a plane table survey was then made over the same area. The topography was done by J.B. Boutelle, Ass't, C. & G.S., Chief of Party, assisted by Mr. H.A. Cotton, Aid. The work done by Mr. Cotton included Deep Creek, St. Julian Creek and in various localities verifying the wharf and shore lines on the side of Berkeley opposite the Navy Yard. The sheets were inked by J.B. Boutelle, Ass't, C. & G.S., Chief of Party.

TRANSFERS: The wharf line of the Navy Yard and Portsmouth, north of Back Creek and on the Norfolk side of the Eastern Branch and Elizabeth River was transferred from recent work by the U.S. Engineers, verified at several points by the plane table.

There are sent herewith 3 blue prints of the work of the U.S. Engineers in South and East Branches of Elizabeth River and the

Norfolk and Portsmouth water front and one blue print giving the limits of the dredged channel completed in 1912. On one blue print is pasted a list of geographic positions of U.S.E. stations on C. & G.S. data and from this any point on their blue print can be computed by the Lat. & Dep. given in tabular form on the blue print.

There is also sent herewith a map from the office of the City Engineer showing the extension of the City of Norfolk to the North and East. The projection on this map was obtained from the office of the C. & G. S. during the time that Mr. B.A. Colonna was in charge of the office. It does not fit the present data very closely.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "J. D. Smith", written in a cursive style.

Assistant, C. & G. Survey.

Chief of Party.

GEOGRAPHIC

*Position of prominent-
objects on plane Table
Sheet Field No A*

Locality Elizabeth River, South Branch, Va.

Datum.

11-576

STATIONS.	LATITUDE.			Seconds in Meters.	LONGITUDE.			Seconds in Meters.
Pocomoke Guano Co's water tank, finial.	36	47	51.56	1589.3	76	17	15.03	372.6
Roanoke Lumber Co's water tank, center.	36	47	17.20	530.2	76	18	02.28	56.5
J.L. Roper Lumber Co. large red tank, finial.	36	46	29.43	907.1	76	18	09.99	247.7
Navy Yard Wireless Tower, small pole, at center of top.	36	49	36.06	1111.5	76	17	42.81	1060.9
Royster Guano Co's water tank, finial.	36	48	48.32	1489.4	76	17	13.91	344.7
Navy Yard, Marine Barracks Flagstaff.	36	49	02.75	84.8	76	18	09.86	244.4
Jas.G. Wilson Mf'g Co. water tank, finial.	36	48	43.49	1340.5	76	17	09.15	226.8
Pocomoke Guano Co's red brick chimney.	36	47	53.39	1645.7	76	17	15.72	389.7
Kanona Co's water tank, finial.	36	47	29.35	904.7	76	17	32.35	802.0
Robertson Fertilizer Co's water tank, finial.	36	47	27.71	854.1	76	17	38.10	944.6
Navy Magazine, water tank, finial.	36	47	05.20	154.7	76	18	40.46	1003.2
Navy Magazine, windmill tank, center of windmill.	36	46	57.30	1766.2	76	18	39.24	973.0
C.M. Pretty Lime Co's water tank, finial.	36	46	47.46	1462.9	76	18	21.90	543.0
Young's Guano Co. water tank, finial.	36	46	44.62	1375.4	76	17	47.61	1180.6

Do not write in this margin.