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C. & G. SURVEY,
LIBRARY AND ARCHIVES
MAR 21 1912
Acc. No

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Va*

DESCRIPTIVE REPORT.

Top Sheet No. *3382*

LOCALITY:

*Pamunkey River -
Westpoint to White Horse*

1912

CHIEF OF PARTY:

O. W. Ferguson

11-4045

3382

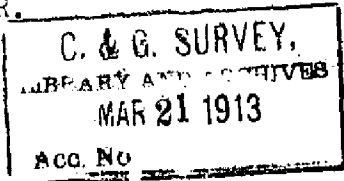
1.
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DEPARTMENT OF COMMERCE AND LABOR.

COAST AND GEODETIC SURVEY.

O.H.Tittmann, Superintendent.

Survey of the Pamunkey River, Virginia.



DESCRIPTIVE REPORT.

For Topographic Sheet (F) 3382.

From Westpoint Va. to White House Va.

between

Latitude $37^{\circ} 31' -- "$ and $37^{\circ} 36' "$ and
Longitude $76^{\circ} 48' -- "$ and $77^{\circ} 03' "$

Scale 1/20000

From July 28th, 1912 to Nov. 15th, 1912.

SCHOONER: "MATCHLESS"

O.W.Ferguson, Assistant, C.&G.Survey., in command.

OBSERVERS.

O.W.Ferguson, Assistant, James E. Marsh, Mate; Max Steinburg, Aid.

James S.S. Jones, Aid; and Henry B. Campbell, Aid.

This sheet covers a portion of the River not before charted or marked for navigation by "day marks". It shows the Pamunkey and its winding from Westpoint, a Railroad and Steamboat terminal, to White House, where the branch of the Southern Rail Road crosses the Pamunkey to the South, and leaves it.

DESCRIPTIVE REPORT.

For Topographic Sheet F ,

CONTROL.

The control of the work is excellent, it being furnished by the triangulation ^{with} numerous Stations, ~~just~~ preceding . The Stations are permanently marked and well described and, without doubt, can be recovered for many years to come.

SHORES

This portion of the river is very crooked and contains large area of marsh covered with tall grass, across every long point, and, along all marshes it is very muddy. Opposite the points of marsh, in every bend, is high ground, with shore of silt, sand and clay.

SURFACE.

The marsh areas are in general not over one foot above average high water while unusually high tides or freshets cover all of them .

The highland is usually about 20 feet in elevation rising to 80 feet along the river by Romancoke . The soil is loam and sand, and is productive . A large part of the area is not cultivated, being in old fields or brush. The timber has been mostly cut off, but new timber is growing.

WATER.

Artesian water is obtained over all of this sheet; in some places

DESCRIPTIVE REPORT.

For Topographic Sheet F,

 a strong flow is found; at latitude 37° 33' and longitude 76° 50'
 a very strong flow is found, also along the Pamunkey shores at West-
 point, the flow is strong. The river water is fresh above Cumberland
 Landing.

OCCUPATION.

The area is generally occupied by farms, cultivated to some extent;
 a good deal of the labor is employed in Westpoint. Some wood and
is shipped
 timber; trapping over the marshes, hunting and fishing are also engaged
 in.

- - - - -TOWNS. - - - - -

Westpoint, on the confines of this sheet, is the main town for
 merchandise, supplies, selling and buying. Romancoke, Cohoke, Sweet Hall,
 Lester Manor and White House are the only towns on this sheet and they
 consist of only one or two stores, a depot and a Post Office.

The Landings on the river are Romancoke, White Oak, Cousaic, Sweet-
 Hall, Brick House, Chestnut Grove, Morgans, Cooks, Cumberland, Riverview,
 Johnson, Gordon, White, Lester Manor and White House Landing and several
 other places where wood and lumber is loaded, at times.

There is no regular line of steamboats on this river, but products
 are shipped out and in by private contracts and by individual owners

DESCRIPTIVE REPORT.

For Topographic Sheet F,

PRODUCTS.

The products are many in number but not great in any thing. Various farm products, some wood, some lumber, fur and fish. # I submit herewith a list of triangulation stations and other objects on this sheet, giving their geographical positions. *on six sheets.*

O.W.Ferguson

Assistant, C.&.G. Survey.

Survey of the Pamunkey River.

GEOGRAPHIC POSITIONS.

For Topographic Sheet. #1

1.

	^o	'	^m	^o	'	^m
YEL	37	31	1362.0	76	47	1455.0
TANK Δ	37	31	1594.0	76	47	1209.0
PAM Δ	37	31	1680.0	76	84	930.0
CENTER Δ	37	32	512.0	76	49	930.0
Pile	37	32	674.0	76	48	618.0
Mar	37	32	1133.0	76	48	1436.0
Low	37	32	1737.0	76	49	202.0
Red	37	32	1752.0	76	49	834.0
RAIL Δ	37	33	395.0	76	49	309.0
Stake	37	33	11.0	76	49	1222.0
Wid	37	32	729.0	76	49	1134.0
CLUB Δ	37	32	1354.0	76	50	295.0
Up	37	32	776.0	76	50	875.0
THOR Δ	37	32	149.0	76	50	252.0
Oak	37	31	886.0	76	51	96.0
Palm	37	31	584.0	76	51	1275.0
BOB Δ	37	31	834.0	76	52	365.0
Near	37	31	871.0	76	52	339.0
Point	37	31	1576.0	76	52	877.0
TIE Δ	37	32	1002.0	76	52	541.1
West	37	32	533.0	76	52	1025.0
Musk	37	32	1052.0	76	51	1323.0
Mud	37	32	1712.0	76	52	26.0
Snag	37	32	1673.0	76	51	946.0
CUSTIS Δ	37	32	1797.0	76	51	971.7
G ^h	37	33	816.0	76	51	1093.0
F	37	33	603.0	76	51	708.0
E	37	33	1479.0	76	51	398.0
Rook	37	34	263.0	76	51	550.0

*By mistake no carbon
was made for the duplicate
O. W. S.*

Survey of the Pamunkey River.

2.

GEOGRAPHIC POSITIONS.

For Topographic Sheet # F.

House	37	34	1084.0	76	51	214.0
Clay	37	34	942.0	76	51	277.0
Tree	37	34	1112.0	76	51	270.0
Barn	37	34	1188.0	76	51	194.0
C	37	34	1780.0	76	52	166.0
Crow	37	34	1276.0	76	52	689.0
House	37	34	1592.0	76	52	1002.0
A	37	34	1010.0	76	52	1306.0
House	37	34	699.0	76	53	472.0
CREEK Δ	37	33	1686.1	76	52	1418.1
Gull	37	33	816.0	76	52	847.0
Cove	37	33	742.0	76	52	422.0
GAS Δ	37	33	280.6	76	52	1272.0
Pine snag (did)	37	32	1675.0	76	52	1180.0
In tree (tree)	37	32	1496.0	76	53	304.0
First above (First)	37	32	1763.0	76	53	609.0
House (Use)	37	32	1175.0	76	53	826.0
First below (See)	37	32	1486.0	76	53	1438.0
Big Chy (Big)	37	33	438.0	76	54	676.0
House	37	33	557.0	76	54	1006.0
MILL Δ	37	33	1206.6	76	54	146.0
Wobley	37	33	1164.0	76	54	77.0
HALL Δ	37	33	1517.7	76	53	1230.0
A (Tree)	37	34	87.0	76	53	1018.0
Old	37	33	1473.0	76	54	547.0
Shack	37	34	284.0	76	54	483.0
SWEET Δ	37	34	308.6	76	54	498.4
Pile	37	34	253.0	76	54	565.0
Corner	37	34	122.0	76	54	788.0

Survey of the Pamunkey River.

GEOGRAPHIC POSITIONS.

3.

For Topographic Sheet# F.

Dark window "Dark"	37	34	417.0	76	54	1121.0
Bunch	37	34	132.0	76	55	215.0
X "Cross on tree"	37	34	337.0	76	55	640.0
Red	37	33	1712.0	76	55	756.0
WIBLE Δ	37	34	71.9	76	55	1215.6
LOST Δ	37	33	1029.1	76	55	1039.3
Lilly Δ	37	33	1362.0	76	56	62.0
Peck	37	33	1189.0	76	56	592.0
JOHNSON Δ	37	33	1319.4	76	56	719.3
FOUND Δ	37	33	908.8	76	56	695.6
CAVE Δ	37	33	893.4	76	56	1058.2
TRUNK Δ	37	33	278.1	76	56	692.7
COHOKE Δ	37	33	99.5	76	56	1139.3
CHANDLER Δ	37	32	1534.9	76	56	692.7
CHESTNUT Δ	37	32	902.1	76	56	769.9
ISO Δ	37	32	569.3	76	56	1147.9
MORGAN Δ	37	32	261.4	76	56	1023.0
SLIDE Δ	37	32	138.5	76	56	1206.0
CHINQ Δ	37	32	353.1	76	56	1414.3
PIN Δ	37	32	111.7	76	57	427.7
SOBY Δ	37	32	476.8	76	57	236.4
SNAKE Δ	37	32	761.4	76	57	852.0
COOK Δ	37	32	555.6	76	58	105.4
LAND Δ	37	32	950.5	76	58	329.2
CUMBER Δ	37	32	862.1	76	58	787.6
POINT Δ	37	32	1003.5	76	58	694.0
Barn	37	32	1012.0	76	58	915.0
Fontleroy Δ	37	32	1143.8	76	58	440.1
WALNUT Δ	37	32	1429.6	76	58	913.2

Survey of the Pamunkey River.

GEOGRAPHIC POSITIONS.

4.

For Topographic Sheet #F

Pete Δ	37	32	1450.5	76	58	629.7
Stake	37	32	1546.0	76	58	796.0
OWENS Δ	37	32	1682.1	76	58	592.1
TURKEY Δ	37	32	1611.2	76	58	205.2
High "stake"	37	33	207.0	76	58	181.0
Snag "NO 1"	37	32	1678.0	76	57	1170.0
Snag "NO 2"	37	33	8.0	76	57	948.0
BLIND Δ	37	33	258.6	76	57	560.0
FERRY Δ	37	33	386.4	76	57	1384.9
Big "Snag"	37	33	442.0	76	57	526.0
Transit	37	33	566.0	76	57	1259.0
ANCHOR Δ	37	33	851.2	76	57	393.1
Chute Δ	37	33	843.3	76	57	969.5
Stump	37	33	1000.0	76	57	858.0
Top	37	33	1174.0	76	57	275.0
Shack	37	33	1293.0	76	57	373.0
RESIDENT Δ	37	33	1344.6	76	57	381.7
GUM Δ	37	33	1411.8	76	57	612.8
Shack " NO 2"	37	33	1745.0	76	57	365.0
DUNK Δ	37	33	1781.6	76	57	590.6
CANNON Δ	37	33	1802.9	76	57	393.8
Tree	37	34	62.0	76	57	627.0
Tree " NO 2"	37	34	210.0	76	57	439.0
WEST Δ	37	34	354.5	76	57	680.6
RIVERVIEW Δ	37	34	423.7	76	57	488.6
BELL Δ	37	34	794.0	76	57	959.2
High " stake"	37	34	922.0	76	57	753.0
Stump	37	34	917.0	76	57	105.1
ASH Δ	37	34	993.3	76	57	835.6

Survey of the Pamunkey River.
GEOGRAPHIC POSITIONS.

5.

For Topographic Sheet # F

SLIP Δ	37	34	1306.7	76	57	1010.7
WHALE Δ	37	34	1511.6	76	57	1330.8
BLUE Δ	37	35	12.6	76	57	1361.4
EDEN Δ	37	35	166.6	76	57	1219.9
JAMES Δ	37	35	230.2	76	58	219.1
DANSY Δ	37	35	416.4	76	58	65.9
Chy " old house "	37	35	473.0	76	58	76.0
GORDON Δ	37	35	455.1	76	58	548.9
TWIN Δ	37	35	7.7	76	58	1094.3
WHITE Δ	37	35	440.2	76	58	1208.2
LESTER Δ	37	34	1549.5	76	59	368.8
MANOR Δ	37	34	1791.3	76	59	676.0
DUKES Δ	37	34	1465.4	76	59	785.8
BEACH Δ	37	34	1440.3	76	59	1027.9
PAPOOSE Δ	37	34	1234.6	76	59	562.3
SQUAW Δ	37	34	919.0	76	59	662.1
RAFT Δ	37	34	1138.8	76	58	1074.0
SUNK Δ	37	34	557.0	76	59	212.4
BARK Δ	37	34	204.6	76	59	148.1
GUM Δ	37	33	1547.4	76	58	764.2
Tree	37	33	1360.0	76	58	1025.0
GODSEY Δ	37	33	1314.1	76	59	785.7
TUS Δ	37	33	1627.2	76	59	1199.1
White "Snag"	37	33	1006.0	76	59	1373.0
Tall slim pole "Slim"	37	33	1213.0	76	59	1408.0
Shanty	37	33	1267.0	77	00	455.0
CUT Δ	37	33	1267.1	77	00	468.0
SKIN Δ	37	33	1509.3	77	00	484.6
On tree "Bug"	37	33	1597.0	77	00	658.0

Survey of the Pamunkey River.

6.

GEOGRAPHIC POSITIONS.

For Topographic Sheet # 1.

HORNET Δ	37	33	1409.8	77	00	1234.4
NEST Δ	37	33	1807.7	77	00	1075.7
Rock hawk Chy"	37	33	1544.0	77	01	60.0
Point	37	34	40.0	77	01	16.0
Center of crib	37	34	32.0	77	01	308.0
Crib Δ	37	34	97.6	77	01	383.5
GOOSE Δ	37	34	251.6	77	01	166.2
In cove	37	34	592.0	77	01	314.0
PLUM Δ	37	34	561.3	77	01	844.1
House	37	34	580.0	77	01	864.0
ROUND Δ	37	34	676.2	77	01	656.0
On corner	37	34	787.0	77	01	782.0
HIGH Δ	37	34	854.8	77	01	695.2
GLIT Δ	37	34	885.5	77	01	994.0
Above "high"	37	34	986.0	77	01	534.0
Window of HO	37	34	1425.0	77	01	554.0
TRACK Δ	37	34	1453.9	77	01	554.2
Center of draw	37	34	1450.0	77	01	453.0
Signal pole# 2	37	34	1444.0	77	01	305.0
ROAD Δ	37	34	1430.3	77	01	99.3
YANTS Δ	37	34	1535.7	77	00	1103.8
BUR Δ	37	34	1727.8	77	01	292.7
HIND Δ	37	35	272.3	77	00	1139.9
BAY Δ	37	35	383.6	77	00	321.4
HATCH Δ	37	34	1770.9	77	01	622.3
SAW Δ	37	35	164.7	77	01	720.4

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MAR 21 1913
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DEPARTMENT OF COMMERCE AND LABOR.

COAST AND GEODETIC SURVEY.

O.H. TITTMANN, Superintendent.

Survey of the Pamunkey River, Virginia.

TITLE SHEET

For Topographic Sheet F.

Extending from Westpoint to WhiteHouse Va.

between:

Latitude $37^{\circ} 31' -- "$ and $37^{\circ} 36'$
Longitude $76^{\circ} 34' 8'' -- "$ $77^{\circ} 03'$

SCALE 1/20000

From July, 28th, 1912. to Nov. 15th, 1912

SCHOONER "MATCHLESS"

O.W. Ferguson, Assistant; C. & G. S., in Command.

OBSERVERS.

O.W. Ferguson, Assistant; James E. Marsh, Mate; Max
Steinberg, Aid; James S. S. Jones, Aid; and H. B. Campbell, Aid.