Form 304
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: Virgin Islands

DESCRIPTIVE REPORT.

Sheet No. 3838

LOCALITY:

St. Croix Island
Middle Western Port

190X

CHIEF OF PARTY:

E. R. Hand
DESCRIPTIVE REPORT

to accompany topog. Sheet "I" St. Croix, V.I. 1921 Eoline R. Hand,
Chief of Party

This survey was made in pursuance of Instructions dated Oct. 23, 1920 (7HCO).
Because of orders detaching me from the Office this sheet is turned in with the
inking incompletely: to comply with anticipated new orders the office work was done
hastily, but accurately. No time was taken to make a fancy drawing. It is be-
lieved that all the acquired information is now inked or pencilled upon the sheet.
However it must be noted that the contours are NOT ready for inking as they stand.
Urged while in the field to make haste with the progress of the work these lines
were swiftly and crudely drawn; while embracing the correct values they were regarded
for the most part as notes, to be interpreted by me when inking the sheet at Wash-
ington, as I understood I was to be permitted to do. They can only be interpreted
by a skilled field man, having knowledge of local conditions and forms and with a
keen perception of topographic values. I recommend that Mr. A.L. Shalowitz be giv-
en this sheet to complete. If any other attempts it the result will be only a gen-
eralized depiction of the terrain, and I must disclaim responsibility for the wide
departure from the rigid requirements of my orders that would result.

2. There is but little I can add in the way of information to that shown
so copiously upon the sheet; it seems to me self-explanatory. Sugar cane is the
chief crop; but some cotton is grown, and the ratio to sugar may be judged by the
relative frequency of the two symbols. Bethlehem Mill is the only one grinding
at present. The cane is brought to cane markets at various strategic points,
weighted, and piled on motor trucks for transport to the factory. The railroad
shown is for same purpose. For drinking water rain is caught in tanks; the many
wells shown furnish only brackish, for stock. The east and west road that passes
in front of the King's Hill police Station and Poor Farm is called the Centre
Line Road. It is the main way between Christiansted and Frederiksted. Two roads
cross the range of hills, north and south; also one trail. The west one, through
River Estate is good for autos; but reliable brakes are a desideratum. The Cana-
an one is traversable by carts only, though a Ford is said to have negotiated it
successfully. All the solid line roads, with this single exception, are excellent
for machines. It is of value to know that the trail over the hills north from
Windsor is connected at the pass with another that runs west along the ridge to
the above-mentioned Canaan Road. The very narrow private roads that run as
straight lines into fields are known as "cane ranges". They offer a means of
getting about, but are practicable usually only for carts. No attempt was made to
indicate all of them.

3. The theory of the land division will be a helpful thing to know.
The early Danes accomplished the mathematical anomaly of dividing the entire is-
land into nine quarters. Four of them comprise the area of this sheet. The quar-
ter lines (shown by heavy dashes) were first carefully run, and the various estates
measures from and between them. The original idea was that each estate should be a
rectangle of 2000 by 3000 Danish feet, but some estates now are made up of whole
or parts of other figures. On a key tracing submitted the estate name is spread
over all the area embraced by it. The light dashes show estate boundaries, but some-
times roads are boundaries. It is hoped the Office will pencil the estate names over
the appropriate territory; also the quarter names.

Eoline R. Hand
Topographer.
LIST OF POSITIONS

Eoline R. Hand,  
Chief of Party.

<table>
<thead>
<tr>
<th>NAME</th>
<th>LAT</th>
<th>D.M.</th>
<th>LONG</th>
<th>D.P.</th>
<th>HEI.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jind</td>
<td>17° 45'</td>
<td></td>
<td>84° 45'</td>
<td></td>
<td></td>
<td>steel windmill on shore west Salt River</td>
</tr>
<tr>
<td>Ray</td>
<td>47</td>
<td></td>
<td>46</td>
<td></td>
<td></td>
<td>112 Plate in cement post upper side rd, in bight</td>
</tr>
<tr>
<td>Joe</td>
<td>47</td>
<td></td>
<td>46</td>
<td></td>
<td></td>
<td>1250 m, east R.o.p. T.Mill</td>
</tr>
<tr>
<td>Salt</td>
<td>46</td>
<td></td>
<td>46</td>
<td></td>
<td></td>
<td>95 Plate towards wd.in wall: at top rise west</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>and Barons Bluff</td>
</tr>
<tr>
<td>Blue Mt *</td>
<td>45</td>
<td></td>
<td>47</td>
<td></td>
<td>880</td>
<td>Top sharp hill above Barons Bluff, S.E. side</td>
</tr>
<tr>
<td>Red *</td>
<td>42</td>
<td></td>
<td>45</td>
<td></td>
<td>1080</td>
<td>grassy</td>
</tr>
<tr>
<td>Dan</td>
<td>42</td>
<td></td>
<td>45</td>
<td></td>
<td></td>
<td>135 Red roof on hill at Blessing estate above</td>
</tr>
<tr>
<td>Riv</td>
<td>41</td>
<td></td>
<td>47</td>
<td></td>
<td></td>
<td>Krause Lagoon</td>
</tr>
<tr>
<td>Mannings Bay 42</td>
<td>47</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 Plate in block at sand pt., east side Krause</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Lagoon</td>
</tr>
<tr>
<td>Tom</td>
<td>41</td>
<td></td>
<td>46</td>
<td></td>
<td></td>
<td>2 Plate in block at point west river mouth</td>
</tr>
<tr>
<td>Green *</td>
<td>42</td>
<td></td>
<td>48</td>
<td></td>
<td></td>
<td>75 Old mill tower on rise west grass area half</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>mi west of river and above steel fanmill in</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>grove.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4 Plate in cliff that begins a mile west of river</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>mouth.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>gr35 Greenish house on Envy estate: above meadow</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>just west of Mannings Bay mills and mile west</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>of river.</td>
</tr>
</tbody>
</table>
November 30, 1921.

Memorandum to accompany Topographic Sheet No. 3633.

The contours on this sheet are completely inked except for a small stretch in the vicinity of Barons Bluff along the north shore. A generalized delineation could be made, but for more accurate form and location should be referred to the topographer.

Extreme care was exercised in the penciling and inking of this sheet, every land form having been studied carefully. This, together with the previously acquired knowledge of the terrain by the inker, has, it is hoped, given to the sheet a true interpretation. The pencil contours which were very much in the rough were not considered as rigid nor binding but rather as guide lines. (see Descriptive Report for sheet) Departures were made where necessary to conform to fixed topographic principles.

The sheet has been adjusted to conform to the two adjoining sheets.

Aaron L. Shalant
SECTION OF FIELD RECORDS.

REPORT ON TOPOGRAPHIC SHEET No. 3838.

Surveyed in 1921.


Surveyed by E. R. Hand.

Inked by E. R. Hand and A. L. Shalowitz.

1. The records conform to the requirements of the General Instructions.

2. The plan and character of the survey fulfill the requirements of the General Instructions.

3. The character and extent of the survey satisfy the specific instructions.

4. About 70% of the field drafting prescribed by the General Instructions was done by the surveyor.

5. The junctions with adjoining sheets are satisfactory.

6. No further surveying is required within the limits of the sheet.

7. The character of the surveying and field drafting is excellent.

8. Reviewed by E. F. Ellis, December, 1921.
The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3838 sheet "I"

State . . . Virgin Islands.


Locality . central part, sea to sea.

Chief of party . Eoline R. Hand.

Surveyed by . . .

Date of survey . February - April, 1921.

Scale . 1:10000.

Heights in feet above M.H.W.

Contour interval . 20 . feet.

Inked by Eoline R. Hand. Lettered by .

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

List of Positions (d.m. and d.p. values not computed by me)

Remarks: * Account of orders to field duty this sheet turned in UNFINISHED. See my descriptive report.

A list of Landmarks for Charts was submitted at time this sheet was in hands of Chart Division preparatory to tracing off information for new chart. Objects consisted of the old mill towers along both north and south coasts (truncated pones of stone about thirty feet)