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STA
1912

3270

C. & G. SURVEY,
LIBRARY AND ARCHIVES
OCT 14 1912
Acc. No

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *N.T.*

DESCRIPTIVE REPORT.

T.P. Sheet No. *3270*

LOCALITY:

Mani-North Coast-

Kahakuloa Pt to Maliko

1912

CHIEF OF PARTY:

Ganger & Lutz

11-4845

3270

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Mau, T. H.

C. & G. SURVEY,
LIBRARY AND ARCHIVES
OCT 14 1912
Acc. No

Inaliko Gulch
to
Kahakuloa Point

West of Kahului P.T. Survey & Inking
by J. C. Gauger Asst.
East of Kahului P.T. Survey & Inking
by M. C. Lutz, Aid.

December 1911 & July 1912.

Projection by J. C. Gauger Asst. C. & G. Survey
Chief of Party
Scale 1:20000

Shoreline 19.6 Sta. miles.
Roads 7.7 " "
Area 4.5 sq " "

P. T. Points

N. E. Gable Mill } (old Hamakau post)
S. W. Gable Mill } Mill, largest building

Cairn

Signboard

Catholic Church Spire

Paia (Mill Stack)

Stack A

Stack B

Line (Stack on Line kiln)

Pump (Stack)

Camp 1 (Stack)

Cairn (on red sand hill)

Post (12' x 12' post 6' high)

Tank (Elevated water tank)

E. Gable White house

E. Gable

3" Pipe

3" Pipe

High Point (118 ft)

Low Coco

3" Pipe

Conspicuous red tip

3" Pipe

Highest Point

Church Spire

Latitude Longitude

20° 55' 637"	156° 20' 1535"
20° 55' 616	20 1578
56 901	21 212
56 303	21 1371
56 133	21 1551
55 1582	22 381
54 1082	22 1222
54 1533	23 258
54 1729	23 384
55 192	23 1048
54 474	24 1206
54 514	25 133
54 1783	24 675
54 1405	25 754
54 771	25 596
55 602	29 1292
56 515	30 849
57 1154	31 463
57 1515	31 721
58 1009	31 1233
58 1349	31 1323
58 1344	31 1580
59 768	31 1155
59 716	32 941
59 1716	32 1081
21 00 24	38 392

Descriptive Report to Accompany

Sheet **3270**

Maliko Gulch to Kahakuloa Point
Maui, T. H.

At the extreme east, the land slopes gently upward away from the shore but from Paia westward the coast gradually becomes low & level. All of this eastern section of the sheet is cultivated for sugar cane. Northwest of Kahului the coast consists of barren sand hills for a distance of 4 miles. A narrow belt of low land lies between the sand ridges & the shore line & back of the sand hills sugar cane flourishes. From Waiehe Point N. E. W. $3\frac{1}{2}$ miles to Kahakuloa Head the coast becomes gradually more & more rugged & barren. Over this section the mountain ridges from the interior project out to the water's edge & terminate in bold bluffs two to four hundred feet high. This region on the extreme northwest being particularly deeply eroded & rugged.

The shore line from Maliko westward gradually changes from rocky bluffs 50 ft. high to sand beach. Grass fringes the rocky ledges from Maliko to Paia. From Paia to Kahului sand dunes & algaroba trees line the shore. Pebble & sand beaches extend from Kahului to Waiehe Point fringed with a sparse growth of grass. From Waiehe Point to Kahakuloa Head is a series of bold rock bluffs with numerous inshore

rocks & cobble stone beaches where the gulches break thru to sea level. A particularly treacherous rock bar, awash at low water lies between Mokeehia & Kahakulua Heads. Breakers, as a rule do not disclose the presence of this rock during ordinary stages of the tide & this cove should be navigated with caution inasmuch as other pinnacles ^{probably} exist in this locality.

A wide coral reef fringes the low coast line the outer limits of which are approximately shown by the breaker line. Deep water makes in close to the bluff country but all ships usually stand off a half mile off shore in navigating around the headlands.

Harker Hill, a wooded hill on the east side of Egeliko Gulch & Pun Gene (or Goose Hill) a bare reddish hillock in the midst of canefields are two prominent land marks on the eastern portion of the sheet. The various pump & mill stacks too are all visible from the sea.

Inakawana Headland & Mokeehia Islet are bold & prominent landmarks.

Olai Hill, a symmetrical peak 1000 ft high on the ridge forming Mokeehia Point is conspicuous from Kahului.

However the most prominent & conspicuous landmark on the island of Maui is Roae Hill on the Kahakulua Headland which rises like a monument from the waters edge to a height of 634 ft.

The rainfall along this coast is very light & all fields are cultivated by irrigation. The prevailing winds are the trades which

blow quite regularly; & oftentimes are decidedly stiff breezes.

The survey was controlled by triangulation furnished by the Territorial Survey Office C & G. Survey work executed in 1899 & recent supplementary triangulation.

The gap in the shore line is covered by the 1:10,000 sheet of Kahului Harbor.

Report by J.C.G. & W.C.L.

NAUTICAL CHARTS BRANCH

SURVEY NO. 3270

Record of Application to Charts

[illegible]

M-216B.1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.