

83
STA
1912

3275

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.

Sheet No. *2274*

LOCALITY:

Main - S.E. Coast

3275

Mau, T. H.

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

Run Landing
to
Puriki

Plans Table Survey & Inking by E. P. Lutz
Aid, C. & G. Survey
April 1912

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

Shoreline:	20.0 stat. miles
Roads:	14.0 " "
Area	5.0 sq. stq. "

Pt Points

Cairn*

Ruins, standing gable end
Boulders, conspicuous on edge of fall
Cairn
Catholic Church Spire
Cairn

Mile Post #44

Off lying rock, center

Derrick (standing)

Off lying rock

Western Mill Stack

Cairn

Protestant Church Spire

Catholic Church Spire

House, center

Cairn

"

"

House, center

Mile Post #47

Large wooden cross

Mile Post #66

Cairn

"

"

House, center

House

Catholic Church Spire

Latitude
20° 37' 838"

Longitude
158° 10' 730"

37 1154

10 322

37 1008

10 54

37 1180

09 1173

37 1389

09 367

38 421

08 832

37 1088

07 1500

37 1602

07 1194

38 42

07 476

38 333

07 114

39 45

05 777

38 1759

05 413

38 1760

05 323

39 16

04 460

39 66

03 1293

39 761

03 869

39 764

03 858

39 511

03 804

39 976

03 226

40 135

02 1340

39 1280

02 1406

40 47

02 1034

40 768

02 699

40 1370

02 409

40 1684

01 1675

41 270

01 1439

41 139

01 1113

41 128

01 710

41 264

00 1636

41 582

00 1172

41 1505

00 516

41 1697

00 188

42 111

00 100

Mile Post # 46

20° 39' 500^m 156° 04' 1305^m

Descriptive Report to Accompany
Sheet 3275

Kanpo lava flow. Kanpo Gap itself is a very unmistakable landmark & doubly characteristic because it seems to mark the dividing line of the rainfall - the summits and slopes east of the gap are heavily wooded & covered with vegetation while west of it the hills are barren & whatever

with a maximum velocity at Pua Iuanones where they are generally decidedly stiff breezes. The trades funneling around the east end of Maui & the proximity of the Kaula Gap probably are responsible for this variation in the force of the wind along different portions of the coast line.

There are no good harbors on this sheet. The anchorage at Kaula will accommodate one or possibly two light draft vessels & offer ample protection from the regular trades. The landing has only recently been used by small schooners hauling wood to Honolulu.

The landing at Kipahulu is decidedly an open roadstead practically unprotected from the regular trade winds.

Both landings are, of course, directly exposed to the Kona storms.

The large rock lying off Kipahulu & known as "Whole" rises from 5 to 10 ft above high water & is always readily distinguishable. The charted rock about $\frac{1}{2}$ mile northeast of it is a pinnacle rising only about 2 ft above high water.

The survey was controlled by triangulation data furnished by the Territorial Survey Office. Northeast of Kipahulu, the marking of the stations did not agree with the original descriptions but no appreciable error could be detected in their location from the plane table survey. It was afterward learned that these stations had been remarshaled by the county engineer. He was unable to find the original markings & located the new stations to conform with the original data as nearly as possible resorting to supplementary triang-

relation to accomplish that end.

Report by Dr. C. Lutz, Aid. P. & G. Survey
Supplemented & revised by J. C. Gauger, Asst. P. & G. Survey