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C. & G. SURVEY,
LIBRARY AND ARCHIVES
APR 28 1913
Acc. No. _____

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: _____

DESCRIPTIVE REPORT.

W. P. Sheet No. *3385*

LOCALITY:

191

CHIEF OF PARTY:

11-4645

3385

DESCRIPTIVE REPORT.

To accompany "Sheet C" Paauilo to Waipio Valley.

LIBRARY AND ARCHIVES

APR 28 1913

Acc. No.

HAWAII CO. T. H.

3385

Eoline R. Hand, Asst., Chief
of Party.

The area embraced within the limits of this sheet differs in several respects from that of the two preceding: the shore line, while sheer cliff as before, shows a great diversity of height, ranging from 30 ft. to 100 ft. at the W. end. The land behind no longer presents a gentle slope as seen from off shore, but is more cut up: the gulchs are now much smaller and no longer parallel. There are a great many more indentations in the coast line, and as usually follows, many offshore rocks, awash and sunken. However I observed no dangers in the steamer track and I am informed there are none.

The Govt. road traverses the sheet, over a mile inside. The plantations at Honokaa and Kukuihaele are now consolidated, having but one manager. New name not yet given out.

Owing both to the N.E. trade, and the more rocky soil, cane does not grow up to the cliff edge as before; Many evergreens are planted as windbreaks: much grass is also seen along edge.

There are three landings and each has both wire and derrick. At both Honokaa and Paauhau careful maneuvering is required when mooring not to be set down on the rocks as shown.

The only anchorage is just W. of Honokaape Pt. anchor in 20 fathoms, sand bottom. Vessels use this place when, through stress of weather, they are unable to moor at the landing buoys.

There are two other landings as shown, but long since abandoned: one of them, Honokaia, offers a fair shelter for small boats; launches and motor sampans, the point giving a lee from the N.E. the bottom appears free from dangers. This is an excellent place for getting up to top of cliffs: same may be said of cove on W. side, Kamakamaka Pt.

Honokaa, on the main road, is the second place of importance on the island: here is a branch of the First Bank of Hilo, many churches, several good stores, a hotel, a branch of the Volcano Stables, where autos or rigs may be hired.

A cement lined ditch, Hamakua Irrigation Co., crosses this sheet, roughly parallel to the main road. This Co. has an office on edge of Waipio Valley, as indicated.

Waipio Valley is the most remarkable feature on this sheet; looking down from the immense height of its smooth, steep side upon the grand extent of perfect sand beach, and the wide expanse of level rice fields spread out like green velvet, and dotted here and there by pretty red-roofed cottages, it presents an impressive view not soon forgotten.

Should circumstances require, a landing may be effected and Hilo reached by telephone from Napopo. At present there is only a trail down into the valley but the legislature is now appropriating (\$12000 was asked for a wagon road. There was formerly a wagon road which ran part way up the cliffs, from Kukuihaele landing to the beach at the valley, but frequent slides have since forced its abandonment: part of it is still seen

and is indicated on sheet; from Honokaape to landing is now passable on foot.

Eoline R. Hand
Asst., U.S.C. & G.S.

3385
Eolling B. Hand, City, Ohio

Eoline R. Hand, Asst. Chief

Name	P	D.M.	Z	D.R.	Hei	Description
End	20 03	$\frac{763}{1582}$	155 21	$\frac{1675}{69}$	100-30	See list for sheet "B" whitewash spot near top cliffs.
Next	20 03	$\frac{1114}{731}$	155 22	$\frac{325}{1718}$	10-15	Outer point of base perp. cliffs; inside low flat pt.
Dim.	20 03	$\frac{1280}{365}$	155 22	$\frac{865}{838}$	10-15	" " " " " " W. side gulch; point
Crush	20 03	$\frac{774}{279}$	155 22	$\frac{1668}{378}$	378	Stone crusher conspic. from seaward.
Duck	20 03	$\frac{1041}{207}$	155 22	$\frac{1286}{457}$	10-15	Outermost pt. of base perp. cliff; where long, low, narrow pt. makes out.
Vert	20 04	$\frac{84}{1761}$	155 23	$\frac{242}{1801}$	15-25	" " " " " "
Sol	20 04	$\frac{275}{1570}$	155 23	$\frac{739}{1007}$	2	Outer end long, low, flat rock offshore.
Dan	20 04	$\frac{707}{1142}$	155 24	$\frac{53}{1690}$	45-50	Point at cliff edge where small gulch breaks through.
Burn	20 04	$\frac{754}{338}$	155 24	$\frac{461}{1282}$	40-50	Outer cor. pt. resembling step; conspicuous; sketched.
Tin	20 04	$\frac{1482}{363}$	155 24	$\frac{835}{513}$	3	Centre of round, flat rock, 20' diam. offshore.
Yes.	20 05	$\frac{180}{1039}$	155 25	$\frac{172}{1453}$		Point on shelving rock where very small gully allows access to top of cliffs.
Job	20 05	$\frac{192}{1039}$	155 25	$\frac{280}{1453}$	110	Long rock extending over cliff edge at outer pt. com. out W. of base here.
Bans	20 05	$\frac{480}{1365}$	155 25	$\frac{840}{703}$	3-5	Highest and most W. 2 small rocks just off end long point.
Turn	20 05	$\frac{760}{1055}$	155 25	$\frac{1557}{188}$		Point part way down cliff side, above big circular flat rock.
Cap	20 05	$\frac{857}{713}$	155 26	$\frac{138}{1605}$	12	Point on pinnacle rock, E end sand beach. Kawaiiki Gulch.
Off	20 05	$\frac{1844}{855}$	155 26	$\frac{246}{1507}$	4	Highest of offshore rock.
Ho	20 05	$\frac{985}{160}$	155 26	$\frac{209}{1279}$	15	Point E. side.
Our	20 05	$\frac{1815}{393}$	155 26	$\frac{688}{1053}$	5-15	A kind of rock on outer end large flat rock point, deep pool on W. side. Point of base cliffs is NOT located.
One	20 05	$\frac{1232}{726}$	155 27	$\frac{726}{726}$	110	Seaward - somewhat E. of line of Kawaiiki white sand beach at end