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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittman
Superintendent.

State: *Hawaii*

DESCRIPTIVE REPORT.

Top. Sheet No. *3485*

LOCALITY:

1914

CHIEF OF PARTY:

C. R. Hand

11-4645

3485

3485. DESCRIPTIVE REPORT

To accompany sheet "P", Sand Hill to Leleiwi Point, Island of Hawaii, 1914.

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

This is the sixteenth and last sheet on which is depicted the shoreline of Hawaii, and joins the initial sheet "A" at Leleiwi Point.

The shoreline is low, and the land behind has an unusually gentle slope, for Hawaii: at Olaa the elevation of R.R. is 210. ft. at The R.R. siding above Makuu it is 212.7 and at Pahoa Junction, where track branches to Pahoa and Kapoho, it is 260.7

The shore is lined with Puhalala trees, with guava behind, while here and there is an open grass spot. Further inside the entire area is covered with grass and scant small trees, mostly Ohia. This is a part of the Shipman ranch and here many hundreds of cattle are to be found grazing.

Mr. Shipman and his son each have a home at the place indicated, though the elder, W.H. uses his more as a Summer residence, while O.B. lives there practically all of the time. This place is called HAENA on the chart, and this name is recognized locally, though not used to any extent. There is no village there but only the homes of the Shipman servants. The Locality is more often spoken of as either Shipman's Place or KEAAU, which is also the name of a town a few miles above. There is a private road to Olaa, and a telephone in the house called sta. "Red" on Sheet.

There are no other important places along coast: the names are all such as are known locally and are on chart, excepting "Papai".

The old govt. trail parallels this coast and is still practicable, though overgrown with Guava in some spots. Also the Hilo R.R. parallels coast some distance inside, and some miles inside that is the wagon and auto road between Hilo and Pahoa.

No offshore dangers were seen excepting the rock, always bare, 1 1/3 mi. N. (mag) of Shipman's and 600 m. offshore.

It was noticed in ink that this sheet was slightly warped, however it was correct when projection was laid down and mapping done: being wet in Hawaii and dry in Honolulu caused the change.

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

DESCRIPTION of STATIONS.

To accompany topog. sheet "P," Sand Hill to Lelewi Pt, Island of Hawaii, 1914.

Eoline R. Hand, Asst. Chief of Party.

* Suggestions for offshore.

Name	Ø	D.M.	λ	D.R.	Hel.	Description and symbols.
Wag	19°44'		155°06'			Point on cairn at Lelewi Pt, 56 m. S.S.W. from S. Lelewi.
Zip	44'		06'			" " lone puhia tree up on mound at edge vegetation.
Bug	19°43'		154°59'			" " cairn at edge of grass.
Wid	43'		59'	15		High perp. rock about 5 m. off Anapuka Pt.
Cop	43'		59'			Point on cairn.
Fun	19°42'		59'			" " "
Orl *	42'	866 777	59'	338 1409	27	" " <u>LARGE</u> cairn about 8' high.
Fig	42'		59'			" " cubical rock at edge cliff.
Mag	19°41'		59'	15		" " cairn.
Men	41'		154°50'			" " lava ledge.
Pun	41'		58'			" " cairn 600 m. N.W. of long, narrow flat rock few m. offshore.
Pit	19°40'		58'	20		" " lava edge.
Par	40'		154°58'			" " cairn in grass spot.
Wet	19°39'		154°58'			Rock 600 m. offshore 1 mi. N. of Shipman's Place.
Asp	39'		154°58'			Point on cairn, in side above rock.
Gun	39'		154°58'	15		" " " "
Leg	19°38'		154°59'			Small unptd. house at Shipman's Place.
Red *	38'		59'			Modern residence 400 m. inshore at Shipman's. red roof
Up	38'	886 889	154°58'	1483 623	20-30	Point on large cairn upon cliff.
Dam	38'		58'			" " lava ledge.
Pug	19°37'		58'			Shed: has rusty corrug. out over door.
Wig	37'		154°57'			Point on sharp rock
Boy	37'		57'			" " lava " in bay N. side Kaloli Pt.
Org	37'		57'	15		Sharp, vertical, wedge-like cliff point.
Pat	19°36'		57'			Point on small cairn.
Land	36'		154°56'	30		" " large, on lava slope, deepest part bay S. of Kaloli Pt.
Log	36'		56'	15		" " four lava blocks piled upon flat lava.
Sun	19°35'		56'	25		" " " " cairn at high rocky point: shore much lower each side.
Nig	35'		154°55'	8		" " choc. drop shape rock on low, flat lava.
Word *	35'	442 1743	55'	1015 763	70	House on NWly of grassy hills at Makua: shingle roof: corrug. over door, S.E. side
Bago	35'		55'	20		Point on edge cliff
Arm	19°34'		154°54'	25-30		Cairn and pole on flat point.
Star	34'		54'			" " on grass spot.
Wend	34'		54'			Pinnacle rock at Point: has odd projection.
Hap	34'		154°53'			Conical cairn built on ruins of old stone ho. 1/2 mi. NW. of Sand Hill, on shore
End	19°33'	1668 127	154°53'	880 770	30	Point on large cairn at Waiakehiula. See sheet "O."