

63
STA
1914

3441

C. & G. SURVEY,
LIBRARY AND ARCHIVES
AUG 11 1914
Acc. No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. Pittman
Superintendent.

State: *N. D.*

DESCRIPTIVE REPORT.

Top. Sheet No. *3441*

LOCALITY:

191

CHIEF OF PARTY:

3441

DESCRIPTIVE REPORT.

To accompany topog. sheet "L"; sta. Kipaepae to Keaiwa Cairn, Island of Hawaii.
Eoline K. Hand, Asst., Chief of Party

consequence, more vegetation, and more people. The coast is for the most part cliff line of varying height, and behind are alternate stretches of rough lava (aa) and smooth lava (pahoehoe) and covered, except close to the shore, with scant growth of grass and weeds, but offering ^{substance} to herds of cattle, with which the country is covered. As before, the higher and farther inshore, the more luxuriant is the vegetation. From one to two miles inside the coast, there is a wide band of sugar cane, extending from South of Naaleho to Pahala and beyond. This is controlled by two sugar companies, and the common boundary is in the vicinity of Hilea. The Hutchinson Sugar Plantation Co. has Offices

LIST of POSITIONS

to accompany topog. sheet "E", sta. Kipaeapae to Keaiwa Cairn, Island of Hawaii.

Eoline R. Hand, Asst. Chief of Party.

Suggestions for offshore.

Name	#	D.M.	λ	D.P.	Hel.	Description and symbols.
Next	197		155°34'			See sheet K.
Grove	1946	254 1591	155°36'	329 1436	2125 unseen	Centre of grove Eucalyptus trees tops some hills as Kapuna 2. Left tangent group, Aripooapag, and Aripuna 3 in range on bearing N 42 W (mag)
Wally	1941		155°34'		184	Paint on end stone wall.
Edge	1940		155°33'		200	" " edge cliffs below yellow soil.
Top	02		33'		250	The highest point of land along cliffs: at edge of grass & above eroded bank about 25 m. above, and to right (S) of Paint spot 0 "Edge". Shows up down coast.
Bur	02		33'		160	Paint on end stone wall.
Cor	08		33'		330	" " cliff corner: seen from Honuapo wharf as head land.
Line	1943	93 1502	33'	670 1084	50-55	" many crossed lines. orient A Honuapo.
Live	03		33'		60	shack, one of 2 about 10 m apart, most S. ly.
Spot	03		33'		40-50	Paint " " edge cliff on N side point.
Dan	1944		33'		65-70	" on cairn edge cliff on S. side deep cove, & inside ledge of water line.
Woe	04		33'		70	" many spots on lava outcropping.
Cum	04		33'		40	" edge cliff S. side cove, and RR cut.
Cut	04		33'		235	Centre of RR cut at track: highest part cliffs.
Ed	1945		33'		55	Paint (possibly spots) on cliff face at point bet. RR cut & wharf at Honuapo.
Sugar	05		33'			S. gable Sugar warehouse at Honuapo.
School	05		155°32'			School, br. yellow, N.E. of mill, Honuapo.
Ruin	06		32'			Paint on cairn at ruins old stone house.
Joe	1946		32'			" " highest rock at S. edge rough lava.
Hal	06		155°31'			Low, long stone house at point: grass roof.
No	06		31'			Paint: near shore, about middle smooth lava area.
Grass	1947		31'			Grass house, N. side cove, at junction smooth and rough lava.
Zoe	1948		31'			Paint on high rock.
Pun	1949		31'			" " cairn, with pole.
School	1948		155°32'		235	Govt school at Hilea: br. yellow, red roof: black water tank E. end, six windows on S. side arranged in two sets of three.
Hot	1947		155°31'			" " S. side narrow reach.
In	07	557	155°30'	1848 166	45	" " sharp pinnacle 25 m. inside: highest around. orient same home.
Fit	07		30'			" "
Aug	07		30'			" " wall S. side entrance to bay S. of Punaluu.
Sew	1948		30'			College, white: shingler roof extends out, forming porch: faces sea.
Shed	08		30'		45	Shed, white: just 45 m. E. of Warehouse at Punaluu.
Sore	08		155°29'			Paint on highest rock.
Lap	08		29'			" " large, loose stones on smooth lava.
ILL	08		29'			" " pile of water-worn stones on lava mound.
Big	08		29'		55-65	Large whitewashed cairn.
Burn	08		155°28'			Paint on smooth rock on flat lava, 10 m. back from edge cliff.
Wat	08		28'			" " pile smooth rocks 25 m. inside edge cliff.
Drink	08		28'			" " horseshoe wall of stones: water to drink in pit below.
Pig	08		155°27'			" " rocks.
Bush	1946	329 816	155°32'	722 1031	2340 2000	Bush on highest part Pu Enuho Out. Identify as Pu Enuho, which is about 100 m. ENE.
Pur	1949		155°27'		55	Yellow hill: pyramid white cement at top: survey mark.
Ned	09		27'		45	Sharp lava pinnacle.
Wet	09		27'			Paint on small cairn: hot deep cove: fresh water at cove: see note on sheet.
Top	09		27'		90	Large cairn on highest lava mound: paint on mound.
Vin	09		155°26'			Paint, large circular spot, where lava pours over cliffs.
Vim	09		26'		65	" " where cliff makes out to point.
Dip	1940		26'		75	" " on sharp lava top, resembling house gable.  at edge cliff.
Dig	10		155°25'		40	A sharp cliff corner.
Sup	10		25'			Paint 
Rage	10		25'			Large awash rock.
Hat	10		25'		160	Prom shoulder: Paint, many Δ s.
Off	10		25'			Awash rock.
Dil.	1944		25'			Sharp cliff point, where cliff turns in shore.
Rag	11		25'			Paint on cliff point, whitened by salt spray.
Spug	11		155°24'		30	" " "
Snag	11		24'		70-75	Large lava mound, about 15 m. higher than surrounding flat lava. 
Pug	11		24'			Paint on pile stones at sharp point.
Verd	11		22'		160	Hill, green topped.