

DESCRIPTIVE_REPORT

To accompany topographic sheet "D", Waipio Valley to Union Mill, Hawaii. Eoline R. Hand, Asst., Chief of Party.

This s heet embraces within its limits the highest cliff line, the deepest gulches, and the wildest and most picturesque country of the entire island. Between Waipio valley and Pololu Gulch the land slopes back from the sheer cliff edge to over a mile in height: this wild and almost inaccessible region is cut by many exceedingly deep and steep sided gullies, but due to the difference between the land slope and that of the gulch bottoms, some break through the cliff line very inconspicuously, giving no hint of the ruggedness behind. Waimaqu Valley comes next to Waipio in size: at one time much rice was raised here but now the land has been allowed to degenerate into the original swamp. About fifteen persons are now living here. Rice is grown in Polulu Gulch and many people live there, but the other gulches which break through at sea level are not under cultivation, excepting Honakane, which grows a little taro.

There was an extensive landslide during or about the year of 1910 and this spot shows up a conspicuous yellow scar:its centre is listed and should make an excellent off -shore hyd.signal. There was a similar slide many years ago at the spot marked Laupahoehoe, which means "flowing out of Rock" but this one is now vegetation covered: one family lives here and they grow successfully tomatoes, papayas, mangoes, and cocoanots: their garden is obviously free from molestation. Small boats can make a successful landing on the smooth boulder-shingle beach 200 m. West of house.

Little can be said of the islands: they are merely

smooth wedge shaped masses of rock, very sheer.

The bay at Honokane Iki offers fine protection and landing facilities for smallboats. Note should be made of the off-shore sunken rock: aside from this the water between Polulu and Waipio appeared free.

Considerable shoal water was noticed between Keokea Harbor and Akokoa Pt.and there is more or less coral offshore from here Westward to limit of sheet.

Westward from Pololu every available bit of space is cane planted: the pine trees and bushes shown along coast are planted there to serve as wind break for the came, for the N.E. trade sweeps stiffly across this Kohala Point almost incessantly: every tree in Kohala leans noticably toward the S.W.

There are four sugar plantations on these sheet limits: Halawa, between Niulii and Kohala Sugar Co, is not shown as it is a mile or more inshore and is not seen from sea. There are in all five plantations in Kohala, the fifth is on next sheet: the official names are shown.

The "Hawaii Railway Co.Ltd" has a line from Mahu-kona to Niulii Mill, its Eastern terminus. Its main province is the transporting of sugar from the thive plantations to Mahukona, but it also handles general freight; passenger business is not catered to. Japanese motor busses handle this traffic and very cheaply, up on the main govt. road. This road runs from Polulu Gulch and from Niulii Mill Westwaed through Kapaau P.O. to limit of sheet as indicated. It passes on to Mahukona.

The road shown as going up from R.R. station at Union Mill cuts the main road at right angles at a point slightly off the edge of sheet, and continues up toward Waimea: th

An'irrigation company built a ditch into the high country behind the large gulches above mentioned for the purpose of supplying the five sugar plantations with water for irrigating purposes. This is a remarkable piece of engineering: it winds around the heads of the gulches, up above Polola, Honokane, Honokea and the others, for the most part tumneled through, solid rock, and collects the seepage. This Co. built a trail into the interior, running East to beyond the head of Honopue Gulch.

Eline R. Hand

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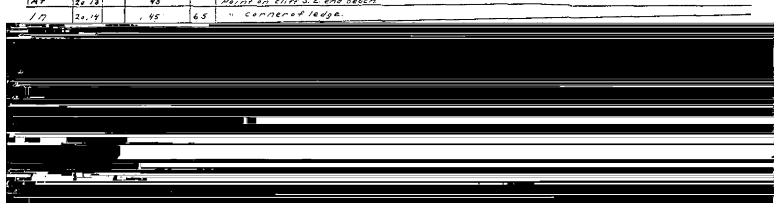
	icona	to Miblii	Will its	Aastern terminus. Its main province is the transport-	
2	N:Usa				
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LIST of Positions

to accompany topog. sheet "I", Waipio Valley to Union Mill, Hawaii Co.T. H.

Eoline A. Hand, Asst, Chief of Party.

Bat Cone Dub		2M. 1486 359	λ 155° 36 36	17.P. 178 1465		Description, and symbol. (various devices and figures in point) Paint, D
Bat Cone Dub	08	337		7 50		1/ 3////.
Cone Dub	28				25	" on mound at edge.
D46		ı	36		2/0	where the fine rock and dust sifting over edge hosformed a semi cone against cliff *
	1		36			Paint on two rocks at edge slide.
Vet	08	-	36		70	Paint.
Met	uf.		155 37		4	A choc. drop shape rock at H.W.M. at point
	08		37			Paint.
Bit	08	-			10	" junction cliffy beach, E side Woimany Volley.
	08	673	!	623		Seagable 2 story house: circle of point below.
West 2.	- i	773	38		15	Paint on cliffs, W. side Waimony Valley.
	09		38	-	10	Paint, solid square.
	09		38	_	8	* envery large rock.
	09		38		_	Waterfull and pool E. end Lauponoehoe slide.
	09		155 39		12	Point top shorp pointed rock
House 20	10 /	725	39	676		Centre house of Laupohaehoe: papaya trees or ound.
	10	·	39	, - , ,	0	woterfoll and 1000/.
Go	10		35		5	Paint at waterfull, 19
Tree	10		155 40			Paint on Pahala tree.
	10		40		15-20	, O
	10	1	40		8	" on stronge pin rock points inword.
Two	10	. !	41		10	, a
J4+	10	1	41		15	" on rock suffing out from cliff side.
Hon	10	- 	41		3	" junction cliff + beach, W. side Honopue Gulch.
Fall 20	//	ì	41			Waterfall
Turn	"		41		0	Point between Honokea and Honopue gulches.
Shaff	//	,	155 42			Smallest of 3 islands, apin rock.
Win	//		42			Inside point middle sizedisland; outer island.
Sim	77		42			" largest is land.
Low	//		42			Waterfull.
Nice	//		43		3	A round toprock just of base shorp cliff pt. 4. side HonoKane lki Bulch.
Pue 2.	12		43			Sunction cliff + beach W. Side Honokane gulch.
Roc	/2	\Box	43		4	Larger + more Ely of 2 offshore rocks off Pololu.
	/2		43			Paint junction cliffs beach on E. side of Pololy Gulch
	12 18	63	155 44	1203		" v · v · W. v · · · ·
	/2	\dashv	44			Shorp point about 20 m. N. of grass covered slide.
	/3		44		15-20	Paint on outer large rock offshore, Akokoa Point " Point we size entrance to little day.
014	/3		44			Highest point of innermost of 3 flot islets E of Nivili mill: highest point of all three. Paint convertations immediately below Nivili Mill.
Heo .	/3		44		30-35	Paint of Point E. Side Meakes Harbor.
F 917 1	/31	1	155 45		25.30	" leage, middle point Keokee Harbor. Awosh root, most Wily of three.
1A+ 20			45			Point on cliff S. E end seach
117 20.	. 14		. 45		65	" corner of ledge.



Applied to compilation 4140 3.M. a. June, 1941