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C. & G. SURVEY,
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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.

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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

Eoline R. Hand, Asst. Chief of Party

Name	P	D.M.	X	D.R.	Hei	Description
End	20 03	763 1082	155 21	1675 29	100-30	See list for sheet "B" whitewash spot near top cliffs.
Next	20 03	1114 737	155 22	328 1718	10-15	Outer point of base perp. cliffs; inside low, flat pt.
Din.	20 03	1380 300	155 22	955	10-15	" " " " " W. side gulch; point
Crush	20 03	774 878	155 22	1588 728		Stone crusher conspic. from seaward.
Duck	20 03	1641 204	155 22	1256 587	10-15	Outermost pt. of base perp. cliff; where long, low, narrow pt. makes out.
Vect	20 04	84 1761	155 23	202 1801	35-25	" " " " " "
Sol	20 04	753 1570	155 23	737 1801	2	Outer end long, low, flat rock offshore.
Dan	20 04	744 1742	155 24	1630	45-30	Point at cliff edge where small gulch breaks through.
Burn	20 04	1318 1318	155 24	741 1282	40-60	Outer cor. pt. resembling step; conspicuous; sketched.
Tin	20 04	1412 363	155 24	833	3	Centre of round, flat rock, 20' diam. offshore.
Yes.	20 05	180 180	155 25	175		Point on shelving rock where very small gully allows access to top of cliffs.
Tab	20 05	1633 1633	155 25	1453	110	Longer rock extending over cliff edge at outer pt. cor. out W. of base here.
Gang	20 05	1380 363	155 25	840 703	3-5	Highest and most W. 2 small rocks just off end long point.
Turn	20 05	760 1023	155 25	1553 182		Point part way down cliff side, above big circular flat rock.
Cab	20 05	993 993	155 26	138 1605	12	Point on pinnacle rock, E. end sand beach, Kaula Valley Gulch.
Off	20 05	1844 844	155 26	242 1301	4	Highest of offshore rock.
He	20 05	985 160	155 26	184 127	15	Point E. side.
Our	20 05	1815 1815	155 26	1653	5-15	A knob of rock on outer end of large, flat rock point; deep pool on W. side. Point at base cliffs is NOT located.
Cor	20 05	1233 1013	155 26	786 127	110	Second longest + most E. of 3 bldgs. at Poushau Ldg. white derrick at foot.
Note	20 05	1373 373	155 26	988 333	3-5	Outer end long, narrow pt. jutting out towards bays.
Pav	20 05	1469 376	155 26	140 143	15-20	outer point, where cliffs meet loose rocks.
Nine	20 05	1642 203	155 27	134 134	40-50	Conspicuous pinnacle rock.
Bar	20 06	220 1633	155 27	1128 675	140	Lane Pohala tree edge cliffs.
Put	06	242 1583	27	130 130	15	A sharp needle of rock out on sloping point; sketch.
Run	06	371 1712	27	157 157	2	Centre of flat offshore rock; most E. of several.
Oil	06	402 1443	28	60 1633	50	Point on cliff edge at point.
Bel	06	334 1457	28	442 1301	30	Point on low sloping point.
Rise	06	1325 1325	28	1325	5-10	Derrick.
Saw	06	1648 1447	28	523 523	50	Point on cliff edge.
Dub	06	1649 1649	28	845 845	70	Sea end of highest gable of double bldg. at Hanaka Ldg. painted grey.
Be	06	1206 1206	28	1206 1206	0	Base cliffs at sharp point. Identifying point on Pohala tree above.
Lo	06	1731 1731	28	1122 641		Outermost cliff edge as seen from landing bldgs.
Pipe	06	914 914	29	1642 101	60	Point of small gully.
Own	06	1835 1835	29	422 1301	2	Offshore rock.
Well	06	1244 641	29	157 157	10-20	Pinnacle rock, extreme end narrow point; sketch.
Shed	06	1619 1619	29	1573 1573	85	Native house out on Kamahehaha Pt. Very conspicuous; wh. point on rocks nearby.
Hama	06	1526 1526	30	1337		Highest + most E. of 2 pinn. rocks at end long, narrow point.
Mai	06	1727 68	30	940 803	30	Point at point.
Co	06	1684 161	30	892 537	80	Whitewashed cottage at Maloe Pt.
Nice	06	1554 237	30	1062 881	10	Point W. side gulch.
Hon	06	1623 1623	30	1733	0-5	BASE of cliffs at gully; identifying point ABOVE. Lone small plant near.
Duan	07	1623 1623	31	1623	5	End of long, wide, flat, round ended pt.
All	07	142 142	31	1245	5	" " " narrow - Point: deep water fissure on W. side; identifying point on cliffs above.
House	06	1735 1735	31	1573	290	Centre conspicuous white house; sketch.
Dub	07	1600 1600	31	1573		Point of small gulch above double point.
Long	07	1600 1600	31	1600	225	Point at edge cliffs at point.
Isle	07	1600 1600	31	1600	5	Off shore rock.
Is	07	1600 1600	31	1600	2-5	Centre of pool at end long, flat, rounded point.
Art	07	1600 1600	31	1600	40	Point on edge cliffs.
Aban	07	1555 1555	33	1555	20-30	Point on rock in bed of creek at point.
Sam	07	1531 1531	33	1531	50	Point on, stone abutment at end of track.
Lee	07	1531 1531	33	1531		Derrick at Kukulua Ldg.
Bot	07	1557 281	33	1532 812	0-5	Base cliffs where extension of gable of LIFT would cut; on line between 2nd centre & bay.
Terrace	07	1545 300	33	1563		Point at Terrace Point W. of Landing at Kukulua Ldg.
Cent	07	1364 1364	34	1442	25-30	Point at point, on rock.
Poi	07	1687 738	34	737 1680	15	White cottage at Hanaka Ldg. Pt.
Slope	07	1711 1711	34	1718 1718	15	Point on rock on cliff.
Hon	07	1701 1701	35	1701	10	Point on large rock.
Stone	07	1600 1600	35	1600	20	Coir on stones on sand dune at E. end beach at Waipio Valley; painted white.
Office	07	1338 1487	35	133 1610	940	North corner immense frame office Hematite Inrig. Co. E. side Waipio Valley.
Coco	07	1725 1725	35	1432 377		Point on two outermost coconut trees at valley.
Cave	07	1682 1682	36	1632	10-15	Point where cliffs join beach, W. side Waipio Valley; cave below.

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