

ISLAND OF LĀNA'I: SURVEYS AND PROCEEDINGS OF THE BOUNDARY COMMISSION IN THE YEARS 1876 TO 1891

This paper, a compilation of Hawaiian Kingdom survey notes from the Island of Lāna'i, was prepared by Kepā and Onaona Maly (Kumu Pono Associates LLC), as a part of a detailed ethnographic study on Lāna'i. The documentation represents a significant record of traditional and customary knowledge of native residents of Lāna'i, with personal informant memories dating back to ca. 1800.

Following the Māhele 'Āina, there was a growing movement to fence off land areas and control access to resources, which native tenants had traditionally used. By the 1860s, foreign land owners and business interests petitioned the Crown to have the boundaries of their respective lands—which were the foundation of plantation and ranching interests—settled. In 1862, the King appointed a Commission of Boundaries (the Boundary Commission), whose task it was to collect traditional knowledge of place, pertaining to land boundaries, customary practices, and determine the most equitable boundaries of each ahupua'a that had been awarded to Ali'i, Konohiki, and foreigners during the Māhele. The commission proceedings were conducted under the courts and as formal actions under the law. As the commissioners on the various islands undertook their work, the kingdom hired or contracted with surveyors to begin the surveys, and in 1874, the Commissioners of Boundaries were authorized to certify the boundaries for lands brought before them (W.D. Alexander in Thrum 1891:117-118).

Primary records in this collection from Lāna'i were recorded between 1876 to 1891. The records include testimonies of elder kama'āina who were either recipients of kuleana in the Māhele, holders of Royal Patent Land Grants on the island, or who were the direct descendants of the original fee-simple title holders. The narratives that follow, include several sources of documentation. There are examples of the preliminary requests for establishing the boundaries; letters from the surveyors in the field; excerpts from surveyor's field books (Register Books); the record of testimonies given by native residents of Lāna'i; and the entire record of the Commission in certifying the boundaries of each ahupua'a on Lāna'i. The resulting documentation covers descriptions of the land, extending from ocean fisheries to the mountain peaks, and also describe—traditional practices; land use; changes in the landscape witnessed over the informants' life time; and various cultural features across the land.

The native witnesses usually spoke in Hawaiian, and in some instances, their testimony was translated into English and transcribed as the proceedings occurred. Other testimonies from Lāna'i have remained in Hawaiian, untranslated, until development of this manuscript. Translations of the Hawaiian language texts below, were prepared by Kepā Maly as a part of this research project.

Place Names and Features of Lāna'i Cited in Surveys of the Boundary Commission

Among the most important documentary artifacts of the historical record are the surveys compiled by the Kingdom Survey Division and Boundary Commission, which identify place names and features on the cultural landscape of Lāna'i. In place names we find evidence of traditional knowledge and use of the land. Speaking the names also provides present and future generations with a sense of history and value—that we are a part of something of depth.

In the larger collection of historical documentation, there are more than 300 place names on Lāna'i survived the passing of time. The occurrence of place names demonstrates the broad relationship of natural landscape to the culture and practices of the people. The place names extend from the ocean and shore line of Lāna'i to the summit of the island. These names demonstrate Hawaiian familiarity with the resources, topography, sites and features of the entire island. Coulter (1935) observed that Hawaiians had place names for all manner of feature, ranging from “outstanding cliffs” to what he

described as “trivial land marks” (Coulter 1935:10). History tells us that named locations were significant in past times, and it has been observed that “Names would not have been given to [or remembered if they were] mere worthless pieces of topography” (Handy and Handy with Pukui, 1972:412). In ancient times, named localities served a variety of functions, including — (1) triangulation points such as ko’a (land markers for fishing grounds and specific offshore fishing localities); (2) residences; areas of planting; (3) water sources; (4) trails and trail-side resting places (o’io’ina), such as a rock shelter or tree shaded spot; (5) heiau or other features of ceremonial importance; (6) may have been the source of a particular natural resource or any number of other features; or (7) the names may record a particular event or practice (e.g., use for burials, or making of ko’i {adzes}) that occurred in a given area.

In 1902, W.D. Alexander, former Surveyor General of the Kingdom (and later Government) of Hawai’i, wrote an account of “Hawaiian Geographic Names” (1902). Under the heading “Meaning of Hawaiian Geographic Names” he observed:

It is very difficult, if not impossible, to translate most of these names, on account of their great antiquity and the changes of which many of them have evidently undergone. It often happens that a word may be translated in different ways by dividing it differently. Many names of places in these islands are common to other groups of islands in the South Pacific, and were probably brought here with the earliest colonists. They have been used for centuries without any thought of their original meaning... [Alexander 1902:395]

Table 1 below, is a compendium of place names of Lāna’i recorded between 1856 to 1891, as documented in the proceedings of the Boundary Commission. The following list includes several facets of information. These include: (1) the original spelling as recorded in the primary documents; (2) characteristics or features of the locality (where located); the modern spelling, by use of diacritical marks (macrons and glottal marks) when known; and translations of the place names when known (the later being literal (lit.) or interpretive (int.) based upon local knowledge of place.

The notes of surveys and testimonies list ninety-one (91) place names, most only found along boundaries between ahupua’a. Many of the place names remain in use on maps or among some residents, others, have been lost from modern usage.

Table 1. Place Names of Lāna’i Documented through Surveys of the Boundary Commission

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Awalua	Village site and landing on coast of Paomai	—	Twin landings.
Ehoehonui	Site of some large rocks in a hollow on the boundary between Palawai and Kealia Aupuni Ahupuaa.	‘Eho’ehonui	Large pile of stones.
Haalele Paakai	One of two main summit peaks of Lanai Hale. A water hole in the mountain ridges called Haalele Paakai.	Ha’alele Pa’akai	Salt discarded or set aside.
Halala	A place along the old trail (road) and near the boundary of Mahana and Paomai Ahupuaa.	Hālala	Big, swollen, large.

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Hale o Lono	An ancient heiau on the coast, that marks the boundary between Paomai and Kaa.	—	House of the god Lono.
Halepalaoa	An inlet and village on the windward shore of Lanai, which marks the boundary between Pawili and Kaohai Ahupuaa.	—	Whale house.
Honowai	A village site in Paomai, east of Awalua.	—	Fresh water cove.
Honuaula	A village site in Paomai, east of Awalua.	Honuaʻula	Red earth
Hookio	Gulch that crosses the Maunalei-Kalulu boundary.	Hoʻokio	To whistle.
Ka Ili o Lono Ili o Lono	Site of an ancient heiau, near the former house site of Papalua. Situated on the boundary between Kalulu and Kamoku Ahupuaa.	Ka ʻIli o Lono	The land division of the god Lono.
Kaa 19468.31 Acres	An ahupuaa of Lanai, on the northwest-facing side of the island.	Kaʻā	The burning or rocky area.
Kahea	Site of an old heiau in Pawili Ahupuaa.	Kāheʻa	Red streaks, bloody.
Kahimanō (Kahemanō)	Site of a coconut grove and village on shore of Kaohai	Kahemanō	Shark channel (causeway).
Kaholoiki	A ridge along the lower boundary of Maunalei and Mahana.	Kāholoiki	The little runner.
Kahue	A village site in Paomai, east of Awalua.	—	The gourd.
Kaiholena	A water hole and valley on the leeward side of the island. The valley crossed from Kalulu into Kamoku Ahupuaa.	—	The yellow interior (a native banana).
Kakaalani	A place situated along the boundary of Mahana and Paomai, having been identified as the “crest of the watershed;” and about 500 feet N.W. of Keoni’s house.	Kakaʻalani	Rolling, turning over the heavens.
Kalama	An ili of Kamoku Ahupuaa.	—	The torch (light).

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Kaluanui	Situated on the boundary between Kealia Kapu and Kealia Aupuni (in the basin).	—	The big pit.
Kalulu 5945.19 Acres	An ahupuaa of Lanai, one of three which crosses from the leeward to windward side of the island. Kalulu Valley, situated within the windward portion of Kalulu.	—	The sheltered place.
Kamao 2715.1 Acres	An ahupuaa of Lanai, on its leeward side.	Kama'o	The ma'o (Gossypium sandvicense) plants.
Kamoku 8291.09 Acres	An ahupuaa of Lanai, on its leeward side.	—	The district of land.
Kanaele	A village site in Paomai, east of Awalua.	—	The rocky crevices.
Kanepuu	"A commanding hill N.W. of the central plain, which was selected for a primary triangulation station;" In the ahupuaa of Kaa.	Kānepu'u	Hill of the god Kāne.
Kaniuau (Kaneuwau)	A hill on the mauka slopes along the boundary of Kaohai and Kamao Ahupuaa.	Kani'ua'u (mistakenly written Kaneuwau)	Moaning of the 'ua'u ('uwa'u) birds (the dark rumped petrel).
Kaohai 9677.22 Acres	An Ahupuaa on the south eastern side of Lanai	Ka'ōhai	The 'ōhai (Sesbania tomentosa) plant.
Kapalaoa	One of the old village sites along the shore of Kealia Kapu.	—	The whale (ivory).
Kapano	A valley land which forms a boundary between Kamoku and Kalulu Ahupuaa.	—	The darkness or unknown (descriptive of fog and cloud cover).
Ka Pohaku Ahi Pohaku Ahi	An area along a gulch near the upper boundary of Paomai and Mahana (near the divide between Paomai and Mahana gulches).	Ka Pōhaku Ahi	The fire stone.
Kauhee Kekauhee Kauhe	A point on the between Kealia Kapu and Kaunolu, where the gulch enters the Palawai Crater.	Kauhe	Step and slide (interpretive).

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Kaumalapau	The village and harbor area that forms the boundary between Kalulu and Kamoku Ahupuaa; is an ili of Kamoku.	Kaumālapaʻu	(Descriptive of a planting area that requires much work to produce a crop.)
Kaunolu 7869 Acres	An ahupuaa of Lanai. One of three lands that crosses the island from the leeward to windward site Noted for the “Heiau Kaulana o Kaunolu” (Famous Temple of Kaunolu), near the boundary of Kealia Kapu and Kaunolu	Kaunolū	(meaning uncertain)
Kaupakuea	Small ravine that marks boundary between Palawai and Kamao Ahupuaa in Manele Bay.	—	Ridge pole of a house.
Keaaku	A small ravine below Kapano and above the edge of Palawai Crater. A boundary point along Kamoku and Kalulu.	Keʻaʻakū	The brave, upright one (interpretive).
Kealakole	Area near boundary of Paomai and Mahana Ahupuaa, by trail to shore, and white house.	—	Red earth path.
Kealia Aupuni 4495.36 Acres	An ahupuaa of Lanai, on its leeward side.	Keālia Aupuni	The salt beds of the government.
Kealia Kapu (Kealiakapu) 1829 Acres	An ahupuaa in the Kona District of Lanai.	Keālia Kapu	The sacred/restricted salt beds.
Kinokapuaa	Ridge line between Waiakapuaa and Wahane, on Maunalei-Kalulu boundary.	Kinokapuaʻa	The pigs body.
Koele	An area near the boundary of Mahana and Kamoku Ahupuaa, where once stood an ahupuaa (stone marker where tribute as offered). “Appr. Elevation of the water shed near the road from Maunalei to Kamoku = 1750ft.”	Kōʻele	Darkness born upon the wind (int.) Describing the dark mist born down into the region of the upper mountain range.

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Koloiki	A dividing ridge on the west side of Maunalei Valley.	—	Little creeper (to walk bent over).
Kuahuluai	One of the old village sites along the shore of Kealia Kapu.		Two shrines (the smaller section).
Kuahulanui	One of the old village sites along the shore of Kealia Kapu.	—	Two shrines (the bigger section).
Kuanaipu	A location between Puu Nanai Hawaii and Ili o Lono, near the boundary of Kalulu and Kamoku.	—	lpu (gourds) standing up.
Lae Paakai	A large pile of stones on the shore boundary between Kealia Aupuni and Palawai.	Lae Paʻakai	Salt point (an area of salt making in traditional times).
Lae wahie Ka Lae o ka Wahie	A point on the shore that forms the boundary between Paomai and Mahana Ahupuaa.	—	The firewood point (a place where debris washes up).
Lonopoko	A ridge along the Maunalei-Mahana boundary, below Naio.	—	Short Lono.
Mahana 7973.37	An ahupuaa of Lanai, on the north-facing, windward side of the island.	—	Warm.
Maiaele	A heiau, near the shore of Kalulu and Kaunolu. The description places this on the leeward (Pali Kaholo) side of the ahupuaa.	Maiʻaʻele	Black banana.
Makoa	A small ravine in the eastern wall of the Palawai Crater on the boundary between Kealia Kapu and Kealia Aupuni, near the foot of the bench.	—	Fearless.
Makole	Place on the shore between Kamao and Kaohai Ahupuaa.	Mākole	Inflamed, red.
Mamaki	One of the old village sites along the shore of Kealia Kapu.	Māmaki	A native tree (Pipturus spp.).
Manele	Ancient canoe landing and harbor crossed by the boundary between Palawai and Kamao Ahupuaa.	Mānele	A litter or chair.

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Maunalei 3794 Acres	Ahupuaa & Valley in the Koolau District of Lanai.	—	Mountain garland.
Mauna Umi	Prominent hill and triangulation station on the kula of Kaohai Ahupuaa.	Mauna ‘Umi (Mauna o ‘Umi)	‘Umi’s mountain.
Naio	Gulch that crosses the Maunalei-Mahana boundary.	—	The bastard sandalwood tree.
Oanapuka	Arch on the boundary of Kealia Kapu and Kealia Aupuni.	—	Opening in the rock face (arch).
Palawai 5897.1	Ahupuaa which crosses the entire island of Lanai. Name also given to the crater which forms the central basin of the island.	Pālāwai	Fresh water moss.
Paliakoa	A gulch where Kamao, Kaohai and Palawai meet.	Paliakoa’e	Cliff of the tropic bird.
Palikea	Area on the eastern side of the ravine that marks the boundary between Palawai and Kamao Ahupuaa.	—	White cliff.
Panau	Site of two houses on coast of Paomai.	Pānau	To move up and down (as the sea).
Paomai 9078.37 Acres	An ahupuaa of Lanai, on the north-facing, windward side of the island.	Paomaʻi	Sick Pao (reportedly a traditional resident of Lānaʻi).
Papalahoomoe	Gulch at the upper end of Maunalei, along the Kalulu boundary.	Pāpalahoʻomoe	Prostrate pāpala (Charpentiera) tree.
Pawili (Paawili) 1785.8 Acres	An ahupuaa of Lanai. Its primary land is situated on the windward side of the island, though there is a Lele (detached) portion that extends into Palawai Craters along the boundary of Kealia Aupuni and Palawai. The Lele does not extend to the sea on the leeward side.	Pāwili	Blow and twist (lit.) Descriptive of the buffeting winds. In some instances, in early written form, occurrence of two of the same vowels indicated lengthened sound in pronunciation (like a macron).
Piliamoo	Location on the boundary of Paomai Ahupuaa.	Piliamoʻo	Cling like a lizard.
Pohakuloa	A large rock below the old Government Road, on the boundary between Kealia Kapu and Kaunolu.	Pōhakuloa	Long stone.

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Pohakuloa	A sandy hill on the boundary between Paomai and Kaa Ahupuaa. Kapuniai's house was situated along gulch above here.	Pōhakuloa	The long stone.
Pohaku Pukapuka Pohakupukapuka	Stone situated on the bench, that marked the ahupuaa boundary between Kealia Kapu and Kealia Aupuni. Place where in ancient times tribute was collected.	Pōhaku Pukapuka	Stone with holes in it.
Pohoula	Situated near boundary between Paomai and Mahana Ahupuaa. "At its foot was the general burying ground for this part of Lanai in ancient times."	Poho'ula	Red hollow or depression.
Pulehuloa	Bank that forms a northern wall of Palawai Crater, near the Kalulu-Kamoku boundary. Not far from Keliihananui's house.	Pūlehuloa	To broil (cook) for a long time.
Puu Alii	A high hill on the leeward side of the island, divided between Kalulu and Kaunolu Ahupuaa.	Pu'u Ali'i	Chiefly or Royal hill.
Puu Kauwela	A hill along the boundary between Paomai and Mahana Ahupuaa.	Pu'u Kauwela	Summer hill; Hill of the hot season.
Puu Mahanalua	Hills in uplands of Kamao Ahupuaa.	Pu'u Mahanalua	Twin peaks.
Puu Makani	A hill on the mauka slopes, of Kamao Ahupuaa. An ancient burying place.	Pu'u Makani	Wind Hill.
Puu Manu	A hill at about the 2070-foot elevation in Kaohai Ahupuaa. One of the Triangulation Stations references by the surveyors.	Pu'u Manu	Bird hill.
Puu Nanaihawaii	A hill on the plains, near the Kamoku-Kalulu Ahupuaa boundary.	Pu'u Nānā i Hawai'i	Hill from which to look to Hawai'i.

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Puu Nene	A hill near the boundary between Kalulu and Kamoku Ahupuaa, between Kapano and Kaiholena.	Puʻu Nēnē	Goose hill.
Puukukai Pukukai	Hill on the western edge of Hookio-Maunalei boundary.	Puʻukūkaʻi	Hill upon which guards are posted.
Puupane	A hill near the boundary between Kamoku and Kalulu Ahupuaa, above Kapano.	Puʻupane	Top of a hill.
Puupehe	Islet and cove on leeward coast of Palawai Ahupuaa.	Puʻu Pehe	Hill of Pehe.
Puu Ulaula	Hill along the Kalulu-Kaunolu boundary, where was situated a sheep pen belonging to Maakuia at the time of survey.	Puʻu ʻUlaʻula	Red Hill.
Wahane Uahane	Summit of hill near top of Maunalei-Kalulu boundary.	Wāhane	Seed of the loulu palm (cf. hāwane).
Waiakaahu	Spring and branch of the main gulch between Kealia Kapu and Kaunolu.	Waiakaʻahu	Spring of the altar.
Waiakaiole (Waiakirole)	A gulch that forms part of the boundary between Palawai and Kealia Aupuni.	Waiakaʻiole	Spring of the rat.
Waiakapuaa Waiakapua	Gulch that runs along the boundary of Maunalei and Kalulu. In the uplands, a spring, from which Wahane is the next upland marker.	Waiakapuaʻa	Waterhole made by the pigs.
Waiakeakuaiki	Spring and branch of a gulch the runs from Kaohai into Palawai Ahupuaa.	—	Water of the gods (smaller section).
Waiakeakuanui	Spring and branch of a gulch the runs from Kaohai into Palawai Ahupuaa.	—	Water of the gods (larger section).
Waiapae Waiopae	Boundary between Palawai and Pawili Ahupuaa, on the windward shore of Lanai.	Waiaʻōpae	Spring of shrimp.

Table 1. Place Names of Lānaʻi (continued)

Place Name	Characteristic/Feature	Alternative Spelling	Meaning
Waiapaa	A gulch that adjoins Waiakaiole and forms a lower part of the Palawai-Kealia Aupuni boundary. The principle watering place of the region.	Waiapaʻa	Steady spring (water always present).
Waikekee	A part of the gulch below Waiapaa and Koi, which drains into the crater.	Waikekeʻe	Twisted water.
Wawaeku	Conspicuous hill on boundary of Maunalei and Kalulu.	Wāwae kū	Foot print.

Below (Table 2) are the names of native residents and witnesses on Lānaʻi boundaries, most being present for surveys taken between 1876 to 1877.

Table 2. Names of Native Residents of Lānaʻi and Witnesses to Surveyors (1876-1877)

Hoa	Keliihue
Kaai ai	Lauaole
Kahikanaka	M. Nalekipi
Kaka	Mika
Kamai	Nahuina
Kapunia i	Ohua
Kauakipoolapa	Pali
Kaunele	Pane (Fanny Kekelaokalani Young)
Kawaaiki	Papalua
Kawaonahale	Puupai
Kealaiki	Samuela
Kealakaa	Walter M. Gibson
Keliihananui	

Lānaʻi: Communications of the Interior Department and Surveyors

The letters below (from the collection of the Hawaiʻi State Archives), are representative of the communications from the Interior and Survey Departments, documenting the process leading up and conducting surveys on the island of Lānaʻi. One interesting point found in the letters is that Surveyor, M.D. Monsarrat encountered trouble with several native informants on Lānaʻi. A fact which he attributed to the influence of Walter Murray Gibson.

Lahaina 2nd Nov. 1866

P. Nahaolelua; to G.M. Robertson, Boundary Commissioner:

Ke waiho aku nei au ia oe i kahi palapala ma ka inoa o Fanny Kekela no kona mau aina i loa ma ka "Palapala Hooke" Ahupuaa. Eia na inoa:

Maunalei i Lanai...

...E hooponopono ia keia mau aina i ka wa kupono... [Hawai'i State Archives, Interior Department Lands]

I set before you a letter in the name of Fanny Kekela, pertaining to the lands awarded to her as Ahupuaa. Here are the names:

Maunalei on Lanai...

Certify these lands when time permits... [Maly, translator]

Honolulu. 31st, Dec. 1866

**G.M. Robertson, Commissioner of Boundaries;
to His Excellency The Minister of the Interior:**

...An application has been filed with me, on behalf of Madame Fanny Young Kekela, for the settlement of the boundaries of the Ahupuaa of "Maunalei," on the island of Lanai, which, I am informed, joins a land called "Kalulu," belonging to the government.

A survey of "Maunalei" has been deposited in my office to which I invite your early attention... [Hawai'i State Archives, Interior Department Boundary Commission, Box 4]

Palawai, Lanai.

May 26, 1877

M.D. Monsarrat (Surveyor); to W.D. Alexander (Surveyor General):

...We arrived all safe last Wednesday evening.

Thursday, I sent for Papalua to come and show me the boundary between Kalulu & Kanolu [Kaunolu] but he did not come so I went for him and Kakā yesterday. Kakā I found, who said that he did not know any thing about any boundaries except Kealiakapu which is a lie, as he pointed out the upper part of Palawai to you, Mr. Gibson & myself, which he now denies. Papalua, I did not find as he had started for the beach. This morning I sent Kupele who found Kakā & Papalua. The latter said he did not know any thing about Kalulu, Kaunolu or Kamoku. Which is also a lie.

Kahikana[ka] I have sent for twice, but he has not come and is stopping at Manali [Manele].

Keliihue the widow of Nahuina (who showed us Kamoku boundary and part of Kalulu), I interviewed last Thursday, and she now pretends not to know much about anything. I think the trouble is that Mr. Gibson has had trouble with them by saying that they did not point out the boundaries right to us.

The boundary between Kalulu to Kaunolu I know where it strikes the sea and a short distance up to the sheep pen on Puu Ulaula also the point on the mountain called Puu Alii. Palawai I also know in a general way from what was pointed out to us and from the notes that you took while going around with the kamaainas. I suppose if worst came to worst, I could survey them, or you on the part of the Government, and Mr. Gibson for himself, could fix on a boundary.

I have come to the conclusion that the natives of Lanai are a mean crowd. It is really too bad that I should lose two days humbuging with Kamaainas. I have had a horse saddled and will go and see them now and try and arrange matters with them. I expect they are all frightened with Capt. Gibson. I have never known Kamaainas to act in this way before as

they are generally very willing to come. But when I surveyed Kealiakapu, Kaka hung back a good while before coming, and Papalua said that I would tell him he lied if he showed me the boundary. I think though I can make some arrangement with them by talking smooth and offering them some thing for their trouble. After I see them, I will write and let you know how matters stand.

Don't you think we could make them come by getting an order from the Governor telling them to come. Hoping to hear from you soon... [Hawai'i State Archives, DAGS 6 Box 1 – Survey]

Palawai, Lanai.

June 2, 1877

M.D. Monsarrat (Surveyor); to W.D. Alexander (Surveyor General):

Since writing my last letter I have found an old Kamaaina by the name of Pali who has been absent for some time. He gives his age at ninety-nine and is pretty helpless as I had to lift him off and on his horse. I could not get him to come for less than two dollars a day, but I think that he is worth it as he seems to be very honest. He puts Kamoku boundary the same as Keliihue and not wrongly as Papalua did.

I have surveyed Kaunolu boundary on this side of the mountain, also both sides of Palawai from the top of the mountain to the South wall of Palawai crater from there to the sea. I will leave until I return from the other side of the mountain, where I intend starting early Monday morning. Don't you think that I had better survey the boundary between the government land of Kamao and Kaohai which is very short and will survey with Paawili on the upper side of the island to Palawai from a survey of Kaohai. I have started to carry a set of triangles around from Puu Manu to Halepalaoa and find that it can be done with little effort and few triangles. When I was in Lahaina Mr. Gibson spoke of having me stop here and complete the survey of the island as he is very anxious for a map.

It is beginning to get very dry here and water scarce. Potatoes are also very scarce and expensive. Pai ai are a dollar apiece in Lahaina now having jumped from seventy-five cents since I came over. Mika the cross-eyed chap is very lazy and not worth any thing. A few nights ago I slept in a cave at the beach while at work on Kaunolu and made Mika lead the pack telling him to follow us, but instead he wandered off and I had to send the other native after him & the consequence was that we did not have supper until 9 P.M. which is a long stretch from 7 A.M.

I spoke to him and asked him why he did not come along with us and he answered that he did not want to be following behind us. If I send him to set a flag, he does it and then lays down and goes to sleep by it instead of returning to where we are at work. Kealaiki is a good man and works hard. I think that we will have a pretty hard time on the upper side of the island as food, water, & pasturage is scarce.

I would like you to send me by the first opportunity a kuleana book, also some of that chick fools cap for writing notes of survey in & some letter paper. I would also like very much to have the Planimeter to work up areas with, that is if you can possibly spare it.

As soon as I finish Kaunolu I will send you the notes of survey as the minister of interior is very anxious to get them. Mr. Gibson is going to start his men shearing at Palawai in a few day[s]. Hoping to hear from you soon. I remain yours...

P.S. Will you please send me half a yard or so of that uncloth backed drawing paper the 58-inch wide? [Hawai'i State Archives, DAGS 6 Box 1 – Survey]

Lahaina. Aug. 31st, 1877.

Office of the Governor of Maui

D. Mamaki, Clerk of the Maui Commissioner; to

Chas. T. Gulick, Clerk of the Minister of the Interior:

...Ua kauohaia mai ae e ke Komisina Palanea Aina o Maui, e pane aku no kau leta o ka la 27 o Aug nei, e pili ana no ka hooko ana i ka makemake o ka Pauku 1 o ka Mokuna II o ke Kanawai o A.D. 1876.

Ua hooholo ke Komisina Palana Aina i na palana o Kealiakapu, aina ma Lanai no W.M. Gibson a me ke Ahupuaa o Opana ma Hamakua no Ailuene Harbottle by S.B. Dole kona loio, a ua hoounaia aku na Kope o ka olelo Hooholo oia mau aina i ke Kuhina Kalaiaina, e like me ka olelo a ua Kanawai la, oia wale no na aina i Hooholo ia na Palana o keia Komisina. A o na olelo hooholo oia ke Komisina mua Jno. M. Kapena ua manao keia Komisina, ua hala e paha ka manawa.

Koe wale no aole paha i hoouna pu ia aku me ka Bila no ia mau olelo Hooholo i elike me ka Pauku 2 o ua Kanawai la...

D. Mamaki [HSA, Interior Department, Lands]

...The Boundary Commissioner of Maui has directed a reply to your letter of the 27th day of Aug. inst., in regard to the carrying out of the provision of Section 1 of Chapter II of the Laws of A.D. 1876.

The Boundary Commissioner settled the boundaries of Kealiakapu, a land at Lanai, for W.M. Gibson, and the Ahupuaa of Opana, at Hamakua [Maui], for Ailuene Harbottle, through S.B. Dole, his attorney, and copies of the judgments concerning those lands were sent to the Minister of the Interior in accordance with the provisions of said law. They are the only lands for which the boundaries have been settled, by this Commissioner. And the judgments by the former Commissioner, Jno. M. Kapena. This Commissioner believes that the time has elapsed.

It might be that the Bill for those actions were not sent as required in Section 2 of said Law... D. Mamaki.

Lānaʻi Testimonies and Survey Notes (1876)

In the period between 1876-1877, William D. Alexander (Surveyor General), M.D. Monsarrat (Assistant Surveyor), J.F. Brown and party surveyed the entire island of Lānaʻi, traveling with elder native tenants. Alexander's field book (Register Book No. 153; copied from the collection of the State Survey Division), covering late March and early April 1876, contains his notes, compiled through interviews and field work. The book provides readers of the present day, with glimpses into the cultural and natural landscape of Lānaʻi, and identifies several elder informants on Lānaʻi. Of particular importance is documentation of traditional sites—such as heiau, areas of residence, burial sites, shrines, former uaʻu nesting grounds, and trails. In the record are also found a number of place names and descriptions of features not mentioned in other documentary sources.

Unfortunately, few of the narratives recorded in Register Book No. 153 made it into the formal proceedings and documents of certification authorized by the Boundary Commission. The court proceedings focused on metes and bounds, relying on the authenticity and accuracy of the

documentation provided by the surveyors. Thus, the notes copied verbatim from Register Book No. 153, provide us with the background as to how the boundaries were determined, and the identify significant cultural resources of Lānaʻi.

LANAI (Memo.)

W.D. Alexander

1875-76

Register Book No. 153¹

Notes on Lanai Boundaries

At Halepalaoa March 28th, '76.

Hoa, an old Kamaaina states that the boundary between Kaohai and Paawili begins at the inlet of the sea a little south of the Church, & thence follows the bottom of the kahawai to the top of the mountain.

Kaumalapau & Kalama are both Iiis of Kamoku. Three lands run across from sea to sea, viz., Palawai, Kalulu, & Kaunolu.

Kalulu includes most of the mountain ridge, i.e., wherein the ua'u birds were found in ancient times.

Bearings with Prismatic Compass

Lahaina Mill	61°
E end Molokai	5°
Haleakala Sta.	88°
Kahoolawe	129 ³ / ₄ °
Trend of Shore to Northward	319°
Red Hill inland	249° [page 14]

March 29, '76

Samuela of Halepalaoa, states that the boundary between Paawili & Palawai begins at a small inlet of the sea, a few rods, perhaps 20 rods, south of the Palawai fishpond, at a place called Waiaopae.

Former testimony acc. to Capt. Gibson located the boundary at a clump of lauhala trees at Kahea north of an old heiau. From Waiopae, acc. to Samuela, it follows a ridge between two gulches to near a prominent red bluff & then turns to the left, up a deep valley till it meets Kaohai.

Nalekipi, son of Kaunele, states that the boundary between Palawai & Paawili is at Kawaiaopae as above, & the boundary between Palawai & Kaunolu is at a pt. about 1000 ft., N of the 2nd fishpond in Palawai, near the head of a drain, about 200 yards S of the hamlet of Kaa, near a trig station of the Govt. Survey, & thence the boundary runs straight up the ridge along a travelled north to the top of the mountain. [page 15]

¹ Note: Pages 1-13 in this book contain memos and maps of land holdings at Nuuanu, Oahu. Lanai notes begin at page 14. Alexander also uses macron accents on certain place and people names as indicated in the citations here.

March 30, '76

M. Nalekipi deposes further that boundary between Kaunolu & Kalulu begins at the sea near the south side of the entrance to the valley of Kalulu, & thence follows the edge of the pali on the south side of the great gulch of Kalulu to the top of the mountain.

The boundary between Kalulu & Maunalei has been settled by Mayor's survey, & begins at a small enclosed house lot 30 ft. S of a small creek & runs to a rounded conspicuous hill known as Wawaeku.

Kawaiki, name of Mayor's guide

Bearings with Prismatic Compass at M. lei village.
Red Bluff back of Paawili 151 ½ °
Lahaina 85°
Haleakala 97°
Wawaeku 171 ½ °
El. by Aneroid 1000 ft.
Mauna Loa, W. Molokai 300 ½ °
Kamaloo 348° [page 16]

Bearings with Prismatic Compass from Wawaeku.
House on shore at boundary between
Kalulu & this land bears 338° {24° 356° 187° about}
House at Maunalei Village 311°
Uahane bluff pt. back of Paawili 91°
N. extremity W. Maui

Kapuniai states that at a place called Ka Lae o Kawahie, the boundary between Mahana & Paomai begins at a row of large rocks & runs directly inland. He also states that Ioba Kahema once surveyed the land of Mahana.

Names of hamlets in Paomai:

Panau, two wooden houses 2 miles E of Awalua
Honowai ½ mile E of Awalua
Kanaele 1 ½ mile E of Awalua
Honuaula 3 miles E of Awalua
Kahue 3 miles E of Awalua
Ka Lae o Kawahie 4 miles E of Awalua [page 17]

Bearings with Prismatic Compass:

From Awalua Village
Leahi not visible today
Mauna Loa on Molokai 320°
Round Hill on Molokai 296 ½ °
Kalae on Molokai 348 ½ °

March 31st

Old Kamai states that the boundary between Paomai & Kaa begins at a heiau called Hale o Lono about a mile West of Awalua. He confirms the statement that Ioba surveyed Paomai for Kanaina in the reign of K. IV. His father Lauaole was Ioba's guide. They assert

that Paomai takes the strip of sand beach about 200 ft. wide from Hale o Lono to Pohaku Loa, & the adjacent fishery. Pohaku Loa is about a mile East of Awalua, a large rock & row of rocks. From Ka Lae o Kawahie, the boundary between Mahana & Paomai, runs tolerably straight inland a little east of the Paomai gulch, [page 18] coinciding with a road most of the way. It turns a little to the west around the head of the Paomai gulch & along a narrow ridge between the head of Paomai gulch & that branch of Maunalei which belongs to Mahana.

At a point where the latter gulch divides into two branches called "Ka Pohaku Ahi," the boundary crosses and runs up to the top of the mountain, till it meets Kalulu.

The other side of Mahana is bounded by the sea and by the Maunalei line which was surveyed by Mayor & settled by Judge Robertson.

The boundary between Paomai and Kaa, after following the top of the sand beach from Hale o Lono eastward to Pohaku Loa turns inland and runs straight for a small gulch near Kapuniai's house. [page 19]

From Kapuniai's house, the line follows the foot of a line of bluffs, sending off a branch to the sea on the west between Kaa and Kamoku. It grows narrower towards the south and forms a narrow strip between Kamoku and Mahana as mentioned before. One of its landmarks is an ahupuaa [stone marker where tribute was paid in ancient times] near Koele, at foot of the encircling ridge near the mouth of a small ravine.

April 1.

Apr. Elevation of the water shed near the road from Maunalei to Kamoku = 1750 ft.

Apr. Elevation of the Koele station 1550 ft.

Kealakaa states that the boundary line between Kaa and Paomai after leaving Kapuniai's house, strikes the edge of the encircling line of bluffs about 500 ft. N.W. of Keoni's house on the [page 20] crest of the water shed, at a place called Kakaalani. Thence the line descends a transverse ridge to S.W., marked by two or three large rocks, to the central plain. Thence it runs straight Southwesterly to the head of a ravine which separates Kaa from Kamoku. According to ancient tradition the bottom of this ravine to the sea belonged to Paomai.

A stone was pointed out on a low ridge at about the middle of this line, as one of loba's marks.

A commanding hill N.W. of the central plain, which was selected for a primary trig. station, is called Kanepu [Kanepuu].

The boundary between Paomai & Kamoku begins at the west, at the head of the ravine... [page 21]

...Paomai Boundary which separates Kaa from Kamoku. In Makalena's [survey], he commenced here at a house site. The line then runs S.E. nearly straight to the ahupuaa before mentioned near Koele. One of Makalena's stations was a house site on a rising ground about half way, where there is a group, or clump of rocks.

The name of the square red bluff in the encircling ridge, a little S. of Kakaalani, is Pohoula. At its foot was the general burying ground for this part of Lanai in ancient times.

From the above mentioned ahupuaa, the boundary between Paomai & Kamoku runs up a small ravine to the top of the dividing ridge. It then follows the [page 22 ²] edge of the pali round to the main branch of the Mahana gulch & thence returns to the northward along the west side of that gulch to Pohaku ahi mentioned above.

The Mahana gulch, which is a branch of the Maunalei valley, & the Kamoku gulch which turns to the westward, are separated by a narrow ridge which is nearly broken down at the point when the latter gulch makes a bend at right angles to the westward. Paomai properly should not extend to the south beyond this point. The ancient tradition, however, was that it continued as a narrow path between Mahana & Kamoku as far as Kalulu & even to Kaohai.

Mem. The Mahana gulch has four branches which all drain into the Maunalei valley. There are two gulches which drain to the westward, the larger & western one which belongs to Kamoku, having the name of Kaiholena.

April 3rd. 76. Monday.

Keliihue widow of Nahuina, was born on Kalulu, & testifies that the boundary between Kalulu and Kamoku comes down from a hill known as Puunene down the North bank of the Kapano valley to the Govt. road, passing near Kawaonahene's house, keeping straight on across a side ravine coming in from the north, called Keaakū, to the top of the north wall of the Palawai crater at a place called Pulehulua, near Keliihanui's house. [page 22]

Kamoku

Thence it skirts to the northwestern slope of the crater till it meets the old road to the sea, which it follows down to Kaumalapau Harbor.

Papalua another old resident agrees with the above in the main, but declares that from Pulehulua the boundary runs to a rocky eminence called Puu Nanaihawaii, where he says that Makalena set up his compass.

From thence he says it runs to the site of an old heiau called Ka Ili o Lono, near which Papalua's house formerly stood, near the present road. Kaaiai, an old kamaaina, insane however, points out a pile of rocks nearly on a line between these two points called Kuanaipu, to which he says he guided Makalena.

From the Ili o Lono the line follows the old road to the... [page 23]

...neighborhood of Kaumalapau Harbor. The whole of the harbor belongs to Kamoku. Starting from the edge of the pali on the south side of the harbor, the line follows the ridge on the south side of Kaumalapau ravine till it meets the old road.

Kalulu & Kaunolu

The boundary between Kalulu & Kaunolū begins at a small hill north of the heiau of Maiaele near the shore, & passes a little south of the sheep pen at Puu Ulaula, at some rocks in the path.

² Page 22. Note: handwritten page numbering in Register Book is out of order; number 22 is repeated in the sequence of page numbers.

The boundary between Kaunolū & Kealia Kapu, begins at the sea at a Kapu rock south of the great heiau, & follows up the centre of the Kaunolū gulch.

Names of villages on the shore of Kealia Kapu were Kapalaoa, Mamaki, Kuahulua nui & Kuahulua iki. [page 24]

Kealia Kapu

The boundary between Kealia Kapu and Kealia Aupuni was pointed out by Papalua and Kakā as follows:

It begins at Oanapuka on the west side of a deep rocky gulch near the shore, & follows said gulch to its termination.

It then passes a few rods to the S. of a large clump of ulei bushes to an old house site, near a stone, & some marked prickly pears, & nearly in a straight line to the site of Kauakipoolapa's house near the margin of the Palawai crater. Thence down the slope past Papalua's house & across the crater, passing north of a clump of cactus on the Kapu or accursed ground. [page 25]

Kealia Kapu & Kealia Aupuni

April 4th.

Kakā testifies that the boundary between Kealia Kapu & Kealia Aupuni continues from the last-named point across the crater to a large rock on the north side of a small ravine in the eastern wall of the crater in a locality named Makoa. Thence the line ascends to the terrace or "honua" above, & follows a path to a large rock called Pohaku Pukapuka, which was an ahupuaa [marker of land division boundary where tribute was taken]. Thence it follows the path in the same direction to edge of a deep ravine that runs along the foot of the central mountain ridge, to north curving to the west. It crosses this ravine & ascends the great pali to the summit, along a certain ridge pointed out by the guide. The third ridge to the left of this is the boundary... [page 26]

Kealia Kapu & Kaunolu

...between Kaunolu & Kealia Kapu.

The branches of the deep ravine above mentioned are Waiakeakua nui, Waiakeakua iki & Waiakaahu towards the S.E. The boundary between Kaunolu & Kealia Kapu comes down a more northerly branch which meets the deep ravine above mentioned some distance to the west. It then follows down the main Kaunolū gulch which is formed by their junction x that of a third ravine from the N.E., and at the foot of the terrace where it enters the crater is called the Kauhee gulch. A large rock is shown just below the Govt. road, where Makalena set his compass. From this rock Pohakuloa, the line runs straight across the crater to a point a little N, of a white house, belonging to Ohua. Thence to head of the gulch which reaches the sea near the heiau. [page 27]

Palawai

According to Kaka's testimony, the North boundary of Palawai crosses the mountain at its highest point & descends a precipitous ridge into the Waiakiolo [Waiakaiole] gulch which it follows down, meeting first the Waiapaa gulch on the north which contains the principle

watering place, below the junction being called the Koi gulch, and then near the edge of the terrace (where it debauches into the crater), the Waikekee gulch, both belonging to Kealia Kapu. A large rock on the N. side of the gulch at its entrance, & another a few yards south of the wall of a Kuleana, where Makalena set his compass, were pointed out.

Thence the north west line of Palawai runs straight across the crater to an old house site, near Puupai's house.

(Here Kaka's evidence closes) [page 28]

Palawai

Kahikanaka, an honest old kamaaina, says the small Govt. land of Paawili adjoins Palawai in the crater, but does not extend any distance down the slope towards the sea.

From the last mentioned point the line turns more to the south along Kealia Aupuni, to some large rocks in a hollow, called Ehoehonui. Thence it follows this ravine over a mile in a straight line, but leaves it near the sea, where it (the ravine) makes a bend to the west, & continues in the same direction straight to certain rocks on the shore, at Lae Paakai. The island off Manele is called Poo Pehe.

The N.E. boundary of Palawai begins at the middle of the harbor a little north of the mouth of the Kaupakuea creek, runs west to the old road, & follows it up... [page 29]

...in a northerly direction along the west side of the ravine.

Palawai & Makao [Kamao] (F.E. Harvey, 1903)

The ravine belongs to Makao [Kamao]. The range of hills east of the ravine is called Palikea, & the twin summits at the northern end, Poo Mahanalua.

The boundary between Palawai & Kamao opposite this hill turns a little to the right and crosses the S. wall of the crater about 500 ft. west of a stone sheep pen. Thence it runs straight across the crater, mostly along a road to a clump of hau in the entrance of Paliakoae gulch. Here ends the adjoining land of Kamao, & Kaohai begins.

The Palawai line continues up this gulch, leaving the Waiakeakua spring on the east side, & follows up a... [page 30]

Kahikanaka's Testimony

...ridge to the summit at a depression in the mountain ridge near the water hole called Haalele Paakai.

Kamao includes all the remainder of the flat in the eastern part of the crater. The slopes & terrace above on that side belong to Kaohai. The boundary of Kamao skirts the foot of the slope on the N.E. side, & includes the rocky hills of Kaniu'a'u & Poo Makani on the S.E. side, the latter of which is an ancient burying place. It then runs to a place on the shore called Makole.

Mem. The high hill of Poo Alii is divided between Kalulu & Kaunolū. [page 31]

Azimuths at Poo Manu with Prismatic Compass. N = 0°

Kahoolawe Sta.	116°
Oloalu	66°
Mt. Ball [Paupau]	52°
Manele	196°
Maiaele	250°
Kanepū [Kanepuu]	299°
Poho'ula	312°
Puu Alii	322°
Summit	345°
Palawai Ranch	296°
Haleakala	85°

Kahimanō [Kahemanō] the coconut grove.

Mauna Umi = trig. Station near it.

Azimuths at Kaunolu [diagram of Triangle with dot in middle] Sta. Pr. Compass

Wawaeku	270°
Oloalu	87°
Kahoolawe	Not visible
Black Rock	54 ½ °
Mauna Loa Mol.	305 ½ ° [page 32]

[page 33 – blank]

[Entry from W.D. Alexander's Register Book No. 153, copied from old survey by Ed. Mayor, 1859 (unnumbered pages):]

**Notes of Survey of Maunalei on the island of Lanai
made for and on account of H.R.H. Fanny Kekela Young.**

Commencing at stake on N.E. corner of Land at its junction with Kalulu at high water mark ½ chain to Eastward of small creek and running S. 21° 20' W. 160 ch. to stake on Eastern shoulder of hill called Wawaeku.

Thence S. 1° E. 122 ch. across gulch of Waiakapua to summit of hill called Wahane. Thence skirting northern edge of gulch called Papalahoomoe to its junction with Maunalei, which gulch it crosses at right angles and descending gulch of Hookio crosses to hill called Pukukai [Puu Kukai]. Thence N. 65° 30' W. 76 ch. to stake on bluff of red earth called Naio along Mahana. Thence N. 14° E. 316.75 ch. along ridge of Naio and Lonopoko to its junction with gulch of Maunalei at the Lapa of Kaholoiki. Thence following along bottom of gulch to the sea at Holohana's stones, a little below high-water mark. Thence following high water mark to place of commencement and containing an Area of 3442.38 Acres more or less.

Ed. Mayor
Surveyor
Lahaina, July 25th, 1859.

Local Names.

On Paomai boundary [circle with dot] is at a place called "Piliamoo."

Dividing ridge in Maunalei Valley is called "Koloiki."

Paomai [circle with dot] 3 near white house is “Kealakole.”

[circle with dot] NE at Kamaainas “Puu Kauwela.”

[circle with dot] on road “Halala.”

Kaiholena. [unnumbered pages]

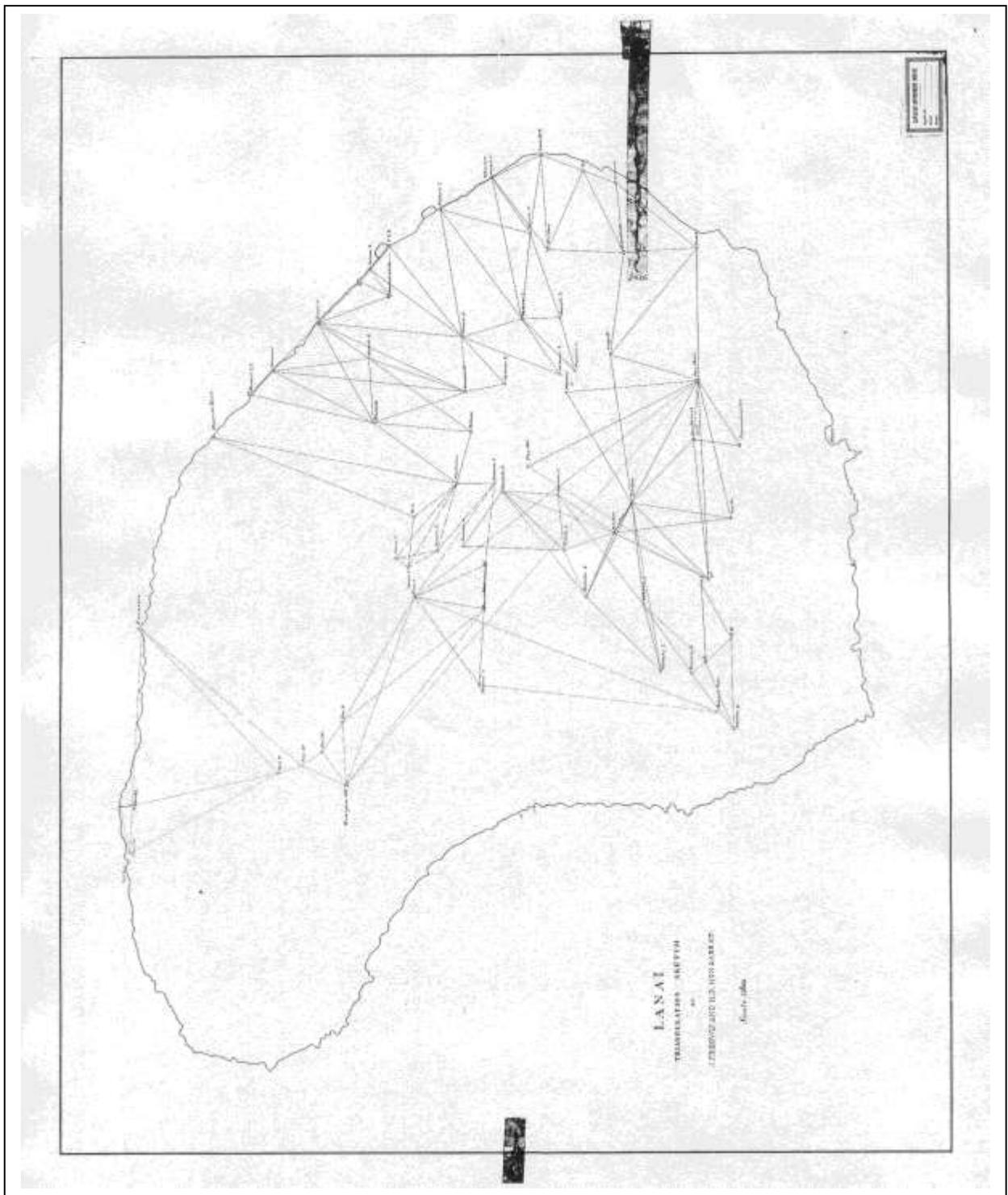
Boundary Commission Records and Certificates for Lāna‘i

Typically, the ahupua‘a brought before the commissioners for certification of boundaries were only those which were privately owned. Government and Crown lands were infrequently decided in this forum. On Lāna‘i, however, all thirteen ahupua‘a (5 private holdings, and 8 Crown or Government holdings) were certified by the Commissioners of the Maui (2nd) Judicial Circuit.

The entire collection of records of the Boundary Commission—the applications for certification of boundaries, testimonies of kama‘āina and surveyors, metes and bounds, and proceeding notes—, covering thirteen ahupua‘a and one lele on Lāna‘i are presented below. The documents are presented in the order recorded (lowest volume and page number to the highest). The same order generally follows the chronological sequence of recording the information. Several of the records were recorded in Hawaiian, and are translated here for the first time. Of particular interest to the records of disposition of the lands on Lāna‘i are the proceedings covering Pālāwai Ahupua‘a, in which ownership of seven ahupua‘a is given. Table 3 is a list of the ahupua‘a in the order of certification, dating from 1877 to 1891, and identification of ownership at the time of the proceedings.

Table 3. Ahupua‘a of Lāna‘i Certified by the Boundary Commission

Ahupua‘a – Acreage	Volume & Pages	Disposition at time of Proceedings
Maunalei – 3794	Vol. I:1-2	Pane (Fanny Young)
Kealia Kapu – 1829	Vol. I:94-96	Walter M. Gibson
Palawai – 5897.1	Vol. I:108-110	Walter M. Gibson
Kaohai – 967.22	Vol. I:110-111	Ruth Keelikolani
Kalulu – 5945.19	Vol. I:112-113	Crown (held in Lease)
Kamoku – 8291.09	Vol. I:114-115	Crown (held in Lease)
Kamao – 2715.1	Vol. I:115	Government (held in Lease)
Kealia Aupuni – 4495.36	Vol. I:116-117	Government (held in Lease)
Pawili – 1785.5	Vol. I:118	Government (held in Lease)
Kaunolu – 7860	Vol. I:119-120	Government (held in Lease)
Paomai – 9073.37	Vol. II:35-37	Government (held in Lease)
Mahana – 7973.37	Vol. II:38-39	Government (held in Lease)
Kaa – 19486.31	Vol. II:40-41	William G. Irwin
Total Acreage – 88840.1		



Register Map No. 590 - Triangulation Stations on Island of Lanai (1877)
Hawaii State Survey Division

**Maunalei Ahupuaa
Island of Lanai
Boundary Commission Volume 1 (pages 1-2)**

No. 1 (31-A)

Ahupuaa of Maunalei, on the Island of Lanai

On the 5th day of November, A.D. 1866, Gov. P. Nahaolelua filed with the Boundary Commissioner, an application, on behalf of Madame Fanny Young Kekela, for the settlement of the boundaries of the Ahupuaa of "Maunalei," on the Island of Lanai.

Notice was given to the Minister of the Interior, for the Government, to whom belongs the adjoining land of Kalulu; and to J.W. Austin, Esq., guardian of H. H. Wm. C. Lunalilo, to whom belongs the adjoining land of Mahana.

On the 24th of January 1867, the Guardian of H. H. Wm. C. Lunalilo filed his assent to the boundaries as claimed by the Applicant and set forth in the survey presented to the Commissioner, and on the 25th of January the Minister of the Interior filed the like assent of the boundaries, on behalf of the Government.

On the 25th of January, A.D. 1867, the Commissioner decided and duly certified the boundaries of the said land to be as follows, viz.

Boundaries of Maunalei.

Commencing at stake on North East corner of Land at its junction with Kalulu at high water mark, one half chain to Eastward of small creek, and running South 2° 20' West 160 chains to stake on Western shoulder of Hill called Wawaeku; thence South 1° E. 122 chains across gulch of Waiakapuaa, and following Southern edge of Kinokapuaa to summit of hill called Uahane; thence skirting Northern edge of gulch called Papalahoomoe to its junction with Maunalei which gulch it crosses at right angles, and descending gulch of Hookio crosses to hill called Pukukai [Puukukai]. Thence North 65° 30' W. 76 chains to stake on bluff of red earth called Naio along Mahana. Thence North 14° E. 316.75 chains along ridge of Naio and Lonopoko [page 1] to its junction with gulch of Maunalei at the lapa of Kaholoiki; thence following along

bottom of gulch to the sea at Holohana's stones, a little below high-water mark; thence following high water mark to place of commencement. (Said to contain an area of 3442.38 acres, more or less). This land also comprises the sea contained between the reef and high water mark from a line drawn North 21° 20' E. to reef, and a line from Holohana's stones North 14° East to reef.

G.M. Robertson,
Commissioner of Boundaries.
Honolulu, 25th January 1867. [page 2]

Kealiakapu Ahupuaa Island of Lanai Boundary Commission Volume 1 (pages 94-96)

**Keena Kiaaina o Maui.
Lahaina, Jan. 25th 1877.**

No. 30

Hooponopono ana i na Palena o ka Aina i kapaia "Kealiakapu" ma ka Mokupuni o Lanai.

Ma ka la 15 o Januari, M.H. 1877, ua waiho mai o Walter Murry [Murray] Gibson o Lahaina i kana Palapala noi i ke Komisina Palena Aina o Maui no ka hooponopono ana i na palena o ka Aina i hoikeia maluna.

Ma ka la 24 o Januari M.H. 1877 ua noho ke Komisina ma kona Keena Oihana ma Lahaina e hoolohe no ke noi maluna'e. Ua hoohikiia o Wm. D. Alexander (Luna Ana Aina Aupuni) no ka ike a Papalua ame Kaka i kakauia maloko o kana Buke Hoomanao (W.D.A.) no ka mea o laua na kamaaina nana i kuhikuhi i na palena o "Kealiakapu." O Papalua ka mea nana i kuhikuhi ma kai, a o Kaka hoi ma uka.

Hoomaka ma kahi i kapaia o "Oanapuka" ma ka aoao Komohana o kekahi kahawai, holo aku no ma ka pali, a holo loa, aku a hiki i kekahi kahua hale kahiko, holo aku no, a hiki i ka hale o Kauakipoolapa, holo aku no a kokohe i kekahi lua wai, holo aku no a hiki i kekahi wahi kapu (Aina laa), holopololei a Kaluanui, a hiki i ka pali, a hiki i Makoa, alaila pii iluna o ka honua, a Pohakupukapuka, alaila holo ma ka Alanui a hiki i kekahi pali, a hiki i kahawai, alaila pii ka palena iluna o Kuahiwi, holo ma ke kualapa, a pili me Kaunolu, holo ma

kahawai o Kaunolu a hiki i Kauhee, malaila aku
a hiki i Pohakuloa, alaila holo pololei a kokoke i ka
hale o Ohua, a ke kumu o ke kahawai, a hiki i ka
“Heiau” Kaulana o Kaunolu, hele ka palena a kekahi
lua wai a hiki i kekahi pohaku kapu I ka wa
kahiko.

Mamuli hoi o ka hooia ana mai o ka Luna
Ana Aina aupuni (W.D.A.) he mau Aina aupuni wale no
ke hoopuni ana ia “Kealiakapu” a ua pono, a pololei ke
ana ana a M.D. Monsarrat i hoikeia malalo iho.

[Translation]
Office of the Governor of Maui.
Lahaina, Jan. 25th, 1877.

No. 30

Certifying the boundaries of the
land called “Kealiakapu” on the island of Lanai.

On the 15th day of January, A.D. 1877, Walter M.
Gibson presented his application requesting
that the Commissioner of Boundaries certify
the boundaries of the land made known above.

On the 24th day of January, A.D. 1877, the Commissioner
sat at his office of work in Lahaina
to hear the above application. Wm. D Alexander was sworn in
(Kingdom Surveyor General) for the testimony of Papalua and Kaka
as recorded in his (W.D.A.) official record book for
they were the natives who pointed out the boundaries
of “Kealiakapu.” Papalua who pointed out the
shoreward boundaries, and Kaka pointed out the uplands.

Beginning at the place called “Oanapuka”
on the west side of a gulch; and running
along a cliff all the way to an old house site’
then continuing up to the house of Kauakipoolapa;
then continue to a place near the water hole; then go
to a kapu (sacred/restricted) place (Consecrated land); and straight to
Kaluanui; then to the cliff, and up to Makoa;
then go up to the plateau (honua), at Pohakupukapuka;
then go along the Road to a certain cliff, till
the gulch; then the boundary climbs up the mountain;
and runs along the ridge adjoining Kaunolu; run along
the gulch of Kaunolu to Kauhee; from there
go to Pohakuloa; then go straight till close to the
house of Ohua, and the head of gulch, until
the Famous “Temple” of Kaunolu; the boundary goes to
a water hole, and then to a stone that was kapu (sacred) in ancient
times.

Based on the testimony of the Surveyor General of the Kingdom (W.D.A.), there are only Government Lands that surround "Kealiakapu;" the survey by M.D. Monsarrat, as shown below, is true and correct.
[Maly, translator]

**Notes of Survey of Kealiakapu, Lanai.
Property of W.M. Gibson.**

Commencing at the South corner of this land, at a pile of stones over a cross + cut in a large stone to the West of a small bay at the mouth of a deep rocky gulch (which gulch is the boundary between Kealiakapu and Kealia Aupuni) [page 94] at a place Oanapuka.

1. The boundary runs up the bottom of said gulch to a point on the West bank marked thus X on stone, which bears N. 4° 25' E. true 4860 feet from commencement.
2. Thence up the bottom of the gulch to a point on West bank marked thus + on stone, which point bears from last point N. 4° 16' E. true 849 feet;
3. Thence still up the bottom of the gulch to a point on North bank marked thus + on stone, which point bears from last point N. 13° 13' E. true 1196 feet;
4. Thence up bottom of gulch to a point on the North bank marked by cross + on large stone, which point bears N. 50° 24' E. true 618 feet from last point;
5. Thence still up bottom of gulch to a point marked with a cross + on stone on which point the bearing from the last point is N. 44° 54' E. true 1656 feet;
6. Thence N. 30° 27' E. true 1543 feet along Kealia Aupuni to a cross + cut in a stone, at an old house site;
7. N. 54° 37' E. true 2364 feet along Kealia Aupuni to a cross + cut in a stone;
8. N. 44° 44' E. true 1660 feet along Kealia Aupuni to a point marked by two Triangular pits [diagram - ] & dug in the ground at the former site of Kauakipoolapa's house;
9. N. 48° 00' E. true 965 feet along Kealia Aupuni to a point marked by two Tri pits [diagram] a little N.W. of a native house at margin of Palawai crater;
10. N. 45° 16' E. true 14066 feet along Kealia Aupuni across the crater to a large rock (with a cross + in the face of it) on the North side of a small ravine in the Eastern wall of the crater in a locality called Makoa;
11. N. 53° 10' E. true 720 feet along Kealia Aupuni to top of terrace or "honua" to a point marked by two Triangular pits [diagram] and buried bottle;
12. N. 44° 8' E. true 1650 feet along Kealia Aupuni to a large rock marked with a cross +, said rock being called "Pohakupukapuka;"
13. N. 44° 18' E. true 4133 feet along Kealia Aupuni to two Tri. pits [diagram] and buried bottle; at the edge of a deep ravine, that runs along the foot of the central mountain ridge to the North curving to the West;

14. N. 41° 43' E. true 2150 feet along Kealia Aupuni across said ravine and up a ridge to the summit of the mountain range;
15. N. 72° 00' W. true 1025 feet along top of the mountain;
16. Thence, S. 32° 10' W. true 1660 feet along Kaunolu, down a red ridge to a point marked by two Tri. pits [diagram] and bottle, at the edge of a gulch to North of the last-mentioned ravine;
17. Thence, down the bottom of this gulch and of the main gulch to a point on the South bank, marked by two Tri. pits [diagram] and buried bottle which point bears S. 61° 45' W. true 3482 feet from last point;
18. Thence, down the bottom of the main gulch to a point on East bank marked by two Tri. pits [diagram] and bottle; which point bears from last point S. 36° 21' W. true 930 feet;
19. Thence, still down the bottom of the gulch to a point on East bank marked by two Tri. pits [diagram] and bottle, which bears from last mentioned point S. 18° 7' E. true 538 feet;
20. Thence, still down the bottom of the gulch (which where it enters the crater is called Kekauhee) to a large rock at the mouth on the lower side of the road, marked with a cross + and called Pohakuloa; which rock bears S. 46° 20' W. true 2450 feet from last mentioned point; [page 95]
21. S. 44° 8' W. true 13375 feet along Kaunolu, across the crater to a point marked by two Tri. pits [diagram] a little S.E. of a white house belonging to Ohua;
22. S. 62° 24' W. true 5889 feet along Kaunolu to a point marked by two Tri. pits [diagram] and a post near an old house site;
23. S. 42° 27' W. true 1698 feet along Kaunolu to a point marked by two Tri. pits [diagram];
24. S. 48° 30' W. true 1275 feet along Kaunolu to a point marked by two Tri. pits [diagram];
25. S. 32° 55' W. true 3125 feet along Kaunolu to a rock marked with a cross +;
26. S. 18° 11' W. true 1637 feet along Kaunolu to a rock marked thus in a clump of rocks;
27. S. 25° 00' W. true 2280 feet along Kaunolu to a rock marked with a cross + at the commencement of a small gulch;
28. Thence down the bottom of said gulch and large gulch (that reaches the sea near the Heiau) to a point marked by a cross + on a stone on the S.E. bank of the gulch at a bend in it which point bears from last mentioned point S. 27° 23' W. true 3663 feet.
29. Thence, down the bottom of the gulch passing to the N.W. of a well in the gulch (which well belongs Kealia Kapu) to a large rock marked with the cross + and from thence to the sea at a point on the shore at the middle of the harbor; which point bears from the

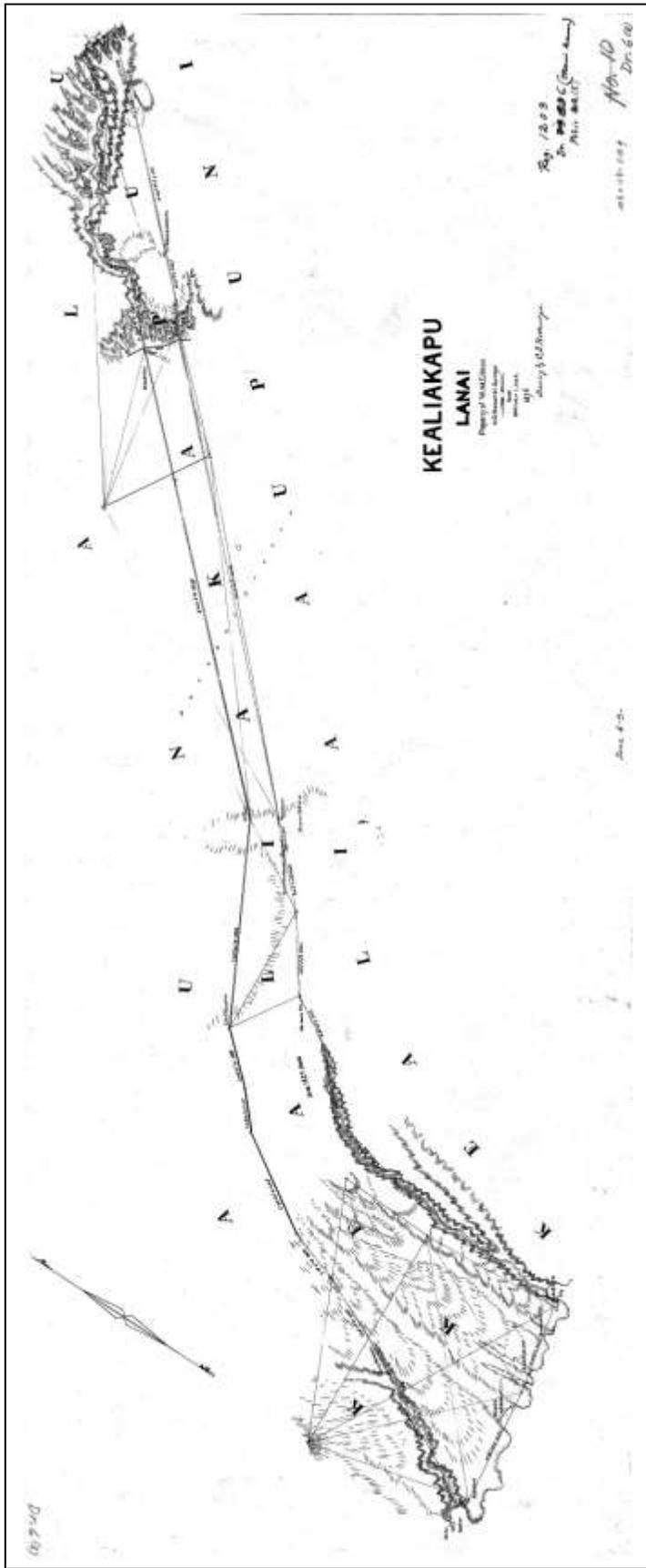
rock on the bank of the gulch at the bend S. 33° 57' W. true,
1343 feet.

30. Thence following the sea coast to point of commencement,
the traverse along the shore being as follows: S. 63° 20' E. true 400
feet to cross + cut in large stone, N. 83° 20' E. true 3353 feet to
cross + cut on stone N. 78° 38' E. true 2578 feet to point of Commencement.

Area 1829 Acres.

(Sig.) M.D. Monsarrat
Surveyor

Makawao, Dec. 16th, 1877. [page 96]



Register Map No. 1203, Kealia Kapu Ahupuaa Surveyed for Walter Murray Gibson (1876). Hawaii State Survey Division.

**Palawai Ahupuaa
Island of Lanai
Boundary Commission Volume No. 1 (pages 108-110)**

No. 34

**Keena Kiaaina o Maui,
Lahaina, Sept. 17, 1877.**

Hooponopono Palena Aina a ke Komisina.

Ma ka la 14 o Julai, A.D. 1877, ua waiho mai o Prof. W.D. Alexander he palapala noi i ke Komisina Palena Aina o Maui, no ka hooponopono ana i na palena o kahi mau aina i pau i ka Anaia o ka Mokupuni o Lanai. Oia hoi o “Palawai” no W.M. Gibson Esq. “Kaohai” no Ka Mea Kiekie R. Keelikolani; “Kalulu,” “Kamoku,” he mau Aina Lei Alii; “Kamao,” “Kealia,” “Pawili,” & “Kaunolu,” he mau Aina Aupuni.

Ma ka la 17 o Sepatemaba, A.D. 1877, ua noho ka Aha a ke Komisina e hoolohe no ke noi maluna’e. O M.D. Monsarrat (Hope Ana Aina Aupuni) ka mea i hiki mai ma ka aoao o ka mea noi. A no ka mea hoi nana no i Ana ia mau aina apau. A ua hoomana pu ia mai no hoi oia e Jno. O. Dominis e lawelawe imua o ke Komisina ma na mea e pili ana i na Aina Lei Alii ma Lanai. – Hoohikiia a olelo mai:

Na’u no i Ana keia mau aina a pau; ua hele pu au me na kamaaina ma na palena apau o keia mau Aina. A ua lokahi lakou apau, ua pono, a ua pololei ka’u ana ana. O Rev. N. Pali ko’u alakai nui nana i kuhikuhi, a ua make iho nei kekahi. No ka hiki ole ana mai o Pali i keia la, ua hoopono ka Aha a hiki mai oia noho hou.

Ma ka la 30 o Sepatemaba 1877, ua hiki mai o Pali, a ua noho hou ka Aha. Hoohikiia o Pali a olelo mai: O Pali au, he kamaaina au no Lanai, na ko’u mau makua i kuhikuhi mai ia’u. A no ko’u noho konohiki ana hoi malalo o Kauikeaouli maopopo loa ia’u na palena. Noho Konohiki au no “Kalulu,” “Kamoku.” He mau aina Aupuni o Kamao, Kealia, Pawili, ame Kaunolu. Maopopo loa ia’u.

[Translation]

Decision of Boundaries by the Commission.

On the 14th day of June, A.D. 1877, Prof. W.D. Alexander, set before the Boundary Commissioner of Maui, an application to Certify the boundaries of several lands which have all been surveyed on the Island of Lanai. They being, “Palawai” of W.M. Gibson Esq. “Kaohai” of Her Highness R. Keelikolani; “Kalulu” and “Kamoku,” Crown Lands; “Kamao,” “Kealia,” “Pawili,” & “Kaunolu,” Government Lands.

On the 17th day of September, A.D. 1877, the Commission convened to hear the above applications. M.D. Monsarrat (Assistant Government Surveyor) was present on behalf of the applicant. Also, as the one who Surveyed all of the lands. Jno, O Dominis was authorized to bring the matter forward to the Commission by those adjoining the Crown Lands on Lanai. – Sworn and stated:

I surveyed all these lands; I went along all the boundaries Of these lands with natives. They were all in agreement, My surveys are correct and true. Rev. N. Pali was my primary guide, he pointed out things, others have since passed away. Because Pali did not arrive this day, the Commission moved Await his arrival before reconvening.

On the 30th day of September 1877, Pali arrived, and The Commission reconvened. Pali Sworn and stated: I am Pali. I am a native of Lanai, my parents pointed them (the boundaries) out to me. And as a result of my having been Land overseer under Kauikeaouli, the boundaries are known to me. I was the Konohiki of “Kalulu” and “Kamoku.” Kamao, Kealia, Pawili, and Kaunolu are Government lands. I know them well. [Maly, translator]

Survey of Palawai, Lanai. Property of W.M. Gibson.

Commencing at a concrete post (the same being the point of Commencement of “Kamao” survey) at the seashore near the middle of “Manele” Harbor, the boundary runs:

1. N. 67° 55' W true 1940 feet along Kamao to a stone on the West side of the road marked with a cross. Thence,
2. N 16° 30' West true 850 feet along Kamao up road to stone on East side of same marked with a cross.
3. N 8° 17' W true 7440 feet along Kamao up road to a stone in road marked with a cross.
4. N 29° 55' E true 3750 feet along Kamao to a red wood post on South edge of Palawai Crater and 300 feet West of an old stone sheep pen.
5. N 25° 3' E true 6515.5 feet along Kamao across Palawai crater to a large rock marked with a cross at the mouth of “Paliakoae” gulch. [page 108]
6. Thence along Kaohai up bottom of said gulch and the West branch of same to a stone marked thus Y; and from said stone up West bank to a rock on edge of gulch marked with a cross. The traverse from the large rock at mouth of gulch is as follows: 1 N 33° 37' E true 3169 feet to point on West bank. 2 N 61° 52' E true 1877 feet to rock marked with cross. Thence
7. N 12° 17' E true 1755 feet along Kaohai to the top of a red hill.

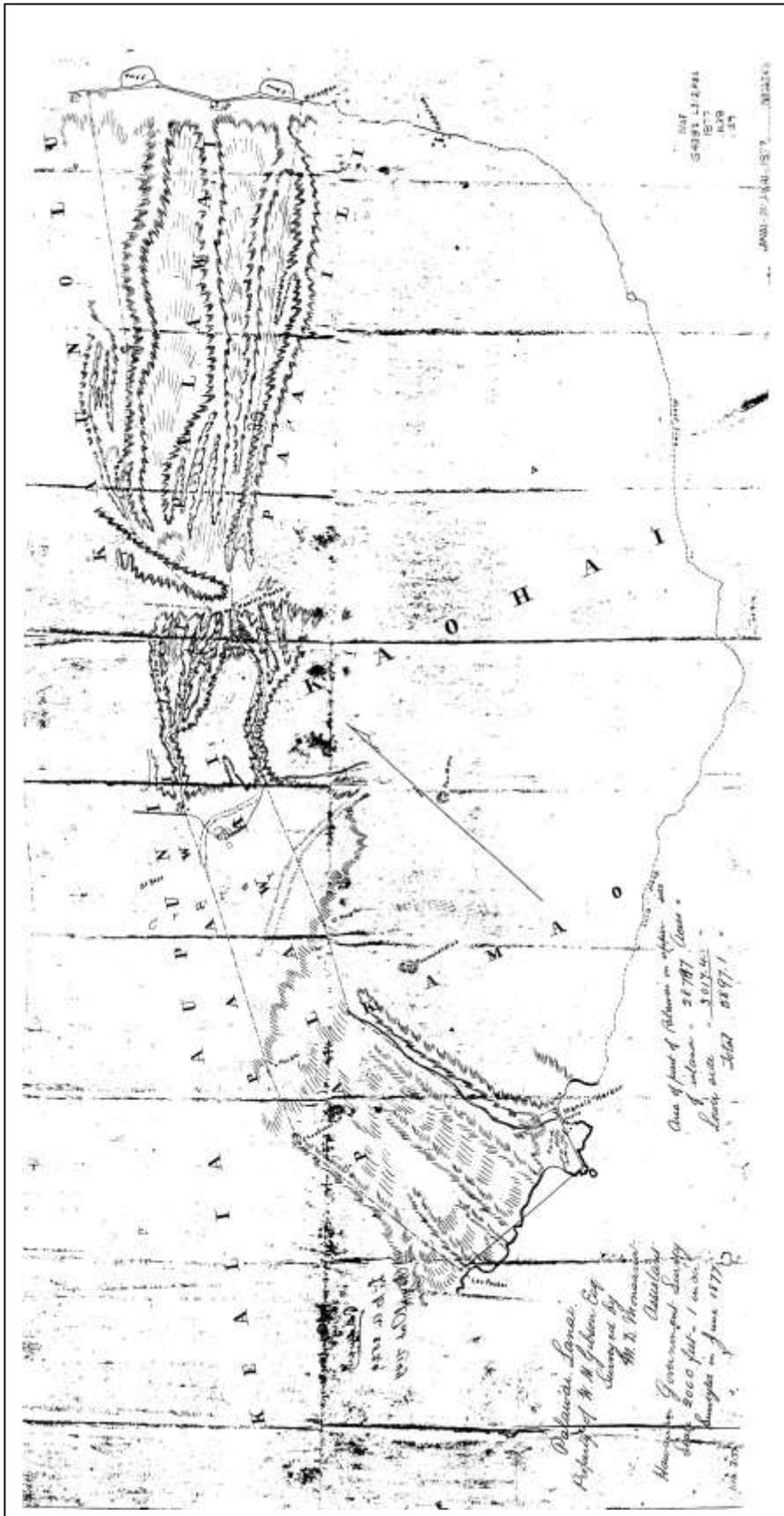
8. N 41° 57' E true 1290 feet along Kaohai to a concrete post at a place called "Haalele Paakai." Thence
9. N 40° 40' E true 1470 feet along Paawili to head of a large gulch. Thence
10. N 56° 29' E true 6427 feet along Paawili down bottom of above mentioned gulch to a red wood post on a prominent red bluff on North side of gulch. Thence
11. N 54° 22' E true 12997 feet along Paawili down ridge and across gulch near its mouth to a red wood post at seashore at a place called "Waiopae." Thence
12. N 33° 50' W true 1727 feet along seashore.
13. N 50° 25' W true 1770.5 feet along seashore.
14. N 27° 21' W true 2549.5 feet along seashore.
15. N 48° 31' W true 2888 feet along seashore to a red wood post on shore. Thence
16. S 37° 9' W true 10808 feet along Kaunolu up ridge to a red wood post on the top of a red hill.
17. S 48° 12' W true 6071 feet along Kaunolu up ridge and across a small gulch and up another ridge to a red wood post. Thence
18. S 30° 33' W true 1564 feet along Kaunolu up a path that follows up ridge to a red wood post. Thence
19. S 1° 30' W true 4425 feet along Kaunolu across the large gulch of Palawai to the highest point of the Island. Thence
20. S 71° 12' W true 1675 feet along Paawili down ridge to two Tri. pits dug at end of ridge;
21. Thence along Pawili the boundary strikes down to the bottom of the "Waiakiolo" [Waiakaiole] gulch (which gulch is the first branch to the East of the "Waiapaa" gulch, said gulch (Waiapaa) being called at its mouth the "Waikekee") to a large rock in the upper part of Grant 2971 to Kapahoa. Said rock being situated a few feet from a large Kukui tree and marked with a cross. The traverse down the gulch from the Triangular pits; being as follows:
 1. S 57° 25' W true 3939 feet to two Triangular pits on the east side of the gulch at bend.
 2. S 41° 58' W true 3020 feet to above mentioned large rock. Thence
22. S 28° 32' W true 11633 feet along Pawili (passing around the East side of the above-mentioned Grant) and across Palawai crater to a rock marked with a cross on the South edge of crater at an old house site near a large straw house owned by Puupai. Thence

23. S 22° 50' W true 3150 feet along Kealia Aupuni to a cross cut in a large rock amongst a lot of rocks in a hollow called "Ehoehonui." [page 109]
24. S 5° 58' E true 6671.8 feet along Kealia Aupuni following down ravine for some ways but leaving it near the sea; where it (the ravine) makes a bend to the West and the boundary continues straight to some stones, one of which being marked with a cross.
25. S 6° 6' E true 1779 feet along Kealia Aupuni to a large pile of stones at seashore at a place called "Lae Paakai."
26. Thence along seashore to point of Commencement. The traverse along the shore being as follows:
 1. S 82° 48' E true 6575 feet to Manele Point.
 2. N 20° 1' E true 2301 feet.
 3. N 22° 37' E true 292 feet to Commencement.

Area 5897.1 Acres

Surveyed by
M.D. Monsarrat,
Assistant Hawaiian Government Survey

Lanai, June 1877. [page 110]



Map of Palawai Ahupuaa Surveyed for Walter Murray Gibson (1877). Hawaii State Archives.

**Palawai Ahupuaa
Island of Lanai
Boundary Commission Volume No. 1 (page 113)**

Olelo Hooholo

Ke hooholo nei au. O na palena o na aina apau ma Lanai i anaia e M.D. Monsarrat, oia hoi o "Palawai" no W.M. Gibson, "Kaohai" no ka Mea Kiekie R. Keelikolani, "Kalulu" a me "Kamoku" he mau aina Lei Alii ame "Kamao," "Kealia," "Pawili" & "Kaunolu" he mau aina Aupuni, e like me na ana pakahi i hoikeia maloko nei, ua pono a ua pololei.

Kakauia ma Lahaina i keia la 30 o Sept. 1877.

Komisina P. A. Apana Elua, ko H. P. A. [page 113]

[Translation]

Decision

I hereby move. The boundaries of all the lands on Lanai, surveyed by M.D. Monsarrat, they being, "Palawai" of W.M. Gibson, "Kaohai" of Her Highness, R. Keelikolani, "Kalulu" and "Kamoku" Crown Lands, and "Kamao," "Kealia" [Aupuni], "Pawili" & "Kaunolu," being Government lands, as uniformly surveyed and given within, are right and correct.

Signed at Lahaina, this 30th day of Sept. 1877.

Commissioner L.B. [Land Boundaries], Second District, of the H.I. [Hawaiian Islands].

[Maly, translator]

**Kaohai Ahupuaa
Island of Lanai
Boundary Commission Volume No. 1 (pages 110-111)**

No. 35

**Survey of “Kaohai,” Lanai
Property of H.R.H. Ruth Keelikolani**

Commencing at a red wood post (the same being the point of Commencement of Pawili Survey) on the South East side of a small inlet of the sea at a place called Halepalaoa, the boundary runs:

1. S 56° 46' W true 6454.4 feet along Pawili up gulch to a rock a little above head of same marked with a cross. Thence
2. S 71° 59' W true 8489 feet along Pawili to a red wood post on a hill at the North West edge of a gulch.
3. Thence, following (along Pawili) up bottom of above mentioned gulch to a point at head of same; which point bears S 75° 25' W true, 5342 feet from the above red wood post on hill.
4. N 76° 50' W true 1300 feet along Pawili across top of mountain to a concrete post, at a place called “Haalele Paakai. Thence
5. S 41° 57' W true 1290 feet along Palawai down ridge to top of a red hill. Thence
6. S 12° 17' W true 1755 feet along Palawai down side of said hill to a rock on edge of gulch marked with a cross.
7. From thence the boundary strikes down (along Palawai) into the gulch to a rock marked thus Y, and from said rock follows down the bottom of gulch (which is [page 110] called the Paliakoa) to a large rock at the mouth marked with a cross. The traverse from rock on edge of a gulch marked with a cross to rock at mouth of gulch being as follows:
 1. S 61° 52' W true, 1877 feet to a point on West edge of gulch.
 2. S 33° 37' W true 3169 feet to large rock at mouth of gulch. Thence
8. S 46° 8' E true 712 feet along Kamao, along foot of slope.
9. S 28° 43' E true 1640 feet along Kamao, along foot of slope to two Triangular pits. Thence

10. S 6° 47' E true 1410 feet along Kamao across a small ravine to an old house site.
11. S 17° 28' W true 1497 feet along Kamao up slope along path to a rock with cross cut in it; said rock being amongst a lot of rocks at a place called "Kaneuwau." Thence
12. S 22° 34' E true 3927 feet along Kamao across a flat to a cross cut in a stone.
13. S 26° 20' E true 911 feet along Kamao to cross on a stone.
14. S 16° 53' E true 1300 feet along Kamao across a rocky gulch to point on side hill.
15. S 59° 37' E true 233 feet along Kamao along side hill to cross cut in a stone. Thence
16. S 71° 55' E true 2632 feet along Kamao across three gulches to a cross cut in a stone.
17. S 60° 48' E true 1691.8 feet along Kamao across a deep gulch to a large rock with cross cut on it.
18. S 52° 54' E true 980 feet along Kamao down ridge.
19. S 42° 37' E true 1420 feet along Kamao down ridge to a large pile of stones over a cross cut in a stone at seashore.
20. Thence following along Sea Shore to point of Commencement. The traverse along the Shore being as follows:
 1. N 68° 30' E true 8260 feet.
 2. N 34° 15' E true 3585 feet.
 3. N 31° 35' E true 8696.8 feet.
 4. N 29° 36' E true 3607.8 feet.
 5. N 17° 48' E true 3970 feet.
 6. N 5° 34' E true 2331.7 feet.
 7. N 24° 26' W true 5127 feet to point of Commencement.

Area 9677.22 Acres.

Surveyed by M.D. Monsarrat,
Assistant
Hawaiian Government Survey

Lanai, June 1877. [page 111]

**Kalulu Ahupuaa
Island of Lanai
Boundary Commission Volume No. 1:112-113**

No. 36

Survey of the Crown Land of “Kalulu” Lanai.

Commencing at a pile of stones over a cross cut in a stone
(the same being the point of commencement of Kaunolu Survey)
at the edge of precipice a few feet from sea. The boundary runs:

1. N 87° 20' E true 2557 feet along Kaunolu to a pile of stones on side hill. Thence
2. N 76° 00' E true 3206 feet along Kaunolu to a rock marked with a cross. Thence
3. N 54° 17' E true 6694.5 feet along Kaunolu passing between Maakuia's house and his sheep pen to a point 14 feet East of a rock with a cross cut on it.
4. N 56° 15' E 7944.6 feet along Kaunolu to pile of stones on South edge of Palawai Crater. Thence
5. N 53° 14' E true 13359 feet along Kaunolu across Crater passing West of school house to a point on terrace marked by a Mamane post. Thence
6. N 44° 00' E true 3935 feet along Kaunolu across terrace to a red wood post on the top of a hill called Puu Alii.
7. N 52° 7' E true 9290 feet along Kaunolu across Maunalei and Kululu valleys to a red wood post on East edge of latter valley. Thence
8. N 20° 1' E true 9729.5 feet along Kaunolu down the East ridge of Kalulu valley to a rock on edge of valley marked with a cross.
9. N 36° 4' E true 5878.5 feet along Kaunolu to a red wood post on seashore. Thence
10. N 46° 2' W true 6285 feet along seashore to a red wood post a little N. E. of a small creek (said post being at N. E. corner of Maunalei). Thence
11. S 28° 27' W true 10676 feet along Maunalei up slope to a pile of stones on a hill called “Wawaeku.”
12. S 6° 25' W true 9370 feet along Maunalei up gulch of Waiakapua to a red wood post on summit of a hill called “Wahane.” Thence
13. N 74° 1' W true 5235 feet along Maunalei along Northern edge of Papalahoomoe gulch to its junction with Maunalei valley and across said valley to a red wood post on the summit of a hill called “Puukukai” on West edge of valley. Thence

14. S 0° 41' W 3555 feet along Mahana and Paomai to a red wood post on ridge that comes down from the central mountain range (said post being on North edge of valley that contains the water hole of Kaiholena). Thence
15. S 45° 49' W true 1067.9 feet along Kamoku across valley passing to the S. E. of above mentioned water hole to a point on ridge marked with Triangular pits and ditch thus  said point a little East of Puupane.
16. Thence along Kamoku down the N.W. edge of the Kapano valley to the Government road, passing near Kawaonahale's house keeping straight on across a side ravine coming in from the North (called Keaaku) to a red wood post at the top of the North wall of the Palawai Crater at a place called "Pulehulua," near Kealiihananui's house, which red wood post bears [page 112] S 44° 53' W true 8052 feet from last mentioned point on ridge. Thence
17. S 65° 44' W true 4939.3 feet along Kamoku along North edge of crater to a point a little North of a cactus clump; marked by two triangular pits. Thence
18. S 46° 19' W true 10141.4 feet along Kamoku down road to a cross cut in a stone amongst a lot of stones at the former site of an old Heiau called "Ili o Lono." Thence
19. S 72° 48' W true 2080 feet along Kamoku to head of gulch. Thence
20. S 84° 40' W true 2594 feet along Kamoku to a cross cut in a stone on South edge of gulch.
21. S 88° 46' W true 5225.9 along Kamoku down South edge of gulch to a stone marked with cross; on edge of gulch a little above a branch that runs into the main gulch from the South.
22. S 86° 27' W true 3254 feet along Kamoku down South edge of gulch to a pile of stones (on edge of same) over a cross cut in a large stone to the South of Kaumalapau Harbor (the same pile of stones being the point of Commencement of Kamoku survey).
23. Thence along seashore to Commencement. Traverse along the shore being as follows:
 1. S 27° 00' W true 1,212 feet.
 2. S 22° 57' E true 5915 feet to Commencement.

Area 5945.19 Acres.
Exclusive of Awards.

Surveyed by M.D. Monsarrat,
Assistant

Hawaiian Government Survey

Lanai, June 1877. [page 113]

**Kamoku Ahupuaa
District of Lahaina, Island of Lanai
Boundary Commission, Maui, Volume No. 1 (pages 114-115)**

No. 37–A

Survey of the Crown Land of “Kamoku” Lanai

Commencing at a pile of stones over a cross cut in a large stone on South side of Kaumalapau Harbor on edge of gulch. The boundary runs:

1. N 86° 27' E true 3254 feet along Kalulu up South edge of gulch to a stone marked with a cross on edge of gulch a little above a branch that comes into the main gulch from the South. Thence:
2. N 88° 46' E true 5225.9 feet along Kalulu, up South edge of gulch to a cross cut in a stone on South edge of same. Thence:
3. N 84° 40' E true 2594 feet along Kalulu to head of gulch. Thence:
4. N 72° 43' E true 2080 feet along Kalulu to a cross cut in a stone amongst a lot of stones at the former site of an old Heiau called “Ili o Lono.” Thence:
5. N 46° 19' E true 10144.4 feet along Kalulu up road to a point a little North of a cactus clump marked by two triangular pits.
6. N 65° 44' E true 4939 feet along Kalulu along North edge of crater to a red wood post on the North wall of the crater at a place called Pulehulua near Keliihananui’s house.
7. Thence along Kalulu down across a small ravine (coming in from the North called Keaaku) to Government Road and up the N.W. edge of the Kapano valley, passing near Kawaonahale’s house to a point on ridge marked with four triangular pits and ditch thus  said point being a little east of Puu Nene and bearing N 44° 53' E true 8052 feet from above mentioned red wood post. Thence:
8. N 45° 49' E true 1067.9 feet along Kalulu across valley passing to the S. E. of a water hole called Kaiholena to a red wood post on ridge that comes down from the central mountain range. Thence:
9. N 62° 37' W true 6742.5 feet along Paomai down above-mentioned ridge and across valley into a small ridge and down said ridge to a red wood post at end of same.
10. S 84° 37' W true 1316.8 feet along Paomai to a cross cut in a stone.

11. S 74° 8' W true 6258 feet along Paomai passing to the North of a couple of Hala clumps to two Triangular pits at an old house site.
12. S 74° 07' W true 3045 feet along Paomai to a cross cut on a stone at head of gulch.
13. N 86° 6' W true 1368 feet along Paomai down South side of gulch.
14. S 83° 45' W true 1455 feet along Paomai to a cross cut in a stone.
15. S 74° 9' W true 920 feet along Paomai.
16. N 55° 12' W true 898 feet Paomai across gulch to a red wood post a little West of a cactus clump; here ends the Crown land of Paomai. Thence:
17. S 65° 58' W true 1617 feet along Kaa down North side of gulch to a cross on a stone.
18. S 64° 57' W true 2040 feet along Kaa down North side of gulch to a cross on a stone. Thence:
[page 114]
19. S 70° 33' W true 3590 feet along Kaa to a point 10 feet East of a large rock with cross cut on it. Thence:
20. S 68° 53' W true 1664 feet along Kaa to Sea Shore. Thence:
21. S 1° 55' W true 13460 feet along sea shore to point of Commencement.

Area 8291.09 Acres.

Surveyed by M.D. Monsarrat, Assistant
Hawaiian Government Survey

Lanai. June 1877. [page 115]

**Kamao Ahupuaa,
District of Lahaina, Island of Lanai
Boundary Commission, Maui, Volume No. 1 (page 115)**

No. 38

Survey of the Government Land of “Kamao,” Lanai

Commencing at a concrete post (the same being the point of Commencement of Palawai Survey) at the shore near the Middle of Manele Harbor, the boundary runs:

1. N 67° 55' W true 1940 feet along Palawai to a stone on the West side of the road marked with a cross. Thence:
2. N 16° 30' W true 850 feet along Palawai up road to a stone on East side of same marked with a cross.
3. N 8° 17' W true 7440 feet along Palawai up road to a stone in road marked with a cross. Thence:
4. N 29° 55' E true 3750 feet along Palawai to a red wood post on south edge of Palawai crater and about 300 feet West of an old stone sheep pen.
5. N 25° 3' E true 6515.5 feet along Palawai across crater to a large rock (marked with a cross) at the mouth of Paliakoae gulch.
6. S 46° 8' E true 712 feet along Kaohai, along foot of slope.
7. S 28° 43' E true 1640 feet along Kaohai along foot of slope to two Tri. Pits. Thence:
8. S 6° 47' E true 1410 feet along Kaohai across cut slope on small ravine to an old house site.
9. S 17° 28' W true 1497 feet along Kaohai up slope along path to a rock with cross cut in it; said rock being amongst a lot of rocks at a place called Kaneuau.
10. S 22° 34' E true 3927 feet along Kaohai across a flat to a cross cut in a stone.
11. S 26° 20' E true 911 feet along Kaohai to cross on stone. Thence:
12. S 16° 53' E true 1300 feet along Kaohai across a rocky gulch to a point on side hill.
13. S 59° 37' E true 233 feet along Kaohai along side hill to cross cut in a stone. Thence:
14. S 71° 55' E true 2632 feet along Kaohai across three gulches to a cross cut in a stone. Thence:
15. S 64° 48' E true 1691.8 feet along Kaohai across a deep gulch to a large rock with cross cut on it.
16. S 52° 54' E true 980 feet along Kaohai down ridge. Thence:
17. S 42° 37' E true 1420 feet along Kaohai down ridge to a large pile of stones over a cross cut in a stone at sea shore. Thence:

18. S 68° 47' W true 11,475 feet along sea shore to point of Commencement.

Area 2715.1 Acres. Exclusive of Awards.

Surveyed by M.D. Monsarrat, Assistant H.G.S. Lanai June 1877.

**Kealia Aupuni Ahupuaa
Island of Lanai
Boundary Commission Volume No. 1 (pages 116-117)**

No. 39

Survey of the Government Land of Kealia [Aupuni], Lanai

Commencing at a pile of stones over cross cut in a large stone (The same being the point of Commencement of Kealia Kapu survey) to the West of a small bay at the mouth of a steep rocky gulch (which gulch is the boundary between Kealia Kapu and Kealia Aupuni) at a place called "Oanapuka."

1. The boundary runs up the bottom of said gulch to a point on West bank, marked thus Y on a stone; which point bears N 4° 25' E true 4960 feet from Commencement.
2. Thence up the bottom of the gulch to a point on West bank marked thus + on stone; which point bears from last point N 4° 16' E true 849 feet.
3. Thence still up the bottom of the gulch to a point on North bank; marked thus + on stone; which point bears from last point N 13° 13' E true 2196 feet.
4. Thence up bottom of gulch to point on the North bank, marked by a cross on large stone which point bears N 50° 24' E true 618 feet from last point.
5. Thence still up bottom of gulch to point marked by cross on stone on which point the bearing from the last point is N 44° 54' E true 1656 feet. Thence:
6. N 30° 27' E true 1543 feet along Kealia Kapu to a cross cut in a stone at an old house site.
7. N 54° 37' E true 2,364 feet along Kealia Kapu to cross cut in a stone.
8. N 44° 44' E true 1660 feet along Kealia Kapu to a point marked by two Triangular pits dug in the ground at the former site of Kauaki-poolapa's house.
9. N 48° 00' E true 965 feet along Kealia Kapu to a point marked by two Tri. pits a little N.W. of a native house at ma[r]gin of Palawai Cr.
10. N 45° 16' E true 14066 feet along Kealia Kapu across the crater to a large rock (with a cross cut in face of it) on the North side of a small ravine in the Eastern wall of the crater in a locality called Makoa.
11. N 53° 10' E true 720 feet along Kealia Kapu to top of terrace or "honua" to a point marked by two Tri. pits and buried bottle.

12. N 44° 8' E true 1560 feet along Kealia Kapu to a large rock marked with a cross; said rock being called "Pohakupukapuka."
13. N 44° 18' E true 4133 feet along Kealia Kapu to two Tri. pits and bottle at the edge of a deep ravine that runs along the foot of the central mountain range, to the North curving to the West.
14. N 41° 43' E true 2150 feet along Kealia Kapu across said ravine and up a ridge to the summit of the mountain range. Thence:
15. S 38° 35' E true 3565 feet along Kaunolu to the highest point of the island. Thence:
16. S 71° 12' W true 1675 feet along Palawai down ridge to two Triangular pits dug at end of ridge;
17. Thence (along Palawai) the boundary strikes down to the bottom of the Waiakiolo [Waiakaiolo] gulch (which gulch is the first branch to the East of the Waiapaa, being called at its mouth the Waikekee) to a large rock in the upper part of Grant 2971 to Kapahoa, said rock being situated a few feet from [page 116] a large Kukui tree & marked with a cross. The traverse down the gulch from the Triangular pits being as follows: 1 S 57° 25' W true 3939 feet to two Triangular pits on the East side of gulch at bend; 2 S 41° 58' W true 3020 feet to above mentioned large rock. Thence:
18. S 28° 32' W true 11633 feet along Palawai (passing around the East side of the above mentioned Grant) and across Palawai crater to a rock marked with a cross on the South edge of crater at an old house site near a large straw house owned by Puupai.
19. S 22° 50' W true 3150 feet along Palawai to a cross cut into a large rock amongst a lot of rocks in a hollow called Ehoehonui;
20. S 5° 58' E true 6671 feet along Palawai following down ravine for some ways but leaving it near the sea where it (the ravine) makes a bend to the West, and the boundary continues straight to some stones; one of which being marked with a cross. Thence:
21. S 6° 6' E true 1779 feet along Palawai to a large pile of stones at sea shore at a place called Lae Paakai.
22. Thence along seashore to point of Commencement.

The traverse along the shore being as follows:

1. S 70° 6' W true 1090 feet.
2. S 87° 17' W true 3441 feet.
3. S 88° 45' W true 8170 feet to Commencement.

Area 4495.36 Acres.

Exclusive of Grant

N.B. There is a Lele of Pawili included in this survey.

Surveyed by M.D. Monsarrat,
Assistant

Hawaiian Government Survey
Lanai, June 1877.

Pawili Ahupuaa Island of Lanai Boundary Commission Volume 1:118

No. 40

Survey of the Government Land of "Pawili," Lanai

Commencing at a red wood post. (The same being the point of Commencement of "Kaohai" Survey) on the South East side of a small inlet of the sea at the mouth of a shallow rocky gulch at a place called "Halepalaoa." The boundary runs:

1. S 56° 46' W true 6454.4 feet along Kaohai up gulch to a rock a little above head of same marked with a cross. Thence:
2. S 71° 59' W true 8489 feet along Kaohai to a red wood post on a hill at North West edge of a gulch. Thence:
3. Following (along Kaohai) up bottom of above mentioned gulch to a point at head of same which point bears S 75° 25' W true 5342 feet from the above red wood post on hill. Thence:
4. N 76° 50' W true 1300 feet along Kaohai across top of mountain to a concrete post at a place called Haalele Paakai. Thence:
5. N 40° 40' E true 1470 feet along Palawai to head of a large gulch. Thence:
6. N 56° 29' E true 6427 feet along Palawai down bottom of above-mentioned gulch to a red wood post on a prominent bluff on North side of gulch. Thence:
7. N 54° 22' E true 12997 feet along Palawai down ridge and across gulch near its mouth to a red wood post at sea shore at a place called Waiaopae.
8. S 30° 39' E 5829 feet along sea shore to point of Commencement.

Area 1785.8 Acres.

Exclusive of Grants & Awards.

Surveyed by M.D. Monsarrat, Assistant
Hawaiian Govt. Survey

Lanai, June 1877.

**Kaunolu Ahupuaa
Island of Lanai
Boundary Commission Volume No. 1 (pages 119-120)**

No. 37

Survey of the Government Land of Kaunolu, Lanai

Commencing at a pile of stones over a cross cut in a large stone (the same being the point of Commencement of Kalulu Survey) at the edge of precipice a few feet from the sea. The boundary runs:

1. N 87° 20' E true 2551 feet along Kalulu to a pile of stones on side Hill. Thence:
2. N 76° 00' E true 3206 feet along Kalulu to a rock marked with a cross.
3. N 54° 17' E true 6694.5 feet along Kalulu passing between Maakuia's house & his sheep pen to a point 14 feet East of a rock with a cross cut in it.
4. N 56° 15' E true 7944.6 feet along Kalulu to a pile of stones on South edge of Palawai Crater.
5. N 53° 14' E true 13359 feet along Kalulu across crater passing West of school house to a point on terrace marked with Mamane post.
6. N 44° 00' E true 3935 feet along Kalulu across terrace and to a red wood post on the top of a hill called Puu Alii.
7. N 52° 7' E true 9290 feet along Kalulu across Maunalei and Kalulu valleys to a red wood post on East edge of latter gulch. Thence:
8. N 20° 1' E true 9729.5 feet Along Kalulu down the East edge of Kalulu valley to a rock on edge of valley marked with a cross.
9. N 36° 4' E true 5878.5 feet along Kalulu to a red wood post on sea shore. Thence:
10. S 44° 7' W true 5581 feet along shore.
11. S 48° 1' W true 1510 feet along shore to a red wood post. Thence:

12. S 37° 9' W true 10808 feet along Palawai up ridge to a red wood post on the top of a red hill.
13. S 48° 12' W true 6071 feet along Palawai up ridge and across a small gulch and up another ridge to a red wood post. Thence:
14. S 30° 33' W true 1564 feet along Palawai up a path that follows up ridge to a red wood post. Thence:
15. S 1° 30' W true 4425 feet along Palawai across the large valley of Palawai to highest point of the Island. Thence:
16. N 38° 35' W true 3565 feet along Paawili & Kealia Aupuni.
17. N 72° 00' W true 1025 feet along Kealiakapu. Thence:
18. S 32° 10' W true 1660 feet along Kealiakapu down ridge to a point marked by two Triangular pits and bottle at the edge of a gulch.
19. Thence down the bottom of this gulch and up the main gulch to a point on South bank marked by two Tri. pits and buried bottle; which point bears S 61° 45' W true 3482 feet from last point. [page 119]
20. Thence down the bottom of the main gulch to a point on East bank marked by two Tri. pits & bottle which bears from last point S 36° 21' W true 930 feet.
21. Thence still down the bottom of the gulch to a point on East bank marked by two Tri. pits and bottle which bears from last mentioned point S 18° 7' E true 538 feet.
22. Thence still down the bottom of the gulch (which where it enters the crater is called the Kauhe) to a large rock at mouth on lower side of the road marked with a cross, and called "Pohakuloa;" which rock bears S 46° 20' W true 2450 feet from last mentioned point.
23. S 44° 8' W true 13375 feet along Kealiakapu across the crater to a point marked by two Tri. pits a little S.E. of a white house belonging to Ohua.
24. S 62° 24' W true 5889 feet along Kealiakapu to a point marked by two Tri. pits and a post near an old house site.
25. S 42° 27' W true 1698 feet along Kealiakapu to a point marked by two Tri. pits.
26. S 48° 30' W true 1275 feet along Kealiakapu to a point marked by two Tri. pits.
27. S 32° 55' W true 3125 feet along Kealiakapu to rock marked with a cross.
28. S 18° 11' W true 1637 feet along Kealiakapu to rock marked thus → in a clump of rocks.

29. S 25° 00' W true 2280 feet along Kealiakapu to a rock marked with a cross at the Commencement of a small gulch.
30. Thence down the bottom of said gulch and large gulch (that reaches the sea near the Heiau) to a point marked by a cross on the S.E. side of the gulch at a bend in it which point bears from last point S 27° 23' W true 3663 feet.
31. Thence down the bottom of the gulch passing to the N.W. of a well in the gulch (which well belongs to Kealiakapu) to a large rock marked with a cross and from thence to the sea at a point on the shore at the middle of the harbor; which point bears from the rock on the side of the gulch at the bend S 33° 57' W true 1343 feet.
32. Thence following the sea shore to point of Commencement. The traverse along the shore being as follows:
 1. N 56° 7' W true 150 feet.
 2. N 27° 54' W true 4387 feet.
 3. N 39° 14' W true 4234 feet.
 4. N 31° 35' W true 1640 feet.
 5. N 18° 23' W true 3142 feet to point of Commencement.

Surveyed by M.D. Monsarrat,
Assistant

Hawaiian Government Survey.

Lanai, June 1877.

Hanaia a hooholoia e a'u ma Lahaina i ka la 29 & 17 o Sept. A.D. 1877.

Komisina P. A. o Maui, 2nd Jud. Circuit.
[Translation]

Executed and moved by me at Lahaina on the 29th & 17th day of Sept. A.D.
1877.

Commissioner of Land Boundaries, Maui, 2nd Jud, Circuit.

[Comprising 7860 Acres.]

**Paomai Ahupuaa
Island of Lanai
Boundary Commission Volume No. 2 (pages 35-37)**

No. 81

Land of Paomai, Island of Lanai.

Lahaina, Maui, Feb. 28th, 1891.

In the matter of the settlement of the Boundaries of the land of Paomai, Island of ~~Meleka~~ Lanai.

Application made by Commissioner of Crown Lands, Curtis P. Iaukea.

Mr. R.W. Meyer for Honorable C.R. Bishop, Mrs. B.P. Bishop and himself and Mr. M.D. Monsarrat for the Hawaiian Government respectively, and having filed their authorization to act in the premises, the following were agreed to be the Boundaries of this land, and in accordance with the agreement and their [sic] being no parties of interest, it is decreed that the Boundaries of the said land of Paomai, Island of Lanai, are as follows:

Commencing at a cross cut in a rock at a rocky point called Lae Wahie the boundary runs:

1. S 22° 47' W true 4482 feet along Mahana to a cross cut on a stone.
2. S 9° 04' E true 5279 feet along Mahana to a triangle cut on a stone.
3. S 27° 24' E true 3830 feet along Mahana to a cross cut on a stone at a place called Halala.
4. Thence along Mahana following up the East edge of the gulch, to a red wood post which bears S 12° 51' E true 5995 feet from last point (at a place called Puu Kauwela). Thence:
5. Still along Mahana up edge of gulch to a point on East bank. The traverse from the red wood, post being as follows:
6. S 15° 01' W true 1076 feet. [page 35]
7. S 37° 05' E true 2023 feet.

8. S 73° 29' E true 1928 feet.
9. S 59° 11' E true 1578 feet.
10. S 14° 03' East true 1438 feet to above mentioned point.
11. S 37° 17' W true 1447 feet along Mahana to a red wood post at head of Paomai gulch and on edge of a branch of the Maunalei gulch.
12. S 28° 53' E true 3143 feet along Mahana to three stones set in a triangle on South edge of branch of Maunalei gulch.
13. S 49° 14' E true 8425 feet along Mahana to a red wood post on ridge that comes down from the central mountain range (said post being the North edge of Valley that contains the water hole of Kaiholena).
14. N 62° 37' W true 6742.5 feet along Kamoku down above mentioned ridge and across valley into a small ridge and down said ridge to a red wood post at end of same.
15. S 84° 37' W true 1316.8 feet along Kamoku to a cross cut on a stone.
16. S 74° 08' W true 6258 feet along Kamoku passing to the North of a couple of Hala clumps to two triangular pits at an old house site.
17. S 74° 51' W true 5045 feet along Kamoku to a cross cut on a stone at head of gulch.
18. N 86° 06' W true 1368 feet along Kamoku down South side of gulch.
19. S 83° 45' W true 1455 feet along Kamoku to a cross cut in a stone.
20. S 74° 09' W true 920 feet along Kamoku.
21. N 55° 12' W true 898 feet along Kamoku across gulch to a red wood post a little West of a cactus clump.
22. N 67° 28' E true 1475 feet along Kaa to a rock marked thus T.
23. N 56° 34' E true 1574 feet along Kaa to a red wood post set in middle of triangular [sic] formed by three stones.
24. N 63° 22' E true 10649 feet along Kaa to a hugh [huge] rock marked thus  .

25. N 37° 20' W true 1622 feet along Kaa to a red wood post at a place called Kakalani [Kakaalani] from which point Puu Manu Signal Station bears S 36° 57' E true.
26. N 59° 42' W true 13846 feet along bed of shallow ravine to a rock marked thus 
27. N 54° 19' W true 3449 feet along Kaa to red wood post on small hill from which point Signal of hill Kanepuu bears S 54° 38' W true. [page 36]
28. N 33° 59' W true 2310 feet along Kaa to rock marked thus X.
29. N 17° 12' W true 2334 feet along Kaa to center of triangle formed by three stones set in the ground.
30. N 11° 57' W true 14243 feet along Kaa to a red wood post set in a sandy hill near place called Pohakuloa.
31. N 86° 18' W true 4574 feet along Kaa to corner of enclosure at Kamai's house.
32. S 77° 18' W true 1776 feet along Kaa;
33. N 89° 09' W true 4737 feet along Kaa to place called Hale o Lono.
34. N 83° 47' E true 10966 feet along sea shore.
35. S 76° 21' E true 8288 feet along sea shore.
36. S 88° 15' E true 8889 feet along sea shore to point of Commencement.

Area 9078.97 Acres.

Costs

Hearing	10.00
Certificate	2.00
Evidence 1125 words	2.81
Certificate 1148 words	5.74
Stamp	1.00
Advertisement	2.00
Total	\$23.55

Saml. L. Chillingworth
 Commissioner of Boundaries II J. C. [page 37]

**Mahana Ahupuaa,
District of Lahaina, Island of Lanai,
Boundary Commission, Maui, Volume No. 2 (pages 38-39)**

No. 80

Land of Mahana, Island of Lanai

Lahaina, Maui, Feb. 28th, 1891.

In the matter of the settlement of the Boundaries of
the land of Mahana, Island of Lanai.

Application by Prof. W.D. Alexander for the Hawaiian
Government.

F.H. Hazeldon [sic], Esq. and Mr. M.D. Monsarrat W.M. Gibson
and Government and Crown Lands respectively; and having
filed their authorization to act in the premises, the
following were agreed to be the boundaries of this land,
and in accordance with the agreement and their [sic] being
no parties of interest, it is decreed that the Boundaries
of the said land of Mahana, Island of Lanai,
are as follows:

Commencing at a cross cut in a rock at a rocky point
called Lae Wahie the boundary runs:

1. S 22° 47' W true 4482 feet along Paomai to a cross
cut on a stone. Hence:
2. S 9° 04' E true 5279 feet along Paomai to a triangle cut on a stone.
3. S 27° 24' E true 3830 feet along Paomai to a cross cut on a stone
(at a place called Halala).
4. Hence along Paomai following up the East edge of
the gulch, to a red wood post which bears
S 12° 51' E true 5995 feet from last point
(at a place called Puu Kauwela). Hence:
5. Still along Paomai up edge of gulch to a point on
East bank. The traverse from the red wood
post being as follows:

S 15° 1' W true 1076 feet.
S 32° 5' W true 2023 feet.
S 73° 29' E true 1928 feet.
S 52° 11' E true 1,578 feet.
S 14° 3' E true 1438 feet to above mentioned post.

6. S 37° 17' W true 1447 feet along Paomai to a red wood post at head of Paomai gulch and on edge of a branch of the Maunalei gulch.
7. Thence S 28° 53' E true 3143 feet along Paomai to three stones set in a triangle on South edge of branch of Maunalei gulch. Hence: [page 38]
8. S 49° 14' E true 8425 feet along Paomai to a red wood post on ridge that comes down from the central mountain range (said post being on North edge of Valley that contains the water hole of Kaiholena).
9. N 0° 41' E true 3555 feet along Kalulu to a red wood post on the summit of a hill called Puu Kukai on West edge of Maunalei Valley. Hence:
10. N 36° 26' W true 5265 feet along Maunalei to end of a ridge called Naio.
11. N 29° 42' E true 20513 feet along Maunalei Valley down ridge and bottom of Valley to a red wood post on the sea shore. Hence along shore to point of commencement. The traverse along the shore being as follows:
 - N 48° 9' W true 2878 feet.
 - N 57° 7' W true 2267 feet.
 - N 65° 37' W true 2074 feet.
 - N 72° 34' W true 5610 feet.
 - N 79° 12' W true 7269 feet to point of commencement.

Area 7973.37 Acres.

Costs

Hearing	\$10.00
Certificate	2.00
Evidence 613 words	1.53 ¼
Certificate 715 words	3.57 ½
Stamp	1.00
Advertisement	2.00
	\$20.10

Saml. L. Chillingworth
 Commissioner of Boundaries II J.C. [page 39]

**Kaa Ahupuaa
District of Lahaina, Island of Lanai
Boundary Commission, Maui, Volume No. 2 (pages 40-41)**

Land of Kaa, Island of Lanai

Lahaina, Maui, Feb. 28th, 1891

In the matter of the settlement of the Boundaries of the land of Kaa, Island of Lanai.

Application by William G. Irwin & Co.

Mr. M.D. Monsarrat for Wm. G Irwin & Co., Commissioner of Crown Lands and the Hawaiian Government, respectively, and having filed his authorization to act in the premises, the following were agreed to be the Boundaries of the land, and in accordance with the agreement and their [sic] being no other parties of interest, it is decreed that the Boundaries of the said land of Kaa, Island of Lanai, are as follows:

Commencing at a red wood post at a place called Kakaalani from which point Puu Manu Sig. Sta. bears S 36° 57' E true. Thence the Boundary runs:

1. N 59° 42' W true 13846 feet along Paomai along bed of shallow ravine to rock marked **X**.
2. N 54° 19' W true 3449 feet along Paomai to red wood post on small hill from which point signal of hill Kanepuu bears S 54° 38' W true.
3. N 33° 59' W true 2310 feet along Paomai to rock m'k'd **X**.
4. N 17° 12' W true 2334 feet along Paomai to center of triangle formed by three stones set in the ground.
5. N 11° 57' W true 14243 feet to a red wood post set in sandy hill near place called Pohakuloa.
6. N 86° 18' W true 4574 feet along Paomai to corner of enclosure at Kamai's house.
7. S 77° 18' W true 1776 feet along Paomai.
8. N 89° 9' W true 4737 feet along Paomai to place called Hale o Lono.
9. N 88° 46' W true 1309 feet along sea shore.
10. S 77 50' W true 3970 feet along sea shore.

11. S 59° 48' W true 6600 feet along sea shore.
12. S 55° 15' W true 2008 feet along sea shore.
13. S 11° 10' W true 3453 feet along sea shore.
14. S 12° 58' W true 3995 feet along sea shore.
15. S 25° 20' E true 7135 feet along sea shore.
16. S 48° 30' E true 1010 feet along sea shore.
17. S 60° 03' E true 4860 feet along sea shore. [page 40]
18. S 72° 30' E true 4995 feet along sea shore.
19. S 52° 39' E true 8822 feet along sea shore.
20. S 29° 09' E true 5415 feet along sea shore.
21. S 29° 57' E true 4635 feet along sea shore to Kamoku Boundary.
22. N 68° 53' E true 1664 feet along Kamoku to a point 10 feet East of a large rock with a cross cut in it.
23. N 70° 33' E true 3590 feet along Kamoku up North edge of gulch to rock marked thus **X**.
24. N 64° 57' E true [illegible] feet along Kamoku up North edge of gulch to rock marked thus **X**.
25. N 65° 58' E true 1617 feet along Kamoku to a red wood post a little to the West of a cactus clump on North edge of gulch.
26. N 67° 28' E true 1475 feet along Paomai to rock marked thus **T**.
27. N 56° 34' E true 1574 feet along Paomai to red wood post set in middle of triangle formed by three stones;
28. N 63° 22' E true 10649 feet along Paomai to hugh [huge] rock marked Δ .
29. N 37° 20' W true 1622 feet along Paomai to point of Commencement.

Area 19468.31 Acres.

Samuel L. Chillingworth
Commissioner of Boundaries II J.C.

Costs	
Hearing	\$10.00
Stamp	1.00
Certificate	2.00
Certificate 685 words	3.42
Evidence 760 words	1.90
	\$18.32
Advertisement	2.00
	\$20.32 [page 41]