Notes of Survey.

Waiohinu Kau Hawaii

No 91
R. A. Lyman

According to certificate of Boundary Commission
June 14th 1876

Survey by F. S. Lyman

Magnetic BEARINGS.	DISTANCES. Chains.	Links.	REMARKS.
			Commencing at a rock in the sea on the East Side of Kaaluala bay called "Kapaakea" and run
1. N. 7° 15' W.	12.50		along the boundary of the land of "Kiolakaa" to X cut in pahoehoe rock by a goat pen 2. chains from the shore
2. N. 3° 00' E.	182.20		to N. cut in the rock on makai side of a large pit -
3. N. 20° 00' W.	15.40		to a pile of stones {at "Pohakuloa"
4. N. 13° 15' W.	56.20		to N. cut in pahoehoe rock
5. N. 16° 30' W.	22.55		to X. " " " 8.54 ch. makai of "Poonalulu"
6. N. 5° W.	50.75		to K. " " "
7. N. 7° 30' W.	22.55		to H. " " "
8. N. 20° 00' W.	22.12		to a pile of Stones
9. N. 17° 00' W.	13.44		along land of Kekua Royal Patent No. 811
10. N. 27° 45' W.	19.88		" " " " " " " "
11. N. 22° 30' W.	15.00		" " " Namakalua " " No.
12. N. 14° 45' W.	25.00		" " " Mamuna " " No. 2573
13. N. 29° 45' W.	40.20		" " " Kapuaoho " " No. 1373.
14. N. 30° 15' W.	34.70		" " " H. Kinney " " No. 810
			to Govt Road to Kona
15. N. 57° 30' W.	16.10		along land of Haupu Royal Patent No. 809
16. N. 48° 15' W.	15.00		" " " " " " "
17. N. 47° 30' W.	7.70		" " Kaulia " " No 808
18. N. 42° 00' W.	8.28		" " " " " " " "
19. N. 29° 15' W.	28.52		" " " " " " " "
20. N. 30° 00' W.	12.60		" Govt portion of Kiolakaa to a pile of stones
21. N. 39° 45' W.	17.50		" " " " " " " "
22. N. 40° 30' W.	33.08		" " " " " " " "
23. N. 34° 00' W.	16.17		" " " " " " " " just below Scattering woods — not "Waiakaalae" spring bears from here N. 50° E. 78.70 chains across the land —
24. N. 28° 43' W.	127.25		along Govt land to "Kalakupala" in scattering woods
25. N. 47° 45' W.	22.83		Along "Kuaakaa" Stream
26. N. 40° 18' W.	401.00		to a pile of stones on the Aa at the head of "Kiolakaa" on the boundary of "Kahuku"
27. N. 37° 15' W.	20.10		~~Along~~ the boundary of Kahuku to pile of stones on edge of
28. N. 48° 15' W.	5.08		" " " " to a big Koa {Aa flow tree mkd X on four sides
29. N. 45° 30' E.	185.00		Along Kahuku to edge of woods
30. N. 16° 30' W.	12.50		" " " to an Ohia tree mkd A at point of woods
31. N. 46° 15' E.	73.00		" " " " Ohia tree mkd X the upper foot line
32. N. 35° 00' E.	18.00		" " to the middle of the point of woods called "Namanuokaulou"
33. S. 24° 10' E.	495.00		Along "Kaalaiki" Govt land to Kapaumanu a high prominence at the lower edge of the thick Ohia forest; thence
34. S. 26° 00' E.	30.00		Along Kaunamano, Govt land — to a point from which the West corner of "Kioloku" land the letter A cut in bed rock at the junction of two streams bears N. 40° E. 11.00 chains —
35. S. 11° 45' W.	49.88		Along Kaunamano to "Keakanwila" stream at the north corner of Kahilipali nui
36. [illegible]	30.95		Along Kahilipali nui to the top of

Magnetic BEARINGS.	DISTANCES. Chains.	Links.	REMARKS.
			Puulia pali at the pulu road
37. S. 40° 00' E.	22.35		Along Kahilipali nui along pulu road
38. S. 8° 15' E.	20.48		" " "
39. S. 47° 15' E.	27.25		" " to Waiakaalae Spring
40. S. 37° 30' E.	25.15		" " "
41. S. 43° 30' E.	15.25		" " to Manuliuli Spring just below Scattering Woods
42. S. 81° 30' E.	4.12		" " Along stream to Kukui tree
43. S. 12° 15' E.	21.50		" " "
44. S. 48° 15' E.	15.55		" " " " Thence leaving the stream
45. S. 42° 30' E.	26.10		" " to N. cor. of a ditch around Kuleana
46. S. 26° 00' E.	5.17		" " along ditch to the East corner thence
47. S. 42° 00' E.	7.35		" " to a stone marked V
48. S. 53° 15' E.	8.90		" "
49. S. 43° 45' W.	1.24		" " land of Leanui Royal Patent No 969
			" " to a stone marked Y
50. S. 37° 00' W.	7.32		" " to a stone marked X
51. S. 23° 30' E	2.82		
52. S. 34° 30' E.	3.68		
53. S. 37° 45' E.	16.50		
54. N. 74° 00' E.	5.84		
55. S. 24° 30' E.	6.94		
56. S. 2° 30' E.	9.50		
57. S. 9° 20' E.	2.07		
58. S. 2° 15' E.	4.28		to the brow of the hill mauka of the Govt road to Hilo
59. South	23.36		to I cut in the pahoehoe rock
60. S. 9° 30' E.	24.74		to X cut in " "
61. S. 16° 30' E.	16.34		to a pile of stones
62. S. 19° 00' E.	22.55		Along Royal Patent No 2771 to a pile of Stones
63. S. 24° 45' E.	30.00		" " " " " " " "
64. S. 32° 30' E.	21.48		" " " " " " " "
65. East	16.00		" " " " " " " "
66. S. 23° 30' E.	16.46		" " " " " " " "
67. S. 12° 00' E.	32.65		" " " " " " " at the top
68. S. 11° 15' E.	114.50		Along Kahaea Govt land to A {of the pali
69. S. 11° 30' E	57.65		" " " " to pile of Stones
70. S. 56° 30' E	4.58		Along land of Heleloa R.P. No. 994 to Sea Shore thence along the sea coast in bent lines about as follows
71. S. 5° 30' W.	171.30		
72. S. 65° 15' W.	61.25		to the point of Commencement
			Containing an Area of 15,210 Acres more or less

Plan of Survey.

Map by F. S. Lyman
March 1876
Reduced and copied by
C. S. Kittredge
June 1877

Scale 1:60,000

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