

COLONY OF KENYA AND THE E. A. PROTECTORATE.

AGRICULTURAL DEPARTMENT.

Reference to other relative
correspondence.

SUBJECT.

Supplementary Report

Yhisea-Kambicho

INDEX.

PRINTED AND PUBLISHED BY THE GOVERNMENT OF KENYA, NAIROBI.

Enclosures of

for districts served by the proposed

THIKA - KYAMBICHO RAILWAY EXTENSION.

3 years after completion of Railway.

District	AREAS UNDER CULTIVATION OF						ESTIMATED PRODUCE FOR RAIL.						ESTIMATED EARNINGS ON NEW LINE.					
	Sisal.	Coffee.	Flex.	Maize & Beans.	Wheat.	General Crops.	Sisal.	Coffee.	Flex.	Maize & Beans.	Wheat.	General Crops.	Sisal.	Coffee.	Flex.	Maize & Beans.	Wheat.	General Crops.
	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.
Thika Area 1.	17,000	10,500	-	-	-	-	88,000	42,000	-	-	-	20,000	8,913	7,000	-	-	-	672
Nyeri Area 2.	-	1,000	750	750	-	-	-	6,000	3,000	8,000	-	-	-	1,416	384	462	-	-
N. & W. Kenya Area 3.	-	-	500	-	-	-	-	-	2,000	-	17,317	20,000	-	-	256	-	2,992	1,300
Native Reserve Area 4.	-	-	-	-	-	-	-	-	-	-	-	26,500	-	-	-	14,326	-	2,000
Total.	-	-	-	-	-	-	88,000	48,000	5,000	24,000	17,317	76,432	8,913	8,420	540	14,326	2,992	4,000

District	AREAS UNDER CULTIVATION OF						ESTIMATED PRODUCE FOR RAIL.						ESTIMATED EARNINGS ON NEW LINE.					
	Sisal.	Coffee.	Flex.	Maize & Beans.	Wheat.	General Crops.	Sisal.	Coffee.	Flex.	Maize & Beans.	Wheat.	General Crops.	Sisal.	Coffee.	Flex.	Maize & Beans.	Wheat.	General Crops.
	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.
Thika Area 1.	17,000	10,500	-	-	-	-	88,000	42,000	-	-	-	20,000	8,064	11,760	-	-	-	672
Nyeri Area 2.	-	1,000	750	1,500	-	-	-	6,000	3,000	14,000	-	-	-	2,124	760	924	-	-
N. & W. Kenya Area 3.	-	-	-	-	-	-	-	-	2,000	-	44,643	50,000	-	-	512	-	7,463	3,400
Native Reserve Area 4.	-	-	-	-	-	-	-	-	-	-	-	43,722	-	-	-	17,912	-	2,936
Total.	-	-	-	-	-	-	88,000	48,000	5,000	27,000	44,643	113,722	8,064	13,504	1,272	14,326	7,463	7,000

ESTIMATE OF AREAS, CULTIVATION, PRODUCE AND EARNINGS

for districts served by the proposed

TRIKA - KYA RICHQ RAILWAY EXTENSION.

NEW LINE.			ESTIMATED EARNINGS ON NEW LINE.							EARNINGS OF INCREASED TRAFFIC ON EXISTING LINE.							Total earnings New line.	Total increased earnings on existing line.	Total Earnings.
No. line.	Dist.	General Crops.	Sisal.	Coffee.	Flax.	Maise & Beans.	Wheat.	General Crops.	Sisal.	Coffee.	Flax.	Maise & Beans.	Wheat.	General Crops.	Fls.	Fls.	Fls.		
No.	Dist.	Crops.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.		
		20,000	5,913	7,006	-	-	-	672	29,030	39,603	-	-	-	6,720	13,641	75,353	86,994		
697				1,416	384	462	-	-	-	3,662	1,361	3,000	-	-	2,262	6,023	10,286		
	17,527	20,000			206	-	2,992	1,300			907	-	1,350	8,675	4,626	10,932	15,560		
697		10,432				14,720		2,420						3,256	17,374	23,171	40,545		
804	17,527	75,432	6,243	7,478	750	15,720	2,306	4,500	29,030	39,603	3,368	22,908	7,350	36,961	37,908	117,479	153,384		

NEW LINE.			ESTIMATED EARNINGS ON NEW LINE.							EARNINGS OF INCREASED TRAFFIC ON EXISTING LINE.							Total earnings New line.	Total increased earnings on existing line.	Total Earnings.
No. line.	Dist.	General Crops.	Sisal.	Coffee.	Flax.	Maise & Beans.	Wheat.	General Crops.	Sisal.	Coffee.	Flax.	Maise & Beans.	Wheat.	General Crops.	Fls.	Fls.	Fls.		
No.	Dist.	Crops.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.		
		20,000	8,060	11,780	-	-	-	672	50,804	112,314	-	-	-	6,720	20,496	169,888	190,384		
993				2,124	750	504	-	-		7,326	2,723	6,000	-	41	3,816	16,048	19,864		
	44,643	50,000			612	-	7,483	3,400			1,815	-	3,600	22,400	11,446	27,815	39,260		
945		43,722				17,912		2,936				19,908		3,267	20,650	23,175	44,026		
978	44,643	113,722	8,064	13,884	1,200	16,386	7,483	7,060	50,804	119,639	4,538	25,908	3,600	32,587	56,607	226,676	293,483		

Appendix 4

ESTIMATES OF LIVE STOCK, DAIRY PRODUCE AND EARNINGS FOR DISTRICTS
BY THE PROPOSED THIKA - KYAMBICO RAILWAY EXTENSION.
1 Year after completion of railway.

3 Years after completion of railway.

District.	LIVE STOCK.										BACON & BACON PRODUCTS.				BUTTER.			
	Estimated No. on rail.			Earnings on New Line.			Earnings of increased traffic on existing line.			Total earnings New Line.	Total increased earnings existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New Line.	Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New Line.
	Cattle.	Sheep.	Pigs.	Cattle.	Sheep.	Pigs.	Cattle.	Sheep.	Pigs.				Cwt.	Lbs.	Lbs.	Lbs.	Cwt.	Lbs.
	No.	No.	No.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.						
Thika Lonyo Babuk Area 1.	-	-	2500	-	-	388	-	-	-	388	-	388	3125	-	7630	7630	-	-
Nyeri Area 2.	-	-	375	-	-	123	-	-	-	123	-	123	469	-	1145	1145	-	-
A. & W. Kenya Area 3.	500	5000	-	1020	1625	-	775	1240	-	2655	2015	4670	3125	1109	7630	8739	2232	372
Native Reserve Area 4.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.	500	5000	2875	1020	1625	511	775	1240	-	3166	2015	5181	6719	1109	16405	17514	2232	372

10 Years after completion of railway.

District.	LIVE STOCK.										BACON & BACON PRODUCTS.				BUTTER.			
	Estimated no. on rail.			Earnings on New Line.			Earnings of increased traffic on existing line.			Total earnings New Line.	Total increased earnings existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New Line.	Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New Line.
	Cattle.	Sheep.	Pigs.	Cattle.	Sheep.	Pigs.	Cattle.	Sheep.	Pigs.				Cwt.	Lbs.	Lbs.	Lbs.	Cwt.	Lbs.
	No.	No.	No.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.	Ls.						
Thika Lonyo Babuk Area 1.	-	-	2500	-	-	388	-	-	-	388	-	388	3125	-	7630	7630	-	-
Nyeri Area 2.	-	-	375	-	-	123	-	-	-	123	-	123	469	-	1145	1145	-	-
A. & W. Kenya Area 3.	1000	10000	-	2040	3270	-	1550	2480	-	3310	4030	6340	4250	2015	7630	11905	2232	372
Native Reserve Area 4.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.	1000	10000	2875	2040	3270	511	1550	2480	-	3551	4030	7581	7844	2015	16405	18420	2232	372

PROPOSED STOCK AND EARNINGS FOR DISTANCE SERVED
 RAILWAY EXTENSION
 A YEAR AFTER COMPLETION OF RAILWAY

BUTTER.		CHEESE.				WOOL.				TOTAL EARNINGS.				
Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New line.	Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New line.	Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New line.	Earnings of increased traffic on existing line.	Total Earnings.	Stock & Animal Products
Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	New line. Fls.
7630	7630													30
1145	1145													123
7630	8739	2832	372	2022	7826	2800	326	6375	7310	1116	195	3790	3005	5266
16936	17614	2222	372	2050	2922	6600	326	6375	7310	1116	195	3790	3005	5777

BUTTER.		CHEESE.				WOOL.				TOTAL EARNINGS.				
Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New line.	Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New line.	Earnings of increased traffic on existing line.	Total Earnings.	Estimated Produce for rail.	Earnings on New line.	Earnings of increased traffic on existing line.	Total Earnings.	Stock & Animal Products
Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	Fls.	New line. Fls.
7630	7630													308
1145	1145													123
7630	8644	764	5100	5844	11160	1870	12750	14620	2282	300	7742	6132	10532	44832
16936	17614	1464	5100	5844	11160	1870	12750	14620	2282	300	7742	6132	11042	50552

Appendix I

SUMMARY OF PRODUCE & EARNINGS FROM PORT OF TRIFA - KYAMBONO EXTENSION

AND ESTIMATES OF GOODS AND PASSENGER TRAFFIC 3 YEARS AND

10 YEARS AFTER COMPLETION OF RAILWAY.

3 Years after Completion of Line.

10 Years after Completion of Line.

Products.	Total Produce etc. for rail.			Estimated earnings on New Line.	Estimated earnings of increased traffic on existing line.	Total Earnings.	Total Produce etc. for rail.			Estimated earnings on New Line.	Estimated earnings of increased traffic on existing line.	Total Earnings.
	No.	Tons.	Cubs.				No.	Tons.	Cubs.			
				Fls.	Fls.	Fls.				Fls.	Fls.	Fls.
Rice.		88000		5913	29030	37943			120000	8053	50804	58857
Coffee.		48000		6472	43265	51737			79000	13804	119629	133523
Ylax.		5000		640	2246	2906			10000	1280	4538	5818
Maize & beans.		228804		15388	22905	38793			279938	18835	25908	44744
Wheat.		17857		2092	1350	4342			44643	7483	3810	11083
General Crops.		76432		4500	19661	23161			112722	18660	32387	39447
Cattle.	500			1020	776	1796	1000			2000	1550	3590
Sheep.	6000			1636	1140	2776	10000			3270	2480	5750
Pigs.	2875			511		511	2875			521		511
Bacon & Bacon Products.				6719	1109	7828			9044	2218	3406	2628
Butter.				2232	372	2604			4464	744	5100	5844
Cheese.				5680	930	6610			11260	1870	12780	14650
Wool.				1116	190	1306			223	394	7742	8132
Inward Traffic.	11688			24994		24994		56368		83214	469214	552528
European do.	656			24197		24197		8000		36000	117900	153900
Native do.	16167			16166		16166		22334		32334	289999	610293
Total.		11608	47374	25325	49293	70628		96368	67003	51028	1,15466	1,574904

INWARD TRAFFIC.

Abstract - Uganda Railway Service 1912 - 1920.

Inward to Thika 6312 tons valued at Fls. 54347.

(5500)

(54000)

Providing for threefold increase 5 years after.

do. do. tenfold do. 10 do.

Thika - Kyambicho. 64 miles.

	New Line.		Existing Railway.		Loss.	
	Quantity.	Earnings over 40 miles	Quantity.	Earnings over 362 miles.	Quantity	Earnings over 362 miles
	Tons.	Fls.	Tons	Fls.	Tons.	Fls.
Present.	12500 394,000 cwt.	24774	19600 <u>7612</u> 11888	16200 <u>32201</u> 79401	2812	32000
30 years.	55000 1,300,000 cwt.	63314	65000 <u>8612</u> 66368	64000 <u>70706</u> 469274	6600	79700

	Total No. of Passengers 4 trips 1340 x 4.	EARNINGS ON NEW LINE. Average 40 miles.			INCREASED EARNINGS ON EXISTING LINE.				
		First Class. 1360 Tickets.	Second Class 4000 Tickets.	Total Earnings.	Thika - Nairobi. 32 miles.				
				First Class 1360 Tickets.	Second Class 4000 Tickets.	Total.	1000 Singles. first 330 miles.	Total increased earnings.	
3 Years.	5360	9792	14700	7833	11520	19353	59400	78753	
	Total No. of Passengers 4 trips. 2000 x 4.	EARNINGS ON NEW LINE. Average 40 miles.			INCREASED EARNINGS ON EXISTING LINE.				
		First Class. 2000 Tickets.	Second Class 6000 Tickets	Total Earnings.	Thika - Nairobi. 32 miles.				
				First Class 2000 Tickets.	Second Class 6000 Tickets.	Total.	1500 Singles. first 330 miles.	Total increased earnings.	
10 Years.	8000	14400	21600	36000	11900	17800	29700	117900	

FARMING EXPENSES

Railroad Expenses 1914-15

Earnings of Shoppers	Total Earnings	Estimated Production	Estimated Expenses	Estimated Profits	Total Earnings	Estimated Profits

NATIVE PASSENGER TRAFFIC.

Railway figures show 4,074 in 1 month = { 48,888 in 1 year
 { 48,800

Providing for 5 fold increase in 3 years.

do. do. 10 do. do. do. 10 do.

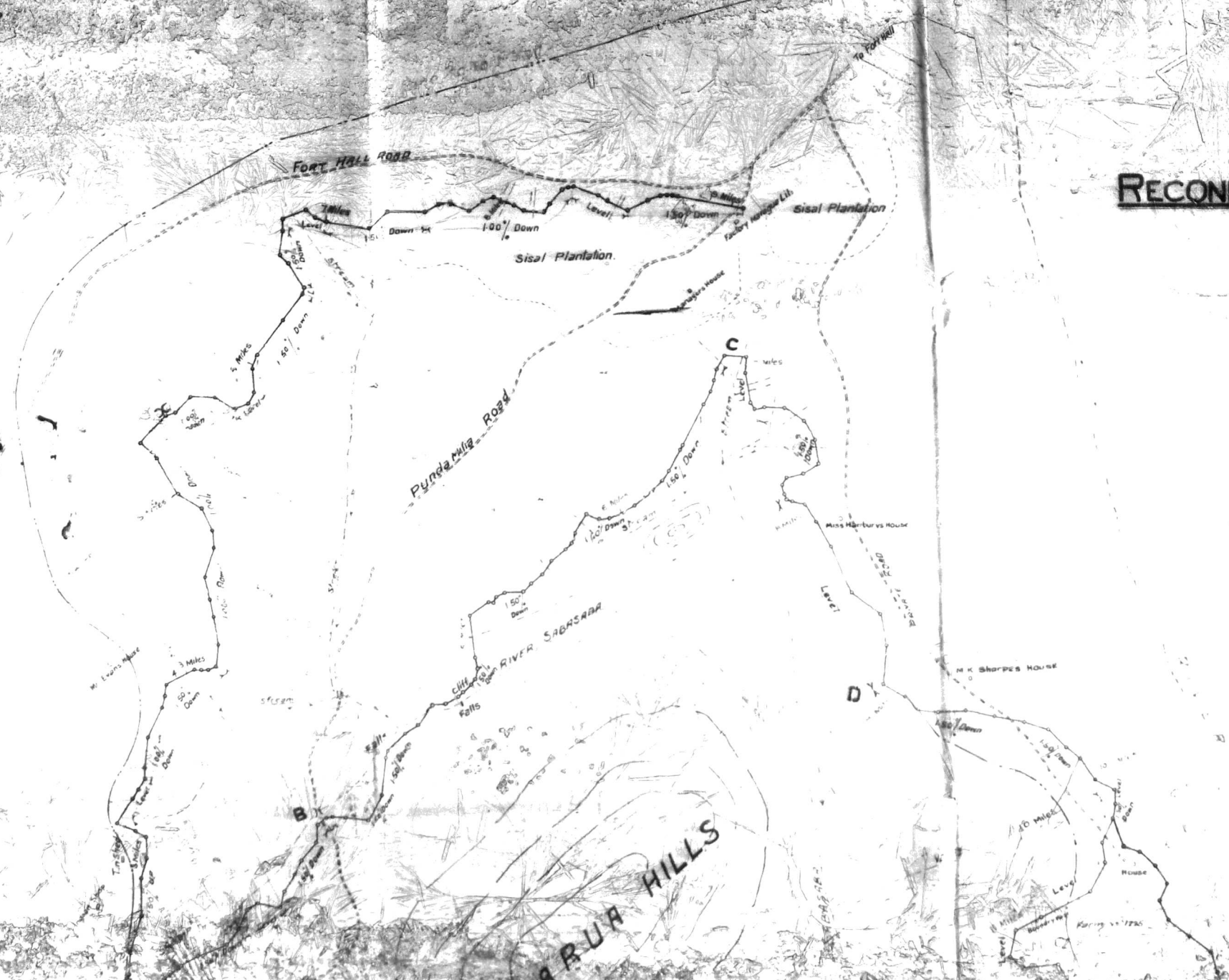
Estimated for Kumbhoko. 54 miles.

	New Line.		Existing Line.		Less	
	No. of Singles.	Value @ 2¢ cts per mile. Average 40 miles.	No. of Singles.	Value at 2¢ cts per mile. Average 40 miles.	No. of Singles.	Value @ 2¢ cts per mile. Average 40 miles.
3 years.	101067	161667	101067	161667 36375	48600	36375
			48600	75292		
			113167	125292		
10 years.	323334	323334	323334	323334 36375	48600	36375
				75292		
			286959	286959		

1-236

RECONNAISSANCE

KARUA



H

— NYERI LINE —
PROPOSED
RECONNAISSANCE BETWEEN PUNDA MILIA &
KAMBICHO FALLS

Scale 20000 or 5 1/2 inches to mile

Note

Length of
Distance



HILLS

SPRING

10 miles

Level

HOUSE

11 Miles

11 Miles

Farm N5 1228

12 Miles

H

R.R. QU

101507	101507
101507	101507
101507	101507
101507	101507
101507	101507
101507	101507
101507	101507
101507	101507

WATER

MARKER

11 Miles

12 Miles

13 Miles

14 Miles

15 Miles

16 Miles

17 Miles

18 Miles

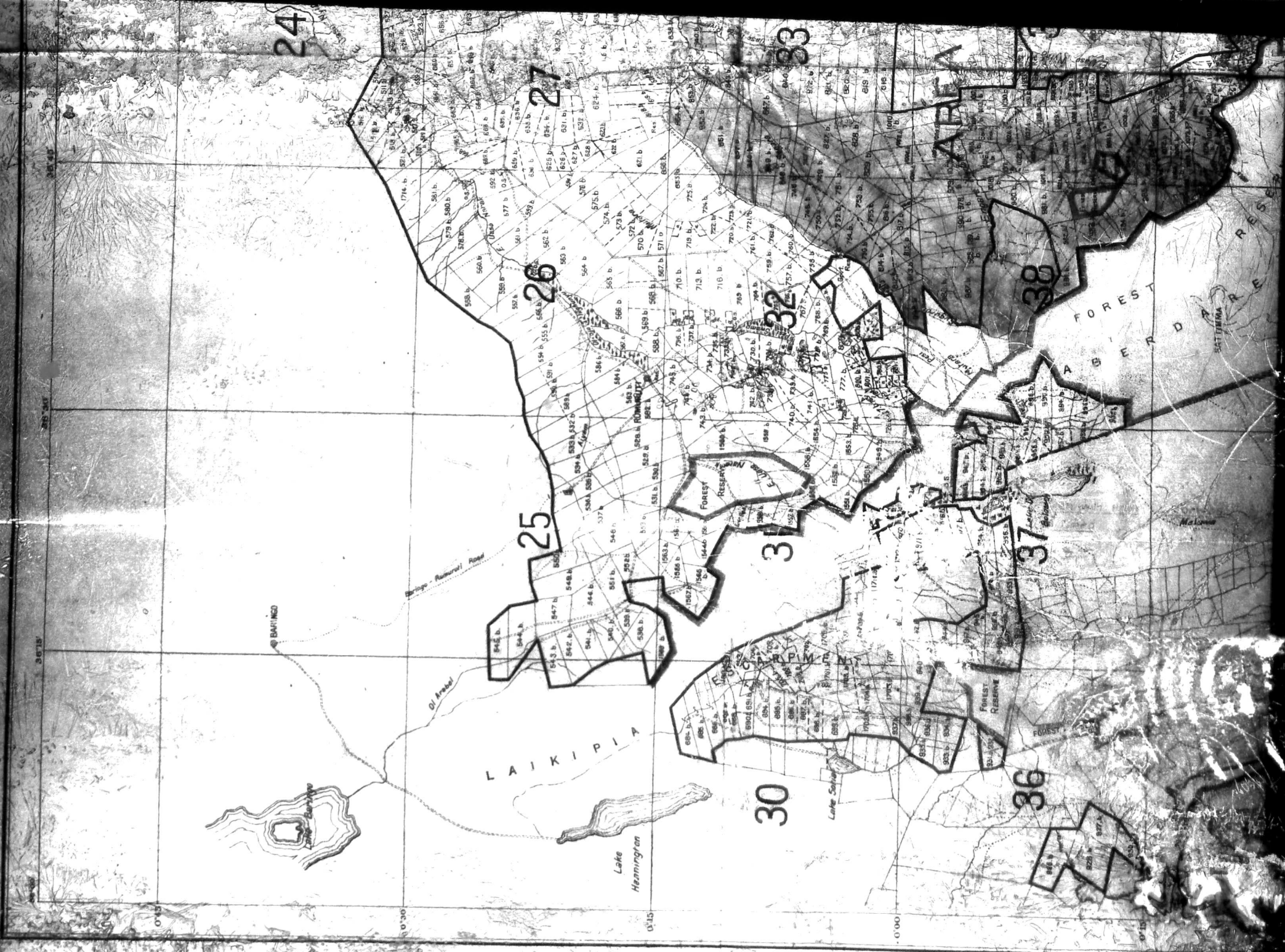
19 Miles

20 Miles



SD/H. M. BIRCH
 EXECUTIVE ENGINEER
 NAIROBI

Taj Din Surveyor
 P.W.D.
 Dated. 8-11-1920



24

27

33

26

38

25

3

37

30

36

BARINGO

Ol. Arabel

LAIKIPIA

Lake Hemmingan

Lake Sabana

FOREST

RESERVE

FOREST

RESERVE

FOREST

RESERVE

FOREST

RESERVE

FOREST

RESERVE

BATTIMBA

Malow

3.6715'

0°15'

0°30'

0°15'

0°00'

0°15'

0°30'