

enc  
90.  
Sasi  
res  
his  
east  
ep  
ran  
e l  
he  
brit  
ses  
ossi

*My society judges good Lords of  
Society to sign for joint go Lord  
Bishop of Winchester my  
in my first letter to the Dean  
after that time Minister  
freed, and need not be  
made important of personal judgement  
Egypt, the question would  
niously. His re  
he forwarded  
Rough Notes to  
e System of L  
rough not  
of  
their control over  
oil to deal  
at  
his direction  
December 17th  
officials*

# PUBLIC RECORD OFFICE

*at Cairo and  
aim consisted  
be elected from  
nated in various  
ated by the Eg  
nality was to be  
vide for the rey  
ected represent  
As app  
ifficult  
andi  
the Board of  
and considering  
and foreign travel  
and annotation not beyond  
net dms et festa vici vithis  
turo  
omer wr  
qualified opti  
1900, but ab  
= culation which finis*

*the direction  
was  
of  
him  
at n  
of  
the  
of  
the  
of  
of  
of  
of  
of*

PUBLIC RECORD OFFICE

CONT INUED FROM PREVIOUS FILM

PUBLIC RECORD OFFICE

C0533/312

ORDER NO.           ⇒ 777  
CAMERA NO.         ⇒ 19  
OPERATOR.           ⇒ ZY  
REDUCTION.         ⇒ 12  
EMULSION NO.       ⇒ 311081  
DATE.                ⇒ 5/7/71

CROWN COPYRIGHT

THESE COPIES ARE SUPPLIED FOR INFORMATION  
AND RESEARCH ONLY—NO REPRODUCTION MAY BE  
MADE FOR PUBLICATION WITHOUT THE ASSENT OF

# PUBLIC RECORD OFFICE

THE PAGES IN THIS VOLUME ARE TOO  
TIGHTLY BOUND FOR ALL WORDS TO BE  
REPRODUCED IN ENTIRETY

50  
UGANDA RAILWAY

SOLAI BRANCH

APPENDICES

NEBRASKA RAILWAY

WOLLA BRANCH

1.22 MILES.

SEE APPENDIX  
FOR DETAILS.

APPENDIX "A"

NAME	AMOUNT EXPENDED TO DATE DOL. CTS.	AMOUNT REQUIRED TO COMPLETE SURVEYS & PLANS DOL. CTS.	TOTAL DOL. CTS.	RATE PER MILE DOL. CTS.
Survey Expenses	500.00	5000.00	5500.00	177.00
at.	1230.00	3300.00	4530.00	148.00
Establishment.	6273.00	10000.00	16273.00	830.00
Contingencies.	-	1302.00	1302.00	48.00
	<u>7993.00</u>	<u>19602.00</u>	<u>27597.00</u>	<u>302.00</u>
File	2535.1	2564.6	21379.7	
File	2 12.8	2 32.2		248.

UGANDA RAILWAY.

503

SOLAR BRANCH.Main Span:  
Length 20.12 Miles.APPENDIX "B".IV. BRIDGEWORK.(B) MINOR BRIDGES UNDER 40' TO 4' SPAN.

DESCRIPTION OF WORK.	NAME SERIAL NO. MILEAGE			BONGAI RIVER.	
	NEAREST-HEAD OF RIVER TO FORMATION.			13. CFT.	8. CFT.
	DEPTH OF FOUNDS			20" Gender	
	REMARKS.			25000.	
	RATE	UNIT	QUANTITY	AMOUNT.	
	AND.			SE.	
<u>EXCAVATION</u> (Earth)	30/-	1000 C.FT.	2000.	60/-	
" (Soft rock)	50/-	" "	1000	50/-	
<u>CONCRETE</u> .	2/-	C.FT.	8000	10000/-	
<u>STEELWORK</u> Complete.	600/-	Ton.	3.68	2208/-	
<u>BRIDGE SLEEPERS</u> .	17/-	Each	15.	255/-	
<u>SLEEPER Bolts</u> .	1/-	"	60.	60/-	
" Plates.	1/-	"	30.	30/-	
<u>ESTABLISHMENT</u> .	-	Lump sum	-	400/-	
				13063/-	
<u>CONTINGENCIES</u> .	5%			653/-	
			Total	13716/-	

UGANDA RAILWAY.SOLAI BRANCH.Main Gauge.  
Length 22.55 Miles.APPENDIX (B) CONTD.IV. BRIDGEWORK.(B) MINOR BRIDGES UNDER 40' to 6' SPAN.

<u>RONGAI RIVER.</u>		<u>RONGAI RIVER</u>		<u>OLABONATE RIVER.</u>	
9.5 Miles 13.0 Ft. 6.0 "		10.5 Miles 13.0 Ft. 6.0 "		17.5 Miles 13.0 Ft. 6.0 "	
20' Girder Bridge		20' Girder Bridge		20' Girder Bridge.	
<u>QUANTITY</u>	<u>AMOUNT SHS.</u>	<u>QUANTITY</u>	<u>AMOUNT SHS.</u>	<u>QUANTITY</u>	<u>AMOUNT. SHS.</u>
2000.	60/-	2000.	60/-	2000	60/-
1000	50/-	1000	50/-	1000	50/-
5000	10000/-	5000	10000/-	5000	10000/-
3.68	2208/-	3.68	2208/-	3.68	2208/-
15.	255/-	15.	255/-	15.	255/-
60.	60/-	60.	60/-	60.	60/-
30.	30/-	30.	30/-	30.	30/-
Lump sum	400/-	Lump sum	400/-	Lump sum	400/-
	13063/-		13063/-		13063/-
	653/-		653/-		653/-
<b>Total</b>	<b><u>13716/-</u></b>		<b><u>13716/-</u></b>		<b><u>13716/-</u></b>



UGANDA RAILWAY.

504

SOLAI BRANCH.

Main Gauge.  
Length 20.56 Miles.

APPENDIX (B) CONTD.

IV. BRIDGEWORK.

(B) MINOR BRIDGES UNDER 40' to 6' SPAN.

<u>ROMGAI RIVER.</u>		<u>ROMGAI RIVER</u>		<u>OLABONATE RIVER.</u>	
9.5 Miles 13.0 Ft. 6.0 "		10.5 Miles 13.0 Ft. 6.0 "		17.5 Miles 13.0 Ft. 6.0 "	
20' Girder Bridge		20' Girder Bridge		20' Girder Bridge.	
<u>QUANTITY</u>	<u>AMOUNT SHS.</u>	<u>QUANTITY</u>	<u>AMOUNT SHS.</u>	<u>QUANTITY</u>	<u>AMOUNT. SHS.</u>
2000.	60/-	2000.	60/-	2000	60/-
1000	50/-	1000	50/-	1000	50/-
5000	10000/-	5000	10000/-	5000	10000/-
3.68	2208/-	3.68	2208/-	3.68	2208/-
15.	255/-	15.	255/-	15.	255/-
60.	60/-	60.	60/-	60.	60/-
30.	30/-	30.	30/-	30.	30/-
Lump sum	400/-	Lump sum	400/-	Lump sum	400/-
	<u>13063/-</u>		<u>13063/-</u>		<u>13063/-</u>
	<u>655/-</u>		<u>653/-</u>		<u>653/-</u>
<b>Total</b>	<b><u><u>13718/-</u></u></b>		<b><u><u>13716/-</u></u></b>		<b><u><u>13716/-</u></u></b>

UGANDA RAILWAY.

505

SOHAL BRANCH.Metre Gauge  
Length 20.48 Miles.APPENDIX (B) CONTD.IV. BRIDGEWORK.(B) MINOR BRIDGES UNDER 40' TO 6' SPAN.

- Mile 20. 8.0 Ft. 5.0 "		- Mile 30. 8.0 Ft. 5.0 "		- Mile 5. 15.0 Ft. 6.0 "	
12' Girder Bridge.		12' Girder Bridge		6' Arch Culvert.	
QUANTITY.	AMOUNT. SHS.	QUANTITY.	AMOUNT. SHS.	QUANTITY.	AMOUNT. SHS.
2000.	60/-	2000.	60/-	1750.	53/-
750.	33/-	750.	38/-	750.	28/-
4000.	8000/-	4000.	8000/-	4000.	3000/-
1.88	1128/-	1.88	1128/-	-	-
9.	153/-	9.	153/-	-	-
36.	36/-	36.	36/-	-	-
18.	18/-	18.	18/-	-	-
Lump sum	200/-	Lump sum	200/-	Lump sum	200/-
	9633/-		9633/-		8291/-
	481/-		481/-		414/-
<b>Total</b>	<b>10114/-</b>		<b>10114/-</b>		<b>8705/-</b>

UGANDA RAILWAY.

SOLAI BRANCH.

Metre Gauge  
Length 30.66 Miles.

APPENDIX (B) CONTD.

IV. BRIDGEWORK.

(B) MINOR BRIDGES UNDER 40' TO 6' SPAN.

ITEM NO.

MILE 25.  
13.0 Ft.  
4.0 "  
6' Arch Culvert.

QUANTITY.

AMOUNT.  
RS.

1.

1750.

53/.

2.

750.

38/.

3.

4000.

8000/.

4.

-

-

5.

-

-

6.

-

-

7.

-

-

8.

Lump sum.

200/.

9.

5291/.

414/.

Total.

5705/.

NEBRASKA RAILWAY

COLLAR BRANCH

NOTE: CROSSING  
Length 28.00 Miles.

APPENDIX "C"

Y. FERRIS, LEVEL CROSSINGS ETC.

DETAILS OF COST.

DESCRIPTION.	NO.	RATE DOLLARS AND CENTS	AMOUNT. DOLLARS AND CENTS
<u>LEVEL CROSSINGS - AND CLEAR.</u>			
Tie Boards.	2.	95.00 each	190.00
Board Rails			57.00
1. Blocks with nuts.	6.	2.10 "	12.60
Landing Rails,			
Laying and erecting.			30.40
			<u>290.00</u>

USCARA RAILWAY

SOLOAI BRANCH

Length 21.15 Miles

APPENDIX C.

VI Electric Telegraph

Cost per Mile

<u>DESCRIPTION</u>	<u>AMOUNT</u> <u>Shs. Sts.</u>
Poles	}
Arms.	
Insulators.	
Bolts.	
Stay wires.	
One wire. (one mile)	402.00
Ocean freight, Insurance Handling & Shipping Charges.	20.00
Railway freight on Stores & poles.	15.00
Tools for erecting	12.00
Distribution Charges.	50.00
Labour. Subsistence Charges.	293.00
Add 25% to allow for overcoming difficulties in connection probable hard digging & extra staying also wet weather.	200.00
	1000.00
Cost per Mile = 47.50.	

HEANDA RAILWAY.  
COLAI BRANCH.

Bill of Materials  
 for the above

APPENDIX "D" CONTINUED.

VI. Electric Telegraph.

DESCRIPTION.	QUANTITY	RATE	UNIT	AMOUNT.
<u>TERMINAL STATION.</u>				
Instruments	1	250/-	each	250/-
Leading in wire	1 coil	12/-	1 coil	12/-
Bells	25	2/3	each	52/-
Condenser	1	2/-	each	2/-
Test Instrument	1	2112/10/-	each	2250/-
Plates	24	8/-	each	192/-
Plates Absolute	10	16/-	each	160/-
Plates Permissive	8	10/-	each	80/-
Plates Letters.				
Plates having 6 letters				
Plates	24	1/-	each	24/-
Labour installing		L S.		50/-
Freight Insurance				
Material.		Included in the above.		
Freight				100/-
Contingencies				92/-
				<u>3300/3</u>
				<u>3300/3</u>

INDIA RAILWAY  
LOCAL RATES

LOCAL RATES  
FOR THE YEAR 1911-12

APPENDIX 2<sup>nd</sup> CONTINUED.

VI. Electric Telegraph.

DESCRIPTION.	QUANTITY	RATE	UNIT	AMOUNT.
<u>TERMINAL STATION.</u>				
struments	1	250/-	each	250/-
ing in wire	1/2 coil	12/-	1/2 coil	12/-
s	25	3/8	each	35/-
lenser	1	5/-	each	5/-
et Instrument	1	2112/10/-	each	2250/-
ets	24	8/-	each	192/-
hes Absolute	10	16/-	each	160/-
" Permissive	5	16/-	each	80/-
ets, Letters.				
aving 6 letters				
tablet	24	1/-	each	24/-
ur Installing		L 5.		50/-
a Freight Insurance				
aterial.		Included in the above.		
ay Freight				100/-
				92/-
				<hr/>
			<u>Total cost.</u>	3300/3
				<hr/>

222.

SCANDA RAILWAY.  
SCANDIA BRANCH

510

Mater. Supp.  
Lent. S. S. S. S.

APPENDIX "D" CONTINUED.VI. Electric Telegraph.

DESCRIPTION	QUANTITY	RATE	UNIT	AMOUNT.
<u>IMMEDIATE STATIONS</u>				
instruments	2	150/-	each	300/-
Wiring in Wire	1/2 coil	12/-	1/2 coil	12/-
	50	3/6	each	170/-
Insur.	1	5/-	each	5/-
Electric Instruments	2	2112/10/-	each	4500/-
Wires	48	8/-	each	384/-
Wires. Absolute	20	16/-	each	320/-
Wires. Permissive	10	18/-	each	180/-
Printing letters on				
plates	48	1/-	each	48/-
Cost of Installing		L.S.		100/-
Carriage Freight.				200/-
				101/-
Contingencies.				101/-
				<hr/>
				6350/-
				<hr/>

£317.10



UGANDA RAILWAY.

511

SOLAI BRANCH.

Metre Gauge.  
Length 30.66 Miles

APPENDIX "E".

VII. BALLAST & PERMANENT WAY.

(A) DETAILS OF COST & WEIGHT OF 1 MILE 50 LB. RAILS.  
R.S. SECTION WITH STEEL SLEEPERS.

	UNIT.	QUAN- TITY.	WEIGHT TONS.	RATE.	AMOUNT.	TOTAL AMT. SHS.CTS.
Permanent Way Material from Uganda Railway Main Line.	Per Mile.					16000.00.
Weight 427 lbs @/04 per ton, per mile.	" "		154.11.	/04.		2630.00.
Carriage & Loading per ton per mile.	" "		154.11.	4/00.		617.00.
Labour, laying, packing, pack- ing & boxing, including 1st. and 2nd. left.	" "			£100/.		<u>2000.00.</u>
				Total		<u>20247.00.</u>
				Say		20400.00
						£1020/-

UGANDA RAILWAY.

44

512

SOLAIBRANCH.

Metre Gauge.  
Length 30.65 Miles.

APPENDIX (2) CONTD.

VII. BALLAST & PERMANENT WAY.

ITEM.	UNIT.	QUAN- TITY.	WEIGHT.	RATE. PER.	AMOUNT.	TOTAL AMT SHS.CTS.
<u>1-CROSSING</u> <u>COMPLETE.</u>						
Cost of 1-8 <sup>th</sup> crossing in England	NO.	1.		300.00.		300.00.
9"Ø Switch Lever Box, complete.	"	1.		500.00.		500.00.
Bearing Plates	"	46.		.19.		8.74.
Dog Spikes.	"	248.		.09.		22.32.
Timber Sleepers.						400.00.
Ocean freight Insurance.						60.00.
Handlings Landing charges. etc. Rail- way freight.						20.00.
Distribution.						50.00.
Stores Handling Charges 2 1/2%						30.00.
Labour, laying etc.						125.00.
Contingencies.						<u>83.04.</u>
Total cost each, compl- etc.						<u>1600.00.</u>
						80/-.

AKM.

UGANDA RAILWAY.

44

512

SOLAI BRANCH.Metre Gauge.  
Length 30.66 Miles.APPENDIX (2) CONTD.VII. BALLAST & PERMANENT WAY.

ITEM.	UNIT.	QUAN- TITY.	WEIGHT.	RATE. PER TON.	AMOUNT.	TOTAL AMT SHS.CTS.
<u>1-2 CROSSING COMPLETE.</u>						
Cost of 1-2 crossing in England	NO.	1.		300.00.		300.00.
9'0" Switch Lever Box, complete.	"	1.		500.00.		500.00.
Bearing Plates	"	46.		.19.		8.74.
Dog Spikes.	"	248.		.09.		22.32.
Timber Sleepers.						400.00.
Ocean freight Insurance.						60.00.
Handling Landing charg- es. etc. Rail- way freight.						20.00.
Distribution.						50.00.
Stores Handling Charges 2%						30.00.
Labour, laying etc.						125.00.
Contingencies.						85.94.
Total cost each, compl- etc.						<u>1600.00.</u> 280/-.

BOLAI BRANCH.

513

Metre Gauge.  
Length 30.66 Miles.APPENDIX (E) CONTD.VII. BALLAST & PERMANENT WAY.

ITEM.	UNIT.	QUAN- TITY.	WEIGHT.	RATE.	AMOUNT	TOTAL
				SHE. CTS.		AMOUNT.
						SHE. CTS.
<u>1-12 CROSSING.</u>						
Cost of 1-12 Crossing in England.	NO.	1.		320.00.		320.00.
12" Switch Lever Box, complete.	"	1.		560.00.		560.00.
Bearing Plates.	"	66.		.19.		12.54.
Dog Spikes.	"	312.		.09.		28.08.
Timber Sleepers.						480.00.
Ocean Freight Insur- ance, handling & landing charges.						70.00.
Railway Freight.						25.00.
Distribution.						55.00.
Stores handling Charges 5%.						35.00.
Labour, laying etc.						150.00.
Contingencies.						<u>74.36.</u>
						<u>1800.00.</u>
Total cost each, complete.						£90/-.

UGANDA RAILWAY.

45

SOLAI BRANCH.

513

Metre Gauge.  
Length 30.45 Miles.APPENDIX (E) CONTD.Vol. BALLAST & PERMANENT WAY.

ITEM.	UNIT.	QUAN- TITY.	WEIGHT.	RATE. SHS. CTS.	AMOUNT	TOTAL AMOUNT. SHS. CTS.
<u>1-12 CROSSING.</u>						
Cost of 1-12 Crossing in England.	EG.	1.		320.00.		320.00.
12" 0" Switch Lever Box, complete.	"	1.		550.00.		550.00.
Clearing Plates.	"	66.		.19.		12.54.
Dog Spikes.	"	312.		.09.		28.08.
Timber Sleepers.						480.00.
Ocean Freight Insur- ance, handling & landing charges.						70.00.
Railway Freight.						25.00.
Distribution.						25.00.
Stores handling charges 25%.						35.00.
Labour, laying etc.						150.00.
Contingencies.						<u>74.38.</u>
						<u>1500.00.</u>
Total cost each, complete.						£90/-.
MEM.						

UGANDA RAILWAY.

46

SOLOI BRANCH.

514

Metre Gauge.  
Length 20.60 miles.APPENDIX (F).VIII. STATION & BUILDINGS.(A) STATIONS & OFFICES.

DESCRIPTION.	TOTAL COST SHE. CTS
<u>STATION BUILDING 3RD. CLASS.</u>	
Size. 35'7" x 20'0" Wood & Iron Station with 7'0" Verandah = 712 S.ft. floor area @ 10.25 per S.ft.	7298.00.
Allow for extra freight & contingencies.	<u>202.00.</u>
Total Cost.	<u>7500.00.</u>
<u>PLATFORM LATRINES (NATIVE) 4 UNITS.</u>	
Size. 14'9" x 6'0" Wood & Iron = 88.6 S.ft. over plinth, = 90 x 10.73 @ 10.73 " " "	966.00.
Allow for extra freight & Contingencies.	<u>24.00.</u>
Total Cost.	<u>1000.00.</u>
<u>FOUNDERED WOOD &amp; IRON ON CONCRETE FOUNDATIONS WITH PLATFORM &amp; RAMPS.</u>	
Size. 20x40' = 800 S.ft. @ 11.5 " " "	9200.00.
<u>Platform &amp; Ramps.</u>	
776 C.ft. Concrete. 85 " " Stone coping Extra Labour.	776.00. 85.00. <u>159.00.</u>
Total Cost.	<u>10009.00.</u>

USANDA RAILWAY.

46

ROLAI BRANCH.

514

Metre Gauge.  
Length 20.00 Miles.APPENDIX (F).VIII. STATION & BUILDINGS.(I) STATIONS & OFFICES.

DESCRIPTION.	TOTAL COST RHS. CTS.
<u>STATION BUILDING 3RD. CLASS.</u>	
Size. 38'7" x 20'0" Wood & Iron Station with 7'0" Verandah = 712 S.ft. floor area @ 10.25 per S.ft.	7298.00.
Allow for extra freight & contingencies.	<u>202.00.</u>
Total Cost.	<u>7500.00.</u>
<u>PLATFORM LATRINES (MAKIVE) 4 UNIT.</u>	
Size. 14'9" x 6'0" Wood & Iron = 89.5 S.ft. over plinth, @ 10.73 " " "	966.00.
Allow for extra freight & Contingencies.	<u>54.00.</u>
Total Cost.	<u>1000.00.</u>
<u>BOARDSHED WOOD &amp; IRON ON CONCRETE FOUNDATION WITH PLATFORM &amp; RAMP.</u>	
Size. 20x40' = 800 S.ft. @ 11.5 " " "	9200.00.
<u>Platform &amp; Road.</u>	
776 C.ft. Concrete. 85 " " Stone coping Extra Labour.	776.00. 85.00. <u>139.00.</u>
Total Cost.	<u>10000.00.</u>

UGANDA RAILWAY.SOLAI BRANCH.

47

515

Metre Gauge.  
Length 30.66 MilesAPPENDIX (F) CONTS.VIII. STATIONS & BUILDINGS.(A) STATIONS & OFFICES.

DESCRIPTION.	TOTAL COST. SHS. CTG.
<u>EUROPEAN WAITING ROOM. - CONTAINS TWO ROOMS WITH TWO LAVATOIRS ATTACHED TWO ONE WAY LATTICES.</u>	
Floor area, 430 S.ft.	@ 10.92 per S.ft.
Two - one Unit Latrines.	490.36.
Contingencies etc.	<u>114.04.</u>
	<u>5300.00.</u>



UGANDA RAILWAY.

47

ROLAI BRANCH.

515

Metre Gauge.  
Length 30.66 MilesAPPENDIX (V) CONTD.VIII. STATIONS & BUILDINGS.(A) STATIONS & OFFICES.

DESCRIPTION.	TOTAL COST. SHS.CTS.
<u>EUROPEAN WAITING ROOM, CONTAINING TWO ROOMS</u> <u>WITH TWO BATHROOM ATTACHED</u> <u>TO ONE OF THE ROOMS.</u>	
Floor area. 450 S.ft.                      @ 10.92 per S.ft.	4696.60.
Two - one Unit Latrines.	490.36.
Contingencies etc.	<u>114.04.</u>
	<u>5300.00.</u>

USARA RAILWAY.

48

SOLAI BRANCH.

516

Metre Gauge.  
Length 20.66 Miles.APPENDIX "C".VILL. STATIONS & BUILDINGS.(C) STAFF QUARTERS.

NAME OF STATION.	QUARTERS.	GRADE.	NO	TOTAL COST. SHS. CT.
Intermediate Stations.	<u>TRAFFIC.</u>			
	Stationmaster.	Asiatic.	1.	9500.00.
	Signaller.	African.	1.	3400.00.
	Pointsmen.	"	2.	1600.00.
	Sweeper.	"	1.	800.00.
	<u>ENGINEERING.</u>			
	S.P.W.I.	African.	1.	3400.00.
	Trolley House.	"	4.	3200.00.
	<u>GENERAL.</u>			
	4- Unit Native Latrines.			1000.00.
	Water supply (4 Tanks)			700.00.
	Roads.			-
	Fencing.			-
	Furniture for Stationmaster	Asiatic.		-
	Furniture for Signaller.	African.		-
<u>FURNITURE.</u>				
Contingencies. 5%			<u>1180.00.</u>	
	Total Cost.		<u>24780.00.</u>	

UGANDA RAILWAY.

SOLAI BRANCH.

517

Metre Gauge.  
Length 30.98 miles.

APPENDIX (C) CONTD.

VIII. STATIONS & BUILDINGS.

(C) STAFF QUARTERS.

NAME OF STATION.	QUARTERS.	GRADE.	NO.	TOTAL COST. SHS.CTS.
Lake Solai.	<u>TRAFFIC.</u>			
	Stationmaster.	Asiatic.	1.	9500.00.
	Ass. " or Sig- naller.	African.	1.	3400.00.
	Station Menials.	"	4.	3200.00.
	Sweeper.	"	1.	800.00.
	<u>LOCO.</u>			
	Drivers' Running room & Kitchen.		1.	6500.00.
	Fireman ditto.		1.	
	Menials (for fuel {Quarter & } )	"	4.	3200.00.
	<u>GENERAL.</u>			
	Latrines for Staff (2 Unit).	Asiatic.	1.	500.00.
	Latrines " " " (2 Unit).	African.	1.	500.00.
	Native Latrine (4 Unit).		1.	1000.00.
	Water Supply (5 Tanks).			875.00.
	Roads.			-
	Fencing.			-
	Contingencies.			1069.00.
			<u>33144.00.</u>	

SCANDIA RAILWAY.SOLAI BRANCH.50  
518Metre Gauge.  
Length 20.86 Miles.APPENDIX (G) CONTD.VII. STATIONS & BUILDINGS.(G) STAFF QUARTERS.

NAME OF STATION.	QUARTERS.	GRADE.	NO.	TOTAL COST. SHS. CTS.
	<u>ENGINE RING.</u> Permanent Way gang carts (4 Unit) (Each SHS. 3200.00)  Contingencies 25%.		8.	25600.00.  <u>1280.00.</u>  <u>26880.00.</u>

UGANDA RAILWAY.

519

BOLAI BRANCH.Metre Gauge.  
Length 30.56 miles.APPENDIX (G) CONTD.VIII. STATIONS & BUILDINGS.(C) STAFF QUARTERS.

DESCRIPTION OF QUARTERS.	GRADE.	TOTAL COST. SHS.CTS.
<u>Stationmaster.</u> wood & iron building with kitchen, bathroom & B.C. in enclosed yard. size of house. 31'0" x 25'0" - 775 S.ft. " " kitchen 8'6" x 7'0" - 59.6 " " " bath- room 22.8'6" x 6'0" - 51.0 " C. Total area <u>886 S.ft.</u> 886 S.ft. @ 10.00 per S.ft. Extra freight & contingencies. Total Cost.	Asiatic.	9300.00. <u>200.00.</u> <u>9500.00.</u>
<u>S.P.W.I'S House.</u> wood & iron building with kitchen, & B.C. in enclosed yard. size of house. 19'0" x 13'0" - 247.0 S.ft. " " kitchen 6'6" x 6'6" - 42.0 " " " B.C. 3'6" x 6'0" - 21.0 " Total area. <u>310.0 S.ft.</u> 310 S.ft. @ 10.00 per S.ft. Extra freight & contingencies. Total Cost.	African.	3235.00. <u>145.00.</u> <u>3400.00.</u>
<u>Signaller.</u> Similar to S.P.W.I'S House.	African.	<u>3400.00.</u>

UGANDA RAILWAYSOLAI BRANCHAPPENDIX (C) CONTINUED.Metre Gauge  
Length 30.66.  
MilesVILL. STATIONS & BUILDINGS.(C) STAFF QUARTERS.DESCRIPTION OF QUARTERS.TOTAL COST  
SHGS. CTSDrivers & Firemens Running Rooms.Two rooms with bathrooms, front and back verandahs.  
Wood and iron buildings with two kitchens.

Area of main building.....	432 Sft		
" " Verandah.....	288 "		
" " Kitchen.....	200 "		
	<u>920 "</u>		
Cost of main building.....	432 " at 10.50.....		4536. 00
" " Verandah.....	288 " " 9.00.....		2592. 00
" " Kitchens.....	200 " " 7.00.....		1400. 00
Contingencies.....			72. 00
		TOTAL COST...	<u>8600. 00</u>

UGANDA RAILWAY.Page 53  
521SOLOI BRANCH.Metre Gauge.  
Length 20.66 MilesAPPENDIX (G) CONTD.VI. STATIONS & BUILDINGS.(C) STAFF QUARTERS.

DESCRIPTION OF QUARTERS.	GRADE	TOTAL COST. SHS. CTS.
<u>MEMIALS QUARTERS.</u>		
<u>POWERX.</u>		
One Unit concrete block Landis with kitchen & fireplace.		
Area of floor 12'6" x 9'0" = 112.6 S.Ft.		
" "Verandah 12'6" x 4'0" = 50.0 " "		
Total. <u>162.6 S.Ft.</u>		
162 S.Ft. @ 4.50 per S. Ft.		729.00.
Contingencies.		<u>71.00.</u>
Total Cost.		<u>800.00.</u>
<u>Painting.</u>	African.	
Two Unit Landis @ 800.00 per unit. Total.		<u>1600.00.</u>
<u>Station Memials.</u>	"	
Four Unit Landis @ 800.00. " " Total.		<u>3200.00.</u>
<u>Memials for Fuel &amp; Water (6).</u>	"	
Four Unit Landis @ 800.00. per unit Total.		<u>3200.00.</u>
<u>R.M.W.I.'s Trolley Boys.</u>	"	
Four Unit Landis @ 800.00 " " Total.		<u>3200.00.</u>
<u>P.W. Gang Huts (4- Unit).</u>		
4x6 Landis @ 300.00. each.		1200.00.
Contingencies 5%		<u>120.00.</u>
Total.		8600.00.

UGANDA RAILWAY.

532

SOLAI BRANCH.Metre Gauge.  
Length 30.45 MileAPPENDIX (G) CONTD.VIII. STATIONS & BUILDINGS.(D) STATION MACHINERY.COST OF WATER SUPPLY TO STATIONS.

NAME OF STATION.	COST. SHS.CTS.
<u>LAKE SOLAI.</u>	
Gravity supply from Lake Solai, 3000' of 3" galvanised iron pipe, per ft. 3/25.	9750.00
Laying & Transport " " .10	30.00
Headworks at Intake	2000.00
	<u>11780.00</u>
Total Cost	2559/-.



UGANDA RAILWAY.BOGOT BRANCH.

523

Maly Camp.  
Length 20.85 Miles.APPENDIX (H).IX. PLANT.

ITEMS	QTY.	RATE SHS.CTS.	UNIT	AMOUNT. SHS.CTS.
<u>ENGINEERING.</u>				
Gang Tools.	8.	840.00	Set	6720.00
Trellies.	1.	1000.00	Each	1000.00
Instruments.	-	-	-	-
S.P.W.I'S Tools etc.	1.	-	Lumpsum	<u>800.00</u>
			Total	<u>8520.00</u>
			per Mile	<u>127.09</u>
<u>CONSTRUCTION.</u>				
Plate laying Tools.	31.	100.00	Mile.	3100.00
General "	31.	100.00	"	<u>3100.00</u>
			Total	<u>6200.00</u>
			per mile	<u>200.00</u>
<u>LOCOMOTIVE.</u>				
Workshop Tools.	31.	50.00	Mile	1550.00
			Rate per mile	<u>50.00</u>
<u>CARRIAGE &amp; WAGON.</u>				
	31.	50.00	Mile	1550.00
			Rate per Mile	<u>50.00</u>
<u>STATION &amp; OFFICE FURNITURE.</u>				
Standard equipment for wayside Station & Goods Shed.	2.	6000.00	Each.	12000.00
			Rate per Mile	<u>391.40</u>
<u>STEAMERS &amp; BOATS.</u>				
	Nil.			
<u>ELECTRIC.</u>				

List of equipment for a third class way side station and approximate cost thereof.

521

## APPENDIX "M".

Name of articles.	No.	Approximate cost	Remarks.
		Shs. cts.	
Almirahs or Cupboards	2.	200.00	
Bags cash leather	6	48.00	
Balance spring 300 lbs.	1	85.00	
Bell station hand	1	20.00	
Belts peon or pointsman	2	16.00	
Benches platform	2	180.00	
Boards loading	1	21.00	
Boards notice	3	45.00	
Box message draft	1	10.00	
Boxes store & stationery	2	90.00	
Buckets G.I.	3	20.00	
Can watering G.I.	1	11.00	
Case small with glass door (for keys)	1	15.00	
Case rate list with glass door	1.	25.00	
Case ticket double	1	275.00	
Chain safety	1	10.00	
Chairs teakwood	3	75.00	
Clock office	1	200.00	
Covers weighing machine sine	2	30.00	
Dust bin G.I.	1	25.00	
Filter enamel	1	38.22	
Frames cheque notice	2	6.00	
Funnel oil	1	1.50	
Hammer	1	5.50	
Keys carriage	2	2.00	
Keys lamp	2	3.00	
Ladder lamp	1	25.00	
Lamp hand signal	4	25.00	

List of equipment for a third class way side station and approximate cost thereof.

521

## APPENDIX "H".

Name of articles.	No.	Approximate cost	Remarks.
		Shs. cts.	
Almirahs or Cupboards	2.	200.00	
Bags cash leather	6	48.00	
Balance spring 300 lbs.	1	85.00	
Bell station hand	1	20.00	
Belts peen or pointmen	2	16.00	
Benches platform	2	180.00	
Boards loading	1	21.00	
Boards notice	3	45.00	
Box message draft	1	10.00	
Boxes store & stationery	2	90.00	
Buckets G.I.	3	20.00	
Can watering G.I.	1	11.00	
Case small with glass door (for keys)	1	18.00	
Case rate list with glass door	1.	25.00	
Case ticket double	1	275.00	
Chain safety	1	10.00	
Chairs teakwood	3	75.00	
Clock office	1	200.00	
Covers weighing machine sine	2	30.00	
Dust bin G.I.	1	25.00	
Filter enamel	1	38.22	
Frames cheque notice	2	6.00	
Lamp oil	1	1.50	
Lamp	1	5.50	
Lays carriage	2	2.00	
Lays lamp	2	3.00	

Name of articles	No.	APPROXIMATE COST	REMARKS.
Lamps hurricane Dietz's	2	12.00	
Lamps pedestal	2	75.00	525
Locks brass	4	40.00	
Locks G.I.	20	191.00	
Machine weighing 10 cwt.	1	934.00	
Machine weighing 3000 lbs.	1	988.00	
Measure for ration G.I.	1	5.00	
Mortar pans	2	3.50	
Tipper ticket punching	1	5.50	
Tipper ticket children	1	5.50	
Tipper ticket cancelling	1	5.50	
Powrah	1	4.00	
Press dating tickets with ribbon (complete with type box)	1	99.64	
Pump oil	1	1.50	
Pump cattle	1	350.00	
Safe cash medium size	1	300.00	
Scissors	1	3.00	
Scrapers	2	4.00	
Seal brass station initial	1	12.00	
Shelves book	2	40.00	
Stamps brass cancelled	2	10.00	
Stamps brass station name	2	10.00	
Stand cash safe	1	15.00	
Stand filter	1	12.00	
Sticks lime clear	3	9.00	
Stool dealwood	1	5.00	
Tables of sorts	3	75.00	
Time piece	1	32.50	
Traps rat G.I.	4	22.50.	
Trucks warehouse luggage	2	75.00	
Trainers engine	2	2.50	
Whistles	3	9.00	



NAIROBI. 25th June, 1924.

**Confirmation Economic Survey proposed:  
Solai Railway.**

-----Co-----

I have personally inspected the area which would be immediately served by the Construction of the proposed Solai Railway and by consultation with long established farmers, Messrs. Dawson, Baillie and McCall, and one Farmers' Association in Subakia Valley, together with available statistical information am able to make the following conservative statement and to offer a suggestion for consideration.

The area served by the proposed line, at present in occupation by Europeans is approximately 230,000 acres of which 34,000 acres are under cultivation today, a further 34,000 acres should be developed with in four years of the completion of the Railway, so that as a minimum the Railway will carry a large proportion of the output of some 70,000 acres of arable land. This land is good and produces nearly a ton of maize per acre in normal seasons. On today's figures the actual tonnage which would be carried outwards by the branch line, would, I estimate, be 25,000 tons. That tonnage may be considered to be composed of -

	14000	200	250	
Maize	200ths.	Wheat	20ths.	Coffee
	25000		25000	25000
Livestock & Livestock products	16ths.	Miscellaneous	4ths.	
	25000		25000	25000

Alterations in the proportion are to be looked for. Sisal will no doubt be grown. There is one large block of land now about to be developed as a Sisal plantation. Flax should come in to some small extent. Livestock in increasing quantity, particularly pigs, and there should be developments in Coffee and Wheat. Dairy farming is developing slowly and will assume significance. An Essential Oil producing industry is fore-shadowed. Cotton too could be grown extensively. For some time to come, in fact almost always, maize traffic will preponderate.

**Population.** The number of European holdings occupies today is 90 representing and European population of some 270 souls. The working native population employed in the area today is some 8,000 which figure shows a heavily increasing tendency.

The tendency is to decrease the size of holdings by sub-division of the larger farms, so that an increase in European and Native population can be looked for.

The Solai line should attract traffic from the Kamasia and Njemp and if a road is made through the Marmoret escarpment. ( I am assured there is a feasible route near Boyce's farm), the contributions from the Arabel River farms will help the line, in fact the area Kamuruti Thompson's Falls may be expected to contribute to traffic on the line.

It is for the reason that the valley is the native  
 source of the Subukia Valley and the main line of  
 traffic is down the valley. It is for this reason  
 that a road will be reconstructed through the Harriet  
 Reservoir near the town of F.S. Joyce, No. 27. Without this  
 additional 12 - 14 miles of rail being built traffic will  
 commence to flow from the Subukia Valley and from the  
 Thompson's Falls direction. The configuration of the country  
 being such that the natural direction of movement of produce  
 is down the Subukia Valley and round to Lake Selk.

**Notes.** The people served by this line expect to pay  
 branch line rates in addition to main line rates, the branch  
 line rates being graded according to distance. I would observe  
 that the rate for the first seven miles would be low enough to  
 attract traffic which otherwise will be transported direct to  
 the main line. I trust also that sidings will be sufficiently  
 numerous to result in a real saving of transport.

ED/- E. HARRISON.

AG: DIRECTOR OF AGRICULTURE.

COFF/MAM.

UGANDA RAILWAY

---

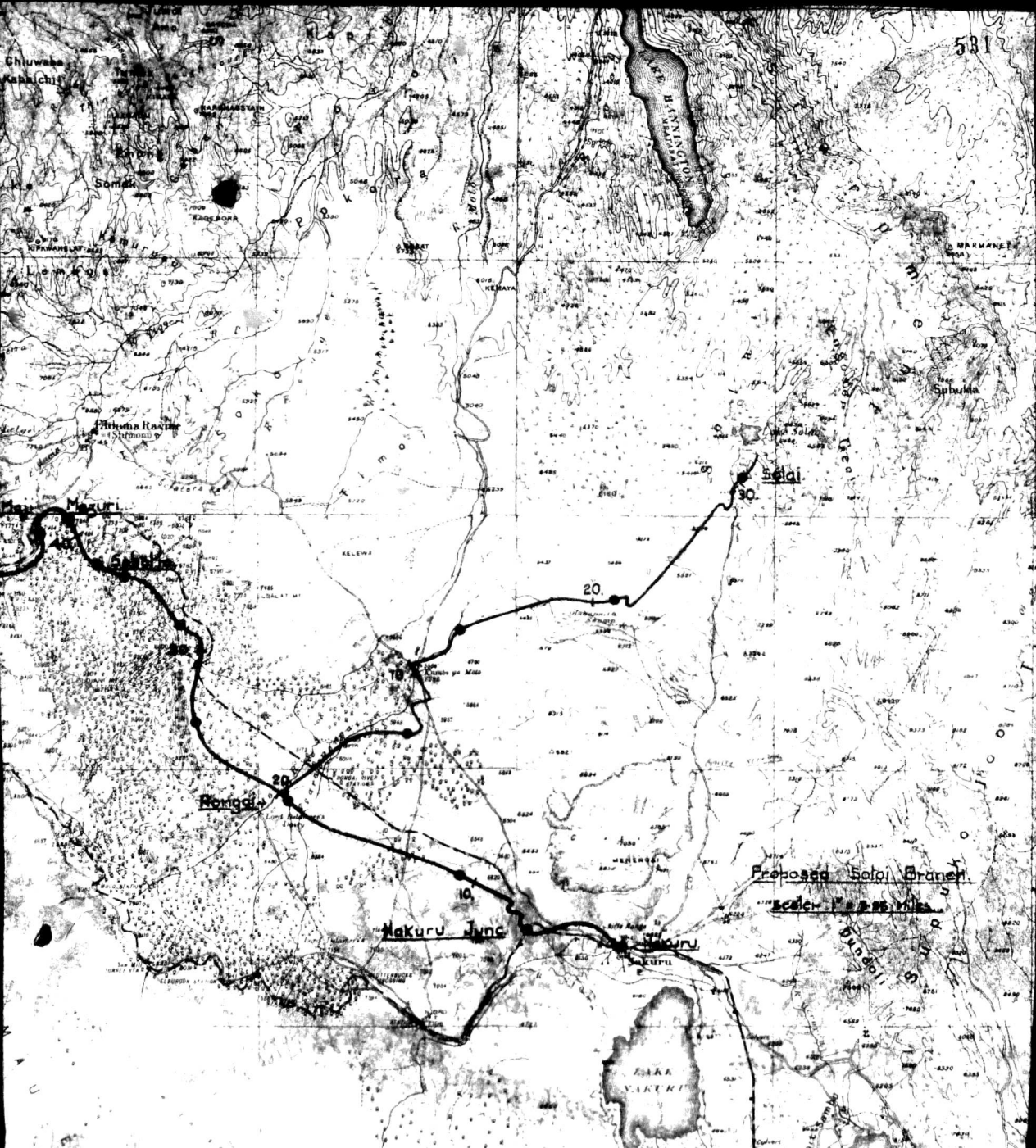
•  
SOLAI BRANCH

---

PLANS

---





Churuwe  
Kapsich

Somas

Chimna Rasim  
(Submountain)

Mazuri

Sabula

T. 22

Rongai

Nakuru Junc

KELEWA

10

20

10

20

Soloi

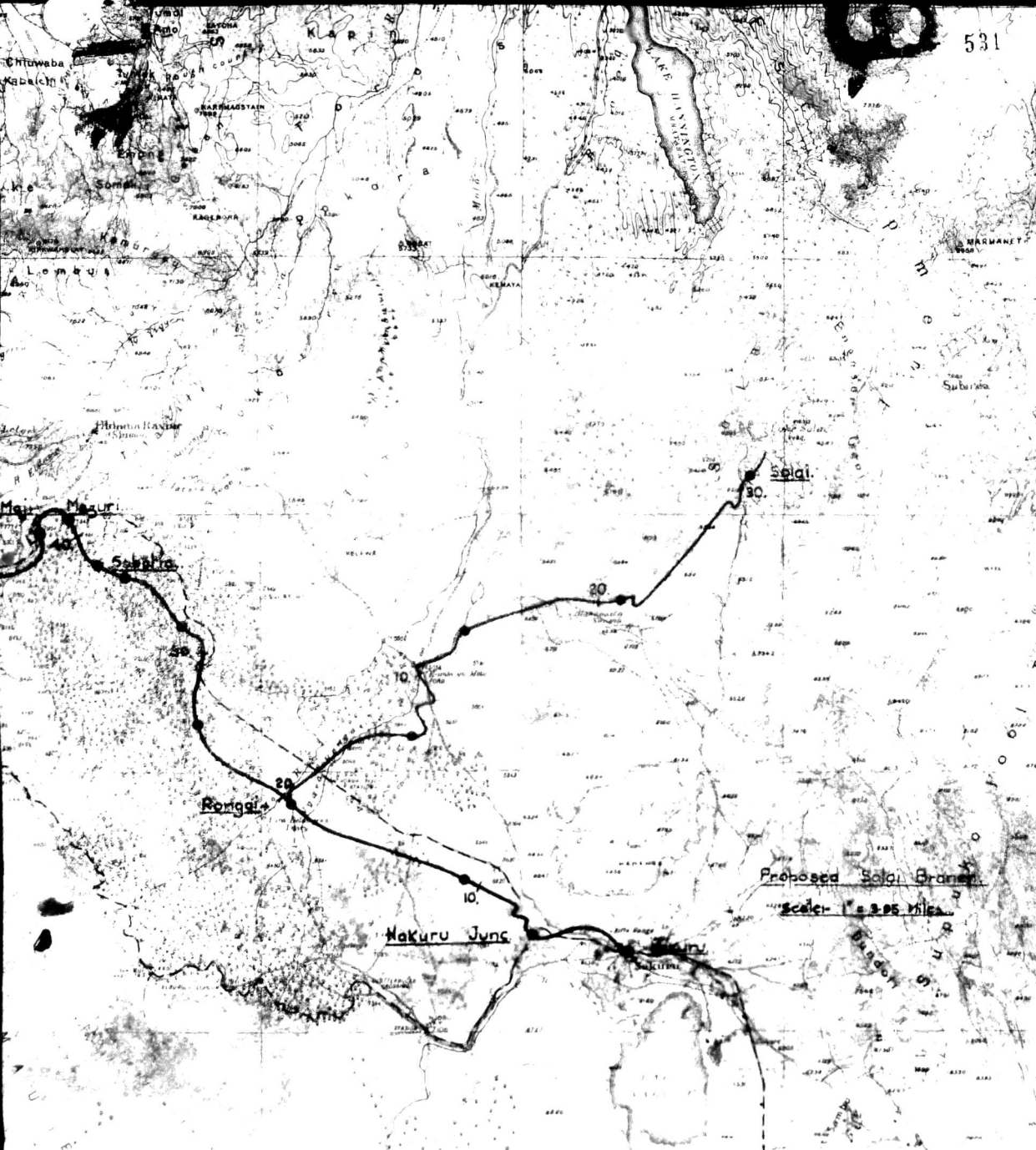
Proposed Soloi Branch

Scale 1:250,000

Nakuru

NAKURU LAKE

100 Miles



Proposed Solai Branch

Scale: 1" = 3.95 Miles

---

**NAKURL**

Sheet Sou

---

SCALE 1

UGANDA RAILWAY  
RONGAI - SOLAI BRANCH.  
INDEX SECTION.

Scales

Horizontal = 1/62500, or 1 to 98 M.

Vertical = 1 inch to 200.

Rongai River  
1: 500

Rongai River  
1: 500

Diabonah  
on 50

# UGANDA RAILWAY

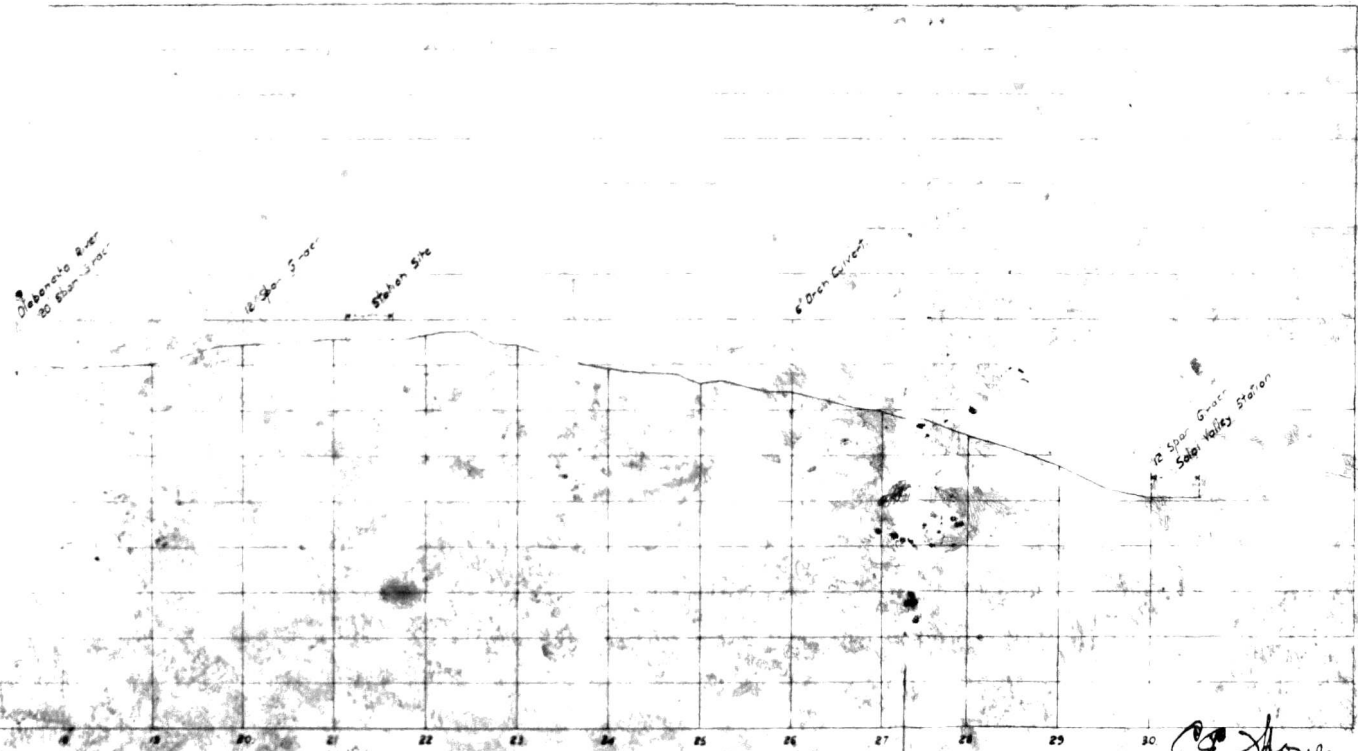
RONGAI - SOLAI BRANCH. 150% Line.

## INDEX SECTION.

### Scales

Horizontal 1" = 62500, or 1" to 98 Miles

Vertical 1 inch to 200.



*E. J. Stone*

Engineer-in-charge of Survey.

Sketch showing Projected Line

ROMBAI SOLAI RAILWAY

Scale 1/8500 Feet

Note: Green Line shows existing line for 15% Line  
Yellow line shows projected for 15% Line



*E. J. Armer*

ENGINEER IN CHARGE OF SURVEYS

CHIEF ENGINEER, UNION RAILWAYS  
May 1924



Sketch showing

Rovani - Solari

Scale 1/8"

Note: - Sketch line shows centre  
Mileage marked for 1/2% L



Sketch showing  
Rovani - Sola

Scale 1/2500

Note: Swampy areas  
marked for 10% L

