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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No.	958	Press Mis.
732-33.		
Dated	31 - 3 -	18 / 1.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

No. 732. Read the following letter from the Deputy Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 27th March 1871, No. 127 :—

I HAVE the honour to submit the Revenue Account of the Carnatic Railway Company for the half-year ended the 31st December 1870, with a brief explanatory note.

2. The Order of Government, No. 87, dated 12th January 1871, regarding the advisability of reducing the train service is under consideration, and will be reported upon shortly.

3. The enclosures comprise Nos. 8 to 12, 14 to 16, and 18 of the new forms of accounts.

CARNATIC RAILWAY COMPANY.

THE length of line open during the half-year ended the 31st December 1870 was eighteen and three-quarter miles.

2. The train service was performed by two mixed trains daily in each direction.

3. The number of miles run by ordinary trains during each day in the half-year is seventy-five.

4. The passenger fares and goods rates during the half-year under review were :—

Passenger fares per mile.					Goods rates per ton per mile.				
First Class	...	...	...	12 Pies.	Special	...	...	...	12 Pies.
Second do.	...	...	...	6 "	First Class	...	...	...	16 "
Third do.	...	...	...	4 "	Second do.	...	...	...	20 "
					Third do.	...	...	...	24 "
					Fourth do.	...	...	...	36 "
					Fifth do.	...	...	...	48 "

5. The train mileage during the half-year was 13,984, corresponding with that for the period ended 31st December 1869.

6. The half-yearly receipts, working expenses, and balances have been as follows since the 1st July 1868 :—

	HALF-YEAR ENDED THE				
	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.	30th June 1870.	31st Dec. 1870.
	RS.	RS.	RS.	RS.	RS.
Receipts	18,722	29,319	19,126	19,869	15,547
Working expenses	22,962	20,064	19,045	13,674	26,234
Balances	Loss 4,240	9,255	81	6,195	Loss 10,687

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7. The results of the traffic operations for the half-year ended the 31st December 1870 have been very unsatisfactory in spite of the decreased expenditure in the departments marginally noted during the two preceding periods. The increase is in a great measure due to the Home Expenditure (Revenue proportion) for the whole year, amounting to Rupees 11,061-7-4, being entered in this half-year's account.

8. The proportion of expenditure and of profits to the total receipts for each of the last five half-years is as follows:—

Half-year ended the	PER-CENTAGE BORNE TO THE TOTAL RECEIPTS BY	
	Working expenses.	Profits.
31st December 1868 ...	122 64	22 57
30th June 1869 ...	68 43	31 57
31st December ..	99 57	0 43
30th June 1870 ...	68 82	31 18
31st December ..	168 74	68 71

9. The following Statement gives the number of passengers of each class and the receipts realized from them:—

	HALF-YEAR ENDED THE				
	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.	30th June 1870.	31st Dec. 1870.
<i>Passengers.</i>	No.	No.	No.	No.	No.
First Class ...	104	231	115	123	101
Second do. ...	2,844	4,811	2,753	3,074	2,139
Third do. ...	37,282	55,396	38,755	41,189	32,946
Total...	40,230	60,438	41,623	44,386	35,186
<i>Receipts.</i>	Rs.	Rs.	Rs.	Rs.	Rs.
First Class ...	247	368	156	126	110
Second do. ...	1,518	2,646	1,451	1,700	1,172
Third do. ...	13,550	20,885	13,694	15,383	11,649
Total...	15,315	23,899	15,256	17,209	12,931

Both in number and in receipts the results of the half-year under review compare unfavourably with the four preceding half-years.

*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

10. The goods traffic has been as follows:—

	HALF-YEAR ENDED THE				
	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.	30th June 1870.	31st Dec. 1870.
Goods ... Tons.	1,810	3,836	3,007	1,542	1,316
Receipts ... Rupees.	2,661	4,996	3,518	2,035	2,003

Comparing unfavourably with previous periods.

11. The gross receipts from all sources, the working expenses, and the net profits per mile have been as follows during the

	HALF-YEAR ENDED THE				
	31st Dec. 1868.	30th June 1869.	31st Dec. 1869.	30th June 1870.	31st Dec. 1870.
Gross receipts per mile per open line.	RS. 998	RS. 1,564	RS. 1,020	RS. 1,059	RS. 829
Working expenses per do. ...	1,224	1,070	1,016	729	1,399
Net profits per do. ...	Loss 226	494	4	330	Loss 570

12. The following Statement shows the Revenue expenditure for the half-year under review as compared with the corresponding period of 1869:—

	HALF-YEAR ENDED THE 31ST DEC.		In-crease.	De-crease.	In-crease per cent.	De-crease per cent.	COST PER TRAIN MILE IN THE HALF-YEAR ENDED THE 31ST DECEMBER	
	1869.	1870.					1869.	1870.
Train miles ...	13,984	13,984	.....	.....	.....	.....	.....	.....
Maintenance of way, works, and stations.	RS. 5,248	RS. 3,589	.....	1,659	.....	32	RS. A. P. 0 6 0	RS. A. P. 0 4 1
Locomotive Expenses.	5,297	4,412	.....	885	.....	17	0 6 1	0 5 1
Carriage and Waggon do.	346	227	.....	119	.....	34	0 0 5	0 0 3
Traffic do. ...	3,912	1,962	.....	1,950	.....	50	0 4 6	0 2 3
General charges ...	4,242	14,543	10,301	.....	243	.....	0 4 10	1 0 8
Special and Miscellaneous expenses ...	.....	1,501	1,501	.....	.....	.....	.....	0 1 9

MADRAS,
21th March 1871.

(Signed) C. J. SMITH, Captain, R. E.,
Dy. Constg. Engr. for Railways

Stores expended for Maintenance of Way, Works, and Stations.

(Signed) J. T. FISHER,
Agent and Manager.

Abstract of Expenditure for working and upholding Locomotive Engines for the half-year ending 31st December 1870.

WORKING.

WORKING.

[illegible]

2

Cost of Repairs of Carriages and Waggon's including Labor and Material for the half-year ending 31st December 1870.

[illegible]

(Signed) J. T. FISHER,
Agent and Manager.

Proceedings of the Madras Government, Public Works Department,
31st March 1871

Mileage of Vehicles for the half-year ending 31st December 1870.

	NUMBER OF VEHICLES.		Mileage of Passenger Vehicles.	Mileage of Goods Vehicles.	Total.
	Passen- gers.	Goods.			
First Class Carriages...	3	...	...	...	...
Composites ...	4	...	14,003	...	14,003
Second Class Carriages	10	...	304	...	304
Third do.	16	...	29,589	...	29,589
Brake Vans ...	3	...	13,984	...	13,984
Goods Waggon	...	40	...	14,523	14,523
Gross ...	36	40	57,880	14,523	72,403
Empty Vehicles ..	...	...	...	4,160	4,160

(Signed) J. T. FISHER,
Agent and Manager.

Statement showing the Mileage of Coaching and Goods Traffic for the half-year ending
31st December 1870.

	No.	Weight in Tons.	Mileage.	Mileage in Tons.
Passengers				
First Class	104	...	1,802	1,808
Second do.	2,156	...	37,144	37,262
Third do.	33,025	...	576,144	577,937
Goods				
Special do.	...	243	...	4,177
First do.	...	864	...	16,159
Second do.	...	84	...	1,596
Third do.	...	44	...	836
Fourth do.	...	39	...	741
Fifth do.	...	42	...	780
Luggage ...	...	7 1/2	...	155
Parcel ...	...	6	...	120
Horses	3	...	57	...
Carriages	3	...	57	...
Dogs	9	...	171	...
Cattle	...	...	...	...
Sheep	2	...	38	...

(Signed) J. T. FISHER,
Agent and Manager.

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

Statement of the quantity of Merchandise Traffic forwarded from, and received at, Conjeeveram Station for the half-year ending 31st December 1870.

Description.	FORWARDED			RECEIVED			Grand Total.
	Up.	Down.	Total.	Up.	Down.	Total.	
Bamboos ...	Tons. Cwt. Qrs. lbs.		Tons. Cwt. Qrs. lbs.		Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	
Bark, tanning	...	...	...	...	...	...	12 1 2 12
Baskets	...	...	...	...	...	...	12 1 2 10
Beer	...	...	...	...	...	...	1 0 2 26
Betel-nuts	...	...	...	...	...	...	0 18 0 24
Brass and Copper	...	...	...	...	...	...	0 2 0 21
Cheekoy	...	...	...	...	...	...	1 9 2 18
Chillies	...	...	...	...	...	...	0 0 2 12
Cloth and Piece-goods	...	...	...	...	...	...	1 0 3 16
Cocoanuts	...	...	...	...	...	...	1 0 3 16
Cuscus	...	...	...	...	...	...	0 15 0 26
Cumbles	...	...	...	...	...	...	56 10 0 26
Dates	...	...	...	...	...	...	0 16 1 24
Dholl	...	...	...	...	...	...	0 5 0 2
Dubbers	...	...	...	...	...	...	0 11 1 12
Dye or Red-wood	...	...	...	...	...	...	0 7 2 0
Fire-wood and Jungle Posts.	...	...	...	...	...	...	10 7 2 4
Fruits	...	...	...	...	...	...	2 0 0 22
Furniture	...	...	...	...	...	...	2 16 3 4
Garlic and Onions	...	...	...	...	...	...	63 16 3 4
Ghee	...	...	...	...	...	...	0 3 3 18
Gram	...	...	...	...	...	...	7 9 2 23
Ground-nuts	...	...	...	...	...	...	1 2 3 0
Gunnies	...	...	...	...	...	...	26 17 1 20
Indigo	...	...	...	...	...	...	0 19 3 12
Jaggery	...	...	...	...	...	...	22 15 3 18
Luggage	...	...	...	...	...	...	0 11 3 18
Oil of all kinds	...	...	...	...	...	...	7 9 0 4
Paddy	...	...	...	...	...	...	13 14 1 16

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

Statement of the quantity of Merchandise Traffic forwarded from, and received at, Conjevaram Station.—(Concluded.)

Description.	FORWARDED			RECEIVED			Grand Total.
	Up.	Down.	Total.	Up.	Down.	Total.	
Pepper	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.
Raggy	.....	.....	.....	.....	.....	.....	.....
Railway materials	.....	.....	.....	.....	.....	.....	.....
Rice	20 12 3 10	.....	20 12 3 10	.....	.....	.....	1 10 2 24
Saffron	.....	.....	.....	.....	.....	.....	179 19 1 18
Salt	.....	.....	.....	.....	.....	.....	6 2 0 5
Salt-fish	.....	.....	.....	.....	.....	.....	23 19 0 12
Sealing-wax	2 2 1 16	.....	2 2 1 16	.....	.....	.....	0 16 0 12
Seeds of all kinds	23 17 2 14	.....	23 17 2 14	.....	.....	.....	556 2 2 14
Skins	0 9 1 6	.....	0 9 1 6	.....	.....	.....	4 6 3 0
Stationery	.....	.....	.....	.....	.....	.....	2 5 2 4
Stones	.....	.....	.....	.....	.....	.....	61 13 3 10
Sugar of all kinds	.....	.....	.....	.....	.....	.....	0 9 1 6
Sundries	2 9 3 26	.....	2 9 3 26	.....	.....	.....	0 2 1 24
Tamarind	0 0 3 18	.....	0 0 3 18	.....	.....	.....	125 12 1 6
Telegraph Standards	3 13 0 22	.....	3 13 0 22	.....	.....	.....	0 13 3 18
Tobacco	0 11 1 14	.....	0 11 1 14	.....	.....	.....	2 14 3 4
Twist	14 11 0 10	.....	14 11 0 10	.....	.....	.....	0 0 3 18
Vegetables	.....	.....	.....	.....	.....	.....	3 13 0 22
Valyal stones	.....	.....	.....	.....	.....	.....	20 11 0 26
Wines and Spirituous Liquors	0 12 0 8	.....	0 12 0 8	.....	.....	.....	0 10 2 4
Total	149 9 1 0	.....	149 9 1 0	.....	.....	.....	0 17 0 16
				1,104 3 1 8	1,104 3 1 8	1,253 12 2 8	0 13 2 22

(Signed) J. T. FISHER,
Agent and Manager.

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

Statement of the quantity of Merchandise Traffic forwarded from, and received at, Chengulroy Choultry Station for the half-year ending 31st December 1870.

Description.	FORWARDED			RECEIVED			Grand Total.
	Up.	Down.	Total.	Up.	Down.	Total.	
Paddy	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.
.....							
Total							
							0 8 3 24
							0 8 3 24

Statement of the quantity of Merchandise Traffic forwarded from, and received at, Pulloor Station for the half-year ending 31st December 1870.

Description.	FORWARDED			RECEIVED			Grand Total.
	Up.	Down.	Total.	Up.	Down.	Total.	
Betel-nuts	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.	Tons. Cwt. Qrs. lbs.
Bricks	1 15 0 6	.....	1 15 0 6	.....	.....	.....	1 15 0 6
Cholum	36 18 0 0	.....	36 18 0 0	.....	.....	.....	36 18 0 0
Dubbers	.....	.....	.....	.....	.....	.....	.....
Fire-wood	.....	.....	.....	.....	.....	.....	.....
Gunnies	.....	.....	.....	.....	.....	.....	.....
Jaggery	.....	.....	.....	.....	.....	.....	.....
Oil of all kinds	.....	.....	.....	.....	.....	.....	.....
Paddy	11 19 0 18	.....	11 19 0 18	.....	.....	.....	11 19 0 18
Rice	.....	.....	.....	.....	.....	.....	.....
Salt	.....	.....	.....	.....	.....	.....	.....
Seeds of all kinds	.....	.....	.....	.....	.....	.....	.....
Sundries	0 1 2 4	.....	0 1 2 4	.....	.....	.....	0 1 2 4
Tobacco	.....	.....	.....	.....	.....	.....	.....
Twist	.....	.....	.....	.....	.....	.....	.....
Vegetables	.....	.....	.....	.....	.....	.....	.....
Wines and Spirituous Liquors	0 4 1 26	.....	0 4 1 26	.....	.....	.....	0 4 1 26
Total	50 18 0 26	3 10 1 18	54 8 2 16	2 9 3 20	16 15 1 14	19 5 1 6	73 13 3 22

(Signed) J. T. FISHER,
Agent and Manager.

Statement of the quantity of Merchandise Traffic forwarded from, and received at, Arconum Station for the half-year ending 31st December 1870.

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

Description.	FORWARDED			RECEIVED			Grand Total.
	Up.	Down.	Total.	Up.	Down.	Total.	
Bamboos ...		Tons. Cwt. Qrs. lbs. 12 1 2 12	Tons. Cwt. Qrs. lbs. 12 1 2 12	Tons. Cwt. Qrs. lbs. .....	.....	Tons. Cwt. Qrs. lbs. 12 1 2 12	Tons. Cwt. Qrs. lbs. 12 1 2 12
Bark, tanning ...		1 0 2 10	1 0 2 10	.....	.....	.....	1 0 2 10
Basket ...		0 18 0 26	0 18 0 26	.....	.....	.....	0 18 0 26
Beer ...		0 2 0 24	0 2 0 24	.....	.....	.....	0 2 0 24
Bricks ...		1 9 2 18	1 9 2 18	36 18 0 0	36 18 0 0	36 18 0 0	36 18 0 0
Betel-nuts ...		0 0 3 4	0 0 3 4	1 15 0 6	1 15 0 6	1 15 0 6	3 4 2 24
Brass and Copper ...		1 0 3 16	1 0 3 16	0 13 3 8	0 13 3 8	0 13 3 8	0 14 2 12
Cheacooy ...		0 11 0 4	0 11 0 4	.....	.....	.....	1 0 3 16
Chillies ...		0 2 1 14	0 2 1 14	0 4 3 2	0 4 3 2	0 4 3 2	0 15 3 6
Cholum ...		5 18 1 14	5 18 1 14	50 11 3 12	50 11 3 12	50 11 3 12	56 10 0 26
Cloth and Piece-goods ...		0 11 1 12	0 11 1 12	0 16 1 24	0 16 1 24	0 16 1 24	0 16 1 24
Cocoanuts ...		0 5 0 2	0 5 0 2	.....	.....	.....	0 11 1 12
Cumbilics ...		0 7 2 0	0 7 2 0	.....	.....	.....	0 5 0 2
Cuscus ...		10 7 2 4	10 7 2 4	.....	.....	.....	0 7 2 0
Dates ...		0 6 3 20	0 6 3 20	1 9 1 0	1 9 1 0	1 9 1 0	10 7 2 4
Dholl ...		1 18 3 6	1 18 3 6	0 17 3 26	0 17 3 26	0 17 3 26	1 16 0 20
Dubbers ...		74 7 3 14	74 7 3 14	.....	.....	.....	2 16 3 4
Dye or Red-wood ...		0 3 2 18	0 3 2 18	.....	.....	.....	74 7 3 14
Fire-wood and Jungle Posts.		1 5 2 12	1 5 2 12	0 9 1 6	0 9 1 6	0 9 1 6	0 3 2 18
Fruits ...		7 9 2 23	7 9 2 23	.....	.....	.....	1 14 3 18
Furniture ...		0 18 3 0	0 18 3 0	0 4 0 0	0 4 0 0	0 4 0 0	7 9 2 23
Garlic and Onions ...		26 1 2 24	26 1 2 24	0 15 2 24	0 15 2 24	0 15 2 24	1 2 3 0
Ghee ...		0 19 2 22	0 19 2 22	.....	.....	.....	26 17 1 20
Gram ...		0 5 1 12	0 5 1 12	22 13 3 18	22 13 3 18	22 13 3 18	0 19 2 22
Ground-nuts ...		0 6 2 12	0 6 2 12	0 5 1 6	0 5 1 6	0 5 1 6	22 19 1 2
Gumies ...		6 16 1 22	6 16 1 22	0 2 1 10	0 2 1 10	0 2 1 10	0 11 3 18
Indigo ...		0 6 2 18	0 6 2 18	0 4 2 16	0 4 2 16	0 4 2 16	6 18 3 4
Jaggery ...							0 11 1 6
Luggage ...							0 11 1 6

Statement of the quantity of Merchandise Traffic forwarded from, and received at, Arconum Station.—(Concluded.)

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31st March 1871.

Description.	FORWARDED			RECEIVED			Grand Total.
	Up.	Down.	Total.	Up.	Down.	Total.	
Oil of all kinds ...		Tons. Cwt. Qrs. lbs. 13 2 2 12	Tons. Cwt. Qrs. lbs. 13 2 2 12	Tons. Cwt. Qrs. lbs. 0 7 3 22	.....	Tons. Cwt. Qrs. lbs. 0 7 3 22	Tons. Cwt. Qrs. lbs. 13 10 2 6
Paddy ...		14 16 1 14	14 16 1 14	.....	.....	.....	14 16 1 14
Pepper ...		1 10 2 24	1 10 2 24	.....	.....	.....	1 10 2 24
Raggy ...		179 19 1 18	179 19 1 18	.....	.....	.....	179 19 1 18
Railway Materials...		6 2 0 5	6 2 0 5	32 12 0 0	32 12 0 0	32 12 0 0	6 2 0 5
Rice ...		3 6 1 2	3 6 1 2	.....	.....	.....	35 18 1 2
Saffron ...		0 16 0 12	0 16 0 12	.....	.....	.....	0 16 0 12
Salt ...		559 8 0 18	559 8 0 18	.....	.....	.....	559 8 0 18
Salt-fish ...		4 6 3 0	4 6 3 0	.....	.....	.....	4 6 3 0
Seeds of all kinds ...		37 14 2 14	37 14 2 14	23 17 2 14	23 17 2 14	23 17 2 14	61 12 1 0
Skins ...		0 2 1 24	0 2 1 24	0 9 1 6	0 9 1 6	0 9 1 6	0 2 1 24
Stationery ...		125 12 1 6	125 12 1 6	.....	.....	.....	125 12 1 6
Stones ...		0 13 3 18	0 13 3 18	.....	.....	.....	0 13 3 18
Sugar of all kinds ...		0 4 3 6	0 4 3 6	2 11 2 2	2 11 2 2	2 11 2 2	2 16 1 8
Sundries ...				0 0 3 18	0 0 3 18	0 0 3 18	0 0 3 18
Tamarind ...		3 1 3 8	3 1 3 8	3 13 0 22	3 13 0 22	3 13 0 22	3 13 0 22
Telegraph Standards		6 3 1 20	6 3 1 20	0 11 1 14	0 11 1 14	0 11 1 14	3 13 0 22
Tobacco ...		0 10 2 4	0 10 2 4	13 4 1 16	13 4 1 16	13 4 1 16	19 7 3 8
Twist ...		0 17 0 16	0 17 0 16	0 4 1 26	0 4 1 26	0 4 1 26	0 15 0 2
Vegetables...		0 1 2 14	0 1 2 14	.....	.....	.....	0 17 0 16
Valyal stones		0 3 0 16	0 3 0 16	2 2 1 16	2 2 1 16	2 2 1 16	0 1 2 14
Wines and Spirituous Liquors							0 2 5 2
Wax, sealing ...		1,116 19 1 8	1,116 19 1 8	197 17 2 6	197 17 2 6	197 17 2 6	1,314 16 3 14
Total ...							

(Signed) J. T. FISHER,
Agent and Manager.

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

Return of late Trains during the half-year ending 31st December 1870.

From what Station.		To what Station.	Distance.	NUMBER OF TRAINS		TRAINS NOT DELAYED BY ANY SERIOUS ACCIDENTS.										TRAINS DELAYED BY SERIOUS ACCIDENTS.				
				Per week.	Total Number of Trains	Not more than 15 minutes.	15 to 30 minutes late.	30 to 60 minutes late.	1 to 2 hours late.	More than 2 hours late.	Total Number late.	Average delay.	Greatest delay.	Not more than 3 hours.	3 to 6 hours late.	More than 6 hours late.	Broken down entirely.	Total Number.		
Conjeveram ...	Up	Trains. Arconum ...	19	14	368	2	2	1	1	...	6	30	90	...	...	...	...			
	Down	Trains. Conjeveram ...	19	14	368	17	44	17	4	...	82	22	90	...	...	...	...			

Return showing the Stores, Troops, Mail, and Post Office Servants carried on the Railway during the half-year ending 31st December 1870.

Ordnance Department.	STORES.				TROOPS.		MAILS.		Baggage conveyed free.	Railway charges.	Probable charge on Mails, etc., conveyed free.	Difference between the Railway actual and probable charges and those which would have been charged to the public.			Amount saved by Government
	Commissariat Depot.		Public Works Department.	Stationery Department.	Medical Department.	Number.	Luggage.	Tons.				Mail Servants.	RS.	A.		P.
.....	...	...	...	...	...	...	5	890	Tons. ...	RS. A. P. 371 4 8	RS. A. P. 132 14 0	RS. A. P.	RS. A. P. 404 2 8		

(Signed) J. T. FISHER,
Agent and Manager.

Proceedings of the Madras Government, Public Works Department,
31st March 1871

No. 8.

DR. Revenue Account for the half-year ending 31st December 1870.

CR.

Expenditure.	Amount.	Per cent. of Revenue.	Earnings.	Amount.
	RS. A. P.			RS. A. P.
To Maintenance of Way, Works, and Stations (Abstract A).	3,588 14 8	23 09	By Coaching Traffic (Abstract II).	13,105 2 10
„ Locomotive Expenses (Abstract B).	4,411 14 5	28 38	„ Goods Traffic (Abstract I).	2,033 0 9
„ Carriage and Waggon Expenses (Abstract C).	226 15 4	1 46	„ Electric Telegraph Earnings.	18 0 0
„ Traffic Expenses (Abstract D).	1,962 7 5	12 62	„ Sundries (Abstract K).	390 7 3
„ General Charges (Abstract E).	14,543 2 2	93 54	„ Contributions from Insurance and other Funds.	.....
„ Special and Miscellaneous Expenditure (Abstract G).	1,500 8 4	9 65	Fire Insurance Fund.	.....
„ Balance Net Earnings.	.....	.....	By Balance ...	15,546 10 10
Total...	26,233 14 4	168 74	Total...	10,687 3 6
				26,233 14 4

(Signed) W. A. THOMPSON,
Book-keeper.

Examined and found correct.

(Signed) J. T. FISHER,
Agent and Manager.

(Signed) F. G. HANKIN, Major,
Government Examiner.

Approved and passed.

(Signed) C. J. SMITH, Captain, R.E.,
Deputy Constg. Engr. to Govt.

MADRAS,
24th March 1871.

No. 9.

ABSTRACT A.

Maintenance of Way, Works, and Stations.—31st December 1870.

1st.—SALARIES, OFFICE EXPENSES, AND GENERAL SUPERINTENDENCE.	RS. A. P.	RS. A. P.
(1.)—Engineers' Salaries	640 0 0	
(2.)—Allowances of do., including travelling expenses of all kinds	.....	
(3.)—Inspectors and Plate-layers of all classes	.....	
(4.)—Allowances of do. do.	.....	
(5.)—Overtime allowances	.....	
(6.)—Office expenses	151 0 0	
		791 0 0

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

Maintenance of Way, Works, and Stations.—(Concluded.)

		RS. A. P.	RS. A. P.
2ND.—MAINTENANCE AND RENEWAL OF PERMANENT-WAY.			
(1.)—Wages, including labour and immediate superintendence, (Overseers, etc.) on Permanent-way...		1,763 14 6	
(2.)—Materials		706 8 2	2,470 6 8
3RD.—REPAIRS OF BRIDGES, ETC.,—WAGES AND MATERIALS.			
(1.)—Bridges		.....	
(2.)—Tunnels		.....	
(3.)—Miscellaneous, including earth-work, roads, fencing, etc.		.....	
4TH.—REPAIRS OF STATIONS AND BUILDINGS—WAGES AND MATERIALS.			
(1.)—Repairs of buildings of every description, including station-yards and signals, but excepting quarters of the Staff...		327 8 0	
(2.)—Repairs of Staff quarters		.....	327 8 0
5TH.—MAINTENANCE BY CONTRACT.			
6TH.—UNCLASSIFIED EXPENDITURE.			
(1.)—Plantations		.....	
(2.)—Tools and Plant		.....	
(3.)—Loss on Stores, etc.		.....	
Total...		.....	3,588 14 8
Miles Maintained.	Departmentally.	By Contract.	Total.
Railway line { Double ... ..	.....	.....	.....
Sidings { Single	18½	.....	18½
	1½	.....	1½
Total...	.....	.....	20½

ABSTRACT B.

Locomotive Expenses.—31st December 1870.

		RS. A. P.	RS. A. P.
1ST.—GENERAL SUPERINTENDENCE.			
(1.)—Salaries of Locomotive Superintendent and Assistants		640 0 0	
(2.)—Allowances of do., including travelling allowances		.....	
(3.)—Foremen		.....	
(4.)—Allowances of do., including travelling allowances		.....	
(5.)—Overtime allowances		.....	
(6.)—Office expenses		151 0 0	
			791 0 0

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

Locomotive Expenses.—(Concluded.)

		RS. A. P.	RS. A. P.
2ND.—RUNNING EXPENSES (Wages connected with the Working of Locomotive Engines.)			
(1.)—Wages of Drivers and Firemen		280 12 0	
(2.)—Overtime allowances		.....	
(3.)—All labour connected with fuelling, cleaning, and looking after engines in yards		103 11 0	
(4.)—Contingent expenses, including clothing and travelling expenses		1 3 6	385 10 6
3RD.—FUEL.			
(1.)—Coal		28 4 8	
(2.)—Coke		18 1 8	
(3.)—Patent fuel		1,544 7 10	
(4.)—Wood		.....	1,590 14 2
4TH.—WATER.			
(1.)—Wages of Pumpers and all labour connected with the water-supply		69 0 0	
(2.)—Coal and other stores for engines, etc.		.....	
(3.)—Maintenance and renewal of do.		.....	69 0 0
5TH.—OIL, TALLOW, AND OTHER STORES (expended on Engines in Work.)			
(1.)—Oil, tallow, grease, waste, etc.		248 3 11	
(2.)—Small Stores		42 2 6	290 6 5
6TH.—MAINTENANCE AND RENEWALS OF LOCOMOTIVE ENGINES AND MACHINERY.			
(1.)—Wages		1,061 11 2	
(2.)—Overtime allowances		223 4 2	
(3.)—Materials		.....	1,284 15 4
7TH.—SERVICES OF OTHER LINES.			
(1.)—Hire of Locomotives		.....	.....
8TH.—UNCLASSIFIED EXPENDITURE.			
Loss on Stores, etc.		.....	.....
Total...		.....	4,411 14 5

ABSTRACT C.

Carriage and Waggon Expenses.—31st December 1870.

		RS. A. P.	RS. A. P.
1ST.—GENERAL SUPERINTENDENCE.			
(1.)—Salaries			
(2.)—Allowances, including travelling			
(3.)—Foremen			
(4.)—Allowances of do., including travelling			
(5.)—Overtime allowances			
(6.)—Office expenses			

*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

Carriage and Waggon Expenses.—(Concluded.)

2ND.—REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY.				RS.	A.	P.	RS.	A.	P.
<i>Coaching Vehicles—</i> (1.)—Wages ...				10	6	6			
(2.)—Overtime ...									
(3.)—Materials ...				69	10	9			
<i>Goods Vehicles—</i> (1.)—Wages ...				36	8	4	80	1	3
(2.)—Overtime ...									
(3.)—Materials ...				13	11	3			
							50	3	7
									130 4 10
3RD.—CLEANING CARRIAGES AND WAGGONS, AND OILING.									
(1.)—Labour, including wages of Oilers, Carriage Cleaners, and Examiners ...				20	2	6			
(2.)—Stores, including oil, grease, and other stores for consumption on running vehicles ...				76	8	0			96 10 6
4TH.—UNCLASSIFIED EXPENDITURE.									
Loss on Stores, etc. ...									
Total...							226	15	4

ABSTRACT D.

Traffic Expenses.—31st December 1870.

1ST.—SALARIES, WAGES, ETC.				RS.	A.	P.	RS.	A.	P.
(a.)—General Superintendence—									
(1.)—Traffic Manager, Assistant do. and District Superintendents ...				730	0	0			
(2.)—Office Establishment ...				151	0	0			
(3.)—Travelling Allowances ...				24	0	0			
(4.)—Contingencies ...				23	11	6			
(b.)—Station Staff—							928	11	6
(1.)—Station Masters, Clerks, Porters, Pointsmen, Gate-keepers of level crossings, Signalmen, Station servants, etc. ...							656	1	0
(c.)—Train Staff—									
(1.)—Guards and Assistant Guards ...							70	0	0
(2.)—Overtime allowances ...									
2ND.—FUEL, LIGHTING, WATER AND GENERAL STORES.									1,654 12 6
(1.)—Fires, lights, water and general stores for carriages, stations, offices, etc. ...							123	9	3
(2.)—Waggon covers, ropes, etc. ...									
(3.)—Office and Station fittings and furniture ...									
3RD.—CLOTHING.									
For Guards, Porters, etc. ...									
4TH.—PRINTING, STATIONERY, AND TICKETS.									
5TH.—HORSES, HARNESS, VANS, OMNIBUSES, PROVENDER, ETC.— (including charges for delivery and collection of goods).							184	1	8

*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

Traffic Expenses.—(Concluded.)

6TH.—MISCELLANEOUS EXPENSES.				RS.	A.	P.	RS.	A.	P.
7TH.—SERVICES OF OTHER LINES.									
(1.)—Hire of vehicles ...									
(2.)—Mileage of foreign stock ...									
(3.)—Use of stations ...									
8TH.—UNCLASSIFIED EXPENDITURE.									
Loss on stores, etc. ...									
Total...							1,962	7	5

ABSTRACT E.

General Charges.—31st December 1870.

1ST.—HOME EXPENDITURE.				RS.	A.	P.	RS.	A.	P.
(1.)—Directors and Secretary...				7,831	6	5			
(2.)—Auditors and Accountants ...				220	0	0			
(3.)—Consulting Engineer and Inspecting Officers' fees and travelling allowances ...				1,468	0	11			
(4.)—Office expenses ...				1,542	0	0			
									11,061 7 4
2ND.—SALARIES OF INDIAN MANAGEMENT, INCLUDING OFFICES.									
	Salaries.	Travelling allowances.	Over-time.						
	RS.	A.	P.	RS.	A.	P.	RS.		
(1.)—Agent's Office.	2,769	13	9	445	9	3			
(2.)—Auditor's do.									
(3.)—Accountant's Office ...									
(4.)—Paymaster's (Cashier's) Office...									
(5.)—Store Department ...	48	13	10						
(6.)—Medical Department ...									
							3,264	4	10
(7.)—Rents ...									
(8.)—Contingencies, including furniture and fittings...							200	9	4
(9.)—Stationery ...									
(10.)—Medicine ...									
									3,464 14 2
3RD.—POLICE.									
(1.)—Supervision ...									
(2.)—Constables ...									
(3.)—Contingencies ...									
4TH.—ADVERTISING.									
5TH.—ELECTRIC TELEGRAPH.									
(1.)—Salaries ...									
(2.)—Working establishment ...									
(3.)—Travelling expenses ...									
(4.)—Office expenses, contingencies, e.c. ...									
(5.)—Maintenance, labour, stores ...							16	12	8
6TH.—CLEARING ACCOUNTS WITH OTHER LINES.									16 12 8
7TH.—UNCLASSIFIED EXPENDITURE.									
Loss on stores, etc. ...									
Total...							14,543	2	2

*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

ABSTRACT G.
Special and Miscellaneous Expenditure.—31st December 1870.

	RS.	A.	P.	RS.	A.	P.
1ST.—LAW CHARGES	1,269	7	4			
2ND.—COMPENSATION.						
(1.)—Claims, etc., by Postmaster-General for refund of amount paid for carriage of parcels	231	1	0			
(2.)—Personal injury						
3RD.—RATES AND TAXES.				231	1	0
4TH.—CONTRIBUTIONS TO SPECIAL FUNDS.						
(1.)—Fire Insurance Fund						
Total...	1,500	8	4			

No. 10.
ABSTRACT H.
Coaching Traffic.—31st December 1870.

Mileage fares.	FIRST CLASS.		SECOND CLASS.		THIRD CLASS.		TOTAL.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
1ST.—PASSENGERS—		RS. A. P.		RS. A. P.		RS. A. P.		RS. A. P.
Single journeys ...	91	99 8 0	2,115	1,139 6 6	80,516	11,020 6 8	32,722	12,259 5 2
Excess fares ...	8	8 9 4	17	23 5 0	79	20 11 4	99	47 9 8
Return journeys ...	10	7 8 0	24	9 0 0	2,430	607 8 0	2,464	624 0 0
Season ticket holders ...								
Troops and Police ...								
Total...	104	110 9 4	2,156	1,171 11 6	83,025	11,648 10 0	35,285	12,930 14 10
2ND.—PASSENGERS' LUGGAGE ...							Tons.	
3RD.—MILITARY BAGGAGE ...							72	73 2 0
4TH.—CARRIAGES, HORSES, DOGS, ETC.							No.	
(1.)—Carriages ...							8	12 0 0
(2.)—Horses ...							8	10 8 0
(3.)—Dogs ...							9	2 4 0
5TH.—MILITARY CARRIAGES, HORSES, ETC.								24 12 0
(1.)—Carriages ...								
(2.)—Horses ...								
(3.)—Dogs ...								
6TH.—PARCELS ...								
7TH.—SPECIAL TRAINS ...							Train miles.	76 6 0
8TH.—POST OFFICE.								
(1.)—Haulage and hire of Post Office Vehicles								
(2.)—Special Trains								
(3.)—Parcels								
Total...								13,105 2 10

*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

ABSTRACT I.
Goods Traffic.—31st December 1870.

	Rate per Ton per mile.	Weight in Tons.	Amount.
1ST.—MERCHANDISE, GENERAL.			RS. A. P.
First Class	16 Pies.	864	1,047 9 5
Second do.	20 „	84	189 8 6
Third do.	24 „	44	121 7 9
Fourth do.	36 „	39	167 8 10
Fifth do.	48 „	42	212 10 5
Special	12 „	243	266 14 10
		1,316	2,005 11 9
2ND.—GOVERNMENT STORES			
3RD.—RAILWAY MATERIALS FOR CONSTRUCTION		6	25 1 0
4TH.—LIVE STOCK.			
(1.)—Horses			
(2.)—Cattle			
(3.)—Sheep	No. 2.	4	1 0 0
5TH.—GOVERNMENT LIVE STOCK.			
(1.)—Horses			
(2.)—Cattle			
(3.)—Sheep			
6TH.—MINERALS.			
(1.)—For the Public			
(2.)—For the Company (construction only) ...			
7TH.—RENTS AND DEMURRAGE			1 4 0
8TH.—INTEREST ON OUTSTANDING BILLS.			
Less outstandings irrecoverable.			
Total.....		1,322½	2,033 0 9

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

ABSTRACT K.
Sundries.—31st December 1870.

	Amount.		
	RS.	A.	P.
Interest on Revenue balances deposited with Government	135	1	0
Hire of Locomotives	.....		
Hire of Vehicles	.....		
Mileage of Vehicles and Sheets over foreign lines	.....		
Use of Stations jointly occupied	.....		
Clearing accounts with other lines	.....		
Tolls on Bridges	.....		
Rents of Dwelling houses	.....		
Do. of Refreshment rooms	103	1	9
Fees on Share Transfers, etc. Fines and Wages unpaid paid to Treasury	.....		
Sale of unclaimed Goods	152	4	6
Sale of Revenue Stores condemned	.....		
1. Maintenance	.....		
2. Locomotive	.....		
3. Carriage and Waggon	.....		
4. Traffic—	.....		
5. General—	.....		
Total...	390	7	5

No. 11.
FIRE INSURANCE FUND.

	RS. A. P.				RS. A. P.		
							
To amount paid for loss by fire as per Revenue Account.				By balance in hand on	.....		
To balance in hand on				Interest on Government Paper...	.....		
Total...				Contribution for half-year as per Abstract G.	.....		
				Total...	.....		

No. 12.
Statement of Engine and Rolling Stock for half-year ending 31st December 1870.

Description.	Total stock authorized up to date.	Total stock constructed against authorization up to.	Additional stock during the half-year.	Total stock constructed up to 31st December 1870.	Actual stock running on 31st December 1870.	REPAIRS AND RENEWALS.				Average No. undergoing repairs and renewals at any one time.
						Total No. of vehicles renewed during the half-year.	Total No. of vehicles repaired during the half-year.	Total No. of vehicles undergoing repairs on 31st December 1870.	Total No. of vehicles undergoing repairs on 31st December 1870.	
Engines	4									..
First Class Carriages...	3									..
Composites	4									..
Second Class Carriages.	10				80					..
Third Class Carriages...	16									..
Brake Vans	3									..
Goods Waggon	40									..

(Signed) J. T. FISHER,
Agent and Manager.
(Signed) C. J. SMITH, Captain, R.E.,
Deputy Consulting Engineer for Railways.

MADRAS,
23rd March 1871.

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

No. 14.

Statement of Train Mileage for half-year ending 31st December 1870.

Train Miles run for Traffic Department	...	...	...	...	13,984
Do. for Locomotive do.	...	...	...	...	.....
Do. for Maintenance do.	...	...	...	...	.....
Total	...	...	...	...	13,984
Hours of assisting engines	...	...	...	...	.....
Do. of shunting, piloting, etc.	...	...	...	...	.....
Do. of miscellaneous services	...	...	...	...	.....

(Signed) J. T. FISHER,
Agent and Manager.

MADRAS,
23rd March 1871.

(Signed) C. J. SMITH, Captain, R.E.,
Deputy Consulting Engineer for Railways.

No. 15.

Distribution Statement of Audited Salaries for the half-year ending 31st December 1870.

Department.	Capital.			Revenue.			Total Audited.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Home Expenditure	13,867	2	6	11,061	7	4	24,928	9	10
Engineering	28,298	3	4	791	0	0	29,089	3	4
Locomotive	.....	.....	.....	791	0	0	791	0	0
Carriage and Waggon	.....	.....	.....	.....	.....	.....	.....	.....	.....
Traffic	.....	.....	.....	.....	.....	.....	.....	.....	.....
Agency	.....	.....	.....	.....	.....	.....	.....	.....	.....
Audit	2,217	4	1	881	0	0	881	0	0
Accounts	.....	.....	.....	2,769	13	9	4,987	1	10
Store	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medical	135	15	2	.....	.....	.....	.....	.....	.....
Police	158	1	0	48	13	10	184	13	0
Electric Telegraph	.....	.....	.....	.....	.....	.....	158	1	0
Total	44,676	10	1	16,343	2	11	61,019	13	0

(Signed) W. A. THOMPSON,
Book-keeper.

(Signed) J. T. FISHER,
Agent and Manager.

(Signed) F. G. HANKIN, Major,
Govt. Exr. of Railway Accounts.

(Signed) C. J. SMITH, Captain, R.E.,
Deputy Consulting Engineer for Railways.

Proceedings of the Madras Government, Public Works Department,
31st March 1871.

No. 16.
Statement of Net Profits of the Carnatic Railway for the half-year ending 31st December 1870.

To balance outstanding from last account	...	...	...	RS. A. P. 70 13 4	By Traffic earnings paid to Government during half-year	...	RS. A. P. 14,584 5 11
To gross earnings as per Revenue Account	...	...	...	15,546 10 10	Add difference between amount actually paid into the Treasury during June half-year	...	23,425 14 8
Add amount since discovered to have been outstanding from Tramway Account omitted in previous half-year	...	...	...	3,693 1 8	And amount quoted in Net Profit Statement for that period	...	19,732 13 0
Less balance of account from same source due to Madras Railway Company on through traffic account	...	...	...	192 10 2	Deduct earnings paid in during July and August taken to account in half-year ending June	...	18,277 7 7
					By Traffic earnings of half-year paid to Government during the months of January and February 1871	...	204 10 7
					By balance, i.e., traffic earnings up to December 31st unrealized on 1st March 1871, Construction Account	...	18,072 13 0
					Government Interest and Police Department	...	895 1 4
					Traffic Department	...	18,967 14 4
					Total Traffic Receipts	...	150 1 4
					Traffic receipts paid to Government as per above Statement	...	19,117 15 8
					Working expenses as per Revenue Account	...	18,967 14 4
					Balance, being loss for the half-year	...	26,233 14 4
							7,266 0 0

* N. B.—This amount was in the hands of the late Agents at debit of cash, and was paid into the Treasury, "Government Revenue Account;" was duly debited in the books which agrees with Accountant-General's Statements, but the Company's Revenue Account is not thereby affected.

(Signed) W. A. THOMPSON,
Book-keeper.
Examined and found correct.

(Signed) F. G. HANKIN, Major,
Govt. Examiner Railway Accounts.

(Signed) J. T. FISHER,
Agent and Manager.
Approved and passed.

(Signed) C. J. SMITH, Captain, R.E.,
Deputy Consulting Engineer to Govt.

*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

No. 18.

Dr. *Balance Sheet for the half-year ending 31st December 1870.* Cr.

	RS.	A.	P.		RS.	A.	P.
3 Cash				27 Board of Directors.			
167 Net Revenue Account ...	12	13	11	London	7,11,370	12	8
179 Traffic Cash	4,491	13	10	Suspense Account ...	90	0	0
184 Chief Engineer	910	1	8	Fines	14	14	11
188 Government Revenue Ac- count	327	10	11	Revenue Advance Account	216	0	9
189 Stores	19,443	5	7	Madras Railway Company	85	7	0
200 Bank of Madras	57,229	1	10	Revenue Establishment.	2,242	11	11
201 Capital Account... ..	7,277	11	3	Capital Advance Account.	6,572	4	1
202 Stores in transitu	6,23,812	2	4	Government Capital Ac- count	44,259	15	0
203 Through Traffic Account.	51,997	8	0	Guarantee Fund	750	0	0
	85	7	0	Income Tax	15	10	0
Total...	7,65,617	12	4	Total ..	7,65,617	12	4

(Signed) W. A. THOMPSON,
Book-keeper.

(Signed) F. G. HANKIN, Major,
Govt. Exmr. of Railway Accounts.
MADRAS,
23rd March 1871.

(Signed) J. T. FISHER,
Agent and Manager.
C. J. SMITH, Captain, R. E.,
Deputy Consty. Engr. for Railways.

Certificate respecting the permanent-way, etc.

I HEREBY certify that the whole of the Company's Permanent-way, Stations, Buildings, Telegraph, Fencing, etc., have, during the past half-year, been maintained in good working condition and repair.

(Signed) A. LEA HAIR,
Superintendent.

Certificate respecting the Rolling Stock.

I HEREBY certify that the whole of the Company's Plant, Engines, Carriages, Waggons, Machinery and Tools and other stock, having, during the past half-year, been maintained in good working order and repair.

(Signed) A. LEA HAIR,
Superintendent.

I HEREBY certify that the Certificates given above by the Railway Officials are correct.
MADRAS,
24th March 1871.

(Signed) C. J. SMITH, Captain, R. E.,
Deputy Consulting Engineer for Railways.

*Proceedings of the Madras Government, Public Works Department,
31st March 1871.*

No. 733. ORDER THEREON, 31st March 1871, No. 958.

RAILWAY, No. 77.

ORDERED that these papers be for-
warded to the Government of India:—

(Here enter No. 959, dated 31st March 1871.)

(True Extract.)

Colonel, R.E.,

Secretary to Government.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 31st March 1871.

No. 734.

No. 959.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 78.

SIR,—I am directed to forward, for
submission to the Government of India,
a copy of the Revenue Account of the
Carnatic Railway Company for the half-year ending 31st December 1870, with the
Acting Consulting Engineer's explanatory note.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Ed. T. O'Connor.

Colonel Engineer's Office

Railway Department

From

No. 127

Captain H. J. Smith R.E.

Dy. Colonel Engineer, Fort Carleton,
Madras.

To

Colonel H. A. O. R. R.E.

Secretary to Government

Public Works Department

Fort Saint George.

Sir,

I have the honour to
submit the Revenue Account of
the Madras Railway Company
for the half year ended the 31st
December 1870 with a brief
explanatory note.

2

The order of Government

No. 87, dated 12th January 1871

regarding the advisability of
reducing

Reducing the train service is under consideration and will be reported upon shortly.

The enclosures comprise
nos. 8 to 12, 14 to 16, and 18 of the
new forms of accidents.

Madam I have the honor to be,
27 March 1851 Yours Most Obedt Servt.

Wm Smith Capt 18

By Com: George Fox May 18

11/12/11

1891

The above is a list of the
 names of the persons who
 have been appointed to the
 various positions in the
 various departments of the
 Government.

12/31/1918

100

11/11/11

17-00000

100

[illegible]

1851 Dept
Ch: of Govt for March
No. 1411.

The Secy: Com: Cuzco
for Railway
to
Madras

The Secretary to Govt
Public Works Dept
Port Saint George

Dated 25th March 1851
Received 25th March 1851

En: 18. V. No. 127

Submits to Govt
Account of the Com:
Railway Company for
the half-year ended
the 31st December 1850.

No. 958-959-31

Ch 702

Carriacou Railway Company

The length of line open
during the half-year ended the
31st December 1850 was eighteen
and three-quarters miles.

The train service was
performed by two mixed trains
daily in each direction.

The number of miles
run by ordinary trains during
each day in the half-year is
75.

The passengers, fares
and goods taken during the
half-year were as follows:
were:—

Passenger fares per mile. Goods & mails per ton per mile

First class—12 p.c.	Special—12 p.c.
Second—6—	First class—16—
Third—4—	Second—20—
	Third—24—
	Fourth—36—
	Fifth—48—

The train mileage during the half year was 13,984 corresponding with that for the period ended 31st December 1869.

The half yearly receipts, working expenses and balance sheet are as follows since the 1st July 1868:—

Account of way, works and stations
 Receipts and expenses (including half-year ending)
 Receipts and expenses (including half-year ending)
 Receipts and expenses (including half-year ending)
 Receipts and expenses (including half-year ending)

Half-year ended the				
31 st Dec 1868	31 st June 1869	31 st Dec 1869	30 th June 1870	31 st Dec 1870
100	100	100	100	100
18,722	29,319	19,126	19,869	15,541
2,296	2,064	19,445	18,674	26,234
Balance	9,255	81	6,195	

The results of the traffic operations for the half-year ended the 31st December 1870 have been very satisfactory in spite of the increased expenditure in the department marginally noted during the two preceding periods. The increase is in a great measure due to the Home Expenditure (Revenue proportion) for the whole year amounting to Rs. 11,061-7-4 being entered

entered in the half-year's account.

The proportion of expenditure and of profits to the total receipts for each of the last five half-years is as follows:—

Half-year ended the	Percentage borne to the total receipts by	Working expenses	Profits
31 st December 1868	122.64	27.57	
30 th June 1869	68.42	31.57	
31 st December 1869	99.57	0.43	
30 th June 1870	68.82	31.18	
31 st December 1870	168.54	7.4	

The following statement gives the number of passengers of each class and the receipts realized from

them

them:—

	Half-year ended the	30 th June 1868	31 st December 1869	30 th June 1870	31 st December 1870
Passengers		104	231	115	123
First class		2844	4811	2753	3074
Second		3728	5539	3875	4118
Third		4030	6043	4162	4438
Total		10602	16493	10748	11630
Receipts		247	368	156	126
First class		1518	2646	1451	1500
Second		1855	2088	1369	1538
Third		1522	2153	1556	1729
Total		5845	6997	4376	4767

Both in number and in receipts, the results of the half-year under review compare unfavourably with the four preceding half-years.

The goods traffic has been as follows:—

Half-year ended the

31 st December 1868	30 th June 1869	31 st December 1869	30 th June 1870	31 st December 1870
--------------------------------------	----------------------------------	--------------------------------------	----------------------------------	--------------------------------------

Goods sold	1812	2886	3007	1542	1316
Receipts	2661	4996	3518	2085	2006

Comparing unfavourably with
previous periods.

The gross receipts
from all sources, the working
expenses, and the net profits
per mile have been as follows
during the:-

Half-year ended the

31 st December 1868	30 th June 1869	31 st December 1869	30 th June 1870	31 st December 1870
--------------------------------------	----------------------------------	--------------------------------------	----------------------------------	--------------------------------------

Gross receipts per mile	998	1564	1020	1059	829
Working expenses per mile	1224	1070	1016	729	1399
Net profits per mile		494	4	330	

The following statement
shows the Revenue expenditure
for the half-year under review
as compared with the correspond-
ing period of 1869:-

	Half-year ended the 31 st December		Increase	Decrease	Increase per cent	Decrease per cent	Total per train miles in the half year ended the 31 st December	
	1869	1870					1869	1870
Train miles	13984	13984	0	0	0	0	13984	13984
Maintenance of way works and stations	5248	3589	1659	32	32	0	6-1	4-1
Locomotive Expenses	5299	4412	885	17	17	0	6-1	5-1
Carriage & Wagon	346	227	119	34	34	0	5	3
Traffic	3912	1962	1950	50	50	0	4-6	2-3
General charges	4242	1454	2788	1-4	10	1-0	8	
Special and miscellaneous expenses	1501	1501	0	0	0	0	17	

Made at
2nd March 1871
Signed J. Smith Capt 108
By: Comd. Surg. for Regt
J. Smith
Capt 108
By: Comd. Surg. for Regt

28. CARNATIC RAILWAY.

Revenue Account for the Half year ending 31 December 1870.

Dr.

Cr.

EXPENDITURE.	Rs.	A.	P.	Per cent of Revenue.	EARNINGS.	Rs.	A.	P.
To Maintenance of Way } (Abstract A)... Works and Stations ...	3588	14	8	23.09	By Coaching Traffic (Abstract H)	13,105	2	10
" Locomotive Expenses ... (Abstract B) ..	4441	14	5	28.38	" Goods Traffic ... (Abstract I).	2033	"	9
" Carriage and Wagon } (Abstract C)... Expenses ...	226	15	4	1.46	" Electric Telegraph Earnings	18	"	"
" Traffic Expenses ... (Abstract D)...	1962	7	5	12.62	" Sundries ... (Abstract K)	390	7	3
" General Charges ... (Abstract E)...	1454	3	2	93.54	" Contributions from Insurance and other Funds ...	"	"	"
" Special and Miscel- } (Abstract G)... laneous Expenditure...	1500	8	4	9.65	Fire Insurance Fund ...	"	"	"
" Balance Net Earnings ...	"	"	"	"	" Balance	15,546	10	10
TOTAL..	26,233	14	4	163.74	TOTAL...	26,233	14	4

W. Thompson
Book-keeper

J. J. Fisher
Agent and Manager.

Examined and found correct

H. Martin
Government Examiner.

Approved and passed.

W. J. C. C.
Consulting Engineer to Government.

W. J. C. C.
24th March 1871

9

ABSTRACT A.

31st December 1870.

Maintenance of Way Works and Stations.

	Rs.	A.	P.	Rs.	A.	P.
1ST.—SALARIES, OFFICE EXPENSES, AND GENERAL SUPERINTENDENCE.						
(1).—Engineers' Salaries	640	"	"			
(2).—Allowances of ditto, including travelling expenses of all kinds	"	"	"			
(3).—Inspectors and Plate-layers of all classes	"	"	"			
(4).—Allowances of ditto ditto	"	"	"			
(5).—Overtime Allowances	"	"	"			
(6).—Office Expenses	151	"	"	791	"	"
2ND.—MAINTENANCE AND RENEWAL OF PERMANENT WAY.						
(1).—Wages, including labour and immediate Superintendence, (Overseers, &c.,) on Permanent Way	1463	14	6			
(2).—Materials	706	8	2	2470	6	8
3RD.—REPAIRS OF BRIDGES, &c.—WAGES AND MATERIALS.						
(1).—Bridges.	"	"	"			
(2).—Tunnels.	"	"	"			
(3).—Miscellaneous, including earth-work, roads, fencing, &c.	"	"	"			
4TH.—REPAIRS OF STATIONS AND BUILDINGS—WAGES AND MATERIALS.						
(1).—Repairs of buildings of every description, including station-yards and signals, but excepting quarters of the Staff	327	8	"	327	8	"
(2).—Repairs of Staff quarters						
5TH.—MAINTENANCE BY CONTRACT.						
6TH.—UNCLASSIFIED EXPENDITURE.						
(1).—Plantations	"	"	"			
(2).—Tools and Plant	"	"	"			
(3).—Loss on Stores, &c.				3588	14	8

MILES MAINTAINED.	Departmentally.	By Contract.	TOTAL.
RAILWAY LINE .. { Double.	18 3/4	"	18 3/4
{ Single.	1 3/4	"	1 3/4
SIDINGS	1 3/4	"	1 3/4
TOTAL.....			20 1/2

No 9 continued **ABSTRACT B.**
Locomotive Expenses.

31st December 1870.

	Rs.	A.	P.	Rs.	A.	P.
1ST.—GENERAL SUPERINTENDENCE.						
(1).—Salaries of Locomotive Superintendent and Assistants...	640	-	-	✓		
(2).—Allowances of ditto, including travelling allowances ...	"	"	-	✓		
(3).—Foremen	"	"	"	✓		
(4).—Allowances of ditto, including travelling allowances ...	"	"	-	✓		
(5).—Overtime allowances	"	"	"	✓		
(6).—Office Expenses	151	"	"	✓	791	
2ND.—RUNNING EXPENSES (WAGES CONNECTED WITH THE WORKING OF LOCOMOTIVE ENGINES).						
(1).—Wages of Drivers and Firemen	280	12	"	✓		
(2).—Overtime allowances	"	"	"	✓		
(3).—All labor connected with fuelling, cleaning, and looking after Engines in Yards ..	103	11	"	✓		
(4).—Contingent Expenses, including Clothing and Travelling Expenses	1	3	6	✓	385	10 6
3RD.—FUEL.						
(1).—Coal	28	4	8	✓		
(2).—Coke	18	1	8	✓		
(3).—Patent Fuel	"	"	"	✓		
(4).—Wood	1544	7	10	✓	1590	14 2
4TH.—WATER.						
(1).—Wages of Pumpers and all labor connected with the water supply	69	"	"	✓		
(2).—Coal and other Stores for Engines, &c.	"	"	"	✓		
(3).—Maintenance and renewal of ditto	"	"	"	✓	69	"
5TH.—OIL, TALLOW, AND OTHER STORES, (expended on Engines in Work).						
(1) — Oil, Tallow, Grease, Waste, &c.	248	3	11	✓		
(2).—Small Stores	42	2	6	✓	290	6 5
6TH.—MAINTENANCE AND RENEWALS OF LOCOMOTIVE ENGINES AND MACHINERY.						
(1).—Wages	1061	11	2	✓		
(2).—Overtime allowances	"	"	"	✓		
(3).—Materials	223	4	2	✓	1284	15 4
7TH.—SERVICES OF OTHER LINES.						
(1).—Hire of Locomotives						
8TH.—UNCLASSIFIED EXPENDITURE.						
Loss on Stores, &c.						
TOTAL ..					4411	14 5

continued ABSTRACT C. 31st December 1870
Carriage and Wagon Expenses.

						Rs.	A.	P.	Rs.	A.	P.
1ST.—GENERAL SUPERINTENDENCE.											
(1).—Salaries	...	...	...	...	...						
(2).—Allowances, including Travelling	...	...	...	...	...						
(3).—Foremen	...	...	...	...	...						
(4).—Allowances of ditto, including Travelling	...	...	...	...	...						
(5).—Overtime allowances	...	...	...	...	...						
(6).—Office Expenses...	...	...	...	...	...						
2ND.—REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY.											
COACHING VEHICLES—(1)—Wages						10	6	6			
(2)—Overtime						"	"	"			
(3)—Materials						67	10	9	80	1	3
GOODS VEHICLES—(1)—Wages						36	8	4			
(2)—Overtime						"	"	"			
(3)—Materials						13	11	3	50	3	7
									130	4	10
3RD.—CLEANING CARRIAGES AND WAGONS, AND OILING											
(1).—Labor, including wages of Oilers, Carriage Cleaners, and Examiners									20	2	6
(2).—Stores, including Oil, Grease, and other Stores for con- sumption on running Vehicles									76	8	"
											96 10 6
4TH.—UNCLASSIFIED EXPENDITURE.											
Loss on Stores, &c.											
TOTAL.....									226	15	4

29 continued

ABSTRACT D. Traffic Expenses.

31st December 1870.

25

	Rs.	A.	P.	Rs.	A.	P.
1ST.—SALARIES, WAGES, &c.						
(a).—General Superintendence—						
(1).—Traffic Manager, Asst. ditto, and District Superintendents.	730	"	"			
(2).—Office Establishment. ...	151	"	"			
(3).—Travelling Allowances ...	24	"	"			
(4).—Contingencies ...	23	11	6	928	11	6
(b).—Station Staff—						
(1).—Station Masters, Clerks, Porters, Pointsmen, Gate-keepers of Level crossings, Signalmen, Station Servants, &c. ...	"	"	"	656	1	"
(c).—Train Staff—						
(1).—Guards and Assistant Guards...	"	"	"	70	"	"
(2).—Overtime Allowances ...	"	"	"			
2ND.—FUEL, LIGHTING, WATER AND GENERAL STORES.						
(1).—Fires, lights, water and general stores for Carriages, Stations, Offices, &c. ...				"	"	"
(2).—Wagon covers, Ropes, &c....				"	"	"
(3).—Office and Station fittings and furniture ...				"	"	"
3RD.—CLOTHING.						
For Guards, Porters, &c. ...						
4TH.—PRINTING, STATIONERY AND TICKETS.						
5TH.—HORSES, HARNESS, VANS, OMNIBUSES, PROVENDER, &c.—(including charges for delivery and collection of goods).						
6TH.—MISCELLANEOUS EXPENSES.						
7TH.—SERVICES OF OTHER LINES.						
(1).—Hire of Vehicles ...						
(2).—Mileage of foreign stock ...						
(3).—Use of Stations ...						
8TH.—UNCLASSIFIED EXPENDITURE.						
Loss on Stores, &c. ...						
TOTAL....				1962	7	5

1654 12 6
123 9 3

184 1 8

29. continued

ABSTRACT G.

Special and Miscellaneous Expenditure.

22

31st December 1870

	Rs.	A.	P.	Rs.	A.	P.
1ST.—LAW CHARGES.				1269	7	4
2ND.—COMPENSATION.						
(1).—Claims for Goods, &c. <i>by Post Master General for refund of amount paid for Carriage of parcels</i>	231	1				
(2).—Personal injury ...				231	1	
3RD.—RATES AND TAXES.						
4TH.—CONTRIBUTIONS TO SPECIAL FUNDS.						
(1).—Fire Insurance Fund						
TOTAL...				1500	8	4

29 continued

ABSTRACT E.

General Charges.

31st December 1870.

	Rs.	A.	P.	Rs.	A.	P.
1ST.—HOME EXPENDITURE						
(1).—Directors and Secretary ...	7831	6	5			
(2).—Auditors and Accountants...	220	"	"			
(3).—Consulting Engineer and Inspecting Officers' Fees and Travelling Allowances	1468	"	11			
(4).—Office Expenses ...	1542	"	"	11061	7	4
2ND.—SALARIES OF INDIAN MANAGEMENT, INCLUDING OFFICES.						
	Salaries.	Travelling Allowances.	Overtime.			
(1).—Agent's Office ...	2769	13	9			
(2).—Auditor's Office...	"	"	"			
(3).—Accountant's Office	"	"	"			
(4).—Paymaster's (Cashier's) Office ...	"	"	"			
(5).—Store Department	48	13	10			
(6).—Medical Department ...	"	"	"			
(7).—Rents ...				3264	4	10
(8).—Contingencies, including Furniture and Fittings						
(9).—Stationery				200	9	4
(10).—Medicine						
3RD.—POLICE.						
(1).—Supervision						
(2).—Constables						
(3).—Contingencies						
4TH.—ADVERTISING.						
5TH.—ELECTRIC TELEGRAPH.						
(1).—Salaries						
(2).—Working Establishment						
(3).—Travelling Expenses						
(4).—Office Expenses, Contingencies, &c. ...						
(5).—Maintenance, Labour, Stores						
6TH.—CLEARING ACCOUNTS WITH OTHER LINES.						
7TH.—UNCLASSIFIED EXPENDITURE.						
Loss on Stores, &c.						
TOTAL...				14543	2	2

No 10

ABSTRACT H.

Coaching Traffic.

31st December 1870. 23

27

	FIRST CLASS.		SECOND CLASS.		THIRD CLASS.		TOTAL.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		Rs. A. P.		Rs. A. P.		Rs. A. P.		Rs. A. P.
Mileage fares.								
1st.—PASSENGERS—								
Single journeys ✓	91	99 8	2115	1139 6	30516	11020 6	32722	12259 5
Excess fares ✓	3	3 9	17	23 5	79	20 11	99	47 9
Return journeys ✓	10	7 8	24	9	2430	607 8	2464	624
Season ticket-holders ✓								
Troops and Police...								
	104	110 9	2156	1171 11	33025	11648 10	35285	12930 14
2ND.—PASSENGERS' LUGGAGE.								
3RD.—MILITARY BAGGAGE								
4TH.—CARRIAGES, HORSES, DOGS, &c.								
(1).—Carriages...								
(2).—Horses								
(3).—Dogs								
5TH.—MILITARY CARRIAGES, HORSES, &c.								
(1).—Carriages...								
(2).—Horses								
(3).—Dogs								
6TH.—PARCELS.								
7TH.—SPECIAL TRAINS.								
8TH.—POST OFFICE.								
(1).—Haulage and Hire of Post Office Vehicles								
(2).—Special Trains								
(3).—Parcels								
TOTAL...								

Tons.

No.

Train miles.

TOTAL...

P. 10 continued

ABSTRACT I.

Goods Traffic.

31st December 1870

28

					Rate per Ton per mile.	Weight in Tons.	Amount.			
1ST.—MERCHANDISE, GENERAL.										
1st Class	✓	...	...	...	16 piers	864	1047	9	5	✓
2nd Class	✓	...	...	...	20 "	84	189	8	6	✓
3rd Class	✓	...	...	...	24 "	144	121	7	9	✓
4th Class	✓	...	...	...	36 "	39	167	8	10	✓
5th Class	✓	...	...	...	48 "	42	212	10	5	✓
Special	✓	...	...	...	12 "	243	266	14	10	✓
						1316	2005	11	9	✓
2ND.—GOVERNMENT STORES.										
3RD.—RAILWAY MATERIALS FOR CONSTRUCTION.						6	25	1		✓
4TH.—LIVE STOCK.										
(1).—Horses	...	...	...	...	"	"	"	"	"	✓
(2).—Cattle	...	...	...	...	"	"	"	"	"	✓
(3).—Sheep	...	...	...	...	No 2	3/4	1			✓
						3/4	1			✓
5TH.—GOVERNMENT LIVE STOCK.										
(1).—Horses	...	...	...	...	"	"	"	"	"	✓
(2).—Cattle	...	...	...	...	"	"	"	"	"	✓
(3).—Sheep	...	...	...	...	"	"	"	"	"	✓
6TH.—MINERALS.										
(1).—For the Public	...	...	...	...	"	"	"	"	"	✓
(2).—For the Company (construction only)	...	...	...	...	"	"	"	"	"	✓
7TH.—RENTS AND DEMURRAGE.							14			✓
8TH.—INTEREST ON OUTSTANDING BILLS.										
Less outstandings irrecoverable	...	...	...	...						
TOTAL...						1322 3/4	2033	"	9	✓

No 10 continued ABSTRACT K.

Sundries.

25
31 December 1870.

						Amount.		
						Rs.	A.	P.
Interest on Revenue balances deposited with Government	...	...	...	...	...	135	1	✓
Hire of Locomotives	...	...	...	...	...	"	1	✓
Hire of Vehicles	...	...	...	...	...	"	1	✓
Mileage of Vehicles and Sheets over foreign lines	...	...	...	...	...	"	1	✓
Use of Stations jointly occupied	...	...	...	...	...	"	1	✓
Clearing accounts with other lines	...	...	...	...	...	"	1	✓
Tolls on Bridges	...	...	...	...	...	103	1	✓
Rents of Dwelling-houses	...	...	...	...	...	"	1	✓
" Refreshment Rooms	...	...	...	...	...	152	4	✓
Fees on Share Transfers, &c.	...	...	...	...	...	"	1	✓
Sale of unclaimed Goods	...	...	...	...	...	"	1	✓
Sale of Revenue Stores condemned	...	...	...	...	...	"	1	✓
1. Maintenance	...	...	...	...	...			
2. Locomotive	...	...	...	...	...			
3. Carriage and Wagon	...	...	...	...	...			
4. Traffic —	...	...	...	...	...			
5. General—	...	...	...	...	...			
TOTAL...						390	7	3✓

No 11

FIRE INSURANCE FUND.

				Rs.	A.	P.					Rs.	A.	P.
To Amount paid for Loss by Fire as per Revenue Account.							By Balance in hand on						
							Interest on Government Paper...						
							Contribution for Half-year as per Abstract G.						
To Balance in hand on				...	...	...							
TOTAL...							TOTAL...						

David S. Newark 1872

Trans. West. 1st L. 1872

J. M. 1872

7

Died at

Cash per Laid 188. 14- 3- 21st Dec 1870
do 257-18- 1- do 1859

and Stations. 189.
 sep. 1. 1891. 189. 189.

Signed J. T. Fisher
Agent and Manager

1844

Handwritten text at the top left.

Handwritten text at the top right.

Handwritten text in the middle left.

Handwritten text in the middle right.

Handwritten musical notation on staves, including notes and clefs.

Handwritten text below the musical notation.

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14/12.

24

Carnatic Railway Company.

Statement of Engine and Rolling Stock for half-year ending 31st December 1870.

Description

Description	Total Stock	Total Stock	Additional	Total Stock	Actual	Repairs and Renewals				Average
	authorized	constructed	Stock during	Construction	Stock run-	Total No. of Vehicles renewed during the half-year	Total No. of Vehicles repaired during the half-year	Total No. of Vehicles undergoing repairs on 31 st Dec 1870	Total No. of Vehicles undergoing repairs on 31 st Dec 1870	undergoing repairs and renewals at any one time.
	up to date	against au-	thorization up to year	thorization up to year	31 st Dec 1870	31 st Dec 1870	half year	half year	31 st Dec 1870	31 st Dec 1870

Engines	4
First class carriages	3
Composites	4
Second class carriages	10
Third class carriages	16
Brakes & Pans	3
Goods Wagons	40

80

Madras
28th March
1871

Signed J. J. Fisher
Agent and Manager

Attest Capt CC
By Cons: Cops for 1870

34 27

Statement of Train Mileage for half year ending 31st Dec^r 1871

Hours of assisting Engines _____
 of hunting piloting &c _____
 Miscellaneous Services _____

Signed J. J. Fisher
Agent and Manager

Madero
28 March
1871

Chas. C. Smith Capt. Co.
Seymour: Aug. 1st 1862

General J. B. ...

...

...

...

14/11/71
F.W. ...
L.L.

...

...

1870

Carnatic Railway

35

Dr Balance sheet for the half year ending 31st December 1870

3 Cash	12 13 11 1/2	27 Board of Directors London	7 11 37 0 12 8 1/2
167 Net Revenue Account	44 91 13 10 1/2	141 Suspense account	90 " "
179 Traffic Cash	9 10 1 8 1/2	169 Fines	14 14 11 1/2
184 Chief Engineer	3 27 10 11 1/2	173 Revenue advance account	2 16 " 9 1/2
188 Government revenue account	19 44 3 5 7 1/2	176 Madras Railway Co	85 7 1/2
189 Stores	57 22 9 1 10 1/2	177 Revenue Establishment	22 42 11 1/2
200 Bank of Madras	72 77 11 3 1/2	180 Capital advance account	6 57 2 4 1/2
201 Capital account	62 38 42 2 4 1/2	182 Government Capital account	44 25 9 15 1/2
202 Stores in transit	51 99 7 8 " 1/2	186 Guarantee Fund	7 50 " "
203 Through traffic account	85 7 " 1 19 1/2	191 Income Tax	15 10 1/2
	76 56 17 12 4 1/2		76 56 17 12 4 1/2

Signed: W. A. Thompson
Book keeper

Signed: F. G. Hankin Mafot
Govt Examiner for Ry. accts.

Signed: J. S. Fisher
Agent and Manager

Madras
23rd March
1881

Attest
Capt R B
Secy Genl: Ceyl for Ry

Certificate respecting the Permanent Way

I hereby certify that the whole of the Company's Permanent Way, Stations, Buildings, Telegraph Fencing &c have during the past half year been maintained in good working condition and repair

(Signed) A. Lea Hair
Superintendent

Certificate respecting the Rolling Stock

I hereby certify that the whole of the Company's Plant, Engines, Carriages, Wagons, Machinery and Tools, and other stock, having during the past half year been maintained in good working order and repair.

(Signed) A. Lea Hair
Superintendent

I hereby certify that the certificates given above by the Railway officials are correct.

MADRAS
24 March
1871

C. L. Smith Capt. R.E.
 Dy. S. for Railway

P.W. 121
24 March 1871
L 2732

No 958

use date the 31st March 71

Chgo 11/11

Ordered that these
papers be forwarded to
the Government of India.

H. E. Es. dated

To.
The Secy. Engineer for
Railways

No 959 -
The Secy. to the Govt of
India P. M. S.

he-s-dep 23/3/71

Sir

I am directed to
forward for submission
to the Government of
India, a copy of the
Annual Account of the
Carnatic Railway Com-
pany for the half-year
ending

T.W. 14/11/71
From 31 March 71 L 1873

