(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	880-881	Press
~~B.P. No.~~ 498. 500.		Mis.
Dated	20. 3.	1873.

Not to be folded or roughly handled

No. 498. Read the following letter from the Consulting Engineer for Railways to the Secretary to Government, Public Works Department, dated Madras, 15th February 1873, No. 106:—

I HAVE the honour to forward, herewith, the statistical review of the Revenue Account of the Madras Railway Company for the half-year ending 30th June 1872.

2. Owing to the expenditure on the Cheyaur Bridge being carried to a Suspense Account, in accordance with the Order of the Government of India, No. 824-A-R, communicated in G. O., No. 70, of 11th January 1872, some discrepancies occur in the amounts shown in different tables as working expenses.

3. In Table A the total working expenses exceed the amount shown in Table M-II by Rupees 62,661, which is the amount carried in the present half-year directly to the Suspense Account.

4. In Abstract A of the Revenue Account the sum of Rupees 1,16,880 is deducted. This is the amount expended under this head previously to the half-year under review on account of the Cheyaur Bridge, and, as this is now included in Form No. 8 under the head "Cheyaur Bridge Restoration" (1,16,880 + 62,661 = 1,79,541), it has to be deducted from the abstract of present half-year. The amount, however, shown in Table E under the head "Maintenance of Way, Works, and [illegible]ons" is the correct expenditure under this head for the half-year under review.

MADRAS RAILWAY.

TABLE A.

General Statement of Working of half-year ending 30th June 1872.

Traffic.			Passengers carried and Tons of Goods carried.		Earnings.		Percentage of Total Earnings contributed by each description of traffic.
			Number.	Per cent. of total number and total tonnage.	Amount.	Per cent. of Total Earnings from Coaching and from Goods.	
					RS.		
Coaching.	Passengers.	1st Class...	4,906	0·39	69,510	5·81	37·76
		2nd ,, ...	57,335	4·57	84,369	7·05	
		3rd ,, ...	1,041,597	83·10	8,38,555	70·11	
		4th ,, ...	149,532	11·94	58,182	4·92	
	Miscellaneous earnings...		...	...	1,44,939	12·11	
	Total...		1,253,370	100·0	11,95,555	100·0	...
			TONS.				
Goods...	General Merchandize.	Special ...	69,582	38·31	5,00,467	27·05	58·44
		1st Class..	63,398	34·89	5,26,192	28·44	
		2nd ,, ...	21,850	12·03	2,61,694	14·14	
		3rd ,, ...	13,894	7·64	2,17,946	11·78	
		4th ,, ...	5,292	2·92	1,52,615	8·24	
		5th ,, ...	3,547	1·96	1,22,347	6·61	
	Government stores ...		1,224	0·67	38,855	2·11	
	Railway materials ...		2,860	1·58	14,337	0·78	
	Minerals		...	...	...	...	
	Miscellaneous earnings ...		...	...	15,715	0·85	
	Total...		181,647	100·0	18,50,168	100·0	...
Miscellaneous, including Electric Telegraph and sundries			...	...	1,20,466	...	3·80
Total...			...	...	31,66,189	...	...
Less outstandings irrecoverable ...			...	...	...	...	...
Grand Total...			...	...	31,66,189	...	100·0

General Statement of Working of half-year ending 30th June 1872—(Continued.)

Financial results.	Coaching.			Goods.			Total (including miscellaneous earnings) and less irrecoverable outstandings.			Percentage of profits on paid-up Capital.
	Total.	Per Passenger Train Mile.*	Per open Mile per week.	Total.	Per Goods Train Mile.*	Per open Mile per week.	Total.	Per Total Train Mile.	Per open Mile per week.	
	Rs.	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs.	
Earnings ...	11,95,555	3 11 9	55·267	18,50,168	3 11 5	146·366	31,66,189	3 11 4	146·366	1·54
Expenses (M-II, page 14).	5,49,818	1 11 6	25·417	10,29,684	2 1 1	75·915	16,42,163	1 14 9	75·915	
Profits	6,45,737	2 0 3	29·850	8,20,484	1 10 4	70·451	15,24,026	1 12 7	70·451	
Percentage of expenses to earnings ...	45·98	...	...	55·65	...	...	51·86	...	...	

N. B.—Where "ton mileage" is mentioned it invariably refers to the total ton mileage (Table M.-I. 22*l*, page 13).

* These divisions include mixed train mileage, which is obtained by dividing the total number of passenger vehicle miles run in mixed trains by the average number of vehicles in a passenger train and the total number of goods vehicle miles in such trains by the average number of vehicles in goods train.

A similar process will enable composite vehicles to be represented in terms of the vehicles of each class in such composite vehicles. Thus, a carriage containing one first and two second-class compartments is reckoned as half of a first-class carriage and two-thirds of a second-class carriage. Vehicles of which a portion is given up to Post Office purposes are to be treated in the same way.

Proceedings of the Madras Government, Public Works Department,
20th March 1873.

General Statement of Working of half-year ending 30th June 1872—(Concluded.)

Haulage.	Passenger.	Goods.	Mixed.	Total.
Number of Trains run for public traffic ...	235	1,647	4,062	5,944
Train Mileage (D.-I., 1, page 7)	15,857	177,891	659,796	853,544
Gross Ton Mileage (M.-I. 22*l*, page 17) ...	...	...	...	161,750,445

Average composition of Trains.	Average number of Vehicles.			Average number of Seats per Vehicle.		Average Weight of Trains.	
	Passenger Trains.	Goods Trains.	Mixed Trains.	Provided.	Used.	Freight or live load.	Dead load, exclusive of Engine and Tender and Brakes.
						Tons.	Tons.
Passenger ... 1st Class	1·071	0·006	0·695	11·401	1·708	5·139	33·690
Passenger ... 2nd ,, ...	3·752	0·021	1·183	40·000	3·578		
Passenger ... 3rd ,, ...	4·897	0 610	3·005	50·393	24·371		
Passenger ... 4th ,, ...	0·013	0·007	0·307	50·000	20·962		
Passenger ... Others (including Brakes)	1·938	0·502	1·326	...	...		
Goods—(*Vehicles of all kinds including Brakes*)	2·652	18·124	9·376	Carrying capacity in tons. 1·25 to 6·50 According to the nature of goods.		35·546	58·889
	14·323	19·300	15·082			40·685	92·579

N. B.—For average load per vehicle see page 16.

Open Mileage on 30th June 1872 exclusive of sidings.			Mean mileage worked.	Average number of stations maintained.	Capital expended on open mileage inclusive of rolling stock.	Cost per mile open.	Total length of the following gradients—			Steepest gradients worked by			
										Fixed power.		Locomotives.	
Single.	Double.	Total.					1/100 and less.	1/101 to 1/200.	1/201 to 1/300.	Length.	Inclination.	Length.	Inclination.
					£	£	M. CH. L.	M. CH. L.	M. CH. L.	M. CH.		M. CH.	
832	.....	832	832	79	9,040,715	10,866	63 58 57	200 57 03	121 74 87	...	...	0·65	1 in 60

TABLE B.

Statement showing in comparison the Coaching Traffic of the half-years ending 30th June 1871 and 30th June 1872.

Reference to Revenue Account.		Details.	Number.		Fare per Mile.		Receipts.		Average Mileage.	
Table and Main Head.	Sub-head.		1st half of 1871.	1st half of 1872.	1st half of 1871.	1st half of 1872.	1st half of 1871.	1st half of 1872.	1st half of 1871.	1st half of 1872.
							Rs.	Rs.		
X (H.) 1	...	1st Class Passengers—								
		Single Journey ...	3,033	2,897	Day, 18 Pies. Night, 22 ,,	Day, 18 Pies. Night, 22 ,,	45,772	49,391	... ...	176·55
		Excess Fares ...	110	...			603	426	... ...	...
		Return Journey...	2,244	1,934			18,141	17,565	... ...	150·13
		Troops and Police.	36	52			1,079	1,228	...	...
		Total...	5,313	4,883	...	...	65,594	68,610	148·4	166·01
		Season Tickets...	1	23	...	...	...	900	...	...

Statement showing in comparison the Coaching Traffic, etc.—(Concluded.)

Reference to Revenue Account. Table and Main Head.	Sub-head.	Details.	Number. 1st half of 1871.	Number. 1st half of 1872.	Fare per Mile. 1st half of 1871.	Fare per Mile. 1st half of 1872.	Receipts. 1st half of 1871.	Receipts. 1st half of 1872.	Average Mileage. 1st half of 1871.	Average Mileage. 1st half of 1872.
1	...	2nd Class—			Day, 5 Pies; between Coimbatore and Beypore, 4 Pies. Night, 12 Pies, with a special charge of 5 Pies for servants of first-class passengers.		Rs.	Rs.		
		Single Journey ...	52,335	54,669			79,964	77,208	...	51·84
		Excess Fares ...	444	...			527	305	...	...
		Return Journey...	3,072	2,244			4,297	3,090	...	73·14
		Troops and Police.	349	389			2,266	2,939	...	...
		Total...	55,756	57,302	...	...	87,054	83,542	57·4	52·67
		Season Tickets...	...	33	...	...	...	827	...	...
1	...	3rd Class—								
		Single Journey ...	843,491	949,196	3 Pies.	Day, 3 Pies. Night, 4 Pies.	6,71,003	7,74,025	...	52·27
		Excess Fares ...	8,516	...			2,235	2,447	...	...
		Return Journey...	67,610	79,896			22,017	28,252	...	34·05
		Troops and Police.	10,595	12,505			24,864	33,831	...	...
		Total...	921,696	1,041,597	...	...	7,20,119	8,38,555	50·3	50·87
1	...	4th Class—								
		Single Journey ...	123,676	149,532	2 Pies.	2 Pies.	48,735	58,182	...	36·95
		Excess Fares ...	...	...			...	...	...	...
		Return Journey...	...	...			...	...	...	...
		Troops and Police.	...	...			...	...	...	...
		Total...	123,676	149,532	...	...	48,735	58,182	37·1	36·95
2	...	Passengers' Luggage.	T. Ms. 70,614	T. Ms. 57,611	...	...	20,435	17,160	133·9	154·04
3	...	Military Baggage ...	19,250	21,687	...	...	5,413	6,176	...	243·67
4	1	Public.. Carriages...	No. 406	No. 285	...	...				
	2	Horses ...	1,348	1,130	...	...	8,722	7,294	...	193·17
	3	Dogs ...	1,648	1,525	...	...	20,482	18,870	...	214·45
5	1	Military Carriages..	2	...	...	...	2,401	2,218	...	172·67
	2	Horses ...	29	27	...	...	48	...	168·9	...
	3	Dogs ...	...	25	...	...	670	504	213·2	233·59
6	...	Parcels	T. Ms. 29,188	T. Ms. 121,196	...	...	...	14	...	326·72
7	...	Special Trains ...	No. ...	No. 31	...	...	49,144	43,998	150·5	162·24
		Corpses ...	...	2	...	...	40,021	47,531	...	176·52
		Post Office—					...	124	...	124·50
8	1	Haulage and hire of Post Office Vehicles ...	...	...	...	...				
	2	Special Trains ...	...	...	...	...	...	...	...	...
	3	Parcels	...	...	...	...	...	...	...	...
		Total...	...	...	...	...	*1,709	1,050	...	...
		Grand Total...	...	...	...	...	1,49,045	1,44,939	...	...
							0,70,547	11,95,555	...	...

TABLE C.

Statement showing in comparison the Goods Traffic of the half-years ending 30th June 1871 and 30th June 1872.

Reference to Revenue Account. Table and Main Head.	Sub-head.	—	Quantity. 1st half of 1871. Up.	Down.	1st half of 1872. Up.	Down.	Rate per Ton Mile. 1st half of 1871.	1st half of 1872.	Receipts. 1st half of 1871.	1st half of 1872.	Average Mileage. 1st half of 1871.	1st half of 1872.
(1.) 1	...	General Merchandize—	Ton miles.	Ton ms.	Ton miles.	Ton miles.	Pies.	Pies.	Rs.	Rs.		
		Special Class ...	1,693,867	1,033,463	7,385,238	4,903,829	7·84	7·81	1,11,477	5,00,467	187·86	176·61
		1st ,, ...	7,837,989	3,152,090	5,659,267	3,880,399	9·64	10·59	5,51,881	5,26,192	147·81	150·47
		2nd ,, ...	1,298,632	2,495,449	1,283,439	2,276,776	14·39	14·11	2,84,320	2,61,694	151·58	162·94
		3rd ,, ...	921,533	2,260,661	912,982	1,461,551	16·85	17·61	2,79,410	2,17,946	181·54	171·41
		4th ,, ...	746,402	306,339	857,427	818,536	23·49	24·91	1,23,802	1,52,615	189·41	222 21
		5th ,, ...	311,528	357,361	330,818	293,496	38·21	37·63	1,33,125	1,22,347	188·84	173·01
		Total...	12,809,951	9,605,363	15,936,171	13,634,587	...	...	14,89,015	17,81,261	...	166·53

Statement showing in comparison the Goods Traffic of the half-years ending 30th June 1871 and 30th June 1872—(Concluded.)

Reference to Revenue Account. Table and Main Head.	Sub-head.	—	Quantity. 1st half of 1871. Up.	Down.	1st half of 1872. Up.	Down.	Rate per Ton Mile. 1st half of 1871.	1st half of 1872.	Receipts. 1st half of 1871.	1st half of 1872.	Average Mileage. 1st half of 1871.	1st half of 1872.
2	...	Military Stores.	Ton miles. 46,027	Ton ms. 21,434	Ton ms. 237,973	Ton ms. 18,971	Pies. 29 25	Pies. 23 54	Rs. 10,737	Rs. 38,855	189·41	258·94
3	...	Railway Materials for construction ...	1,048,653	303,532	160,921	116,271	15·02	9·93	1,05,801	14,337	144·59	96·92
6	...	Minerals—										
		For the public.	...	...	...	...	...	...	...	...	...	...
		Do. Company.	...	...	...	...	...	...	...	...	...	...
		(Construction only)	...	...	...	...	...	...	...	...	...	...
		Total...	1,094,680	327,966	458,894	135,242	...	...	1,16,538	53,192	...	...
		Grand Total...	...	...	...	...	...	...	16,19,256	18,50,168	...	145·47
							Rate per animal per mile.					
4	...	Live Stock—	Miles.	Miles.	Miles.	Miles.	Pies.	Pies.				
		Horses ...	17,482	43,918	104,165	28,759	9·34	7·54	2,999	5,225	213·20	339·09
		Cattle ...	27,415	66,443	41,148	53,947	5·17	4·30	2,530	2,133	190·38	193·68
		Sheep ...	66,819	76,663	67,505	116,905	0·90	0 72	676	698	83·42	112 37
5	...	Military Live Stock—										
		Horses ..	42,001	32,620	65,402	...	7·64	7·19	3,113	2,448	213·20	378·04
		Cattle ...	952	190	272	272	13 61	12·00	81	34	190·38	136 00
		Sheep ...	...	...	...	...	...	...	...	...	...	...
7	...	Rents and demurrage, wharfage and storage, etc. ...	...	...	...	...	...	...	3,902	4,316	...	...
8	...	Interest on outstanding Bills...	...	...	...	...	...	...	411	861	...	...
		Total...	154,669	219,834	278,492	199,883	...	...	13,703	15,715	...	...

TABLE C-I.

Comparative Statement showing the Weight and Earnings of the principal Commodities carried during the above half-years.

Description.	Quantity. 1st half of 1871.	1st half of 1872.	Receipts. 1st half of 1871.	1st half of 1872.	Increase in quantity.	Decrease in quantity.	Increase in receipts.	Decrease in receipts.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Baggage (Military)... ...	181	143	8,536	3,547	...	38	...	12
Ballast and Stones	1,693	1,302	6,583	5,491	...	391	...	1,092
Bamboos	2,147	2,162	11,740	10,154	15	...	...	1,586
Beer	372	392	8,159	7,437	20	...	...	722
Betel Nut	2,219	2,313	28,913	27,559	94	...	...	1,384
Brass and Copper	159	327	2,273	4,485	168	...	2,212	...
Charcoal, Coke, and Coal ...	367	540	3,560	4,055	173	...	495	...
Chillies	1,214	1,469	7,741	10,228	255	...	2,487	...
Chunam and Lime ...	595	641	1,030	1,203	46	...	173	...
Cloths and Piece Goods ...	1,707	2,050	44,983	54,068	343	...	9,085	...
Cocoanuts	439	806	3,563	12,783	367	...	9,220	...
Coffee	5,198	3,540	90,875	55,419	...	1,658	...	35,456
Commissariat Stores ...	1	742	99	17,368	741	...	17,269	...
Cotton, loose	1,877	2,640	63,297	50,806	763	...	...	11,491
Do. do. A pressed ...	866	1,692	33,901	70,102	826	...	37,201	...
Do. do. B do. ...	3,814	689	72,178	22,998	...	2,625	...	49,175
Do. do. C do. ...	...	23	...	696	23	...	696	...
Do. do. D do. ...	...	2,861	...	45,378	2,361	...	45,378	...
Do. do. E do ...	...	1,491	...	28,147	1,491	...	28,147	...
Dye or Red Wood	369	1,737	2,127	10,888	1,368	...	8,761	...
Firewood	5,224	5,858	21,484	20,522	634	...	...	962
Fruits and Vegetables ...	1,042	1,213	9,582	10,842	171	...	1,260	...
Furniture	37	46	1,111	1,255	9	...	144	...
Ghee	629	734	10,707	13,319	105	...	2,612	...
Gram	10,136	12,034	74,637	78,949	1,898	...	4,312	...
Grains	773	3,130	7,878	17 947	2,357	...	10,069	...
Ground Nuts	403	1,614	1,912	11,041	1,206	...	9,129	...
Gunnies	1,509	1,854	18,080	23,163	345	...	5,083	...
Hay	3	12	23	38	9	...	15	...
Indigo	631	585	12,099	10,684	...	46	...	1,415
Iron of all kinds	2,964	3,025	47,073	44,980	61	...	...	2,093
Jaggery	2,195	3,395	17,449	24,612	1,200	...	7,163	...
Luggage	238	321	6,258	8,119	83	...	1,861	...

Comparative Statement showing the Weight and Earnings of the principal Commodities, etc.—(Concluded.)

Description.	Quantity. 1st half of 1871.	Quantity. 1st half of 1872.	Receipts. 1st half of 1871.	Receipts. 1st half of 1872.	Increase in quantity.	Decrease in quantity.	Increase in receipts.	Decrease in receipts.
	TONS.	TONS.	RS.	RS.	TONS.	TONS.	RS.	RS.
Oil of all kinds	3,383	3,277	32,248	38,178	...	106	5,930	...
Ordnance Stores	189	335	7,07[illegible]	17,837	146	...	10,765	...
Paddy	1,072	2,173	4,18[illegible]	13,464	1,101	...	9,276	...
Pitch, Tar, and Asphalte ...	24	51	35[illegible]	696	27	...	343	...
Potatoes	1,454	1,358	18,004	17,385	...	96	...	619
Powder and Ammunition ...	35	12	2,4[illegible]	887	...	23	...	1,529
Raggy	1,645	4,860	13,069	38,788	3,155	...	25,719	...
Rice	23,770	38,200	1,95,886	3,10,950	14,430	...	1,15,064	...
Salt	22,279	21,695	1,64,72[illegible]	1,51,368	...	584	...	13,353
Saltpetre	917	1,228	9,045	13,067	311	...	4,022	...
Seeds of all kinds	176	555	3,331	10,272	379	...	6,941	...
Skins	4,363	5,415	46,608	45,253	1,052	...	...	1,355
Sugar of all kinds	1,851	3,257	30,239	48,506	1,406	...	18,267	...
Sundries	1,446	2,826	13,981	23,819	1,380	...	9,838	...
Tamarind	17,072	18,628	2,27,360	2,52,456	1,556	...	25,096	...
Timber	3,766	3,735	23,174	20,902	...	31	...	2,272
Tobacco	4,115	5,841	26,695	42,277	1,726	...	15,582	...
Twist	2,231	2,432	14,316	18,383	201	...	4,067	...
Wines and Spirituous Liquors ...	1,241	1,416	31,490	35,451	205	...	3,961	...
	1,360	641	24,650	11,894	...	719	...	12,756
Total...	140,896	178,786	14,99,752	18,20,116	44,207	6,317	4,57,643	1,37,279

TABLE D.

Statement of Mileage maintained from Revenue Funds.

Reference to Revenue Account. Table and Main Head.	Sub-head.	Details.	1st half of 1871. Departmentally	1st half of 1871. By contract.	1st half of 1871. Total.	1st half of 1872. Departmentally	1st half of 1872. By contract.	1st half of 1872. Total.	Total increase.	Total decrease.
IX. (A.)	...	1. 2. 3. Mean miles of line maintained. Single...	677½	...	677½	707½	...	707½	30	...
		Double..	...	...	...	...	...	...	...	...
		Total...	677½	...	677½	707½	...	707½	30	...
		4. ,, Sidings maintained, Total...	77½	...	77½	81½	...	81½	4	...
		5. ,, Single Track Total, including Sidings.	754½	...	754½	788½	...	788½	34	...

TABLE D.-I.

Statement of Train Mileage.

No.	Details. Reference to Revenue Account.	Train Miles run for * Traffic Department. XIV-1.	Locomotive Department. XIV-2.	Maintenance Department. XIV-3.	Hours of Assisting Engines. XIV-4.	Shunting, Piloting, etc. XIV-5.	Miscellaneous Services. XIV-6.
1	1st half, 1871 ... Passenger. Goods. Mixed.	813,647	52,540	87,130	19	18,881	2,099
	Total...	813,647	52,540	87,130	19	18,881	2,099

* The division between passenger, goods, and mixed trains need only be carried out, unless desired for local purposes, in the train mileage run for the Traffic Department, which is the train mileage to be used for the purposes of calculation.

Statement of Train Mileage—(Concluded.)

No.	Details.	Train Miles run for *Traffic Department. XIV-1.	Locomotive Department. XIV-2.	Maintenance Department. XIV-3.	Hours of Assisting Engines. XIV-4.	Shunting, Piloting, etc. XIV-5.	Miscellaneous Services. XIV-6.
2	1st half of 1872... Passenger ... Goods ... Mixed ... 15,857 177,891 659,796	853,544	24,137	37,433	18	19,074	2,238
	Total ...	853,544	24,137	37,433	18	19,074	2,238
3	Increase in 1872. Passenger Goods. Mixed.	39,897	...	...	...	193	199
	Total ...	39,897	...	...	...	193	199
4	Decrease in 1872. Passenger. Goods. Mixed.	...	23,403	49,697	1	...	...
	Total ...	...	23,403	49,697	1	...	...

* The division between passenger, goods, and mixed trains need only be carried out, unless desired for local purposes, in the train mileage run for the Traffic Department, which is the train mileage to be used for the purposes of calculation.

TABLE E.

Maintenance of Way, Works, and Stations.

Reference to Revenue Account. Table and Main Head.	Sub-head.	Details.	1st half of 1871. Total.	1st half of 1872. Total.	1st half of 1872. Increase.	1st half of 1872. Decrease.
XIV.	...	Train Mileage run for Traffic Department (D.-I. xiv. 1)	813,647	853,544	39,897	...
		Ton Mileage, do. do. (M.-1)	150,744,512	161,750,445	11,005,933	...

		Details.	1st half of 1871. Total.	1st half of 1872. Total.	Increase.	Decrease	Per mile of line maintained, D-3.	Per mile of tract including sidings, D-5.	Per Train Mile.	Per 1,000 Ton Miles.
IX. (A.) 1.		SUPERINTENDENCE—	RS.	RS.	RS.	RS.	RS.	RS.	AS.	RS.
	1 & 2	Engineer's salaries and allowances	31,064	47,768	16,704	...	67·541	60·581	0·895	0·295
	3 to 5	Inspectors' and Platelayers' salaries and allowances, including overtime ...	12,849	19,360	6,511	...	27·374	24·553	0·363	0·120
	6	Office expenses	8,891	22,604	13,713	...	31·961	28·667	0·424	0·140
		MAINTENANCE AND RENEWALS OF PERMANENT WAY—								
	2 1	Wages	1,30,357	1,25,111	...	5,246	176·898	158·669	2·345	0·773
	2	Materials	1,02,055	98,033	...	4,022	138·611	124·329	1·838	0·606
		REPAIRS OF BRIDGES, ETC.— WAGES AND MATERIALS—								
	3 1	Bridges and Tunnels ...	1,30,095	78,205	...	51,890	110·576	99·182	1·466	0·484
	2	Miscellaneous ...	28,358	23,643	...	4,715	33·429	29·985	0·443	0·146
		REPAIRS OF STATIONS AND BUILDINGS—WAGES AND MATERIALS—								
	4 1	Repairs of all except Staff quarters	24,009	23,152	...	857	32·735	29·362	0·434	0·143
	2	Repairs of Staff quarters...	6,293	5,354	...	939	7·570	6·790	0·100	0·033
	5 ...	MAINTENANCE BY CONTRACT ...	...	...	...	...	...	...	...	...
		UNCLASSIFIED EXPENDITURE—								
	1	Plantations	...	...	...	...	...	...	...	...
	6 2	Tools and Plant	20,738	7,441	...	13,297	10·521	9	0·140	0·046
	3	Loss on stores, etc. ...	...	...	...	...	...	...	...	...
		Total...	4,94,709	4,50,671	36,928	80,966	637·216	55	8·448	2·786

Deduct sum chargeable to Cheyaur Bridge restoration..... 1,16,880

3,33,791, which is the amount shown under this head in Form No. 8 of Revenue Account.

TABLE E.-I.
Maintenance of Way.
RAILS.

No.	Details.	Double Headed. 65 lbs.	Double Headed. 75 lbs.	Double Headed. 84 lbs.	Steel, 75 lbs.	Bridges.	Total.
		M.	M.	M.	M.	M.	M.
1	Miles of rail in way, including sidings (miles and decimals of a mile)	676·55 Yds.	945·49 Yds.	141·12 Yds.	65 29 Yds.	0·17 Yds.	1,828 62 Yds.
2	Average age of rails in way at the middle of the half-year (years and decimals of a year)	9·17 M.	6·38 M.	9·06 M.	2·83 M.	6·09 M.	... 877 M.
3	Rails inverted { Number	363 M.	336 M.	179 M.	... M.	... M.	8 33 M.
	Rails inverted { Miles (and decimals of a Mile) ...	1·37	1·28	0·67	...	...	0·49
4	Proportion inverted per mile of (1) rail ...	0·53	0·35	1·26	38	...	259
5	Rails renewed { Number	45	39	137	0·14	...	0·98
	Rails renewed { Miles (and decimals of a mile) ...	0 17	0·15	0 52	0·58	...	0·14
6	Proportion renewed per mile of (1) rail ...	0·06	0·04	0·97	Not recorded.		
7	Average number of tons hauled over each kind of rail in the half-year				Do.		
8	Thousands of tons hauled on an average over each kind of rail during the average age of rails in way (2) ...						

N. B.—One of the objects of this table is to endeavour to ascertain the relation between the lives of different kinds of rails and the duty done by them. Other tables show the speed of trains and the greatest weight brought on any point of the rails. By an accurate record of these facts it is hoped that useful deductions may be made. The average age of the rails in the way (2) must be, in the first instance, calculated by noting the dates on which the different lengths of line were opened and the subsequent renewals of each kind of rail in each half-year, supposing the latter to have taken place in the middle of each half-year. After this has once been ascertained the entries for future periods can be easily calculated. The entries for the different kinds of rails under (7) will agree or vary according as the train service over the line is uniform or not. Where the record of ton mileage is kept in districts the absolute facts are available. Where this is not done but the traffic is nevertheless variable the weight hauled over any part of the line can be approximately found by noting the number of trains that have been run on it and multiplying this by the average gross weight of a train including the engine and tender. The average of these district results will give the general figures for each kind of rail. The entries under (8) will be the sums of the weights recorded for the immediately preceding half-years.

TABLE E.-II.
Maintenance of Way.
SLEEPERS.

No.	Details.	Teak. 10′ × 10″ × 5″.	Teak. 10′ × 12″ × 6″.	Teak. 12′ × 12″ × 6″.	Teak. 14′ × 12″ × 6″.	Teak. 16′ × 12″ × 6″.	Wood. 16′ × 12″ × 6″.	Jungle. 10′ × 9″ × 5″.	Jungle. 10′ × 10″ × 5″.	Jungle. 10′ × 12″ × 6″.	Iron Bowls, 84 lbs.	Total.
		No. Yds.	No. Yds.	No. Yds.	No. Yds.	No. Yds.	No. Yds.	No. Yds.	No. Yds.	No. Yds.	No. Yds.	No. Yds.
1	Number of sleepers in way, including sidings ...	12,175	606	4,118	310	117	53,304	203,470	535	2,491,430		
2	*Average age of sleepers in way at the middle of half-year (years and decimals of a year)...	6·37	1·12	5·74	1·12	1·12	5·04	8·94	1·12	5·73		
3	Number renewed ...	No. 209	...	33	...	...	509	10,734	...	8,573		
4	Do. per cent. of (1)...	1·71	...	0·95	...	...	0·93	5·27	...	0·34		

* Since receipt by Store Department.

TABLE F.
Locomotive Department Expenses.

Reference to Revenue Account. Table and Main Head.	Sub-head.		1st half of 1871. Total.	1st half of 1872. Total.	Increase.	Decrease.
XIV.	...	Train Mileage (D.-1, I. page 7) ...	813,647	853,544	39,897	...
		Ton Mileage (M.-I. 22, page 16) ...	150,744,512	161,750,445	11,005,933	...

Reference to Revenue Account. Table and Main Head.	Sub-head.	Details.	1st half of 1871. Total.	1st half of 1872. Total.	Increase.	Decrease.	Per Train Mile.	Per 1,000 Ton Miles.
			Rs.	Rs.	Rs.	Rs.	As.	Rs.
IX. (B.) 1.	1 & 2	General Superintendence— Salaries of Locomotive Superintendents and Assistants, including allowances	9,833	13,299	3,466	...	0·249	0·082
	3 to 5	Do. of Foremen, including allowances and overtime	20,363	29,209	8,846	...	0·547	0·181
	6	Office expenses	13,263	13,908	645	...	0·261	0·086
		Running Expenses—						
	1 & 2	Wages of Drivers and Firemen, including overtime	91,180	85,693	...	5,487	1·606	0·529
	3	Fuelling, cleaning, and looking after engines	17,298	16,214	...	1,084	0·304	0·100
	4	Contingent expenses	1,138	340	...	798	0·006	0·002
		Fuel—						
	1	Coal	35,667	58,708	23,041	...	1·100	0·363
	2	Coke	87,401	24,807	...	62,597	0·466	0·153
	3	Patent Fuel	14,444	31,298	16,854	...	0·587	0·194
	4	Wood	1,05,128	1,08,990	3,862	...	2·043	0·674
	1, 2, & 3	Water	13,219	13,446	227	...	0·252	0·083
	...	Oil, Tallow, etc.	11,698	10,869	...	829	0·204	0·067
		Maintenance and Renewals—						
	1 & 2	Wages, including overtime ...	77,296	78,228	933	...	1·466	0·484
	3	Materials	60,776	67,495	6,719	...	1·265	0·417
	...	Services of other Lines... ...	294	...	...	294	...	...
	...	Unclassified expenditure ...	...	...	...	...	...	...
		Total...	5,59,001	5,52,504	64,592	71,089	10·356	3·415

Reference to Revenue Account. Table and Main Head.	Sub-head.		Total quantity.	Total quantity.	Increase.	Decrease.	Quantity per Train Mile.	Quantity per 1,000 Ton Miles.
			tons.	tons.	tons.	tons.	lbs.	lbs.
XI. (B.) 3	1	Coal consumed	1,544	3,262	1,718	...	8·560	45·173
	2	Coke do.	2,658	775	...	1,883	2·033	10·732
	3	Patent fuel do.	499	1,304	805	...	3·422	18·058
	4	Wood do.	23,466	24,328	862	...	63·845	336·898

TABLE F.-I.
Locomotive Power.

Reference to Revenue Account. Table and Main Head.	Sub-head.	Description.	Passenger.	Goods.	Goods.	Tank.	Total.
			tons.		tons.		
		Locomotives.— Wheels coupled...	...	Six wheels and four wheels coupled.	...	Four wheels coupled.	...
		Weight on driving axle ...	14	10·18 tons to 12·35	...	8·74 tons to 13·25	...
		Total weight in steam, exclusive of tender ...	24·75	27·01 tons to 34·40	...	...	...

Locomotive Power—(Concluded.)

Reference to Revenue Account.		Description.	Passenger.	Goods.	Goods.	Tank.	Total.
Table and Main Head.	Sub-head.						
XII.	...	1.—Number of Locomotives erected and made over to Locomotive Department ...	TONS. 2	TONS. 104	TONS. ...	TONS. 20	TONS. 126
		2.—Average number of Locomotives constantly under repairs	1	28	...	2	31
		3.—Average number of Locomotives at work (1—2) ...	1	76	...	18	95
		4.—Train miles hauled by each class of Locomotives at work (3)	3,103	1,025,394	...	103,035	1,131,532
		5.—Average train miles hauled by each Locomotive at work (3.) Per half-year ...	3,103	13,492	...	5,724	11,911
		Per day	17	74	...	31	65
		6.—Average speed between stations of trains. Passenger.	...	...	...	...	24
		Goods ...	...	...	...	...	16
		Mixed ...	...	...	...	...	17½
		7.—Average through speed of trains. Passenger.	...	...	...	...	23
		Goods ...	...	...	...	...	15½
		Mixed ...	...	...	...	...	16½
		8.—Weight of coal, etc., used per train mile. *To be separated, if possible, among the classes of Locomotives.*	LBS. 34·11	LBS. 28 52	LBS. ...	LBS. 9·31	LBS. 27·21
		9.—Weight of wood used per train mile. *To be separated, if possible, among the classes of Locomotives.*	10·15	80·93	...	42·30	77·22
		10.—Average gross weight of the trains hauled by each class of Locomotive	Not recorded.				

N. B—8, 9, and 10 are not absolutely prescribed as there may be at first some difficulty in furnishing the information for all lines, but the facts should be given if possible.

TABLE G.

Carriage and Wagon Expenses.

Reference to Revenue Account.		Details.	1st half of 1871.	1st half of 1872.			
Table and Main Head.	Sub-head.		Total.	Total.	Increase.	Decrease.	——
XIV.	...	Train Mileage run for Traffic Department (D.-I. XIV. I.)	813,647	853,544	39,897	...	...
		Vehicle Mileage run for Traffic Dept. Coaching (M.-I. 8) ...	3,790,464	4,509,003	718,539	...	...
		Goods (M.-I. 14) ...	7,093,473	8,982,818	1,889,345	...	...
		Total...	10,883,937	13,491,821	2,607,884	...	...

Reference to Revenue Account.			1st half of 1871.	1st half of 1872.				
Table and Main Head.	Sub-head.	——	Total.	Total.	Increase.	Decrease.	Cost per Train Mile.	Cost per 1,000 Vehicle Miles.
IX. (C.) 1	1 & 2	General Superintendence— Salaries of Superintendents and allowances	Rs. 1,480	Rs. 2,306	Rs. 826	Rs. ...	As. 0·043	Rs. 0·171
	3 to 5	Salaries of Foremen and allowances, including overtime.	3,020	5,048	2,028	...	0·095	0·374
	6	Office expenses	1,985	2,412	427	...	0·045	0·179

Carriage and Wagon Expenses—(Concluded.)

Reference to Revenue Account.		Details.	1st half of 1871.	1st half of 1872.				
Table and Main Head.	Sub-head.		Total.	Total.	Increase.	Decrease.	Cost per Train Mile.	Cost per 1,000 Vehicle Miles.
		Repairs and Renewals of Vehicles and Machinery—	Rs.	Rs.	Rs.	Rs.	As.	Rs.
2	1 to 3	Coaching Vehicles. Wages, including overtime.	5,069	7,265	2,196	...	0·136	(a) 1·611 Cost per 1,000 Coaching Vehicle Miles.
		Materials	9,070	8,763	...	307	0·164	1·943
		Goods Vehicles. Wages, including overtime.	11,497	12,858	1,361	...	0·241	(b) 1·431 Cost per 1,000 Goods Vehicle Miles.
	1 to 3	Materials	26,397	26,604	207	...	0·499	2·962
	1	Cleaning and Oiling—						
3	2	Labour, including wages of Oilers, etc.	6,970	6,947	...	23	0·130	0·515
		Stores	21,956	22,751	795	...	0·426	1·686
4	...	Unclassified Expenditure ...	...	...	...	...	...	...
		Total...	87,443	94,954	7,840	330	1,779	7·038

The vehicle mileage is defined (Table M.-I.) as that of *all* vehicles running on the line. The cost of repairs and renewals will, however, depend on the mileage of home vehicles whether running on the parent line or on foreign lines. If this foreign mileage of home vehicles is greatly in excess of the home mileage of foreign vehicles (a) and (b) should be shown in terms of 1,000 vehicle miles of home vehicles run on both the parent and foreign lines, and this vehicle mileage should be stated.

TABLE H.

Traffic Expenses.

Reference to Revenue Account.		Details.	1st half of 1871.	1st half of 1872.			
Table and Main Head.	Sub-head.		Total.	Total.	Increase.	Decrease.	——
XIV.	...	Train Mileage run for Traffic Department (D.-I.)	813,647	853,544	39,897	...	...
		Vehicle Mileage run for Traffic Dept. (D.-I.) Coaching (M.-I.)	3,790,464	4,509,003	718,539	...	...
		Goods (M.-I. 14)	7,093,473	8,982,818	1,889,345	...	...
		Total...	10,883,937	13,491,821	2,607,884	...	...

Reference to Revenue Account.			1st half of 1871.	1st half of 1872.				
Table and Main Head.	Sub-head.	——	Total.	Total.	Increase.	Decrease.	Cost per Train Mile.	Cost per 1,000 Vehicle Miles.
IX. (D.) 1	a (1 & 3)	Salaries, Wages, etc.— General Superintendence, including travelling allowances.	Rs. 27,085	Rs. 28,414	Rs. 1,329	Rs. ...	As. 0·533	Rs. 2·106
	a (2 & 4)	Office Establishment and Contingencies	15,388	23,015	7,677	...	0·431	1·706
	b	Station Staff	1,07,844	1,15,757	7,913	...	2·170	8·580
	c	Train Staff	26,312	28,685	2,373	...	0·538	2·126
2	1 to 3	Fuel, Lighting, Water, and General Stores	30,200	45,102	14,902	...	0·845	3 343
3	...	Clothing	5,911	1,477	...	4,434	0·028	0·109
4	...	Printing, Stationery, and Tickets	14,995	19,849	4,854	...	0·372	1·471
5	...	Cattle used for traffic purposes, and delivery and collection of goods	...	...	...	...	...	...
6	...	Miscellaneous Expenses ...	214	122	...	92	0·002	0·009
7	1	Payments to other Lines— Hire of Vehicles ...	...	...	...	...	...	...
	2	Mileage of foreign stock ...	218	346	128	...	0·006	0·026
	3	Expenses at joint stations ...	...	...	...	...	...	...
8	...	Unclassified Expenditure ...	...	...	...	...	...	...
		Total...	2,23,117	2,62,767	39,176	4,526	4·925	19·476

TABLE J.

General Charges.

Reference to Revenue Account. Table and Main Head.	Sub-head.	Details.	1st half of 1871. Total.	1st half of 1872. Total.	1st half of 1872. Increase.	1st half of 1872. Decrease.	Cost per Train Mile.
IX. (E.) 1	...	Home Expenditure	Rs. 6,130	Rs. 28,655	Rs. 22,525	Rs. ...	As. 0·537
	1	Indian Management— Agent's Office, including travelling and other allowances	4,176	14,207	10,031	...	0·266
	2	Auditor's Office, do.	13,609	20,458	6,849	...	0·384
	3	Accounts Office, do.	1,431	4,256	2,825	...	0·080
	4	Paymaster's Office, do.	6,099	13,843	7,743	...	0·259
	5	Store Department, do.	2,419	11,532	9,113	...	0·216
	6	Medical Department, do.	8,042	10,571	2,529	...	0·198
	7	Rents	495	845	350	...	0·016
2	8—10	Contingencies, Stationery, and Medicine Police (*Total Charges*)	1,970	6,405	4,435	...	0·120
3	...	Advertising	8,162	10,672	2,510	...	0·200
4	...	Electric Telegraph—	1,462	1,428	...	34	0·027
5	1 to 4	Salaries, etc.	15,235	19,438	4,203	...	0·364
	5	Maintenance (Labour and Stores) ...	13,276	10,770	...	1,506	0·202
6	...	Clearing Accounts with other Lines	...	...	...	...	...
7	...	Unclassified Expenditure— Loss on Stores ...	...	...	...	...	0·001
		Total...	81,512	1,53,133	73,161	1,540	2·870

TABLE K.

Steam Boat Service.

Reference to Revenue Account. Table and Main Head.	Sub-head.	Details.	1st half of 1871. Total.	1st half of 1872. Total.	1st half of 1872. Increase.	1st half of 1872. Decrease.
IX. (F.) 1	...	Working Vessels	...	...	...	...
2	...	Repairs	...	...	...	...
3	...	Fuel	...	...	...	...
4	...	Miscellaneous Stores ...	...	...	...	...
5	...	Steam Traffic Agencies ...	...	...	...	...
6	...	Unclassified Expenditure ...	...	...	...	...
		Total...	...	...	...	...

TABLE L.

Special and Miscellaneous Expenditure.

Reference to Revenue Account. Table and Main Head.	Sub-head.	Details.	1st half of 1871. Total.	1st half of 1872. Total.	1st half of 1872. Increase.	1st half of 1872. Decrease.
IX. (G.) 1	...	Law Charges	Rs. ...	Rs. 4,920	Rs. 550	Rs. ...
2	1	Compensation— For goods lost or damaged ...	...	11,460	152	4,364
	2	Personal injury ...	...	...	23,455	11,308
	3	For other claims ...	...	25	210	...
3	...	Rates and Taxes ...	...	28,644	20,470	8,174
4		Contributions to Special Funds—				
	1	Fire Insurance Fund ...	...	11,985	185	...
	2	P. W. Renewal Fund ...	...	...	20,630	8,645
	3	Casualty Fund ...	...	...	...	...
		Total...	57,034	57,034	65,473	33,265
						23,846

TABLE M.-I.

Definitions.

The unit of passenger traffic is—1 passenger *plus* free luggage.
" carriages is—1 carriage.
" horses is—1 horse.
" luggage is—1 ton.
" Post Office vehicles is—1 "
" goods is—1 "
" cattle is—1 "

The approximate weight of units adopted in these calculations.

	cwt.	tons.
Coaching—		
First-class Passenger with free luggage	1·75	= 0·0875
Second- " " "	1·75	= 0·0875
Third- " " "	1·25	= 0·0625
Fourth- " " "	1·25	= 0·0625
A carriage (average for two and four-wheeled).	6·75	= 0·3375
Coaching—(Concluded.)		
A horse	8·75	= 0·4375
A dog	0·20	= 0·0100
Goods—		
A head of horned cattle	5·00	= 0·2500
A head of sheep, goats, etc.	0·50	= 0·0250

Data for calculating the incidence of carrying cost per unit per Mile for each Class of Passenger Traffic and for Goods and Minerals.

	Details.	Total Mileage of each description of Rolling Stock. (a)	Total Mileage of units of traffic. (b)	Average contents in units of each Vehicle. No. (c)	Weight in tons. (d)	Average weight of Rolling Stock in tons. (e)	Total average weight including contents of each vehicle in tons. (f)	Tons of vehicles and freight per ton of freight. (g)	Ton Mileage. Of freight. (h)	Of dead weight. (i)	Total Ton Mileage. Excluding Engines and Tenders and Brake Vans. (k)	Including Engines and Tenders and Brake Vans. (l)
	Coaching.											
1	1st Class	476,608	814,468	1·708	0·149	6·700	6·849	45·804	71,266	3,193,273	3,264,539	...
2	2nd "	843,883	3,019,969	3·578	0·313	6·792	7·105	22·691	264,247	5,731,886	5,996,133	...
3	3rd "	2,174,282	52,989,292	24·371	1·523	6·035	7·558	4·962	3,311,830	13,122,184	16,434,014	...
4	4th "	263,599	5,525,613	20·962	1·310	6·000	7·310	5·579	345,351	1,581,594	1,926,945	...
5	Carriage Trucks	78,866	55,055	0·698	0·235	5·059	5·294	22·479	18,581	399,049	417,630	...
6	Horse Boxes	231,120	248,637	1·075	0·470	7·090	7·560	16·062	108,779	1,638,640	1,747,419	...
7	Luggage (including Parcels and Dogs' Vans)	219,239	202,987	0·925	0·925	7·213	8·138	8·789	202,987	1,581,371	1,784,358	...
7	Post Office Vehicles* ...	221,406	...	...	‡0·150	6·810	6·960	46·000	33,211	1,507,838	1,541,049	...
8	Total...	4,509,003	...	...	...	...	...	...	4,356,252	28,755,835	33,112,087	...
9	Passenger Engines and Tenders...	...	...	...	...	...	...	...	...	10,733,010	...	...
10	Do. Brake Vans† ...	244,299	...	...	‡0·125	7·128	7·253	58·024	30,537	1,741,359	...	...
11	Total, Coaching Ton Mileage...	...	...	...	...	...	...	...	4,386,789	41,230,204	33,112,087	45,616,993
	Goods.											
12	Goods Vehicles	8,852,449	30,164,894	3·407	3·407	5·588	8·995	2·639	30,164,897	49,473,561	79,638,458	...
12-A	Cattle Vans	130,369	§116,750	0·895	0·895	6·070	6·965	7·777	116,750	791,340	908,090	...
13	Mineral Trucks‖	...	...	...	...	...	...	...	...	...	...	...
14	Total...	8,982,818	...	...	...	...	...	...	30,281,647	50,264,901	80,546,548	...
15	Goods Engines and Tenders ...	...	...	...	...	...	...	...	...	26,107,691	...	...
16	Do. Brakes	469,634	...	‡0·125	0·125	9·334	9·459	75·672	58,703	4,383,657	...	...
17	Total, Goods Ton Mileage...	...	...	...	...	...	...	...	30,340,350	80,756,249	80,546,548	111,096,599

*Mail carrying vehicles, whether specially constructed sorting carriages or not, are reckoned as Post Office vehicles. When only portions of vehicles are used for carrying mails the mileage is apportioned as directed in the foot-note to Table A.

† *Whenever brake vans are loaded with luggage or parcels the results are included with No. 7 Luggage Vans.*

‖ *This is shown separately when minerals are carried entirely in special vehicles. If not so carried it will be incorporated with goods.*

‡ *Assumed weight.*

‖ *Horses* 86,699
§ *Cattle* 23,479
Sheep 4,673

Data for calculating the incidence of carrying cost per unit per Mile for each class of Passenger Traffic and for Goods and Minerals—(Concluded.)

	Details.	Total Mileage of each description of Rolling Stock. (a)	Total Mileage of units of traffic. (b)	Average contents in units of each Vehicle. No. (c)	Average contents in units of each Vehicle. Weight in tons. (d)	Average weight of Rolling Stock in tons. (e)	Total average weight including contents of each Vehicle in tons. (f)	Tons of vehicles and freight per ton of freight. (g)	Ton Mileage. Of freight. (h)	Ton Mileage. Of dead weight. (i)	Total Ton Mileage. Excluding Engines and Tenders and Brake Vans. (k)	Total Ton Mileage. Including Engines and Tenders and Brake Vans. (l)
	Miscellaneous for Stores carried free on Revenue Account.											
18	For Traffic Department ...	8,467	Unknown.	...	...	8·720	...	1·935	Unknown.	73,832	73,832	...
19	„ Locomotive do. ...	115,053	687,567	5·976	5·976	5·591	11·567	2·292	687,567	613,279	1,330,846	...
20	„ Engineering do. ...	113,746	496,489	4·364	4·364	5·643	10·006		496,489	641,774	1,138,263	...
20-A.	Total...	237,266	...	...	...	...	...	...	1,184,056	1,358,885	2,543,941	...
20-B.	Engines and Tenders... ...	...	...	...	...	...	...	...	...	2,493,912	...	...
20-C.	Brake Vans	...	...	...	...	...	...	...	...	...	...	...
21	Total, Miscellaneous Ton Mileage...	...	...	...	...	...	...	...	1,184,056	3,852,797	2,542,941	5,036,853
22	Total, Ton Mileage...	...	...	...	...	...	...	...	...	...	...	161,750,445

The average weight of the contents (including the Post Office servants) of a Post Office vehicle is assumed on the best data available.

(*a*) This includes the mileage of all vehicles (home and foreign) running on the line and excludes the mileage of home vehicles on foreign lines.

(*b*) Taken from station to station returns, or, in default of these, arrived at by dividing the receipts from each class of traffic by the average rate or fare per unit per mile.

(*c*) $= \frac{b}{a}$; (*d*), for coaching $= c \times$ by weights of units as per definitions, and for goods and luggage $= \frac{b}{a}$, measurement goods being converted to weight at an arbitrary rate; (*e*), from returns furnished by Railway Companies; $(f) = d + e$; $(g) = \frac{f}{d}$; $(h) = a \times d$; $(i) = a \times e$; (*k*) or (*l*) $= h + i$.

(*l*.) Is the ton mileage used for purposes of calculation in analysing expenditure of departments.

Division between Coaching and Goods of the expenditure of Departments.

Details.	Maintenance. (a)	Locomotive. (b)	Carriage and Wagon. (c)	Traffic. (d)	General. (e)	Special and Miscellaneous. P. W. Renewal Fund. (f)	Special and Miscellaneous. Other items. (g)	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Expenses due to Coaching	1,31,184	2,16,098	29,217	87,817	59,894	...	25,608	5,49,818
„ „ to Goods	3,19,487	3,36,406	65,737	1,74,950	93,239	...	39,865	10,29,684
Total...	4,50,671	5,52,504	94,954	2,62,767	1,53,133	...	65,473	15,79,502

(*a*) Divided in terms of the total ton mileage (M.-I., 11, 17); (*b*). Locomotive expenses are kept separate, joint items being divided in terms of the train mileage; (*c*), the expenses of repairs, etc., are kept separate for coaching and goods stock—oiling and greasing and all joint items are divided in terms of the vehicle mileage (M.-I., 8, 14); (*d*), to be divided in terms of the vehicle mileage (M.-I., 8, 14); (*e*), divided in terms of the train mileage; (*f*), divided in terms of the ton mileage; and (*g*), divided in terms of the train mileage.

N. B.—When mixed, as well as passenger and goods trains are run, the mixed train mileage is converted to passenger and goods train mileage, as directed in the foot-note to Table A. When both passenger and goods trains are not run the division of (*a*) and (*b*) in this table is made in terms of the ton mileage (M.-I., 11, 17), and that of the other columns in terms of the vehicle mileage of coaching and goods, respectively.

M.-III.

Distributed Cost of carrying the Vehicles of each Class including Freight.

Details.	First-class Carriages.	Second-class Carriages.	Third-class Carriages.	Fourth-class Carriages.	Carriage Trucks.	Horse Boxes.	Luggage Vans.	Post Office Vehicles.	Total, Coaching Stock.	Goods Vehicles.	Cattle Vans.	Mineral Trucks.	Total, Goods Stock.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Maintenance (*a*)	12,934	23,756	65,107	7,634	1,655	6,923	7,069	6,106	1,31,184	3,15,885	3,602	...	3,19,487
Locomotive (*b*)	21,305	39,132	1,07,251	12,576	2,726	11,405	11,645	10,058	2,16,098	3,32,613	3,793	...	3,36,406
Carriage and Wagon (*c*)	8,088	5,468	14,089	1,708	511	1,497	1,421	1,435	29,217	64,783	954	...	65,737
Traffic (*d*)	9,282	16,436	42,346	5,134	1,536	4,501	4,270	4,312	87,817	1,72,411	2,539	...	1,74,950
General (*e*)	6,381	11,209	28,881	3,502	1,048	3,070	2,912	2,941	59,894	91,886	1,353	...	93,239
Special and Miscellaneous, P. W. Renewal Fund (*f*) ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Special and Miscellaneous, Other items (*g*) ...	2,707	4,793	12,348	1,497	448	1,813	1,245	1,257	25,608	39,286	579	...	39,865
Total ...	55,647	1,00,794	2,70,022	32,051	7,924	28,709	28,562	26,109	5,49,818	10,16,864	12,820	...	10,29,684

(*a*), (*b*), and (*f*).—The cost as per M.-II. is divided off among the classes in the ratio of the ton mileage (M.I., 1—7 A, 12—13, *k*).

(*c*), (*d*), (*e*) and (*g*).— Do. do. do. do. vehicle do. (M.-I, 17 21,—A—13, *a*).

M-IV.

Classified Cost of working over one mile a Vehicle, including its freight; also total cost of carrying over one mile a unit of each description of traffic.

Details.	First Class.	Second Class.	Third Class.	Fourth Class.	Carriage Trucks.	Horse Boxes.	Luggage Vans.	Post Office Vehicles.	Goods Vehicles.	Cattle Vans.	Mineral Trucks.
	PIES.	PIES.	PIES.	PIES.	PIES.	PIES.	PIES.	PIES.	PIES.	PIES.	PIES.
Maintenance	5·211	5·405	5·749	5·561	4·030	5·751	6·191	5·295	6·852	5·305	...
Locomotive	8·583	8·903	9·471	9·160	6·637	9·475	10·198	8·723	7·214	5·586	...
Carriages and Wagon	1·244	1 244	1·244	1·244	1·244	1·244	1 244	1·244	1·405	1·405	...
Traffic	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3 739	3·739	3·739	...
General	2·550	2·550	2·550	2·550	2·550	2·550	2·550	2·550	1·993	1·993	...
Special and Miscellaneous { P. W. Renewal Fund.	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous { Other items ...	1·091	1·091	1·091	1·091	1·091	1·091	1·091	1·091	0·852	0·852	...
Total...	22·418	22·932	23·844	23·345	19 291	23·650	25·013	22·641	22·055	18·880	...
Cost per unit...	13·121	6·408	0·978	1·113	27·634	22·169	27·016	...	6·472	21·083	...

M-V.

Statement showing in comparison the receipts and the carrying cost per unit per mile of Coaching and Merchandize Traffic.

Details.	Average receipt per unit per mile.	Actual cost per unit per mile.	Profit per unit per mile.	Loss per unit per mile.	Proportion per cent. profits to receipts.
COACHING—	PIES.	PIES.	PIES.	PIES.	PIES
1st Class	16·174	13·121	3·053	...	18·876
2nd ,, ...	5·311	6·408	...	1 097	...
3rd ,, ...	3·038	0·978	2·060	...	67 488
4th ,, ...	2·021	1·113	0·908	...	44·913
Carriages	25·437	27·634	...	2·197	...
Horses	14·960	22·169	...	7·209	...
Luggage	65·800	27·016	38 784	...	58 942
Post Office Vehicles	...	...	...	...	...
GOODS—					
Merchandize, including Government Stores and Railway materials ...	11·676	6·472	5·204	...	40 647
Cattle	17 330	21·083	...	3 753	...
Minerals	...	...	...	...	...

MADRAS,
15th *February* 1873.

(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

ACCOUNTS FOR THE HALF-YEAR ENDING 30TH JUNE 1872.

No. 1.—*Statement of Capital Authorized and Created.*

Contracts with the Secretary of State or other Authority.	Capital Authorized.			Capital Created or Sanctioned.			Balance.		
	Stock and Shares.	Loans.	Total.	Stock and Shares.	Loans.	Total.	Stock and Shares.	Loans.	Total.
	£	£	£	£	£	£	£	£	£
Acts 16th Vict. Sessions 1852-53 ...									
14th June, 1853 ...									
,, 17th ,, ,, 1854 ...									
2nd June, 1854 ...									
,, 18th ,, ,, 1854-55 ...									
15th June 1855 ...									
CONTRACTS IN RESPECT OF SHARES CAPITAL.									
Viz: 22nd December 1852	500,000	.....	500,000	500,000	.....	500,000			
,, 19th do. 1855	3,500,000	.....	3,500,000	3,500,000	.....	3,500,000			
,, 13th August 1858	1,000,000	.....	1,000,000	1,000,000	.....	1,000,000			
,, 28th October 1867	2,500,000	.....	2,500,000	2,500,000	.....	2,500,000			
,, In course of preparation	828,300	.....	828,300	828,300	.....	828,300			
*CONTRACTS IN RESPECT OF LOANS ON DEBENTURES.									
Viz: 13th March 1860	.....	1,000,000	1,000,000	.....	1,000,000	1,000,000			
,, 28th October 1867	.....	1,500,000	1,500,000	.....	1,500,000	1,500,000			
,, In course of preparation	.....	171,700	171,700	.....	171,700	171,700			
Balance of borrowing powers authorized under the above Acts	.....	698,150	698,150	.....	.....	.....			
	8,328,300	3,369,850	11,698,150	8,328,300	2,671,700	11,000,000	.....	698,150	698,150
* These comprise Debentures that have been converted into Stock amounting to ... ... £ 1,747,500									
Capital to replace Debentures paid off ... ... £ 33,750									
£ 1,781,250	.....	.....	.....	1,781,250	1,968,100				
Debentures paid off ... ... £ 33,750									
Do. do. ... ... £ 186,850									
£ 220,600									
Do. Converted ... ... £ 1,747,500	.....	.....	.....	10,109,550	703,600				
£ 1,968,100									

No. 2.—Statement of Stock and Share Capital created showing the proportion received.

Description.	Amount created.	Amount received.	Calls in arrears.	Amount uncalled.	Amount unissued.
	£	£	£	£	£
Capital Stock bearing Interest at the rate of 4½ per cent., per annum guaranteed by the Secretary of State	500,000				
Do. at 5 per cent.	500,000				
Do. at 4½ ,, ...	1,000,000				
Do. at 5 ,, ...	8,109,550				
	10,109,550	9,453,386	7,455	648,729	.....

No. 3.—Capital raised by Loans and Debenture Stock.

—	Raised by Loans. At 5 per cent.	Raised by Loans. At 4½ per cent.	Raised by issue of Debenture Stock.	Total raised by Loans and by Debenture Stock.
	£	£.	£	£
Existing at 31st December 1871	234,000	500,000	.....	734,000
,, at 30th June 1872	203,600	500,000	.....	703,600
Increase	.....	.....	.....	.....
Decrease	30,400	.....	.....	30,400

Total amount authorized to be raised by Loans and by Debenture Stock in respect of Capital created as per Statement No. 1	3,369,850
Total amount raised by Loans and by Debenture Stock as above	703,600
Balance being available borrowing powers at 30th June 1872	2,666,250

Dr. *No. 4.—Receipts and Expenditure on Capital Account.* Cr.

—	Amount expended to 31st December 1871.	Amount expended during half-year ending 30th June 1872.	—	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
To Expenditure—				
On Line open for traffic ...	8,128,937 11 10	29,224 18 4	8,158,162 10 2	
Deduct cost of Office and Station Furniture transferred to Plant	.....	.....	32,516 0 7	8,125,646 9 7
On Line in course of construction	141,591 10 11	36,622 10 9		178,214 1 8
,, Raichoor Station	32,477 18 4	2,754 9 0		35,232 7 4
,, Rolling Stock	1,069,733 8 0	8,771 6 5	1,078,504 9 5	
Deduct amount transferred to Plant on account of—				
Engineering Plant ... £ 28,882 10 6				
Loco. Shop Plant ... £ 40,563 19 11	.....	.....	69,446 10 7	1,009,057 18 10
On Plant	2,032 3 3	547 15 1	2,579 18 4	
Add cost of Office and Station Furniture, Engineering Plant and Loco. Shop Plant transferred as above... ...	.....	.....	101,962 11 2	104,542 9 6
On Establishment	51,796 17 8	10,031 1 2		61,827 18 10
,, Contingencies	9,480 13 4	868 12 2		10,349 5 6
	9,436,049 18 4	88,820 12 11	.....	9,524,870 11 3
Balance				641,867 1 1
				10,166,737 12 4

—	Amount received to 31st December 1871.	Amount received during half-year ending 30th June 1872.	Total.
	£ s. d.	£ s. d.	£ s. d.
By Receipts—			
Shares and Stock per last Statement ... £ 9,427,854			
Add Debentures converted into 5% Stock during half-year ending 30th June 1872 ... 14,900	9,442,754 0 0	10,632 0 0	
₱ Account No. 2	.....	.....	9,453,386 0 0
Capital not bearing Interest ...	.....	9,751 12 4	9,751 12 4
Loans ₱ last Statement. £ 734,000			
Deduct amount converted as above ... 14,900			
Paid off during half-year ending 30th June 1872 ... 15,500 — 30,400	703,600 0 0	.....	703,600 0 0
₱ Account No. 3	.....	.....	
	10,146,354 0 0	20,383 12 4	10,166,737 12 4

No. 5.—*Details of Capital Expenditure.*

	Rs.	A.	P.	Rs.	A.	P.
LINE OPEN FOR TRAFFIC—						
Earthwork	55,448	14	9			
Brickwork and Masonry	85,559	3	8			
Fencing	15,935	15	1			
Bungalows	1,547	3	10			
Permanent-way	63,522	11	0			
Additional works	3,468	14	1			
Telegraph Department	215	3	0			
Maintenance for two years	65,729	10	6			
Stations and Buildings	18,691	8	9			
Bridge work	8,415	14	9			
Ballast and Permanent-way	380	14	0			
	3,18,916	1	5			
Less Credit.						
Miscellaneous	98	13	2	3,18,817	4	3
LINE IN COURSE OF CONSTRUCTION—						
Neilgherry Branch	2,92,518	0	5			
Madras Central Station	1,07,000	9	6			
				3,99,518	9	11
RAICHORE STATION	.....			30,048	8	5
ROLLING STOCK—						
Carriages	91,193	1	9			
Wagons	4,494	0	10			
				95,687	2	7
PLANT—						
Station and Office Furniture	.....			5,975	7	9
ESTABLISHMENT—						
Direction	10,281	4	3			
Engineering	62,614	1	3			
Locomotive	11,784	9	5			
Telegraph	2,615	0	1			
Stores	8,557	1	11			
Audit, Account, and Cashier	13,547	11	3			
				1,09,429	12	2
CONTINGENCIES—						
Direction	7,271	10	2			
Engineering	2,204	1	1			
				9,475	11	3
Total Capital expenditure during the half-year	.....			9,68,952	8	4

No. 6.—*Estimate of further expenditure on Capital Account.*

	Further Expenditure		
	During the half-year ending 31st Dec. 1872.	In subsequent half-years.	Total.
Line opened for traffic more than 2 years	Rs. 89,224	Rs. 6,18,344	Rs. 7,07,568
Line opened for traffic less than 2 years	4,04,386	3,63,675	7,68,061
Line in course of Construction—			
Madras Central Station	90,000	87,780	1,77,780
Neilgherry Branch Line	3,00,000	5,80,289	8,80,289
Do. Tudialore Station	10,000	3,518	13,518
Do. Karamady ,,	15,000	4,670	19,670
Do. Coimbatore ,,	80,000	30,004	1,10,004
Do. Pothanoor ,,	30,000	22,618	52,618

Estimate of further expenditure on Capital Account.—(Concluded).

		Further Expenditure		
		During the half-year ending 31st Dec. 1872.	In subsequent half-years.	Total.
Line in course of Construction.—(Concluded.)		Rs.	Rs.	Rs.
Neilgherry—Mettapollie m Station		80,000	32,282	1,12,282
Do. Telegraph		20,000	5,204	25,204
		6,25,000	7,66,365	13,91,365
		11,18,610	17,48,384	28,66,994
Working Stock—	No.			
Engines	20	.....	7,10,000	7,10,000
Horse-boxes	5	14,770	.....	14,770
Night composite carriages	8	16,969	24,800	41,769
Goods brake vans	6	.....	25,000	25,000
Invalid carriages	2	4,870	4,870	9,740
High-sided open goods wagons to be converted from open sided goods wagons	292	.....	90,917	90,917
Covered goods wagons to be converted from coke wagons	49	.....	32,854	32,854
Fire Engine trucks to be converted from open sided goods wagons	2	.....	600	600
Fitting Sun-shades to vehicles	94	1,800	12,755	14,555
Do. Axle Box-keeps (oil) to wagons	2,043	3,900	34,734	38,634
		42,309	9,36,530	9,78,839
Total estimated further expenditure of Capital		11,60,919	26,84,914	38,45,833

No. 7.—*Capital powers and other Assets available to meet further expenditure as per Account No. VI.*

	£	£	s.	d.
Share and Loan Capital authorized or created but not yet received:—				
Shares (No. II.) Calls in arrears	7,435			
Amount uncalled	648,729			
		656,164	0	0
Loans (No. III.)				
Available borrowing powers		2,666,250	0	0
Capital Account (No. IV.)				
Balance at Credit thereof		641,867	1	1
Total		3,964,281	1	1

No. 8.—*Revenue Account for the half-year ending 30th June* 1872.

Dr. Expenditure.	Amount.			Per cent. of Revenue	Cr. Earnings.	Amount.		
	Rs.	A.	P.			Rs.	A.	P.
To Maintenance of Way, Works and Stations, (Abstract A)	3,33,791	9	5	10·54	By Coaching Traffic (Abstract H)	11,95,554	15	7
,, Locomotive Expenses (Abstract B)	5,52,503	6	4	17·45	,, Goods Traffic (Abstract I)	18,50,167	11	1
,, Carriage and Wagon Expenses (Abstract C)	94,954	6	6	3·00	,, Electric Telegraph Earnings	10,746	5	4
,, Traffic Expenses (Abstract D)	2,62,767	0	2	8·30	,, Sundries (Abstract K)	1,09,719	11	2
,, General Charges (Abstract E)	1,53,132	14	5	4·83				
,, Special and Miscellaneous Expenditure (Abstract G)	65,472	10	1	2·07				
,, Cheyaur Bridge Restoration	1,79,540	13	5	5·67				
	16,42,162	12	4	51·86				
,, Balance Net Earnings.	15,24,025	14	10	48·14				
Total	31,66,188	11	2	100·00	Total	31,66,188	11	2

No. 9.—ABSTRACT A.

Maintenance of Way, Works, and Stations.

	RS. A. P.	RS. A. P.
1ST.—SALARIES, OFFICE EXPENSES, AND GENERAL SUPERINTENDENCE—		
(1.)—Engineers' salaries	43,183 3 2	
(2.)—Allowances including travelling expenses of all kinds	4,584 14 9	
(3.)—Subordinate Superintendents	19,170 11 8	
(4.)—Allowances of do.	189 11 3	
(5.)—Overtime allowances	.....	
(6.)—Office expenses	22,604 2 5	
		89,732 11 3
2ND.—MAINTENANCE AND RENEWAL OF PERMANENT-WAY—		
(1).—Wages	1,25,110 8 1	
(2).—Materials	98,032 9 10	
		2,23,143 1 11
3RD.—REPAIRS OF BRIDGES, ETC.,—WAGES AND MATERIALS—		
(1.)—Bridges and Tunnels	78,204 15 7	
(2.)—Miscellaneous, including earthwork, roads, fencing, etc.	23,643 0 7	
		1,01,848 0 2
4TH.—REPAIRS OF STATION AND BUILDINGS—WAGES AND MATERIALS—		
(1.)—Repairs of buildings of every description, including station-yards and signals, but excepting quarters of the staff	23,152 4 0	
(2.)—Repairs of staff quarters	5,354 4 1	
	.....	28,506 8 1
5TH.—MAINTENANCE BY CONTRACT		.....
6TH.—UNCLASSIFIED EXPENDITURE—		
(1.)—Plantations	.....	
(2.)—Tools and Plant	7,441 2 5	
(3.)—Loss on Stores, etc.	.....	7,441 2 5
Total ...	.....	4,50,671 7 10
Deduct sum chargeable to Cheyaur Bridge Restoration...	.....	1,16,879 14 5
Total...	.....	3,33,791 9 5

Miles maintained.	Departmentally.	By Contract.	Total.
Railway line .. { Double	...	...	...
Railway line .. { Single	707¼	...	707¼
Sidings	81¼	...	81¼
Total...	788¼	...	...

ABSTRACT B.

Locomotive Expenses.

	RS. A. P.	RS. A. P.
1ST.—GENERAL SUPERINTENDENCE—		
(1.)—Salaries of Locomotive Superintendent and Assistants	11,988 2 6	
(2.)—Allowances of do., including travelling allowances	1,311 2 2	
(3.)—Subordinate Superintendents	21,703 7 10	
(4.)—Allowances including travelling allowances ...	5,757 11 1	
(5.)—Overtime allowances	1,747 14 9	
(6.)—Office expenses	13,908 2 1	
		56,416 8 5

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	70,837 12 8	
(2.)—Overtime allowances	14,855 8 5	
(3.)—All labour connected with fuelling, cleaning, and looking after Engines in yards	16,214 0 5	
(4.)—Contingent expenses, including clothing and travelling expenses	339 11 8	
		1,02,247 1 2
3RD.—FUEL—		
(1.)—Coal ... ... Cwt. 65,231 3 6 11 3	58,708 2 11	
(2.)—Coke ... ... ,, 15,504 3 2 1 2	24,806 13 7	
(3.)—Patent fuel ... ... ,, 26,081 1 10 1 2	31,298 6 1	
(4.)—Wood ... . lbs. 54,494,700	1,08,989 6 5	
		2,23,802 13 0
4TH.—WATER *(including Wages and Stores)*...	.....	13,445 10 2
5TH.—OIL, TALLOW, AND OTHER STORES *(expended on Engines in work)*	.....	10,868 11 5
6TH.—MAINTENANCE AND RENEWALS OF LOCOMOTIVE ENGINES AND MACHINERY—		
(1.)—Wages	73,990 11 5	
(2.)—Overtime allowances	4,237 2 2	
(3.)—Materials	67,494 12 7	1,45,722 10 2
Total...	.....	5,52,503 6 4

ABSTRACT C.

Carriage and Wagon Expenses.

	RS. A. P.	RS. A. P.
1ST.—GENERAL SUPERINTENDENCE—		
(1.)—Salaries of Superintendents and Assistants ...	2,076 13 9	
(2.)—Allowances, including travelling	228 13 1	
(3.)—Subordinate Superintendents	3,750 8 2	
(4.)—Allowances of do., including travelling ...	993 11 6	
(5.)—Overtime allowances	304 0 4	
(6.)—Office expenses	2,412 7 11	
		9,766 6 9
2ND.—REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY—		
Coaching Vehicles—		
(1.)—Wages 7,157 1 9		
(2.)—Overtime 107 15 2		
(3.)—Materials 8,762 9 8	16,027 10 7	
Goods Vehicles—		
(1.)—Wages 12,738 2 1		
(2.)—Overtime 119 11 4		
(3.)—Materials 26,604 7 5	39,462 4 10	
		55,489 15 5
3RD.—CLEANING CARRIAGES AND WAGONS AND OILING—		
(1.)—Labour, including wages of oilers, carriage cleaners and examiners	6,947 4 2	
(2.)—Stores, including oil, grease, and other stores for consumption on running vehicles ...	22,750 12 2	29,698 0 4
Total...	.....	94,954 6 6

ABSTRACT D.

Traffic Expenses.

		Rs. A. P.	Rs. A. P.
1ST.—SALARIES, WAGES, ETC.—			
(a.)—*General Superintendence*—			
(1.)—Traffic Manager, Assistant do., District Superintendents and Traffic Canvassers	24,448 10 10		
(2.)—Office establishment	13,358 15 5		
(3.)—Travelling allowances ...	3,965 3 4		
(4.)—Contingencies	9,656 0 6		
		51,428 14 1	
(b.)—*Station Staff*—			
(1.)—Station Masters, Clerks, Porters, Pointsmen, Gatekeepers of level crossings, Signalmen, Station Servants, etc.	.....	1,15,757 6 10	
(c.)—*Train Staff*—			
(1.)—Guards and Assistant Guards.	28,679 11 7		
(2.)—Overtime allowances	5 0 0		
		28,684 11 7	
			1,95,871 0 6
2ND.—FUEL, LIGHTING, WATER, AND GENERAL STORES—			
(1.)—Fires, lights, water, and general stores for carriages, stations, offices, etc.		19,815 15 2	
(2.)—Wagon covers, ropes, etc.		24,855 12 11	
(3.)—Office and station fittings and furniture ...		430 8 10	
			45,102 4 11
3RD.—CLOTHING		.....	1,477 6 0
4TH.—PRINTING, STATIONERY, AND TICKETS		.....	19,848 14 9
5TH.—CHARGES FOR DELIVERY AND COLLECTION OF GOODS, ETC.		.....	.....
6TH.—MISCELLANEOUS EXPENSES		.....	122 0 0
7TH.—PAYMENTS TO OTHER LINES—			
(1.)—Hire of vehicles		.....	
(2.)—Mileage of foreign stock		345 6 0	
(3.)—Expenses at Joint Stations		.....	345 6 0
Total...		.....	2,62,767 0 2

ABSTRACT E.

General Charges.

	Rs. A. P.	Rs. A. P.
1ST.—HOME EXPENDITURE—		
(1.)—Directors and Secretary or Managing Director. (2.)—Auditors and Accountants. (3.)—Consulting Engineer and Inspecting Officers' fees and travelling allowances	27,837 2 11	
(4.)—Office expenses	818 2 11	
	.....	28,655 51 0

General Charges.—(Concluded.)

2ND—SALARIES OF INDIAN MANAGEMENT, INCLUDING OFFICES—

	Salaries.	Travelling Allowances.	Contingencies.	Rs. A. P.	Rs. A. P.
	Rs. A. P.	Rs. A. P.	Rs		
(1.)—Agent's Office ...	13,850 15 6	355 13 6	...	14,206 13 0	
(2.)—Auditor's Office ...	20,289 6 10	168 4 0	...	20,457 10 10	
(3.)—Accounts Office ...	4,256 5 3	.....	...	4,256 5 3	
(4.)—Paymaster's (Cashier's) Office ...	13,016 10 8	825 6 4	...	13,842 1 0	
(5.)—Store Department.	11,334 14 6	197 4 4	...	11,532 2 10	
(6.)—Medical Department	10,138 8 2	431 14 0	...	10,570 6 2	
(7.)—Rents of buildings and lands				844 13 10	
(8.)—Contingencies, including furniture and fittings				3,592 3 6	
(9.)—Stationery				1,621 0 4	
(10.)—Medicine				1,192 0 3	
					82,115 9 0
3RD.—POLICE—					
(1.)—Supervision				1,380 0 0	
(2.)—Constables				7,865 2 9	
(3.)—Contingencies				1,427 2 0	
					10,672 4 9
4TH.—ADVERTISING, (*All Advertisements of all Departments*).				.....	1,428 3 3
5TH.—ELECTRIC TELEGRAPH—					
(1.)—Salaries of Superintendents and Assistants				4,505 8 6	
(2.)—Signallers				12,705 2 9	
(3.)—Travelling expenses				892 13 10	
(4.)—Office expenses, contingencies, etc.				1,334 4 1	
(5.)—Maintenance, wages, stores				10,770 0 5	
					30,207 13 7
6TH.—CLEARING ACCOUNTS WITH OTHER LINES—					
7TH.—UNCLASSIFIED EXPENDITURE—					
Loss on Stores, etc.				.....	53 10 0
Total...				.....	1,53,132 14 5

ABSTRACT G.

Special and Miscellaneous Expenditure.

	Rs. A. P.	Rs. A. P.
1ST.—LAW CHARGES	.....	553 10 5
2ND.—COMPENSATION—		
(1.)—For goods lost or damaged—		
From Revenue Funds ... 55 0 0		
Do. Fire Insurance ... 97 8 0		
	152 8 0	
(2.)—For personal injury	23,454 8 9	
(3.)—For other claims	210 0 0	
		23,817 0 9
3RD.—RATES AND TAXES. (*Including Municipal Water-rates*	.....	20,470 2 7
4TH.—CONTRIBUTIONS TO SPECIAL FUNDS—		
(1.)—Fire Insurance Fund	.....	20,727 4 4
Total...	.....	65,570 2 1
Deduct sum chargeable to Fire Insurance Fund...	.....	97 8 0
Total...	.....	65,472 10 1

No. 10.—ABSTRACT H.
Coaching Traffic.

	First Class.		Second Class.		Third Class.		Fourth (Coolie) Class.		Total.	
	Rs. A. P.		Rs. A. P.		Rs. A. P.		Rs. A. P.			
Mileage Fares... Day	0 1 6		0 0 5		0 0 8		0 0 2			
Mileage Fares... Night	0 1 10		0 1 0		0 0 4		.....			
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		Rs.		Rs.		Rs.		Rs.		Rs. A. P.
1st.—PASSENGERS—										
Single journeys ...	2,897	49,390 10 0	54,669	77,207 9 0	949,196	7,74,025 4 8	149,532	58,181 12 0	1,156,294	9,58,805 3 8
Excess fares ...	...	425 14 0	...	305 1 0	...	2,447 3 6	...	.....	...	3,173 2 6
Return journeys ...	1,934	17,565 7 0	2,244	3,090 0 0	79,896	28,252 0 1 6	...	.....	84,074	48,907 7 1
Troops and Police.	52	1,228 2 0	889	2,939 0 0	12,505	33,830 5 0	...	.....	12,946	37,997 7 0
Total...	4,883	68,610 1 0	57,302	83,541 10 0	1,041,597	8,35,554 13 3	149,532	58,181 12 0	1,253,314	10,48,888 4 3
Season Tickets...	23	900 8 0	33	836 15 0	...	.....	...	.....	56	1,727 7 0
									Ton Miles.	
2nd.—PASSENGERS' LUGGAGE ...	...	...	...	...	...	...	...	...	57,611	17,160 4 3
3rd.—MILITARY BAGGAGE ...	...	...	...	...	...	...	...	...	21,687	6,175 10 0
4th.—CARRIAGES, HORSES, DOGS, ETC.—									No.	
(1.)—Carriages ...	...	...	...	...	...	...	...	...	295	7,294 2 0
(2.)—Horses ...	...	...	...	...	...	...	...	...	1,193	18,994 11 0
(3.)—Dogs... ...	...	...	...	...	...	...	...	...	1,525	2,217 12 0
										28,506 9 0
5th.—MILITARY CARRIAGES, HORSES, ETC.—										
(1.)—Horses ...	...	...	...	...	...	...	...	...	27	504 3 0
(2.)—Dogs ...	...	...	...	...	...	...	...	...	25	13 8 0
										517 11 0
6th.—PARCELS ...	...	...	...	...	...	...	...	...	81,703	43,998 2 5
									Train Miles.	
7th.—SPECIAL TRAINS ...	...	...	...	...	...	...	...	...	5,472	47,530 10 0
8th.—POST OFFICE.										
(1.)—Parcels ...	...	...	...	...	...	...	...	...	...	1,050 5 8
								Total...	...	11,05,554 15 7

ABSTRACT I.

Goods Traffic.

	Rate per Ton per Mile.	Ton Miles.	Amount.
1st.—MERCHANDIZE, GENERAL—			Rs. A. P.
1st Class	12 Pies	9,539,666	5,26,192 5 9
2nd ,, ...	14 ,,	3,560,215	2,61,604 3 5
3rd ,, ...	18 ,,	2,381,533	2,17,946 4 7
4th ,, ...	24 ,,	1,175,963	1,52,614 13 11
5th ,, ...	36 ,,	624,314	1,22,346 8 9
Special	8 ,,	12,289,067	5,00,466 10 2
	...	29,570,758	17,81,260 14 7
2nd.—MILITARY STORES	...	316,944	38,855 1 8
3rd.—RAILWAY MATERIALS FOR CONSTRUCTION ...	...	277,192	14,336 13 0
4th.—MINERALS—			
(1.)—For the Public	...	...	.....
(2.)—For the Company (construction only)	...	...	.....
		...	.....
5th.—LIVE STOCK—			
(1.)—Horses	...	58,109	5,225 1 0
(2.)—Cattle	...	25,343	2,132 14 0
(3.)—Sheep	...	4,572	698 5 0
		88,024	8,056 4 0
6th.—MILITARY LIVE STOCK—			
(1.)—Horses	...	28,590	2,448 0 0
(2.)—Cattle	...	136	34 0 0
(3.)—Sheep	...	...	.....
		28,726	2,482 0 0
7th.—RENTS AND DEMURRAGE, WHARFAGE, STORAGE, ETC.	...	...	4,316 0 0
8th.—INTEREST ON OUTSTANDING BILLS	...	...	860 9 10
Total...	...	...	18,50,167 11 1

ABSTRACT K.

Sundries.

	Amount.
	Rs. A. P.
Interest on Revenue Balances deposited with Government	14,613 3 6
Hire of Locomotives	10,742 6 2
Hire of Vehicles	.....
Mileage of Vehicles and Sheets over foreign lines	12,185 0 0
Use of Stations jointly occupied	6,423 12 2
Clearing accounts with other lines	.....
Tolls on Bridges	.....
Rents of Dwelling-houses	30,484 5 5

		RS.	A. P.
Rents of Refreshment-rooms		4,570	10 0
Fees on Share transfers, etc.		27,131	9 3
Sale of unclaimed and damaged goods		.....	
Sale of Revenue Stores—			
1. Maintenance	1,146 5 1		
2. Locomotive	688 8 0		
3. Carriage and Wagon	.....		
4. Traffic	1,452 13 11		
5. General	281 1 8		
		3,568	12 8
	Total...	1,09,719	11 2
Electric Telegraph Earnings		10,746	5 4

No. 11.—*Fire Insurance Fund.*

	RS.	A.	P.			RS.	A. P.
To Amount paid for loss by fire as per Revenue Account as under ...		97	8 0	By Balance in hand on 31st December 1871.		3,08,440	9 4
Amount paid on account of Tents burnt.	91	0	0	,, Interest on Government Paper less debits for Commission, etc.		8,127	3 10
Amount paid on account of packages of cigars burnt.	6	8	0	,, Contribution for half-year as per Abstract G. ...		20,727	4 4
To Balance in hand on 30th June 1872.		3,37,197	9 6				
Govt. Paper of 4½% Loan for Rs. 2,95,800.	3,15,326	1	11				
Cash	21,871	7	7				
Total...		3,37,295	1 6	Total...		3,37,295	1 6

No. 12.—Statement of Engine and Rolling Stock.

	Description.	Total Stock authorized up to 30th June 1872.	Total Stock constructed against authorization up to 31st December 1871.	Addition to Stock during the half-year 30th June 1872.	Total Stock constructed up to 30th June 1872.	Actual Stock running on the 30th June 1872.	Repairs and Renewals. Total number of Vehicles renewed during the half-year 30th June 1872.	Total number of Vehicles repaired during the half-year 30th June 1872.	Total number of Vehicles undergoing renewals on the 30th June 1872.	Total number of Vehicles undergoing repairs on the 30th June 1872.	Average number undergoing repairs and renewals at any one time.
											81
											167
Engines.	Tank	20	20	.....	20	3	.....	.....	.....	.....	
	Passenger	2	2	.....	2	1	.....	.....	.....	.....	
	Goods	104	104	.....	104	40	.....	3	.....	.....	
Vehicles.	Sleeping carriages	4	4	.....	4	4	.....	.....	.....	2	
	Saloon ,, ...	22	15	.....	15	13	.....	15	.....	5	
	First-class ,, ...	57	55	.....	55	50	.....	32	.....	5	
	Second ,, ,, with brakes ...	5	.....	.....	.....	.....	.....	.....	.....	.....	
	Third ,, ,, ,, with brakes ...	207	146	35	181	164	149	87	.....	17	
	,, ,, ,, upper storied carriages	30	30	.....	30	23	87	1	.....	7	
	Composite carriages	2	2	.....	2	1	1	.....	.....	1	
	Night composite carriages ...	31	26	.....	26	27	30	30	12	6	
	Covered carriages or cooly class ...	16	6	.....	6	24	10	10	1	1	
	Open goods wagons	25	25	.....	25	341	6	6	.....	1	
	Open sided goods wagons ...	80	852	.....	342	1,785	920	920	75	75	
	High sided open goods wagons ...	2,152	1,860	.....	1,860	5	5	5	.....	4	
	High open goods wagons ...	6	5	.....	5	240	17	17	4	5	
	Ballast wagons	293	244	.....	244	405	272	272	.....	.....	
	Coke ,, ...	360	410	.....	410	7	4	4	.....	.....	
	Road ,, ...	7	7	.....	7	35	12	12	12	15	
	Cattle ,, ...	35	35	.....	35	7	13	13	.....	1	
	Road brake wagons	25	23	.....	22	27	11	11	.....	2	
	Covered goods wagons	75	28	.....	28	28	8	8	3	4	
	Carriage trucks	30	20	.....	30	137	54	54	.....	.....	
	Timber ,, ...	150	144	.....	144	6	.....	.....	.....	.....	
	Platform ,, ...	.....	6	.....	6	25	.....	.....	.....	.....	
	Passengers' luggage vans ...	25	25	.....	25	56	10	10	.....	2	
	Goods brake vans	69	60	.....	60	3	45	45	.....	.....	
	Gun powder ,, ...	3	3	.....	3	3	6	6	.....	.....	
	Oil store ,, ...	3	3	.....	3	4	4	4	.....	.....	
	Water tracks with tank	4	4	.....	4	1	1	1	.....	.....	
	Engineers' inspection carriage with brake.	1	1	.....	1	4	.....	.....	.....	.....	
	Travelling cranes on trucks ...	4	4	.....	4	38	.....	27	.....	.....	
	Horse-boxes	50	40	.....	40	.....	.....	.....	.....	.....	
	Fire Engine trucks	2	.....	.....	.....	.....	.....	.....	.....	.....	

No. 13.—*Mileage Statement.*

	Miles.	Chains.	Links.
Lines owned by Company, sanctioned not commenced	.....	.....	.....
Do. do. under construction	26	7	.....
Do. do. constructed and not worked ...	.....	.....	.....
Do. do. do. and worked by Company	831	57	93
Do. do. do. by others...	.....	.....	.....
Total...	857	64	93
Lines worked by Company—			
Its own	831	57	93
Foreign	.....	.....	.....
Total...	831	57	93
Foreign Lines worked over by Company	.....	.....	.....

No. 14.—*Statement of Train Mileage.*

		No.	Estimated Locomotive Expenses.
			Rs.
(1.)	Train miles run for Traffic Department	886,896	4,33,052
(2.)	Do. for Locomotive ,, ...	24,137	11,785
(3.)	Do. for Maintenance ,, ...	37,433	18,278
	Total...	948,466	4,63,115
(4.)	Hours of Assisting Engines	18	120
(5.)	Do. of Shunting, Piloting, etc.	19,074	83,258
(6.)	Do. of Miscellaneous Services	2,298	6,010
	Total...	21,390	89,388
	Total Cost...	.....	5,52,503

No. 15.—*Distribution Statement of Audited Salaries.*

Departments.	Capital.			Revenue.			Total Audited.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Home Expenditure	2,454	8	8	(a) 818	2	11	3,272	11	7
Engineering	18,686	12	9	(b) 17,532	10	1	36,219	6	10
Locomotive	2,054	7	10	(c) 5,555	7	7	7,609	15	5
Carriage and Wagon	6,197	6	9	(d) 3,798	6	9	9,995	13	6
Agency	3,108	11	9	(e) 1,905	5	9	5,014	1	6
Audit	1,893	6	3	(f) 1,160	7	6	3,053	13	9
Account	4,674	5	3	(g) 2,864	14	6	7,539	3	9
Paymaster (Cashier)	6,369	10	2	(h) 3,137	4	6	9,506	14	8
Store	1,002	8	9	(i) 619	4	5	1,621	13	2
Medical	904	1	6	(j) 1,414	1	6	2,318	3	0
Electric Telegraph	47,345	15	8	38,803	1	6	86,152	1	2

(a) Rupees 27,827 2 11 Salaries wholly chargeable to Revenue—Total Revenue Rs. 28,655 5 10
(b) ,, 25,650 9 1 do. do. ,, 43,183 3 2
(c) ,, 8,509 8 8 do. do. ,, 14,065 0 3
(d) ,, 10,052 8 9 do. do. ,, 13,850 15 6
(e) ,, 18,384 1 1 do. do. ,, 20,289 6 10
(f) ,, 3,095 13 9 do. do. ,, 4,256 5 3
(g) ,, 10,151 12 2 do. do. ,, 13,016 10 8
(h) ,, 8,197 10 0 do. do. ,, 11,334 14 6
(i) ,, 9,519 3 9 do. do. ,, 10,138 8 2
(j) ,, 3,091 7 0 do. do. ,, 4,505 8 6

No. 16.—*Statement of Net Profits for half-year ending 30th June 1872.*

	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.
To Balance outstanding from last Account ...	21,882	0	0	By traffic earnings paid to Government during the half-year ending 30th June 1872	33,03,381	1	1			
To gross earnings as per Revenue Account ...	31,66,188	11	2	Deduct earnings paid in during January and February 1872 taken to account in half-year ending 31st December 1871	3,34,265	0	8	29,69,116	0	5
				Add earnings of this half-year paid in during July and August 1872	1,38,465	2	11			
				Do. Amount paid in England to the Secretary of State	26,973	10	11			
				Do. Interest due from Government on the Revenue Balances of this half-year	14,613	3	6	1,80,052	1	4
				Balance *i.e.*, traffic earnings up to 30th June 1872, unrealized on the 1st September 1872—				31,49,168	1	9
				Traffic Department	10,704	2	7			
				Rents	682	2	1			
				Foreign Railways	27,516	4	9	38,902	9	5
Total ...	31,88,070	11	2	Total...	.....			31,88,070	11	2
Traffic receipts paid to Government, as per above Statement					.....			31,49,168	1	9
Deduct working expenses, as per Revenue Account					.....			16,42,162	12	4
				Balance being net profits for the six months...	.....			15,07,005	5	5

(Signed) J. CRAMP,
Chief Accountant.
(Signed) F. CHURCH,
Chief Auditor.

Examined and found correct.
(Signed) C. M. MOBERLY, Captain,
Government Examiner.

(Signed) R. B. ELWIN,
Agent and Manager.

Approved and passed.
(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E.,
Consulting Engineer to Government.

LIST OF MADRAS RAILWAY RATES AND DISTANCES FROM ERODE STATION.

For Goods.

The "Great Southern of India Railway" and "Madras Railway Classification of Goods."

For Parcels.

Distance.	10 lbs. and under.	11 to 20 lbs.	21 to 40 lbs.	41 to 80 lbs.	81 to 100 lbs	101 to 125 lbs.	126 to 150 lbs.	151 to 200 lbs.	201 to 250 lbs.
	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.
1 to 50 miles	0 4	0 6	0 8	0 12	1 2	1 8	1 14	2 4	2 10
51 to 100 ,, ...	0 6	0 9	0 12	1 2	1 10	2 2	2 10	3 2	3 10
101 to 150 ,, ...	0 8	0 12	1 0	1 8	2 2	2 12	3 6	4 0	4 10
151 to 200 ,, ...	0 10	0 15	1 4	1 14	2 10	3 6	4 2	4 14	5 10
201 to 250 ,, ...	0 12	1 2	1 8	2 4	3 2	4 0	4 14	5 12	6 10
251 to 300 ,, ...	0 14	1 5	1 12	2 10	3 10	4 10	5 10	6 10	7 10
301 to 350 ,, ...	1 0	1 8	2 0	3 0	4 2	5 4	6 6	7 8	8 10
351 to 400 ,, ...	1 2	1 11	2 4	3 6	4 10	5 14	7 2	8 6	9 10

For Ice, Fish, Meat, and Vegetables.

Distance.	10 lbs. and under.	11 to 20 lbs.	21 to 40 lbs.	41 to 80 lbs.	81 to 100 lbs.	101 to 125 lbs.	126 to 150 lbs.	151 to 200 lbs.	201 to 250 lbs.
	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS A.	RS. A.	RS. A.	RS. A.
1 to 50 miles	0 3	0 5	0 6	0 9	0 12	0 15	1 2	1 8	2 0
51 to 100 ,, ...	0 5	0 6	0 8	0 12	0 15	1 2	1 5	1 14	2 7
101 to 200 ,, ...	0 8	0 9	0 12	1 2	1 4	1 7	1 10	2 7	3 0
201 to 300 ,, ...	0 9	0 12	0 15	1 5	1 8	1 11	1 14	3 0	3 11
301 to 400 ,, ...	0 11	0 15	1 2	1 8	1 13	2 0	2 2	3 9	4 4

Packages weighing more than 250 lbs. to be charged for in proportion to the rates for 250 lbs.

For Passengers' Luggage.

First Class	82 lbs. free
Second ,, ...	25 ,, ,,
Third ,, ...	15 ,, ,,

All luggage in excess of these quantities (whether in the owner's charge or not) 2 Pies per 82 lbs. per mile.

For Horses, Carriages, and Dogs.

One Horse	1½ Annas per mile.
Two Horses (if one property)	2½ ,, ,, ,,
Three ,, (,,)	3 ,, ,, ,,
Four-wheeled carriage	2½ ,, ,, ,,
Two ,, ,, ...	1½ ,, ,, ,,
Palanquin ,, ...	1 Anna ,, ,,

Dogs.

1 to 50	0 8 0 each.
51 ,, 100	1 0 0 ,,
101 ,, 150	1 4 0 ,,
151 ,, 200	1 8 0 ,,
201 ,, 250	1 12 0 ,,
251 ,, 300	2 0 0 ,,
301 ,, 350	2 4 0 ,,
351 ,, 400	2 8 0 ,,

Proceedings of the Madras Government, Public Works Department,
20th March 1873.

No. 499. ORDER THEREON, 20th March 1873, No. 880.

RAILWAY, No. 45.

ORDERED that this Review be forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 500. (DOCKET, No. 881, dated 20th March 1873.)

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

Govt. of 1873 Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT

OF INDIA.

Dated March 20th.

Recd. *Encl.*

G. O., 20th March 1873, No. 681.

MARCH

Nos. 498-500

FORWARDING Review of the Revenue Account of the Madras Railway for first half of 1872.

37

Madras Railway

TABLE A.

GENERAL STATEMENT of Working of half-year ending *30th June 1872.*

TRAFFIC.	PASSENGERS OR TONS OF GOODS CARRIED. Number.	Per cent. of total number and total tonnage.	EARNINGS. Amount.	Per cent. of total earnings from Coaching and from Goods.	Percentage of total earnings contributed by each description of traffic.
			Rs.		
COACHING — Passengers — 1st-Class	4,906	0·39	69,610	5·81	37·76
2nd "	67,345	4·57	84,369	7·05	
3rd "	1,015,697	82·10	839,535	70·11	
4th "	149,532	11·94	58,182	4·92	
Miscellaneous earnings	"	"	144,939	12·11	
TOTAL	1,253,570	100·0	1,195,555	100·0	
GOODS — Special	Tons. 69,582	38·37	500,447	27·05	58·44
1st-Class	63,398	3·49	528,492	28·44	
2nd "	21,850	12·23	261,694	14·09	
3rd "	13,894	7·64	217,906	11·78	
4th "	5,292	2·92	152,815	8·24	
5th "	3,547	1·96	122,347	6·61	
Government Stores	1,244	0·67	38,855	2·11	
Railway Materials	2860	1·58	14,337	0·78	
Minerals	"	"	15,715	0·85	
Miscellaneous earnings	"	"			
TOTAL	181,067	100·0	18,50,108	100·0	
Miscellaneous, including electric telegraph, and sundries	"	"	1,20,000	"	3·80
Grand Total	"	"	31,66,180	"	
Less outstandings irrecoverable	"	"	"	"	
Grand Total	"	"	31,66,180	"	100·0

FINANCIAL RESULTS.	Coaching. Total.	Coaching. Per pas. carriage train mile.*	Goods. Per open mile per week.	Total.	Total (including Miscellaneous earnings) and less irrecoverable outstandings. Per total train mile.	Per open mile per week.	Percentage of profits on paid up Capital.
	Rs.	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs.	Pr. ct.
Earnings (M. 11., page 14.)	1,195,535	3-11-9	65-2-7	18,50,108	3-11-4	48-3-6	1·54
Expenses (M. 11., page 14.)	5,99,810	1-11-6	25-11-7	12,29,691	2-1-1	32-0-5	
Profits	5,95,737	2-0-3	39-3-0	6,20,417	1-10-3	16-3-1	
Percentage of expenses to earnings	49·98	"	"	66·47	"	"	

N. B.—Where "ton mileage" is mentioned, it invariably refers to the total ton mileage (Table M. I., 22, page 18).

* These divisions include mixed train mileage, which is distributed among the total number of Passenger vehicles miles run in mixed trains, by the average number of vehicles in a Passenger Train, and those miles, which is added to the total number of goods vehicle miles in such trains by the average number of vehicles in Goods Train.

A similar process will enable composite vehicles to be represented in terms of the vehicles of each class by taking into consideration the number of compartments of each class in such composite vehicles. Thus, a carriage containing one 1st and two 2nd Class compartments is reckoned as ⅓ of a 1st Class carriage and ⅔ of a 2nd Class carriage. Vehicles of which a portion is given up to Post Office purposes, are to be treated in the same way.

Govt. of India Railways

TABLE A.—(Continued.)

GENERAL STATEMENT of Working of half-year ending 30th June 1872.—(Continued.)

Haulage.	Passenger.	Goods.	Mixed.	Total.
Number of Trains run for public traffic ...	235	1,647	4062	5944
Train mileage (D. I, 1, page 7.) ...	15857	177.891	659.796	853,514
Gross ton mileage (M. I, 22, page 9) ...	-	-	-	161,750,445

Average composition of Trains.		Average Number of Vehicles.			Average Number of Seats per Vehicle.		Average weight of Trains.	
		Passenger trains.	Goods trains	Mixed trains.	Provided.	Used.	Freight or live load.	Dead load, exclusive of Engine and Tender, and Brakes
							Tons.	Tons.
Passengers ...	1st Class	1·071	0·005	0·695	14·401	1·708	5·139	33·690
	2nd "	3·752	0·021	1·183	48·000	3·678		
	3rd "	4·897	0·640	3·005	50·393	24·371		
	4th "	0·313	0·007	0·397	50·000	20·962		
	Others (including Brakes) ...	1·938	0·502	1·326	-	-		
Goods. (Vehicles of all kinds including brakes) ...		2·652	18·124	9·376	Carrying Capacity in Tons 1·25 to 6·60 according to the nature of goods		35·546	58·889
		14·323	19·300	15·982			40·685	92·579

(N. B.—For average load per vehicle, see page 16.)

Open Mileage on 30th June 1872 exclusive of Sidings.			Mean mileage worked.	Average number of stations maintained.	Capital expended on open mileage, inclusive of Rolling Stock.	Cost per mile open.	Total length of the following gradients:—			Steepest Gradients worked by—			
Single.	Double.	Total.					1/100 and less.	1/101 to 1/200	1/201 to 1/300	Fixed power.		Locomotives.	
										Length.	Inclination.	Length.	Inclination.
					£	£	M. Ch.	M. Ch.	M. Ch.	M. Ch.		M. Ch.	
832	-	832	832	79	9,04,971·5	10,866	63·58·5	200·57·0	121·74·5	-	-	0·65.	1 in 60

TABLE B.

Statement showing in comparison the Coaching Traffic of the half-years ending 30th June 1871 and 30th June 1872.

Reference to Revenue Account. Table and Main head.	Sub-head.	Details	Number. 1st half, 1871.	Number. 1st half, 1872	Fare per Mile. 1st half, 1871.	Fare per Mile. 1st half, 1872	Receipts. 1st half, 1871	Receipts. 1st half, 1872	Average Mileage. 1st half, 1871.	Average Mileage. 1st half, 1872.
					Pies.	Pies.	Rs.	Rs.		
X. (H.) 1	...	1st Class Passengers—								
		Single Journey	3033	2897	Day 18 hrs. Night 22 hrs	Day 18 hrs. Night 22 hrs	45,772	49,391	"	176·35
		Excess Fares	110	"			602	426	"	"
		Return Journey ...	2244	1934			18,141	17,565	"	150·13
		Troops and Police ...	36	52			1079	1,228	"	"
		Total ...	5313	4883	"	"	65,594	68,610	148·4	166·01
		Season tickets ...	1	23	"	"	"	900	"	"
	1	... 2nd Class—								
		Single Journey	52,335	54,669	Between Comilla & Kishtea 4 hrs Kishtea & Goalundo 5 hrs		79,964	77,208	"	51·84
		Excess Fares	444	"			527	305	"	"
		Return Journey ...	3072	2,244			4,297	3,090	"	73·14
		Troops and Police ...	349	389	Days 5 hrs. Between Goalundo & Kishtea 4 hrs and Kishtea & Serajgunj 3 hrs.		2,266	2939	"	"
		Total ...	55,756	57,302	"	"	87,054	83,542	574	52·67
		Season tickets ...	"	33	"	"	"	827	"	"
	1	... 3rd Class—								
		Single Journey	843,491	949,196	3 hrs. Night 4 hrs	Day 3 hrs. Night 4 hrs	6,71,003	7,74,025	"	52·27
		Excess Fares	8,516	"			2,236	2,447	"	"
		Return Journey ...	67,610	79,896			22,017	28,252	"	34·05
		Troops and Police ...	10,595	12,505			24,864	33,831	"	"
		Total ...	921,696	1,041,597	"	"	7,20,119	8,38,555	50·3	50·87
		Season tickets ...	"	"	"	"	"	"	"	"

TABLE B.—(*Continued.*)

Statement showing in comparison the Coaching Traffic of the half-years ending 30th June 1871 and 30th June 1872.

Reference to Revenue Account.		DETAILS.	Number.		Fare per Mile.		Receipts.		Average Mileage.	
Table and Main head.	Sub-head.		1st half, 1871.	1st half, 1872.	1st half, 1871.	1st half, 1872.	1st half, 1871.	1st half, 1872.	1st half, 1871.	1st half, 1872.
					Pies.	Pies.	Rs.	Rs.		
1	...	4th Class—								
		Single Journey	123,676	149,532			48735	58182	"	36·95
		Excess Fares	"	"			"	"	"	"
		Return Journey ...	"	"	2	2	"	"	"	"
		Troops and Police ...	"	"			"	"	"	"
		Total...	123,676	149,532	"	"	48735	58182	37·1	36·95
		Season tickets...	"	"	"	"	"	"	"	"
			Ton Miles Tons.	Ton Miles Tons.						
2	...	Passengers' Luggage ...	70,614	57,611	"	"	20,435	17,160	133·9	154·04
3	...	Military Baggage	19,250	21,687	"	"	5,413	6,176	"	243·67
			No.	No.						
4	1	Public ... Carriages ...	406	285	"	"	9,742	[illegible]	"	193·11
	2	Horses ...	1,348	1,130	"	"	20,482	16,870	"	214·45
	3	Dogs ...	1,648	1,525	"	"	2,401	2,218	"	172·67
5	1	Military ... Carriages ...	2	"	"	"	48	"	168·9	"
	2	Horses ...	29	27	"	"	670	504	213·2	233·59
	3	Dogs ...	"	25	"	"	"	14	"	326·72
			Ton Miles Tons.	Ton Miles Tons.						
6	...	Parcels...	29,188	121,196	"	"	49,144	43,998	150·5	162·24
			No.	No.						
7	...	Special Trains	"	31	"	"	40,021	47,534	"	176·52
		Corpses	"	2	"	"	"	124	"	124·50
8	...	Post Office—								
		Haulage and hire of Post Office vehicles ...	"	"	"	"	"	"	"	"
8	1	Special Trains	"	"	"	"	"	"	"	"
	2	Parcels	"	"	"	"	1,709	1,050	"	"
	3									
		Total...	"	"	"	"	149,045	144,934	"	"
		Grand Total ...	"	"	"	"	1070,547	1195,555	"	"

TABLE C.

Statement showing in comparison the Goods Traffic of the half-year ending 30th June 1871. and 30th June 1872.

Reference to Revenue Account. Table and Main head.	Sub-head.		Quantity. 1st half of 1871. Up.	Quantity. 1st half of 1871. Down.	Quantity. 1st half of 1872. Up.	Quantity. 1st half of 1872. Down.	Rate per Ton Mile. 1st half of 1871.	Rate per Ton Mile. 1st half of 1872.	Receipts. 1st half of 1871.	Receipts. 1st half of 1872.	Average Mileage. 1st half of 1871.	Average Mileage. 1st half of 1872.
			Tons.	Tons.	Tons.	Tons.	Pies.	Pies.	Rs.	Rs.		
(1.) 1	...	General Merchandize—										
		Special Class ...	1693867	1033462	7385238	4903829	7·84	7·81	111477	500467	187·86	176·61
		1st " ...	793989	3152950	5659267	3880399	9·64	10·59	551,991	526,172	147·81	150·47
		2nd " ...	1298632	2496449	1283439	2276776	11·39	10·11	284,320	261,694	151·58	162·94
		3rd " ...	921533	2260661	919962	1461551	16·85	17·61	279,410	217,946	191·54	171·41
		4th " ...	746402	306339	357427	818536	23·49	24·71	129,902	152,615	189·61	222·21
		5th " ...	311628	367361	330818	293496	38·21	37·62	133,125	122,347	198·84	176·01
		Total ...	12809951	9605363	15936171	13631567	"	"	14,89,085	17,81,261	"	166·53
2	...	Military Stores ...	46027	24434	297973	18,971	29·25	23·54	10737	38866	189·41	258·94
3	...	Railway Materials for Construction ...	1048653	303532	160921	116,271	15·02	9·43	105801	14,337	144·59	96·92
6	...	Minerals—										
		For the public ...										
		" Company ...										
		(*Construction only*)										
		Total ...	1094680	327966	458894	135242	"	"	116538	53192	"	145·47
		GRAND TOTAL...	"	"	"	"	"	"	16,19,256	19,50,168	"	"
			Miles No.	Miles No.	Miles No.	Miles No.	Rate per animal per mile.					
							Pies	Pies				
4	...	Live Stock—										
		Horses... ...	17482	43918	104165	28759	9·34	7·54	2940	5225	213·26	239·09
		Cattle	27416	66443	41148	53947	5·17	4·30	2530	2133	190·38	193·68
		Sheep	66819	76663	67505	116905	0·90	0·72	676	698	83·42	112·37
5	...	Military Live Stock—										
		Horses	42001	32620	65402		7·64	7·19	3113	2448	213·26	378·04
		Cattle	952	190	272	272	13·61	12·00	81	34	190·38	136·00
		Sheep	"	"	"	"	"	"	"	"	"	"
7		Rents and demurrage, Wharfage & Storage &c.	"	"	"	"	"	"	3902	4316	"	"
8		Interest on outstanding bills.	"	"	"	"	"	"	411	861	"	"
		Total ...	154669	219834	278492	199883	"	"	13,702	15,715	"	"

TABLE C—(1):

Comparative Statement showing the weight and earnings of the principal commodities carried during the above half-years.

Description.	Quantity.		Receipts.		Increase in Quantity.	Decrease in Quantity.	Increase in Receipts.	Decrease in Receipts.
	1st half, 1871.	1st half, 1872.	1st half, 1871.	1st half, 1872.				
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Baggage of Military	181	143	3566	3647	-	38	"	19
Ballast & Stones	1693	1302	6583	5491	-	391	"	1092
Bamboos	2147	2162	11740	10154	15	"	"	1586
Beer	372	392	8169	7437	20	"	"	722
Betel Nuts	2219	2313	28943	27659	94	"	"	1284
Brass & Copper	159	327	2273	4485	168	"	2212	"
Charcoal, Coke & Coal	367	540	3566	4061	173	"	495	"
Chillies	1214	1469	7741	10228	255	"	2487	"
Chunam & Lime	595	641	1030	1203	46	"	173	"
Cloths & Piece Goods	1707	2050	44983	54068	343	"	9085	"
Cocoanuts	439	806	3563	12783	367	"	9220	"
Coffee	5198	3540	90875	55419	-	1658	"	35456
Commissariat Stores	1	712	99	17368	711	"	17269	"
Cotton Loose	1877	2640	62297	50806	763	"	"	11491
Do - Aprejus	866	1692	32901	70102	826	"	37201	"
Do - B "	3314	689	72173	22998	"	2625	"	49175
Do - 6 "	"	23	"	696	23	"	696	"
Do - D "	"	2361	"	46378	2361	"	46378	"
Do - E "	"	1491	"	28147	491	"	28147	"
Dye or Redwood	369	1737	2127	10888	1368	"	8761	"
Firewood	5224	5858	21484	20522	634	"	"	962
Fruits & Vegetables	1042	1213	9582	10842	171	"	1260	"
Furniture	37	46	1111	1255	9	"	144	"
Ghee	629	734	10707	13319	106	"	2612	"
Grain	10136	12030	44453	58949	1909	"	14496	"
Gypsum	773	3180	7876	17947	2357	"	10069	"
Ground Nuts	408	1614	1912	11041	1266	"	9129	"
Gunnies	1509	1854	18080	23163	345	"	5083	"
Hay	3	12	23	38	9	"	15	"
Indigo	631	585	12099	10684	"	46	"	1415
Iron of all kinds	2964	3025	47073	44980	61	"	"	2093
Jaggree	2195	3395	17609	24612	1200	"	7163	"
Luggage	238	321	6268	8119	83	"	1861	"
Oil of all kinds	3383	3277	32248	38178	"	106	5930	"
Ordnance Stores	189	335	7072	17837	146	"	10765	"
Paddy	1072	2173	4188	13464	1101	"	9276	"
Pitch, Tar & Asphalte	24	51	353	696	27	"	343	"
Potatoes	1454	1358	18004	17385	"	96	"	619
Powder & Ammunition	35	12	2416	887	"	23	"	1529
Raggy	1645	4800	13069	38768	3155	"	25719	"
Rice	23770	38200	195886	310950	14430	"	115064	"
Salt	22279	21695	164721	151368	"	584	"	13353
Salt-fish	917	1228	9006	13067	311	"	4022	"
Saltpetre	176	655	3331	10272	379	"	6941	"
Seeds of all kinds	4363	5415	46608	45263	1052	"	"	1365
Skins	1851	3257	30239	48506	1406	"	18267	"
Sugar of all kinds	1446	2826	13981	23819	1380	"	9838	"
Sundries	17072	18628	227360	252456	1556	"	25096	"
Tamarind	3766	3736	23174	20902	"	31	"	2272
Timber	4115	6841	26695	42277	1726	"	15582	"
Tobacco	2231	2432	14316	18383	201	"	4067	"
Toys &c	1241	1446	31490	35451	205	"	3961	"
Wines & Spirituous Liquors	1360	641	24650	11894	"	719	"	12756
Total...	140896	178786	14,99,762	18,29,116	44207	6317	4,57,643	137279

TABLE D.

Statement of mileage maintained from Revenue Funds.

Reference to Revenue Account.		Details.	1st half of 1871.			1st half of 1872.				
Table and main-head.	Sub-head.		Departmentally	By Contract.	Total.	Departmentally	By Contract.	Total.	Total Increase.	Total Decrease
IX. (A.)	...	1. Mean miles of line maintained ... Single ...	677¼	"	677¼	707¼	"	707¼	30	"
		2. Mean miles of line maintained ... Double ...	"	"	"	"	"	"	"	"
		3. Mean miles of line maintained ... Total ...	677¼	"	677¼	707¼	"	707¼	30	"
		4. „ Sidings maintained, Total	77¼	"	77¼	81¼	"	81¼	4	"
		5. „ Single Track Total including Sidings	754½	-	754½	788½	"	788½	34	"

TABLE D—I.

Statement of Train Mileage.

	DETAILS.	Train Miles run for			Hours of		
		*Traffic Department.	Locomotive Department.	Maintenance Department.	Assisting Engines.	Shunting, Piloting, &c.	Miscellaneous Services.
	Reference to Revenue Account.	XIV. 1.	XIV. 2.	XIV. 3.	XIV. 4.	XIV. 5.	XIV. 6.
1	1st half, 1871. Passenger.	813,647	52,540	87,130	19	18,881	2,099
	1st half, 1871. Goods ...						
	1st half, 1871. Mixed						
	1st half, 1871. Total ...	813,647	52,540	87,130	19	18,881	2,099
2	1st half, 1872. Passenger.	15,857					
	1st half, 1872. Goods ...	177,891	24,137	37,433	18	19,074	2,298
	1st half, 1872. Mixed ...	659,796					
	1st half, 1872. Total ...	853,544	24,137	37,433	18	19,074	2,298
3	Increase in 1872. Passenger.						
	Increase in 1872. Goods ...	39,897	"	"	"	193	199
	Increase in 1872. Mixed ...						
	Increase in 1872. Total ...	39,897	"	"	"	193	199
4	Decrease in 1872. Passenger.						
	Decrease in 1872. Goods ...	"	28,403	49,697	1	"	"
	Decrease in 1872. Mixed						
	Decrease in 1872. Total ...	"	28,403	49,697	1	"	"

* The division beween Passenger, Goods and Mixed Trains need only be carried out, unless desired for local purposes, in the Train mileage run for the Traffic Department, which is the Train mileage to be used for the purposes of calculation.

TABLE E.

MAINTENANCE of Way, Works, and Stations.

Reference to Revenue Account.			1st half of 1871.	1st half of 1872.						
Table and Main head.	Sub-head.		Total.	Total,	Increase.	Decrease.				
XIV.	...	Train Mileage run for Traffic Dep. D. I xiv. 1.	813,647	853,544	39,897	-				
		Ton Mileage do. do. M. I....	150,744,872	161,750,448	11,005,933	-				
		DETAILS.	1st half of 1871.	1st half of 1872.			Per mile of line maintained. D. 3.	Per mile of Track including Sidings. D. 5.	Per Train Mile.	Per 1,000 Ton Miles.
			Total.	Total.	Increase.	Decrease.				
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	As.	Rs.
IX. (A.) I. If done Departmentally.		Superintendence—								
	1 & 2	Engineer's salaries & allowances.	31.064	47.768	16.704	-	67·541	60·581	0·895	0·295
	3 to 5	Inspectors' and Plate-layers' salaries and allowances, including over-time	12,849	19,360	6511	-	27·374	24·553	0·363	0·120
	6	Office expenses	8891	22,604	13,713	-	31·961	28·667	0·424	0·140
	2	Maintenance and Renewals of Permanent Way—								
	1	Wages	130,357	141,111	-		5·244	178·158·669	2·315	0·773
	2	Materials	102,055	98,033	-		4·022	124·329	1·836	0·606
	3	Repairs of Bridges, &c., Wages and Materials—								
	1	Bridges and Tunnels	130,095	78,205	-		51·890	99·182	1·486	0·484
	2	Miscellaneous	28,358	23,643	-		4,715	33·429	0·443	0·146
	4	Repairs of Stations and Buildings: Wages and Materials—								
	1	Repairs of all except Staff Quarters	24,009	23,152	-		857	32·736	0·434	0·143
	2	Repairs of Staff Quarters ...	6,293	5,354	-		939	7·570	0·100	0·033
	5	... Maintenance by Contract—	-	-	-		-	-	-	-
	6	Unclassified Expenditure—								
	1	Plantations	-	-	-		-	-	-	-
	2	Tools and Plant	20,738	7,441	-		13,297	10·521	9·437	0·140	0·046
	3	Loss on Stores, &c.	-	-	-		-	-	-	-
		Total ...	4,94,709	4,60,671	36,928	80,966	657·216	571·555	8·448	2·786

Deduct sum chargeable to Cheyair Bridge restoration 116880

Total ..... 333791 which is the amount shown under this head in Form No 8 of Revenue Account.

TABLE F.

Locomotive Department Expenses.

Reference to Revenue Account. Table and Main head.	Sub-head.		1st half of 1871. Total.	1st half of 1872. Total.	Increase.	Decrease.	
XIV.	...	Train Mileage (D. 2, I. p. 7)	812,647	853,544	39,897	"	
		Ton Mileage (M. I. 22, p. 16)	150,744,612	161,750,445	11,005,933	"	

Reference to Revenue Account. Table and Main head.	Sub-head.	DETAILS.	1st half of 1871. Total.	1st half of 1872. Total.	Increase.	Decrease.	Per Train Mile.	Per 1,000 Ton Miles.
		General Superintendence—	Rs.	Rs.	Rs.	Rs.	A.	Rs.
IX. (B.) 1	1 & 2	Salaries of Locomotive Superintendents and Assistants, including allowances.	9,823	13,289	3,466	"	0·249	0·082
	3 to 5	Ditto of Foremen, including allowances and overtime	20,363	29,209	8,846	"	0·547	0·181
	6	Office Expenses	13,263	13,908	645	"	0·261	0·086
		Running Expenses—						
2	1 & 2	Wages of Drivers and Firemen, including overtime	91,180	85,693	"	5,487	1·666	0·529
	3	Fuelling, cleaning, and looking after Engines	17,298	16,214	"	1,084	0·304	0·100
	4	Contingent Expenses	1,138	340	"	798	0·006	0·002
		Fuel—						
	1	Coal	35,667	58,708	23,041	"	1·100	0·363
	2	Coke	27,404	24,807	"			
	3	Patent Fuel	14,446	31,298	16,852			
	4	Wood	105,128	108,996	3,867	"	2·448	0·674
4	1,2 & 3	Water—	13,219	13,446	227	"	0·252	0·083
5	...	Oil, Tallow, &c.—	11,698	10,869	"	829	0·204	0·067
		Maintenance and Renewals—						
6	1 & 2	Wages, including overtime ...	77,296	78,228	932	"	1·466	0·484
	3	Materials	60,776	67,495	6,719	"	1·265	0·417
7	...	Services of other Lines—	294	"	"	294	"	"
8	...	Unclassified Expenditure—	"	"	"	"	"	"
		Total ...	559,001	552,504	64,692	71,089	10·356	3·415

			Total Quantity.	Total Quantity.	Increase	Decrease.	Quantity per Train Mile.	Quantity per 1,000 Ton Miles.
XI. (B) 3	1	Coal consumed	Tons. 1,544	Tons. 3,262	Tons. 1,718	Tons. "	lbs. 8·560	lbs. 45·173
	2	Coke do.	2,658	775	"	1,883	2·033	10·732
	3	Patent Fuel do.	499	1,304	805	"	3·422	19·058
	4	Wood do.	23,466	24,328	862	"	63·845	336·898

TABLE F—I

Locomotive Power.

Reference to Revenue Account.		DESCRIPTION.	Passenger.	Goods ~~and Passenger~~	Goods.	Tank.	Total.
Table and Main head.	Sub-head.						
		Locomotives ... Wheels coupled ...	...	6 wheels coupled	...	4 wheels coupled.	-
		Locomotives ... Weight on driving axle.	14 tons.	10·19 tons. to 12·36	- tons.	9·74 tons to 13·25.	-
		Locomotives ... Total weight in steam, exclusive of tender ...	24·75 tons.	27·21 tons. to 34·40	- tons.	-	-
XII.	...	1.—Number of Locomotives erected and made over to Locomotive Department	2	104	-	20	126
		2.—Average number of Locomotives constantly under repairs ...	1	28	-	2	31
		3.—Average number of Locomotives at work (1—2)	1	76	-	18	95
		4.—Train miles hauled by each class of Locomotives at work (3) ...	3103	1025394	-	103135	1,131,532
		5.—Average train miles hauled by each Locomotive at work (3) ...					
		Per half-year	3,103	13492	-	5724	11,911
		Per day	17	74	-	31	65
		6.—Average speed between stations of trains ... Passenger ...	-	-	-	-	24
		6.—Average speed between stations of trains ... Goods ...	-	-	-	-	16
		6.—Average speed between stations of trains ... Mixed ...	-	-	-	-	17¾
		7.—Average through speed of trains ... Passenger ...	-	-	-	-	23
		7.—Average through speed of trains ... Goods ...	-	-	-	-	15½
		7.—Average through speed of trains ... Mixed ...	-	-	-	-	16½
		8.—Weight of coal, &c., used per train mile ... *To be separated if possible among the classes of Locomotives.*	~~lbs~~ 34·11	~~lbs~~ 28·52	~~lbs~~ -	~~lbs~~ 9·31	~~lbs~~ 27·22
		9.—Weight of wood used—per train mile ... *To be separated if possible among the classes of Locomotives.*	10·15	80·93	-	42·30	77·22
		10.—Average gross weight of the trains hauled by each class of Locomotive.		Not recorded			

N. B—8, 9, and 10 are not absolutely prescribed as there may be at first some difficulty in furnishing the information for all lines; but the facts should be given if possible.

TABLE H.

Traffic Expenses

Reference to Revenue Account.		Details	1st half of 1871.	1st half of 1872.			
Table and Main head	Sub-head.		Total.	Total.	Increase.	Decrease.	
XIV.	...	Train Mileage (run for Traffic Dept. D. I.)	813,647	863,544	39,897	"	
		Vehicle mileage run for Traffic Dept. D. I. — Coaching (M. I.) ...	3,790,464	4,609,003	718,539	"	
		Vehicle mileage run for Traffic Dept. D. I. — Goods (M. I. 14,) ...	7,093,473	8,982,818	1,889,345	"	
		Vehicle mileage run for Traffic Dept. D. I. — Total ...	10,883,937	13,591,821	2,607,884	"	

			1st half of 1871.	1st half of 1872.				
			Total.	Total.	Increase.	Decrease.	Cost per Train Mile.	Cost per 1,000 Vehicle Miles.
			Rs.	Rs.	Rs.	Rs.	As.	Rs.
		Salaries, Wages, &c.—						
IX. (D.) 1	a (1 & 3)	General Superintendence, including travelling allowances	27,085	28,414	1,329	"	0·533	2·106
	a (2 & 4)	Office Establishment and contingencies	15,338	23,015	7,677	"	0·431	1·706
	b	Station Staff	107,844	115,757	7,913	"	2·170	8·580
	c	Train Staff	26,312	28,685	2,373	"	0·538	2·126
2	1 to 3	Fuel, Lighting, Water, and General Stores	30,200	45,102	14,902	"	0·845	3·343
3	...	Clothing, ...	5,911	1,477	"	4,434	0·028	0·109
4	...	Printing, Stationery, and Tickets ...	14,995	19,849	4,854	"	0·372	1·471
5	...	Cattle used for Traffic purposes, and Delivery and Collection of Goods ...	"	"	"	"	"	"
6	...	Miscellaneous Expenses	214	122	"	92	0·002	0·009
		Payments to other Lines—						
7	1	Hire of Vehicles	"	"	"	"	"	"
	2	Mileage of Foreign Stock ...	218	346	128	"	0·006	0·026
	3	Expenses at joint stations ...	"	"	"	"	"	"
8	...	Unclassified Expenditure	"	"	"	"	"	"
		Total ...	2,28,117	2,62,767	39,176	4,526	4·925	19·476

TABLE K.

Steam Boat Service.

Reference to Revenue Account.		Details.	1st half of 1871.	1st half of 1872.		
Table and Main head.	Sub-head.		Total.	Total.	Increase.	Decrease.
IX. (F.)	1	Working Vessels	"	"	"	"
	2	Repairs	"	"	"	"
	3	Fuel	"	"	"	"
	4	Miscellaneous Stores	"	"	"	"
	5	Steam Traffic Agencies	"	"	"	"
	6	Unclassified Expenditure	"	"	"	"
		Total ...	"	"	"	"

TABLE L.

Special and Miscellaneous Expenditure.

IX. (G.)				Rs.	Rs.	Rs.	Rs.
1	...	Law Charges—		4,920	556	"	4,364
2		Compensation—					
	1	For goods lost or damaged		11,460	152	"	11,308
	2	Personal Injury		"	23,455	23,455	"
	3	For other claims		25	210	185	"
3	...	Rates and Taxes—		28,644	20,470	"	8,174
4		Contributions to Special Funds—					
	1	Fire Insurance Fund		11,985	20,630	8,645	"
	2	P. W. Renewal Fund		"	"	"	"
	3	Casualty Fund		"	"	"	"
		Total ...		57,034	65,473	32,285	23,846

ANALYSIS OF CARRYING COST.

TABLE M—I.

Definitions.

The unit of passenger traffic is—1 passenger plus free luggage.
" " carriages is—1 carriage.
" " horses is—1 horse.
" " luggage is—1 ton.
" " post-office vehicles is—1 "
" " goods is—1 "
" " cattle is—1 "

The approximate weight of units adopted in these calculations.

Coaching—

	Cwt.	Ton.
1st-class Passenger with free luggage	1·75	= 0·0875
2nd " " " " "	1·75	= 0·0875
3rd " " " " "	1·25	= 0·0625
4th " " " " "	1·25	= 0·0625
A carriage (average for two and four-wheeled)	6·75	= 0·3375

Coaching—(Concld)

	Cwt.	
A horse	8·75	= 0·4375
A dog	0·20	= 0·0100

Goods—

A head of horned cattle	5·00	= 0·2500
A head of sheep, goats, etc.	0·50	= 0·0250

Data for calculating the incidence of carrying cost per unit per mile for each class of Passenger Traffic and for goods and Minerals.

	Details.	Total mileage of each description of Rolling Stock. (a)	Total mileage of units of traffic. (b)	Average contents in units of each Vehicle. No (c)	Average contents in units of each Vehicle. Weight in Tons. (d)	Average weight of Rolling Stock in Tons. (e)	Total average weight including contents of each Vehicle in Tons. (f)	Tons of Vehicles and freight per ton of freight. (g)	Ton Mileage. Of freight. (h)	Ton Mileage. Of dead weight (i)	Total Ton Mileage. Excluding Engines and Tenders and Brake Vans. (k)	Total Ton Mileage. Including Engines and Tenders and Brake Vans. (l)
	COACHING—											
1	1st Class	476,608	814,468	1·708	0·149	6·708	6·849	45·804	71,266	3,193,273	3,264,539	"
2	2nd "	643,963	3,919,969	3·578	0·313	6·792	7·105	22·691	264,247	5,731,886	5,996,133	"
3	3rd "	2,174,282	12,989,292	24·371	1·523	6·035	7·558	4·962	3,311,830	13,122,184	16,434,014	"
4	4th "	263,599	5,525,613	20·962	1·310	6·000	7·310	6·579	245,351	1,681,594	1,926,945	"
5	Carriage Trucks	70,966	55,055	0·698	0·235	5·159	5·294	22·478	18,581	399,049	417,630	"
6	Horse Boxes	231,120	248,637	1·075	0·476	7·090	7·560	16·062	108,779	1,638,640	1,747,419	"
7	Luggage (including parcels & Horse Vans)	219,239	202,987	0·925	0·925	7·213	8·138	8·789	282,987	1,581,371	1,784,358	"
7	Post Office Vehicles ‖	221,406	"	"	*0·150	6·810	6·960	46·000	33,211	1,507,838	1,541,049	"
8												
9	Total ...	4,509,003	"	"	"	"	"	"	4,356,252	28,755,935	33,112,087	"
10	Passenger Engines and Tenders ...	"	"	"	"	"	"	"	"	"	"	"
	Passenger Brake Vans ‡	244,299	"	"	*0·125	7·128	7·253	58·024	39537	10,733,010	"	"
11	Total Coaching Ton mileage ...	"	"	"	"	"	"	"	"	1,741,359	"	"
									4,386,789	41,230,204	33,112,087	45,616,993

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	Goods—	8,852,449	30,164,894	3·407	3·407	5·588	8·995	2·629	30,164,897	49,473,661	79,638,458	-	
12	Goods Vehicles	130,367	116,750	0·895	0·895	6·070	4·665	7·779	116,750	791,340	908,090	-	
12A	Cattle Vans	-	-	-	-	-	-	-	-	-	-	-	
13	Mineral Trucks §	-	-	-	-	-	-	-	30,281,647	50,264,901	80,546,548	-	
	Total...	8,982,818	"	"	"	"	"	"	"	26,107,691	-	-	
14		-	"	0·125	0·125	9·334	9·169	75·672	58703	4,391,667	-	-	
15	Goods Engines and Tenders	469,634	"	"	"	"	"	"	30,340,350	80,758,249	80,546,548	111,096,599	
16	Goods Brakes	"	"	...	"	"	-	"					
17	**Total Goods Ton mileage...**								Unknown	73,832	73,832	-	
									687,667	643,279	1,330,846	-	
	MISCELLANEOUS FOR STORES CARRIED FREE ON REVENUE ACCOUNT.					8·720	11·567	1·935	496,489	641,774	1,138,263	-	
18	For Traffic Department	9,467	Unknown	-	-	3·591	10·000	2·292	1,184,056	1,358,885	2,542,941	-	
19	„ Locomotive Department	115,053	687,567	5·976	5·971	5·642	-	-	-	2,493,912	-	-	
20	„ Engineering Department... ...	113,746	496,489	4·364	4·364	-	-	-	-	-	-	-	
	Total...	237,266	-	-	-	-	-	-	1,184,056	3,852,797	2,542,941	5,036,853	
20A		-	-	-	-	-	-	-	-	-	-	161,750,445	
20B	Engines and Tenders	-	-	-	-	-	-	-	-				
20C	Brake Vans	-	-	-	-	-	-	-					
21	**Total Miscellaneous Ton mileage**	-	-	-	-	-	-	-					
22	**Total Ton mileage...**	-	-	-	-	-	-	-					

|| Mail carrying vehicles, whether specially constructed sorting carriages or not, are reckoned as Post Office Vehicles. When only portions of vehicles are used for carrying Mails, the mileage is apportioned as directed in the foot-note to Table A.

† The average weight of the contents (including the Post Office servants) of a Post Office Vehicle is assumed on the best data available.

‡ Whenever Brake Vans are loaded with luggage or parcels, the results are included with No. 7 Luggage Vans.

§ This is shown separately when minerals are carried entirely in special vehicles. If not so carried it will be incorporated with goods.

(*a*) This includes the mileage of all vehicles, home and foreign, running on the line, and excludes the mileage of home vehicles on foreign lines.

(*b*) taken from station to station returns, or, in default of these, arrived at by dividing the receipts from each class of traffic by the average rate or fare per unit per mile.

(*c*) $= \frac{b}{a}$; (*d*) for coaching $= c \times$ by weights of units as per definitions, and for goods and luggage $= \frac{b}{a}$, measurement goods being converted to weight at an arbitrary rate; (*e*) from returns furnished by Railway Companies: (*f*) $= d + e$; (*g*) $= \frac{f}{d}$; (*h*) $= a \times f$; (*i*) $= a \times g$;

(*k*) or (*l*) $= h + i$.

(*l*)—i. the ton mileage used for purposes of calculation in analysing expenditure of departments.

* Horses..... 86,699
Cattle..... 25,479
Sheep..... 4,972

* Assumed weight.

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No IV

Classified Cost of working over one mile a Vehicle, including its freight; also total cost of carrying over one mile as unit of each description of Traffic

Details	First class	Second class	Third class	Fourth class	Carriage Trucks	Horse Boxes	Luggage Vans	Post office Vehicles	Goods Vehicles	Cattle vans	Mineral Trucks
	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies
Maintenance	5·211	6·405	5·749	5·561	4·030	5·751	6·191	5·295	6·852	5·305	"
Locomotive	8·563	8·903	9·471	9·477	6·637	9·475	10·198	8·722	7·214	5·566	"
Carriage and Waggon	1·244	1·244	1·244	1·244	1·244	1·244	1·244	1·244	1·405	1·405	"
Traffic	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	"
General	2·650	2·650	2·550	2·550	2·550	2·550	2·550	2·550	1·993	1·993	"
Special and Miscellaneous { P.W. General Funds	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous { Other items	1·091	1·091	1·091	1·091	1·091	1·091	1·091	1·091	0·852	0·852	"
Total...	22·418	22·932	23·844	23·345	19·291	23·850	25·013	22·641	22·055	18·886	"
Cost per unit...	13·121	6·408	0·978	1·113	27·634	22·169	27·018	"	6·472	21·083	"

No V

Statement showing in Comparison the receipts and the carrying cost per unit per mile of Coaching and Merchandize Traffic

Details	Average receipt per units per mile	Actual Cost per unit per mile	Profit per unit per mile	Loss per unit per mile	Proportion per cent of profit to receipts
	Pies	Pies	Pies	Pies	Pies
Coaching	16·174	13·121	3·053	"	18·876
1st & 2d class	5·311	6·408	"	1·097	"
3d "	3·038	0·978	2·060	"	67·488
4th "	2·021	1·113	0·908	"	44·913
Carriages	25·437	27·634	"	2·197	"
Horses	14·960	22·169	"	7·209	"
Luggage	65·800	27·018	38·784	"	"
Post Office Vehicles	"	"	"	"	"
Goods	11·676	6·472	5·204	"	80·447
Merchandize, including Government Stores and Railway materials	17·330	21·083	"	3·753	"
Cattle	"	"	"	"	"
Minerals					

Madras
15th February 1873

V. Mauleverer Lieut Colr R.E.
Cons Engr for Railways

No IV

Classified Cost of working over one mile a Vehicle, including its freight; also total cost of carrying over one mile as unit of each description of Traffic

Details	First class	Second class	Third class	Fourth class	Carriage Trucks	Horse Boxes	Luggage Vans	Post office Vehicles	Goods Vehicles	Cattle vans	Mineral Trucks
	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies
Maintenance	5·211	6·405	5·749	5·561	4·030	5·751	6·191	5·295	6·852	5·305	"
Locomotive	8·563	8·903	9·471	9·417	6·637	9·475	10·198	8·722	7·214	5·566	"
Carriage and Waggon	1·244	1·244	1·244	1·244	1·244	1·244	1·244	1·244	1·405	1·405	"
Traffic	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	"
General	2·650	2·650	2·550	2·550	2·550	2·550	2·550	2·550	1·993	1·993	"
Special and Miscellaneous { P.W. General Funds	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous { Other items	1·091	1·091	1·091	1·091	1·091	1·091	1·091	1·091	0·852	0·852	"
Total...	22·418	22·932	23·844	23·345	19·291	23·850	25·013	22·641	22·055	18·886	"
Cost per unit...	13·121	6·408	0·978	1·113	27·634	22·169	27·018	"	6·472	21·083	"

No V

Statement showing in Comparison the receipts and the carrying cost per unit per mile of Coaching and Merchandize Traffic

Details	Average receipt per units per mile	Actual Cost per unit per mile	Profit per unit per mile	Loss per unit per mile	Proportion per cent of profit to receipts
	Pies	Pies	Pies	Pies	Pies
Coaching					18·876
1st & 2d class	16·174	13·121	3·053	"	
2d "	5·311	6·408	"	1·097	67·488
3d "	3·038	0·978	2·060	"	44·913
4 "	2·021	1·113	0·908	"	"
Carriages	25·437	27·634	"	2·197	"
Horses	14·960	22·169	"	7·209	"
Luggage	65·800	27·016	38·784	"	58·942
Post Office Vehicles	"	"	"	"	"
Goods					40·647
Merchandize, including Government Stores and Railway materials	11·676	6·472	5·204	"	"
Cattle	17·330	21·083	"	3·753	"
Minerals	"	"	"	"	"

Madras 15th February 1873

V Mauleverer Lieut Colonel R.E.
Cons Engr for Railways

No IV

Classified Cost of working over one mile a Vehicle, including its freight; also total cost of carrying over one mile as unit of each description of Traffic

Details	First class	Second class	Third class	Fourth class	Carriage Trucks	Horse Boxes	Luggage Vans	Post office Vehicles	Goods Vehicles	Cattle vans	Mineral Trucks
	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies
Maintenance	5·211	6·405	5·749	5·561	4·030	5·751	6·191	5·295	6·852	5·305	"
Locomotive	8·563	8·903	9·471	9·417	6·637	9·475	10·198	8·722	7·214	5·566	"
Carriage and Waggon	1·244	1·244	1·244	1·244	1·244	1·244	1·244	1·244	1·405	1·405	"
Traffic	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	3·739	"
General	2·650	2·650	2·550	2·550	2·550	2·550	2·550	2·550	1·993	1·993	"
Special and Miscellaneous { P.W. General Funds	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous { Other items	1·091	1·091	1·091	1·091	1·091	1·091	1·091	1·091	0·852	0·852	"
Total...	22·418	22·932	23·844	23·345	19·291	23·850	25·013	22·641	22·055	18·886	"
Cost per unit...	13·121	6·408	0·978	1·113	27·634	22·169	27·018	"	6·472	21·083	"

No V

Statement showing in Comparison the receipts and the carrying cost per unit per mile of Coaching and Merchandize Traffic

Details	Average receipt per units per mile	Actual Cost per unit per mile	Profit per unit per mile	Loss per unit per mile	Proportion per cent of profit to receipts
	Pies	Pies	Pies	Pies	Pies
Coaching					18·876
1st & 2d class	16·174	13·121	3·053	"	
2d "	5·311	6·408	"	1·097	67·488
3d "	3·038	0·978	2·060	"	44·913
4 "	2·021	1·113	0·908	"	"
Carriages	25·437	27·634	"	2·197	"
Horses	14·960	22·169	"	7·209	"
Luggage	65·800	27·016	38·784	"	58·942
Post Office Vehicles	"	"	"	"	"
Goods					40·647
Merchandize, including Government Stores and Railway materials	11·676	6·472	5·204	"	"
Cattle	17·330	21·083	"	3·753	"
Minerals	"	"	"	"	"

Madras 15th February 1873

V Mauleverer Lieut Colonel R.E.
Cons Engr for Railways

MADRAS RAILWAY COMPANY.

Accounts for the Half-Year ending 30th June 1872.

No. 1. STATEMENT OF CAPITAL AUTHORIZED AND CREATED.

Contracts with the Secretary of State or other Authority.	Capital Authorized.			Capital Created or Sanctioned.			Balance.		
	Stock and Shares.	Loans.	Total.	Stock and Shares.	Loans.	Total.	Stock and Shares.	Loans.	Total.
	£	£	£	£	£	£	£	£	£
Acts 16th Vict. Sessions 1852-53 14th June, 1853									
„ 17th „ do. 1854 2nd June 1854									
„ 18th „ do. 1854-55 15th June 1855									
Contracts in respect of Shares Capital.									
Viz: 22nd December 1852	500,000	...	500,000	500,000	..	500,000			
„ 19th December 1855	3,500,000	...	3,500,000	3,500,000	..	3,500,000			
„ 13th August 1858	1,000,000	...	1,000,000	1,000,000	..	1,000,000			
„ 28th October 1867 A	2,500,000	...	2,500,000	2,500,000	..	2,500,000			
„ In course of preparation	828,300	...	828,300	828,300	..	828,300			
*** Contracts in respect of Loans on Debentures.**									
Viz: 13th March 1860	...	1,000,000	1,000,000	..	1,000,000	1,000,000			
„ 28th October 1867	...	1,500,000	1,500,000	..	1,500,000	1,500,000			
„ In course of preparation	...	171,700	171,700	..	171,700	171,700			
Balance of Borrowing Powers Authorized under the above Acts	...	698,150	698,150						
	8,328,300	3,369,850	11,698,150	8,328,300	2,671,700	11,000,000	..	698,150	698,150
* These comprise Debentures that have been converted into Stock amounting to £ 1,747,500									
Capital to replace Debentures paid off „ 33,750									
£ 1,781,250	..	..	..	1,781,250	1,968,100				
Debentures paid off £ 33,750									
Do. 186,850									
220,600									
Do. Converted £1,747,500	..	..	..	10,109,550	703,600				
£1,968,100									

No. 2. STATEMENT OF STOCK AND SHARE CAPITAL CREATED SHOWING THE PROPORTION RECEIVED.

Description.	Amount created.	Amount received.	Calls in arrears.	Amount uncalled.	Amount unissued.
	£	£	£	£	£
Capital Stock bearing Interest at the rate of 4½ per cent., per annum guaranteed by the Secretary of State.	500,000				
Do. at 5 per cent.	500,000				
Do. at 4½ „	1,000,000				
Do. at 5 „	8,109,550				
£	10,109,550	9,453,386	7,435	648,729	...

No. 3. CAPITAL RAISED BY LOANS AND DEBENTURE STOCK.

	Raised by Loans.		Raised by issue of Debenture Stock.	Total raised by Loans and by Debenture Stock.
	At 5 per cent.	At 4½ per cent.		
	£	£	£	£
Existing at 31st December 1871	234,000	500,000	...	734,000
„ at 30th June 1872	203,600	500,000	...	703,600
Increase	...	...	...	...
Decrease	30,400	...	...	30,400

Total amount authorized to be raised by Loans and by Debenture Stock in respect of Capital created as per Statement No. 1.	3,369,850
Total amount raised by Loans and by Debenture Stock as above	703,600
Balance being available borrowing powers at 30th June 1872	2,666,250

No. 4.

RECEIPTS AND EXPENDITURE ON CAPITAL ACCOUNT.

Dr. Cr.

	Amount expended to 31st December 1871.	Amount Expended during half-year ending 30th June 1872.		Total.
To Expenditure :—	£. s. d.	£. s. d.	£. s. d.	£. s. d.
On Line open for Traffic... ...	8,128,937 11 10	29,224 18 4	8,158,162 10 2	
Deduct cost of Office and Station Furniture transferred to Plant	...	...	32,516 0 7	8,125,646 9 7
On Line in Course of Construction...	141,591 10 11	36,622 10 9		
„ Raichoor Station...	32,477 18 4	2,754 9 0		175,414 1 8
„ Rolling Stock...	1,069,733 3 0	8,771 6 5	1,078,504 9 5	
Deduct amount transferred to Plant on account of... ...				3,432 7 4
Engineering Plant. £ 28,882-10- 8				
Loco. Shop Plant. „ 40,563-19-11				
On Plant	2,032 3 3	547 15 1	69,446 10 7	1,000,957 18 10
Add cost of Office and Station Furniture, Engineering Plant and Loco. Shop Plant transferred as above...			2,579 18 4	
On Establishment...	51,796 17 8	10,081 1 2	101,962 11 2	104,542 9 6
„ Contingencies	9,480 13 4	868 12 2		61,327 18 10
				10,349 5 6
	9,436,049 18 4	88,820 12 11		9,524,870 11 3
Balance...				641,867 1 1
				10,166,737 12 4

	Amount received to 31st December 1871.	Amount received during half-year ending 30th June 1872.	Total.
By Receipts :—	£. s. d.	£. s. d.	£. s. d.
Shares and Stock per last Statement. ... £ 9,427,854-0-0			
Add Debentures converted into 5% Stock during half-year ending 30th June 1872. ... 14,900-0-0	9,442,754 0 0	10,632 0 0	
℔ Account No. 2	...	...	9,453,386 0 0
Capital not bearing Interest... ...	...	9,751 12 4	9,751 12 4
Loans ℔ last Statement... 734,000-0-0			
Deduct amount converted as above ... 14,900-0-0			
Paid off during half-year ending 30th June 1872. ... 15,500-0-0 30,400-0-0	703,600 0 0		
℔ Account No. 3	...	...	703,600 0 0
	10,146,354 0 0	20,383 12 4	10,166,737 12 4

No. 5. DETAILS OF CAPITAL EXPENDITURE.

	Rs. A. P.	Rs. A. P.
Line open for Traffic.		
Earthwork	55,448 14 9	
Brickwork and Masonry	85,559 3 8	
Fencing	15,935 15 1	
Bungalows	1,547 3 10	
Permanent Way	63,522 11 0	
Additional Works	3,468 14 1	
Telegraph Department	215 8 0	
Maintenance for two years	65,729 10 6	
Stations and Buildings	18,691 8 9	
Bridge Work	8,415 14 0	
Ballast and Permanent Way	380 14 0	
	318,916 1 5	
LESS CREDIT.		
Miscellaneous	98 13 9	318,817 4 8
Line in Course of Construction.		
Neilgherry Branch	292,518 0 5	
Madras Central Station	107,000 9 6	399,518 9 11
Raichoor Station	...	30,048 8 5
Rolling Stock.		
Carriages	91,193 1 9	
Wagons	4,494 0 10	95,687 2 7
Plant.		
Station and Office Furniture	...	5,975 7 9
Establishment.		
Direction	10,281 4 3	
Engineering	62,614 1 3	
Locomotive	11,784 9 5	
Telegraph	2,645 0 1	
Stores	8,557 1 11	
Audit, Account, and Cashier	13,547 11 3	109,429 12 2
Contingencies.		
Direction	7,271 10 2	
Engineering	2,204 1 1	9,475 11 3
Total Capital expenditure during the Half-year Rupees...		968,952 8 4

No. 6. ESTIMATE OF FURTHER EXPENDITURE ON CAPITAL ACCOUNT.

		FURTHER EXPENDITURE.		
		During the half-year ending 31st Decem. 1872	In subsequent half-years.	Total.
		Rs.	Rs.	Rs.
Line opened for Traffic more than 2 years		89,224	6,18,344	7,07,568
Line opened for Traffic less than 2 years		4,04,386	3,63,675	7,68,061
Line in Course of Construction:—				
Madras Central Station		90,000	87,780	1,77,780
Neilgherry Branch Line		3,00,000	5,80,289	8,80,289
Do. Tudialore Station		10,000	3,518	13,518
Do. Karamady „		15,000	4,670	19,670
Do. Coimbatore „		80,000	30,004	1,10,004
Do. Pothanoor „		30,000	22,618	52,618
Do. Mettapolliem „		80,000	52,282	1,12,282
Do. Telegraph		20,000	5,204	25,204
		6,25,000	7,66,365	13,91,365
		11,18,610	17,48,384	28,66,994
Working Stock:—				
Engines	No. 20	...	7,10,000	7,10,000
Horse-Boxes	„ 5	14,770	...	14,770
Night Composite Carriages	„ 8	16,969	24,800	41,769
Goods Brake Vans	„ 6	...	25,000	25,000
Invalid Carriages	„ 2	4,870	4,870	9,740
High Sided open Goods wagons to be converted from open Sided Goods wagons	„ 292	...	90,917	90,917
Covered Goods wagons to be converted from Coke wagons	„ 49	...	32,854	32,854
Fire Engine Trucks to be converted from open sided Goods wagons	„ 2	...	600	600
Fitting Sun-shades to vehicles	„ 94	1,800	12,755	14,555
„ Axle Box keeps (Oil) to wagons	„ 2043	3,900	34,734	38,634
		42,309	9,36,530	9,78,839
Total estimated further expenditure of Capital Rs...		11,60,919	26,84,914	38,45,833

No. 9.

ABSTRACT A.

Maintenance of Way Works and Stations.

	Rs.	A.	P.	Rs.	A.	P.
1st.—Salaries, Office Expenses, and General Superintendence.						
(1).—Engineers' Salaries	43,183	3	2			
(2).—Allowances including travelling expenses of all kinds	4,584	14	9			
(3).—Subordinate Superintendents	19,170	11	8			
(4).—Allowances of ditto ditto.	189	11	3			
(5).—Overtime Allowances	...					
(6).—Office Expenses	22,604	2	5	89,732	11	3
2nd.—Maintenance and Renewal of Permanent Way.						
(1).—Wages	1,25,110	8	1			
(2).—Materials	98,032	9	10	2,23,143	1	11
3rd.—Repairs of Bridges, &c.—Wages and Materials.						
(1).—Bridges and Tunnels	78,204	15	7			
(2).—Miscellaneous, including earth-work, roads, fencing, &c.	23,643	0	7	1,01,848	0	2
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.	23,152	4	0			
(2).—Repairs of Staff quarters.	5,354	4	1	28,506	8	1
5th.—Maintenance by Contract.	...			...		
6th.—Unclassified Expenditure.						
(1).—Plantations.	...					
(2).—Tools and Plant	7,441	2	5			
(3).—Loss on Stores, &c.	...			7,441	2	5
TOTAL	...			4,50,671	7	10
Deduct sum chargeable to Cheyair Bridge Restoration	...			1,16,879	14	5
TOTAL	...			3,33,791	9	5

Miles Maintained.		Departmentally.	By Contract.	TOTAL.
RAILWAY LINE	Double.	...	...	...
	Single.	707¼	...	707¼
SIDINGS.		81¼	...	81¼
	TOTAL			788½

ABSTRACT B.

Locomotive Expenses.

			Rs.	A.	P.	Rs.	A.	P.
1st.—General Superintendence.								
(1).—Salaries of Locomotive Superintendent and Assistants.			11,988	2	6			
(2).—Allowances of ditto, including travelling allowances.			1,311	2	2			
(3).—Subordinate Superintendents.			21,703	7	10			
(4).—Allowances including travelling allowances.			5,757	11	1			
(5).—Overtime allowances			1,747	14	9			
(6).—Office Expenses			13,908	2	1	56,416	8	5
2nd.—Running Expenses (Wages connected with the Working of Locomotive Engines.)								
(1).—Wages of Drivers and Firemen			70,837	12	8			
(2).—Overtime allowances			14,855	8	5			
(3).—All labor connected with fueling, cleaning, and looking after Engines in yards			16,214	0	5			
(4).—Contingent Expenses, including Clothing and Travelling Expenses.			339	11	8	1,02,247	1	2
3rd.—Fuel.								
(1).—Coal	cwts.	65,231$\frac{33}{112}$	58,708	2	11			
(2).—Coke	,,	15,504$\frac{22}{112}$	24,806	13	7			
(3).—Patent Fuel	,,	26,081$\frac{112}{112}$	31,298	6	1			
(4).—Wood	lbs.	54,494,700	1,08,989	6	5	2,23,802	13	0
4th.—Water, (including Wages and Stores.)			...			13,445	10	2
5th.—Oil, Tallow, and other Stores, (expended on Engines in Work.)			...			10,868	11	5
6th.—Maintenance and Renewals of Locomotive Engines and Machinery.								
(1).—Wages			73,990	11	5			
(2).—Overtime allowances			4,237	2	2			
(3).—Materials			67,494	12	7	1,45,722	10	2
TOTAL			...			5,52,503	6	4

No. 9.—(*continued.*)

ABSTRACT C.

Carriage and Wagon Expenses.

	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1st.—General Superintendence.									
(1).—Salaries of Superintendents and Assistants				2,676	13	9			
(2).—Allowances, including Travelling				228	13	1			
(3).—Subordinate Superintendents				3,750	6	2			
(4).—Allowances of ditto, including Travelling				993	11	6			
(5).—Overtime Allowances				304	0	4			
(6).—Office Expenses				2,412	7	11	9,766	6	9
2nd.—Repairs and Renewals of Vehicles and Machinery—									
Coaching Vehicles.—(1).—Wages	7,157	1	9						
(2).—Overtime	107	15	2						
(3).—Materials	8,762	9	8	16,027	10	7			
Goods Vehicles.—(1).—Wages	12,738	2	1						
(2).—Overtime	119	11	4						
(3).—Materials	26,604	7	5	39,462	4	10	55,489	15	5
3rd.—Cleaning Carriages and Wagons, and Oiling.—									
(1).—Labour, including wages of Oilers, Carriage-Cleaners, and Examiners				6,947	4	2			
(2).—Stores, including Oil, Grease, and other Stores for consumption on running Vehicles				22,750	12	2	29,698	0	4
						Total...	94,954	6	6

ABSTRACT D.

Traffic Expenses.

	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1st.—Salaries, Wages, &c.									
(a).—General Superintendence—									
(1).—Traffic Manager, Asst. ditto., District Superintendents and Traffic Canvassers	24,448	10	10						
(2).—Office Establishment	13,358	15	5						
(3).—Travelling Allowances	3,965	3	4						
(4).—Contingencies	2,656	0	6	51,428	14	1			
(b).—Station Staff—									
(1).—Station-Masters, Clerks, Porters, Pointsmen, Gate-keepers of Level crossings, Signalmen, Station Servants, &c.				1,15,757	6	10			
(c).—Train Staff—									
(1).—Guards and Assistant Guards	28,679	11	7						
(2).—Overtime Allowances	5	0	0	28,684	11	7	1,95,871	0	6
2nd.—Fuel, Lighting, Water and General Stores.									
(1).—Fires, Lights, Water and General Stores for Carriages, Stations, Offices, &c.				19,815	15	2			
(2).—Wagon covers, Ropes, &c.				24,855	12	11			
(3).—Office and Station fittings and furniture				430	8	10	45,102	4	11
3rd.—Clothing.				...			1,477	6	0
4th.—Printing, Stationery and Tickets				...			19,848	14	9
5th.—Charges for Delivery and Collection of Goods, &c.				...			...		
6th Miscellaneous Expenses.				...			122	0	0
7th Payments to other Lines.									
(1).—Hire of Vehicles				...					
(2).—Mileage of foreign stock				345	6	0			
(3).—Expenses at Joint Stations				...			345	6	0
						Total...	2,62,767	0	2

No. 9.—*(continued.)*

ABSTRACT E.

General Charges.

	Rs. A. P.	Rs. A. P.
1st.—*Home Expenditure.*		
(1).—Directors and Secretary or Managing Director	27,837 2 11	
(2).—Auditors and Accountants		
(3).—Consulting Engineer and Inspecting Officers' Fees and Travelling Allowances	818 2 11	
(4).—Office Expenses	...	28,655 5 10
2nd.—*Salaries of Indian Management, Including Offices.*		
(1).—Agent's Office ... Salaries 13,850 15 6; Travelling Allowances 355 13 6; Contingencies ...	14,206 13 0	
(2).—Auditor's Office ... Salaries 20,289 6 10; Travelling Allowances 168 4 0; Contingencies ...	20,457 10 10	
(3).—Accounts Office ... Salaries 4,256 5 3; Travelling Allowances ...; Contingencies ...	4,256 5 3	
(4).—Paymaster's (Cashier's) Office ... Salaries 13,016 10 8; Travelling Allowances 825 6 4; Contingencies ...	13,842 1 0	
(5).—Store Department ... Salaries 11,334 14 6; Travelling Allowances 197 4 4; Contingencies ...	11,532 2 10	
(6).—Medical Department ... Salaries 10,138 8 2; Travelling Allowances 431 14 0; Contingencies ...	10,570 6 2	
(7).—Rents of buildings and lands	844 13 10	
(8).—Contingencies, including Furniture and Fittings	3,592 3 6	
(9).—Stationery	1,621 0 4	
(10).—Medicine	1,192 0 3	82,115 9 0
3rd.—*Police.*		
(1).—Supervision	1,380 0 0	
(2).—Constables	7,865 2 9	
(3).—Contingencies	1,427 2 0	10,672 4 9
4th.—*Advertising (All advertisements of all Departments)*	...	1,428 3 3
5th—*Electric Telegraph.*		
(1).—Salaries of Superintendents and Assistants	4,505 8 6	
(2).—Signallers	12,705 2 9	
(3).—Travelling Expenses	892 13 10	
(4).—Office Expenses, Contingencies, &c.	1,534 4 1	
(5).—Maintenance, Wages, Stores	10,770 0 5	30,207 13 7
6th.—*Clearing Accounts with other Lines.*		
7th.—*Unclassified Expenditure.*		
Loss on Stores, &c.	...	53 10 0
TOTAL	...	1,53,132 14 5

ABSTRACT G.

Special and Miscellaneous Expenditure.

	Rs. A. P.	Rs. A. P.
1st.—*Law Charges.*		555 10 5
2nd.—*Compensation.*		
(1).—For goods, lost or damaged. From Revenue Funds Rs. 55 0 0; From Fire Insurance „ 97 8 0	152 8 0	
(2).—For personal injury	23,454 8 9	
(3).—For other claims	210 0 0	23,817 0 9
3rd.—*Rates and Taxes.* (*Including Municipal water-rates.*)		20,470 2 7
4th.—*Contributions to Special Funds.*		
(1).—Fire Insurance Fund		20,727 4 4
TOTAL		65,570 2 1
Deduct sum chargeable to Fire Insurance Fund	... ...	97 8 0
TOTAL		65,472 10 1

No. 10.

BSTRACT H.

oaching Traffic.

Mileage Fares.	First Class. Day Rs. 0 1 6 / Night „ 0 1 10 — No.	First Class. Amount.	Second Class. Day Rs. 0 0 5 / Night „ 0 1 0 — No.	Second Class. Amount.	Third Class. Day Rs. 0 0 3 / Night „ 0 0 4 — No.	Third Class. Amount.	Fourth (Cooly) Class. Day Rs. 0 0 2 / Night „ 0 0 0 — No.	Fourth (Cooly) Class. Amount.	Total. No.	Total. Amount.
		Rs. A. P.		Rs. A. P.		Rs. A. P.		Rs. A. P.		Rs. A. P.
1st Passengers—										
Single Journeys	2,897	49,390 10 0	54,669	77,207 9 0	949,196	7,74,025 4 8	149,532	58,181 12 0	1,156,294	9,58,805 3 8
Excess Fares	...	425 14 0	...	305 1 0	...	2,447 3 6	...	...	...	3,178 2 6
Return Journeys	1,934	17,565 7 0	2,244	3,090 0 0	79,896	28,252 0 1	...	...	84,074	48,907 7 1
Troops and Police	52	1,228 2 0	389	2,939 0 0	12,505	33,830 5 0	...	...	12,946	37,997 7 0
Total	4,883	68,610 1 0	57,302	83,541 10 0	1,041,597	8,38,554 13 3	149,532	58,181 12 0	1,253,314	10,48,888 4 3
Season Tickets	23	900 8 0	33	826 15 0	...	...	...	...	56	1,727 7 0
2nd.—Passengers' Luggage									Ton miles. 57,611	17,160 4 3
3rd.—Military Baggage									21,687	6,175 10 0
4th.—Carriages, Horses, Dogs, &c.									No.	
(1).—Carriages									285	7,294 2 0
(2).—Horses									1,132	18,994 11 0
(3).—Dogs									1,525	2,217 12 0
										28,506 9 0
5th.—Military Carriages, Horses, &c.										
(1).—Horses									27	504 3 0
(2).—Dogs									25	13 8 0
										517 11 0
6th.—Parcels									31,703	43,998 2 5
7th.—Special Trains									Train miles. 5,472	47,580 10 0
8th.—Post Office.										
(1).—Parcels									...	1,050 5 8
								Total...	...	11,95,554 15 7

No. 10.—*(Continued.)* ABSTRACT I.

Goods Traffic.

	Rate per Ton per mile.	Ton Miles.	Amount.		
			RS.	A.	P.
1st.—*Merchandise, General.*					
1st Class	12 pies	9,539,666	5,26,192	5	9
2nd Class	14 „	3,560,215	2,61,694	3	5
3rd Class	18 „	2,381,533	2,17,946	4	7
4th Class	24 „	1,175,963	1,52,614	13	11
5th Class	36 „	624,314	1,22,346	8	9
Special	8 „	12,289,067	5,00,463	10	2
		29,570,758	17,81,260	14	7
2nd.—*Military Stores*		316,944	38,855	1	8
3rd.—*Railway Materials for Construction*		277,192	14,336	13	0
4th.—*Minerals.*					
(1).—For the Public		...	...		
(2).—For the Company (construction only)		...	...		
		...	...		
5th.—*Live Stock.*					
(1).—Horses		58,109	5,225	1	0
(2).—Cattle		25,343	2,132	14	0
(3).—Sheep		4,572	698	5	0
		88,024	8,056	4	0
6th *Military Live Stock.*					
(1).—Horses		28,590	2,448	0	0
(2).—Cattle		136	34	0	0
(3).—Sheep		...	...		
		28,726	2,482	0	0
7th—*Rents and Demurrage, Wharfage, Storage, &c,*		...	4,316	0	0
8th—*Interest on outstanding Bills.*		...	860	9	10
TOTAL	...	...	18,50,167	11	1

ABSTRACT K.

Sundries.

			Amount.		
			RS.	A.	P.
Interest on Revenue balances deposited with Government			14,613	3	6
Hire of Locomotives			10,742	6	2
Hire of Vehicles				...	
Mileage of Vehicles and Sheets over foreign lines			12,185	0	0
Use of Stations jointly occupied			6,423	12	2
Clearing accounts with other lines				...	
Tolls on Bridges				...	
Rents of Dwelling-houses			30,484	5	5
„ Refreshment Rooms			4,570	10	0
Fees on Share Transfers, &c.			27,131	9	3
Sale of unclaimed and damaged Goods				...	
Sale of Revenue Stores					
	RS.	A. P.			
1. Maintenance	1,146	5 1			
2. Locomotive	688	8 0			
3. Carriage and Wagon	...				
4. Traffic	1,452	13 11			
5. General	281	1 8			
			3,568	12	8
TOTAL			1,09,719	11	2
Electric Telegraph Earnings			10,746	5	4

No. 13. MILEAGE STATEMENT.

	Miles.	Chains.	Links.
Lines owned by Company, sanctioned not commenced	...	...	...
Do. do. under construction	26	7	...
Do. do. constructed and not worked	...	...	...
Do. do. do. and worked by Company ...	831	57	93
Do. do. do. do. by others ...	...	...	...
TOTAL ...	857	64	93
Lines Worked by Company.—			
Its own	831	57	93
Foreign	...	...	...
TOTAL ...	831	57	93
Foreign Lines worked over by Company	...	...	...

No. 14. STATEMENT OF TRAIN MILEAGE.

	No.	Estimated Locomotive Expenses.
		RS.
(1). Train miles run for Traffic Department	886,896	4,33,052
(2). Do for Locomotive ,, ...	24,137	11,785
(3). Do for Maintenance ,, ...	37,433	18,278
Total ...	948,466	4,63,115
(4). Hours of Assisting Engines	18	120
(5). Do of Shunting, Piloting, &c.	19,074	83,258
(6). Do of Miscellaneous Services	2,298	6,010
Total ...	21,390	89,388
Total cost Rupees ...		5,52,503

No. 15. DISTRIBUTION STATEMENT OF AUDITED SALARIES.

Departments.	Capital.			Revenue.			Total Audited.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Home Expenditure	2,454	8	8	(a) 818	2	11	3,272	11	7
Engineering	18,686	12	9	(b) 17,532	10	1	36,219	6	10
Locomotive	2,054	7	10	(c) 5,555	7	7	7,609	15	5
Carriage and Wagon	6,197	6	9	(d) 3,798	6	9	9,995	13	6
Agency	3,108	11	9	(e) 1,905	5	9	5,014	1	6
Audit	1,893	6	3	(f) 1,160	7	6	3,053	13	9
Account	4,674	5	3	(g) 2,864	14	6	7,539	3	9
Paymaster (Cashier)	6,369	10	2	(h) 3,137	4	6	9,506	14	8
Store	1,002	8	9	(i) 619	4	5	1,621	13	2
Medical	904	1	6	(j) 1,414	1	6	2,318	3	0
Electric Telegraph									
	47,345	15	8	38,806	1	6	86,152	1	2

(a)	Rs.	27,837	2	11	Salaries wholly chargeable to Revenue—Total Revenue Rs.		28,655	5	10
(b)	,,	25,650	9	1	Do.	do.	do. ,,	43,183	3	2
(c)	,,	8,509	8	8	Do.	do.	do. ,,	14,065	0	3
(d)	,,	10,052	8	9	Do.	do.	do. ,,	13,850	15	6
(e)	,,	18,384	1	1	Do.	do.	do. ,,	20,289	6	10
(f)	,,	3,095	13	9	Do.	do.	do. ,,	4,256	5	3
(g)	,,	10,151	12	2	Do.	do.	do. ,,	13,016	10	8
(h)	,,	8,197	10	0	Do.	do.	do. ,,	11,334	14	6
(i)	,,	9,519	3	9	Do.	do.	do. ,,	10,138	8	2
(j)	,,	3,091	7	0	Do.	do.	do. ,,	4,505	8	6

No. 17.

NET REVENUE ACCOUNT.

Dr. Cr.

To Guaranteed Interest (Gross) received from the Secretary of State for the half-year ending 30th June 1872 as under :—	£	s.	d.	£	s.	d.
On Subscribed Capital.						
£ 7,954,110 at 5 per cent.	198,729	11	10			
£ 999,970 at 4¾ „	23,749	5	9			
£ 500,000 at 4½ „	11,250	0	0	233,728	17	7
On Debentures.						
£ 196,600 at 5 per cent.	4,915	0	0			
£ 500,000 at 4½ „	11,250	0	0	16,165	0	0
Total...				249,893	17	7

By Net profits of the half-year as per Form No. 16.	£	s.	d.
Rs.15,07,005-5-5 at 1/10 Exchange	138,142	3	1¼
„ Balance	111,751	14	5¾
Total...	249,893	17	7

No. 18.

GENERAL BALANCE SHEET—INDIAN BOOKS.

Dr. Cr.

To	Rs.	A.	P.
Capital Account.	43,58,422	12	5
„ Government of India Revenue Account.	70,765	10	5
„ Fire Insurance Funds as per Form No. 11.	3,37,197	9	6
„ Sundry Creditors.	1,61,912	2	6
Rupees...	49,28,298	2	10

By	Rs.	A.	P.	Rs.	A.	P.
Cash at Bank of Madras.				2,20,573	2	2
„ Cashier and other Officers.				58,899	15	0
„ Sundry Debtors.				2,06,480	0	7
„ Government Securities.				3,15,326	1	11
„ Stores as under :—						
General Store Account... ...	8,09,200	7	4			
Locomotive „	19,87,063	15	4			
Engineering „	10,95,761	2	5			
Traffic „	10,677	6	2			
Stores in Transitu, &c.	2,24,315	15	11			
Rupees...				41,27,018	15	2
				49,28,298	2	10

List of Rates and Fares.

Troops and Police— Troops.— Officers on duty pay second-class fare for first class accommodation, and Non-Commissioned Officers and Soldiers travel second class on payment of the lowest fare.

Police.— Policemen are conveyed on payment of the ordinary fares.

Special Trains.— Special trains are run at a charge of 3 pence a mile when consisting of an engine, a carriage, and brakevan only. If more accommodation than this is required, the extra passengers are conveyed at ordinary fares.

Cattle.— Cattle sent singly will be charged for at the rate of 1½ annas per mile. Sheep in wagon loads of fifty or any less number, and cattle for slaughter sent in wagon loads of eight or less any number will be conveyed as under:—

Per [illegible]

Per Truck per mile.

From 1 to 50 miles	0. 2. 6
do 51 . 100	0. 2. 3
do 101 . 150	0. 2. 0
do 151 miles and upwards	0. 1. 9

Sheep sent singly are charged for at the rate of 8 annas for distances not exceeding 60 miles. 1 rupee for distances from 51 to 100 miles. and 4 annas additional for every 50 miles or portion of 50 miles above 100 miles. Dealers' horses are conveyed in wagons by "Goods" train at 3 annas per mile per truck load of five or any less number.

List of Madras Railway rates and distances from Erode Station.

For Goods.

The "Great Southern of India Railway" "Madras Railway and Classification of Goods."

For Parcels.

Distance	10 lbs & under 20 lbs	11 to 20 lbs	21 to 40 lbs	41 to 80 lbs	81 to 100 lbs	101 to 125 lbs	126 to 150 lbs	151 to 200 lbs	201 to 250 lbs
	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a
1 to 50 Miles	. 4	. 6	. 8	. 12	1 2	1 8	1 14	2 4	2 10
51 to 100	. 6	. 9	. 12	1 2	1 10	2 2	2 10	3 2	3 10
101 to 150	. 8	. 12	1	1 8	2 2	2 12	3 6	4	4 10
151 to 200 Miles	. 10	. 15	1 4	1 14	2 10	3 6	4 2	4 14	5 10
201 . 250	. 12	1 2	1 8	2 4	3 2	4	4 14	5 12	6 10
251 . 300	. 14	1 6	1 12	2 10	3 10	4 10	5 10	6 10	7 10
301 . 350	1 0	1 8	2	3	4 2	5 4	6 6	7 8	8 10
351 . 400	1 2	1 11	2 4	3 6	4 10	5 14	7 2	8 6	9 10

For Sea, Fish, Meat, and Vegetables.

Distance	10 lbs & under 20 lbs	11 to 20 lbs	21 to 40 lbs	41 to 80 lbs	81 to 100 lbs	101 to 125 lbs	126 to 150 lbs	151 to 200 lbs	201 to 250 lbs
	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a	Rs a
1 to 50 Miles	. 3	. 5	. 6	. 9	. 12	. 15	1 2	1 8	2 5
51 . 100	. 5	. 6	. 8	. 12	. 15	1 2	1 5	1 14	2 7
101 . 200	. 8	. 9	. 12	1 2	1 4	1 7	1 10	2 7	3 .
201 . 300	. 9	. 12	. 15	1 5	1 8	1 11	1 14	3 .	3 11
301 . 400	. 11	. 15	1 2	1 8	1 13	2 .	2 2	3 9	4 4

Packages weighing more than 250 lbs to be charged for in proportion to the rates for 250 lbs.

For Passengers' Luggage.

First Class	82 lbs free
Second .	25 . .
Third .	15 . .

All luggage in excess of these quantities (whether in the owner's charge or not) 2 pies per 82 lbs per mile.

For

F N/1052/73
G.G 20 March/1363 ½ 498.

For Horses, Carriages, and Dogs.

One Horse	1½ Annas per Mile	
Two Horses (if one property)	2½	"
Three " (do)	3	"
Four wheeled Carriage	2½	"
Two "	1½	"
Palanquin "	1 Anna	"

Dogs.

	Rs. a. p.	
1 to 50	0. 8. 0	each.
51 . 100	1. 0. 0	"
101 . 150	1. 4. 0	"
151 . 200	1. 8. 0	"
201 . 250	1. 12. 0	"
251 . 300	2. 0. 0	"
301 . 350	2. 4. 0	"
351 . 400	2. 8. 0	"

75

Railway Department. CONSULTING ENGINEER'S OFFICE,

No. 106

From

LIEUT.-COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,
Public Works Department,
Fort Saint George.

Enclosures 3

SIR,

I have the honour to forward herewith the Statistical return of the Revenue Account of the Madras Railway Company for the half-year ending 30th June 1872.

2. Owing to the expenditure on the Cheyair Bridge being carried to a suspense account, in accordance with the Order of the Government of India No 824 A. R. Communicated in P. O. No. of 11 January 1872, some discrepancies occur in the amounts shown in different tables as working expenses.

In Table A. the total working expenses

expanses exceed the amount shewn in Table M II. by Rs 62,661, which is the amount carried in the present half-year directly to the Suspense Account.

In abstract A of the Revenue account the sum of Rs 1,16,880 is deducted: this is the amount expended under this head previously to the half-year under review on account of the Chupan Bridge, and as this is now included in Item No 8 under the head "Chupan Bridge Restoration" (1,16,880 + 62,661 = 1,79,541) it has to be deducted from the abstract of present half year. The amount, however, shewn in Table E, under the head "Maintenance of Way, works and stations" is the Correct expenditure under this head for the half-year under review.

B

Madras
5 February 1873

I have the honour to be
Sir
Your most obedient servant
Mountstuart Stfol. R.E.
Con. Engineer for Railways

Railway Department.

1872.

From

The Consulting Engineer
for Railways,

To

The Secretary to Government,
P. W. Department,
Fort Saint George.

Dated 15 Dec 1872

Rcd. 17 Dec 1872

No. 1161

Forwarding [illegible]
[illegible] Return of the Rev
[illegible] of the So M Ry for
[illegible] half year ending 30
[illegible] 72, and furnishing
[illegible] explanation regarding
[illegible] some clerical errors
[illegible] occur in the Return

[illegible] March 73 No 498

[illegible]

Bdl Jany 1873 Nos 136-137

No 498 dated 15 Dec 1872

Submitting the Return of Traffic
& Revenue of the South Mahratta
Railway Company for the half
year ending 30th June 1872.

To the Govt of Madras

Forwarded

Rec'd 22/12/72

Copy of the above forwarded to
the Govt of India

Rec'd 22/12/72

No 498 dated 15 Dec 1872

8-8-84

18. 8. 73

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