

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	1322-33(Ry)	Press
B.P. No.		Mis.
Dated	27-5-	1876

Not to be folded or roughly handled

150

*Proceedings of the Madras Government, Public Works Department,
27th May 1876.*

No. 485. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 20th May 1876, No. 248 :—

I HAVE the honor to forward herewith the Review of the Revenue Account of the South Indian Railway for the half-year ended 30th June 1875.

2. As explained in the Note which accompanied the Accounts, the expenses of the half-year under review were abnormally low, in consequence of the conversion of gauge between Negapatam and Trichinopoly, the introduction of new rolling stock, and the decrease in price of coal. The results in Table M-5 show a corresponding improvement, the profits forming in third-class passengers 70·36 per cent. and in goods 39·65 per cent. of the receipts.

3. The value of these tables is considerably lessened by the variety of gauges maintained, and unless these be assimilated, or some method of working be adopted by which the expenses can be separated, it will be very difficult to arrive at any satisfactory comparison of the cost of working the metre gauge.

4. The delay in submission of this Review is due to press of work in the Examiner's Office, and to corrections being found necessary after the Review was completed.

No. 486. ORDER THEREON, 27th May 1876, No. 1,332.

RAILWAY, No. 47.

ORDERED to be forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

No. 487.

(DOCKET No. 1,333, dated 27th May 1876.)

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel,
*Offg. Under Secy. to Govt., P.W.D.,
for Secretary to Government.*

Exd. S. T. Austin.
Spare Copies

REVIEW OF THE REVENUE ACCOUNT

OF THE

South Indian RAILWAY

For the half-year ended 30th June 1875.

TABLE A.

General Statement of working of half-year ending 30th June 1875.

I.—Description of Railway worked.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Gauge of Railway.	OPEN MILEAGE AT THE END OF THE HALF-YEAR.			Miles.		Mean mileage worked.	Number of Stations open at the end of the half-year	Average distance between Stations.	TOTAL LENGTH OF THE FOLLOWING GRADIENTS.		STEEPEST GRADIENT WORKED BY				
	Length sanctioned.	Single.	Double.	Total.	Sidings.				Less, and less.	For to 700	For to 700	Fixed power.	Length.	Inclination	Locomotives.
3-3 3/8	617	185		185	153 1/8	185	25	7.7	3-56 ch	10-9 ch	12-19 ch			3-56	1/100

* Open line—185 miles
Southern terminus 215
Northern total 400

II.—Financial Results.

17	18	19	20	21	22	23	24	25	26
Total Capital authorized to be raised.	Total Capital paid up to end of half-year.	Total Capital withdrawn to end of half-year.	Total Capital expended on open mileage, inclusive of rolling stock.	Cost per mile open.	Earnings.	Expenses.	Profits.	Percentage of profits on paid up Capital.	Percentage of profits on Capital expended on open mileage, inclusive of rolling stock.
£ 3,702,155	£ 3,659,505	£ 2,904,295	£ 1,472,157	£ 7.959	£ 479,384	£ 3,32,748	£ 2,46,636	0.646	1.605

III.—Summary of General Results.

27	28	29	30	31	32	33	34	35	36	37
	COACHING.			GOODS.			TOTAL INCLUDING SUNDRIES, BUT EXCLUDING STEAMBOAT.			Total including sundries and steamboat.
	Total.	Per Passenger train mile	Per mean mile open per week.	Total.	Per goods train mile	Per mean mile open per week.	Total.	Per total train mile	Per mean mile open per week.	
Earnings (from No. VIII. of the Revenue Account)	Rs. 2,55,503	Rs. 3.766	Rs. 53.119	Rs. 2,10,239	Rs. 2.424	Rs. 43.709	Rs. 4,79,384	Rs. 3.101	Rs. 99.664	Rs. 4,179,384
Expenses	94,366	1.391	19.619	1,26,624	1.460	26.325	2,32,748	1.506	48.388	2,32,748
Profits	1,61,137	2.375	33.500	83,615	0.964	17.384	2,46,636	1.595	51.276	2,46,636
Percentage of expenses to earnings...	36.933	Nil	Nil	60.229	Nil	Nil	48.552	Nil	Nil	48.552

Note The South Indian Railway is of the metre gauge, but the sections worked during the half-year were, from Nagapatnam to Erode Junction 16 1/4 miles of the 5' 6" gauge of which 29 3/4 miles commencing from Nagapatnam, had at the end of the half-year been converted to the metre gauge, and from Arcot to Coimbatore 18 miles of 3' 6" gauge.

IV.—Traffic Earnings.

DESCRIPTION.	38		39	40	41	42	43
			PASSENGERS OR TONS OF GOOD 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.	
Coaching (Revenue Account, Abstract H).	Passengers	1st Class	1,411.5	0.188	Rs. 3,973	1.565	53.298
		2nd "	7,895.5	1.054	7,110	2.783	
		3rd "	739,829.5	98.758	2,29,700	89.901	
		4th "	"	"	14,720	5.761	
		Miscellaneous	Nil	Nil	"	"	
	Total		749,136.5	100.000	2,55,503	100.000	
	Less outstanding irrecoverable		Nil	Nil	2,55,503	Nil	
	Net Total		Nil	Nil			
	Tons.		17,584	29.021	49,569	23.577	
	Special		35,821	59.120	1,28,865	61.295	
Goods (Revenue Account, Abstract I).	General merchandise	1st Class	64	0.106	112	0.053	43.856
		2nd "	"	"	"	"	
		3rd "	16	0.027	31	0.015	
		4th "	852	1.406	8,861	4.225	
		5th "	59	0.097	311	0.148	
	Military Stores		32	0.053	348	0.165	
	Railway Materials		6,162	10.170	21,284	10.124	
	Minerals		Nil	Nil	858	0.408	
	Miscellaneous		Nil	Nil			
	Total		69,590	100.000	2,10,239	100.000	
Sundries, including Electric Telegraph	Less outstanding irrecoverable		Nil	Nil	2,10,239	Nil	2.846
	Net Total		Nil	Nil			
	Total Railway earnings		Nil	Nil	1,3,642	Nil	
	Total, including steam boat		Nil	Nil	4,79,384	Nil	
	Steam boat traffic		Nil	Nil			
	Total, including steam boat		Nil	Nil			
	Sundries, including Electric Telegraph		Nil	Nil			
	Total Railway earnings		Nil	Nil	4,79,384	Nil	
	Total, including steam boat		Nil	Nil			
	Steam boat traffic		Nil	Nil			

V.—Working Expenses.

44	45	46	47	48	49	50	51	52	53
	Maintenance.	Locomotive.	Carriage and Wagon.	Traffic.	General.	Special and Miscellaneous.	Total Railway expenditure.	Steamboat expenses.	Total including steam-boat.
Amount (Revenue Account, Form No. VII)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	39,054	1,04,375	14,248	46,758	26,894	1,419	2,32,748	"	2,32,748
Percentage of Expenses of each Department	16.779	44.845	6.122	20.089	11.555	0.610	100.000	Nil	Nil

[4]

TABLE B.

Statement showing in comparison the Coaching Traffic of the half-years ending

30 $\frac{1}{2}$ miles	1874, and	30 $\frac{1}{2}$ miles	1875.
.....			

REFERENCE TO REVENUE ACCOUNT.		DETAILS.		NUMBER.		AVERAGE FARE PER UNIT PER MILE.		RECEIPTS.		AVERAGE MILEAGE.		TOTAL UNIT MILEAGE.	
Table and Main-head.	Sub-head.			1st Half 1874.	2nd Half 1875.	1st Half 1874.	2nd Half 1875.	1st Half 1874.	2nd Half 1875.	1st Half 1874.	2nd Half 1875.	1st Half 1874.	2nd Half 1875.
X (II) 1	...	1st Class Passengers— Single journey Excess fares Return journey Troops and Police	...	1,056 Nil 342 10	1,124.5 Nil 284 3	11.657 Nil 6.442 14.958	11.087 Nil 6.263 11.907	3,107 90 300 67	3,659 91 207 16	48.486 Nil 24.702 88.000	52.117 Nil 22.345 86	57201 54709 18643 8942	58,665.5 1,974.6 6,346 2,58
		Total ...		1,428	1,411.5	10.895	11.354	3,564	3,973	43.082	47.597	62,806	67,183.5
		Season Ticket passengers—		120				30		1,024		1,024	
		2nd Class— Single journey Excess fares Return journey Troops and Police	...	6,306 Nil 1,486 142	6,773 Nil 868 134.5	58.166 Nil 4.243 3.897	5.081 Nil 3.627 5.091	5,954 357 761 245	6,015 349 485 238	35.092 Nil 23.336 85.007	33.650 Nil 29.576 66.736	221,287 13,278 34,678 12,071	227,231.5 29,667.5 47,946 8,976
		Total ...		7,934	7,775.5	4.995	4.815	7,317	7,085	35.449	36.337	281,253	289,537
		Season Ticket passengers—			120		975		25		4,920		4,920
		3rd Class— Single journey Excess fares Return journey Troops and Police	...	704,076 Nil 23,749 1,421	717,909 Nil 18,506 3,444	2.025 Nil 2.997 1.961	2.058 Nil 2.508 1.882	2,19,686 327 4,419 1,048	2,21,782 53 5,217 2,168	29.618 Nil 22.913 72.980	28.819 Nil 21.86 65.352	208,344 34,166 515,719 77,772	20,699,682 47,946 3,064,662 2,261,144
		Total ...		728,257	739,829.5	2.126	2.065	2,27,480	2,29,700	29.531	28.872	24,583,287	27,300,215
		Season Ticket passengers—											
		4th Class— Single journey Excess fares Return journey Troops and Police	...	Nil	Nil	Nil	Nil			Nil	Nil		
		Total ...											
		Season Ticket passengers—											
		TOTAL— Single journey Excess fares Return journey Troops and Police	...	711,438 Nil 24,588 1,573	725,806.5 Nil 19,658 3,552	Nil Nil Nil Nil	Nil Nil Nil Nil	2,28,747 774 7,480 1,560	2,31,447 953 5,908 3,015	29.694 Nil 21.987 74.721	28.900 Nil 21.949 65.422	311,237.4 49,166 4,31,480 116,593	20,699,682 79,572 4,31,480 232,378
		Total ...		737,599	749,016.5	Nil	Nil	2,38,361	2,41,350	29.622	28.984	2,82,926	2,709,925
		Season Ticket passengers—		120	120	Nil	Nil	30	25	1,024	4,920	1,024	4,920
		PASSENGERS' LOGGAGE MILITARY BAGGAGE	...	Ton miles 7,341 228	Ton miles 7,468 310	57.749 29.538	58.891 26.764	2,208 32	2,240 46	Nil Nil	Nil Nil	Nil Nil	Nil Nil
		PUBLIC { Carriages Dogs, &c. Carriages Horses Dogs, &c.	...	No. 79 216 363	No. 98 289 425	26.105 10.092 2.436	26.527 12.145 2.561	744 1,386 273	971 1,464 302	Nil Nil Nil	Nil Nil Nil	5,472 2,143 24,837	7,028 2,143 24,837
		MILITARY { Horses Dogs, &c.	...	No. 19 7	No. 3 0	0.352 0.744	0.744 0.744	3 3	1 1	Nil Nil	Nil Nil	1,634 258	258
		PARCELS	...	Ton miles 14,642	Ton miles 18,073	95.200	75.704	7,260	7,126	Nil	Nil	Nil	Nil
		SPECIAL TRAINS	...	Train miles 535	Train miles 63	Nil	Nil	5,093	1,900	Nil	Nil	Nil	Nil
		MISCELLANEOUS	...	Nil	Nil	Nil	Nil		12				
		POST OFFICE— Haulage and hire of Post Office vehicles	...	No. Nil	No. Nil	Nil	Nil			Nil	Nil	Approximate Ton mileage.	74
		Special Trains	...	Train miles Nil	Train miles Nil	Nil	Nil			Nil	Nil		
		Parcels	...	Ton miles Nil	Ton miles Nil	Nil	Nil	36	36	Nil	Nil		
				Total ...		255,466	255,503						
				Less outstandings irrecoverable.									
				NET Total ...		255,466	255,503						

Includes Rs 572 on account of official trip train regarding which no information as to number of passengers paid conveyed, was received.
(The mileage was Rs 88)

VI.—Haulage and Working.

TRAIN-MILEAGE.			VEHICLE-MILEAGE (EXCLUSIVE OF BRAKE-VANS).					GROSS TON-MILEAGE (FREIGHT AND DEAD WEIGHT).					
Traffic.	Miscellaneous.	Total.	Run for public traffic.		Miscellaneous.	Total, including Miscellaneous.	For public traffic.		Miscellaneous (for Revenue purposes).	Total, including Miscellaneous.			
			Coaching.	Goods.			Coaching.	Goods.			Total.		
54	55	56	57	58	59	60	61	62	63	64	65	66	
154, 593	4, 168	158, 761	1093, 223	1423, 156	2, 516, 379	27, 396	254, 776	836	4215	1063, 617	152, 721	25, 909	26, 333

VII.—Average composition and weight of Trains.

Nature of Trains.	COMPOSITION.														WEIGHT.		
	Coaching Vehicles.								Goods Vehicles.						Freight or live load.	Dead load, exclusive of engines and tenders and brakes.	Total.
	1st class.	2nd class.	3rd class.	4th class.	Carriage trucks.	Horse boxes.	Luggage vans.	Post Office Vehi. clos.	Brake-vans.	Goods vehi. clos.	Cattle vane.	Mineral trucks.	Brake-vans.				
67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	
Passenger	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mixed	0.354	0.837	5.056	0.028	0.150	0.644	0.003	0.162	0.183	0.023	0.042	33.731	91.839	125.570			

VIII.—Average loads of Vehicles.

84		85		86		87		88		89		90	
Details.	Average carrying capacity.	Average contents of each vehicle.	AVERAGE WEIGHT				Proportion per cent. of freight to dead weight.						
			No.	No.	No.	No.		Of each vehicle.	Of freight.	Total.			
Coaching—													
1st class	25.264	1.229	7.193	0.108	7.301	1.495							
2nd "	40.377	2.184	6.927	0.194	7.121	867							
3rd "	49.304	27.328	5.556	1.708	7.264	2.759							
4th "						30.742							
Carriage trucks	1	1.601	5.060	0.540	5.600	10.678							
Horse boxes	3	1.003	7.090	0.440	7.530	6.189							
Luggage vans	6	June 0.262	6.108	0.262	6.370	4.291							
Post Office vehicles		* 0.150	5.250	0.150	5.400	2.857							
Goods—													
Goods vehicles	6.614	2.705	5.623	2.705	8.328	48.110							
Cattle vans	6	1.286	6.109	1.286	7.395	21.046							
Mineral trucks													

x. Approximate.

TABLE C.

Statement showing in comparison the Goods Traffic of the half-years ending

30th June 1874, and

30th June 1875.

REFERENCE TO REVENUE ACCOUNT.		DETAILS.	TON MILES.				AVERAGE RATE PER TON PER MILE.		RECEIPTS.		AVERAGE MILEAGE.	
Table and Main- head.	Sub- head.		1 st Half, 1874.		1 st Half, 1875.		1 st Half, 1874.	1 st Half, 1875.	1 st Half, 1874.	1 st Half, 1875.	1 st Half, 1874.	1 st Half, 1875.
			Up.	Down.	Up.	Down.						
X (I) 1		MERCHANDIZE, GENERAL—	Tonnage	Tonnage	Tonnage	Tonnage	Pico	Pico	Pico	Pico	Pico	Pico
		Special	180,337	904,595	283,947	919,962	7.529	7.905	42,387	49,569	61.448	68.466
		1st Class	619,507	1,286,116	736,829	1,323,665	12.042	12.008	119,517	128,865	59.056	57.522
		2nd "	1,619	8,586	158	1,065	14.723	17.583	781	112	53.605	19.109
		3rd "	3,539	4,541	122	187	18.178	19.200	765	31	64.640	19.312
		4th "	5,982	12,315	5,416	65,578	25.845	23.964	2,463	8,861	76.237	83.326
2		5th "	3,357	4,795	1,024	405	36.012	42.379	1,529	311	65.216	23.881
		TOTAL ...	874,341	2,216,928	1,027,476	2,310,862	10.606	10.798	167,442	187,749	59.979	61.371
3		MILITARY STORES	998	144	2,245	535	22.865	24.034	136	348	87.846	86.875
		RAILWAY MATERIALS FOR CONSTRUCTION.	599,222	405,937	450,525	48,940	7.610	8.182	27,950	21,284	90.953	81.056
4		MINERALS—										
		For the Public										
5		" Company (Con- struction only.)										
		TOTAL GOODS ...	1,414,561	2,323,009	1,480,266	2,360,337	10.044	10.467	195,528	209,381	64.104	63.386
6		STORES CARRIED FREE FOR REVENUE.	62,100	59,327	78,770	26,559	Nil	Nil	Nil	Nil	8.073	57.556
		LIVE STOCK—										
7		Horses										
		Cattle	104		147		20.370	14.997	188	278	1,772	3,559
8		Sheep, &c.	873		65		50.400	45.993	147	126	560	526
		MILITARY LIVE STOCK—										
9		Horses										
		Cattle										
10		Sheep, &c.										
		RENTS AND DEMURAGE, WHARFAGE, &c.										
11		INTEREST ON OUTSTANDING BILLS.										
		MISCELLANEOUS										
TOTAL ...			196,173				210,239				210,239	
Less outstandings irrecoverable												
NET TOTAL			196,173				210,239				210,239	

TABLE C.—I.

Comparative Statement showing the weight and earnings of the principal commodities carried during the half-years ending 30th June 1874 and 30th June 1875.

DESCRIPTION.	QUANTITY.		RECEIPTS.		Increase in quantity.	Decrease in quantity.	Increase in receipts.	Decrease in receipts.
	1 st Half, 1874	1 st Half, 1875	1 st Half, 1874	1 st Half, 1875				
<i>Succinate</i>	Tons. 872	Tons. 9156	Rs. 3,168	Rs. 41,232	Tons. 284	"	Rs. 1,064	"
<i>Salt</i>	1,100	971	5,338	4,808	"	129	"	730
<i>Bury stuff</i>	2,743	2,476	13,825	12,594	"	267	"	1,231
<i>Fruit and Vegetables</i>	2,133	1,524	10,526	6,140	"	609	"	4,386
<i>Grain of all kinds</i>	18,101	19,101	44,146	42,224	Tons. 1,070	"	"	1,922
<i>Granite Stones</i>	6,360	6,542	7,782	7,823	Tons. 152	"	Rs. 40	"
<i>Sticks</i>	373	508	1,854	2,474	Tons. 135	"	Rs. 620	"
<i>Oil and Yucc</i>	677	1,043	3,473	6,106	Tons. 366	"	Rs. 2,633	"
<i>Oil cakes</i>	747	1,085	3,495	5,866	Tons. 238	"	Rs. 2,371	"
<i>Salt</i>	4,946	5,432	24,543	28,219	Tons. 486	"	Rs. 3,676	"
<i>Seed of all kinds</i>	2,569	2,871	11,784	13,361	Tons. 302	"	Rs. 1,577	"
<i>Guano</i>	9,448	11,291	35,152	51,968	Tons. 1,843	"	Rs. 16,816	"
<i>Seaweed</i>	474	429	2,226	2,282	"	45	Rs. 56	"
<i>Total</i>	50,543	54,429	1,67,513	1,88,097	Tons. 3,886	"	Rs. 20,584	"

TABLE D.

Statement of Mileage maintained by Revenue.

REFERENCE TO REVENUE ACCOUNT.	DETAILS.	1 st HALF OF 1874.			2 nd HALF OF 1875.		
		Depart- mentally.	By Contract.	Total.	Depart- mentally.	By Contract.	Total.
Table and Sub- Main head.		Miles.	Miles.	Miles.	Miles.	Miles.	Miles.
IX (A.)	1. Mean miles of line main- tained by Revenue.	185		185	185		185
	2. Double ...						
	3. Total ...	185		185	185		185
	4. Mean miles of sidings main- tained ...	15.375		15.375	15.375		15.375
	Total ...	200.375		200.375	200.375		200.375
	5. Mean miles of single track including sidings ...	200.375		200.375	200.375		200.375
		212	3	9	3	3	3

TABLE D.—I.

Statement of Train Mileage.

DETAILS.	TRAIN MILES RUN.				HOURS OF.		
	Traffic Department.	Locomotive Department.	Maintenance Department.	Total.	Assisting Engines.	Shunting, Piloting, &c.	Miscellaneous Services.
	XIV. 1.	XIV. 2.	XIV. 3.		XIV. 4.	XIV. 5.	XIV. 6.
Reference to Revenue Account.							
1. 1 st Half, 1874 ...	"	"	"	"	H. M	H. M	H. M
(Passenger ...							
Goods ...							
Mixed ...	152,608	568	3,527	156,703		6,658-14	1,530-6
Total ...	152,608	568	3,527	156,703		6,658-14	1,530-6
2. 2 nd Half, 1875 ...	"	"	"	"	"	"	"
(Passenger ...							
Goods ...							
Mixed ...	154,593	626	3,542	158,761	9-15	7,338-58	1594-15
Total ...	* 154,593	626	3,542	158,761	9-15	7,338-58	1594-15
3. Increase in 1875 ...	"	"	"	"	"	"	"
(Passenger ...							
Goods ...	1,985	58	15	2,058	9-15	680-44	64-9
Mixed ...							
Total ...	1,985	58	15	2,058	9-15	680-44	64-9
4. Decrease in 1875 ...	"	"	"	"	"	"	"
(Passenger ...							
Goods ...							
Mixed ...							
Total ...							

* Passenger train mileage ... mil
Proportion of mixed train mileage due to passengers ... Total 67,851

Goods train mileage ... mil
Proportion of mixed train mileage due to goods ... Total 86,742

TABLE E.
Maintenance of Way, Works, and Stations.

REFERENCE TO REVENUE ACCOUNT.		1 st HALF, 1874..		1 st HALF OF 1875.							
Table and Main head.	Sub- head.	Total.	Total.	Increase.	Decrease.						
IX. (A.) ..	... Mileage of line maintained (D-8, page 7). Mileage of single track, including sidings (D-5, page 7) Train mileage (D-1, 2, page 7) Ton mileage (D-1, column 27 f)	185	186	-	-						
		200,376	200,376	-	-						
		152,608	154,593	19,985	-						
		25,789,599	26,223,045	433,446	-						
XIV. (I.) ...	...										
DETAILS.		1 st HALF, 1874.	1 st HALF OF 1875.			Per mile of line maintained	Per mile of track, including sidings.	Per train mile.	Per 1,000 ton miles.		
		Total.	Total.	Increase.	Decrease.						
IX. (A.) ..	... GENERAL SUPERINTENDENCE— 1 & 2 Engineers' salaries and allowances Subordinate Superintendents' salaries and allowances, including overtime Office expenses	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	As.	Rs.		
		5,919	5,464	-	455	29.535	27.269	0.566	0.208		
		3,543	4,090	547	-	22.108	20.412	0.423	0.155		
		2,053	2,269	216	-	12.265	11.324	0.235	0.086		
2 {	1 2 MAINTENANCE AND RENEWAL OF PERMANENT- WAY— Wages Materials	20,439	19,152	-	1,287	103.525	95.581	1.983	0.727		
		24,054	2,816	-	21,238	15.222	14.054	0.291	0.107		
3 {	1 2 REPAIRS OF BRIDGES, &c.—WAGES AND MA- TERIALS— Bridges and Tunnels Miscellaneous	78	289	211	-	1.562	1.442	0.030	0.011		
		433	1,251	818	-	6.762	6.243	0.129	0.048		
4 {	1 2 REPAIRS OF STATIONS AND BUILDINGS—WAGES AND MATERIALS— Repairs of all except Staff quarters " of Staff quarters	2,153	2,916	763	-	15.762	14.553	0.202	0.111		
		319	273	-	46	1.476	1.362	0.025	0.010		
5 {	1 2 MAINTENANCE BY CONTRACT— Amount paid to Contractors Materials supplied by the Company										
6 {	1 2 3 UNCLASSIFIED EXPENDITURE— Plantations Tools and Plant Loss on Stores, &c.										
Total ...		60,733	39,054	228	21,679	211.103	194,905	4.042	1.483		
Less ...		228	"	228	"	"	"	"	"		
Net Total ...		60,505	39,054	-	21,451	211.103	194,905	4.042	1.483		

IF DONE DEPARTMENTALLY.

TABLE E.—I.

Maintenance of Way.

RAILS.

DETAILS.	Double headed		Flat footed		Total.
	weighing lbs. per yard.	weighing lbs. per yard.	weighing lbs. per yard.	weighing lbs. per yard.	
1 Miles of rail in way, including sidings ...	359.84		40.92		400.76
2 Average age of rails in way at the middle of the half-year ...	10.50		10.25		10.50
3 Rails inverted... Number ... Miles ...	1.409		23		14.32
4 Proportion inverted per mile of (1) rail ...	2.818		0.040		2.858
5 Rails renewed... Number ... Miles ...	0.00783		0.00098		0.00713
6 Proportion renewed per mile of (1) rail ...	120		10		130
7 Average number of tons hauled over each kind of rail in the half-year ...	0.240		0.017		0.257
8 Thousands of tons hauled on an average over each kind of rail during the average age of rails in way (2) ...	0.00067		0.00042		0.00106
	154,680		26,394		Nil.
	3,129		586		Nil.

TABLE E.—II.

Maintenance of Way.

SLEEPERS.

DETAILS.	Megapalaam - Grode section		Arcorum - Conguearaw Section	
	Wooden No. 10' x 10" x 5"	Iron Pot sleepers Pairs No.	Wooden Chamuses 6' x 7" x 3 1/2" No.	Longitudinal Sleepers 10' x 7 1/2" No.
1 Number of sleepers in way, including sidings ...	128,506	187,854	43,021	56
2 Average age of sleepers in way at the middle of the half-year ...	Yrs. 13-50	Yrs. 7-75	Yrs. 10-15	Yrs. 4-83
3 Number renewed ...	1869	60 1/2	231	"
4 Ditto per cent. of (1) ...	1.454	.032	0.537	"

* Two pound, cast iron pots weighing 80 lbs. each united by wrought-iron tie-bar weighing 20 lbs.
 & Two pots and one tie-bar weighing 130 lbs (DeBregues).

TABLE V.
Locomotive Department Expenses.

REFERENCE TO REVENUE ACCOUNT.		1 st HALF, 1874.		1 st HALF OF 1875.				Per train mile.	Per 1,000 ton miles.	
Table and Main-head.	Sub- head.	Total.	Total.	Increase.	Decrease.	Decrease.				
XIV-1	...	Train mileage (D-1, 2, page 7) Ton mileage (M-1, column 21, page 18)	152,608 25,797,999	154,592 26,333,575	1,985 535,576					
		DETAILS.	1 st HALF, 1874.	1 st HALF OF 1875.						
			Total.	Total.	Increase.	Decrease.				
GENERAL SUPERINTENDENCE—			Rs.	Rs.	Rs.	Rs.	As.	Rs.		
IX (B)-1	1 and 2	Salaries of Superintendents and Assistants, including allowances ...	6,597	6,191	"	406	0.641	0.235		
	3 to 5	Ditto of Subordinate ditto, including ditto ...	9,674	5,595	"	4,079	0.599	0.212		
	6	Office expenses ...	3,802	4,168	366	"	0.421	0.158		
		TRAINING EXPENSES—								
1 and 2	Wages of Drivers and Firemen, including overtime ...	16,823	17,960	1,137	"	1,859	2.682			
	Fueling, cleaning and looking after engines ...	1,533	1,335	"	198	0.138	0.051			
4	Contingent expenses ...	1,265	"	"	1,265	"				
1	FUEL—									
1	Coal ...	50,669	11,812	12,857	4,328	1,588				
2	Coke ...	99	148	49	"	0.015	0.006			
3	Patent fuel ...	"	"	"	"	"	"			
4	Wood ...	11,358	13,064	1,706	"	1,352	0.496			
...	WATER—(including wages and stores).	1,083	1,182	99	"	0.122	0.045			
5	OIL, TALLOW, AND OTHER STORES.	2,560	2,569	9	"	0.266	0.098			
1 and 2	MAINTENANCE AND RENEWALS—									
	Wages, including overtime ...	5,462	6,623	761	"	0.685	0.252			
3	Materials ...	7,772	2,728	4,044	"	0.386	0.141			
...	PAYMENTS TO OTHER LINES—	"	"	"	"	"	"			
...	UNCLASSIFIED EXPENDITURE—	"	"	"	"	"	"			
	Total ...	1,23,097	1,04,375	18,722	10,802	3,944				
	Less ...	"	"	"	"	"	"			
	Net Total ...	123,097	104,375	18,722	10,802	3,944				
FUEL CONSUMED (FROM ANNUAL REPORT OF DISTRICT ACCOUNT).										
			Average consumption per train mile.		Average consumption per 1,000 ton miles.					
Coal.			Coke.	Patent fuel.	Wood.	Coal, coke and patent fuel.		Wood.		
Tons.			Tons.	Tons.	Tons.	Lbs.	Lbs.	Lbs.		
Quantity consumed during the 1 st half of 1874 ...			1,423	3	"	1,873	26,802	27,492	153,598	162,680
" " 1 st " of 1875 ...			1,995	4	"	2,433	28,892	25,254	169,418	201,962
Increase in 1875 ...			162	1	"	660	2,090	7,762	11,020	40,282
Decrease in 1875 ...			"	"	"	"	"	"	"	"

TABLE F.—I.

Locomotive Power.

REFERENCE TO REVENUE ACCOUNT.		Passenger.	Goods. Passenger.	Goods.	Motor Tank.	Tank		Total.
Table and Main- head.	Sub- head.					Agape- Cam to Prode	Agape- Cam to Prode	
	Locomotives ...	1.—Wheels coupled ...	4	6	4	4	4	4
		2.—Weight on driving axle ...	9 tons.	10 stons.	6 stons	8 tons	3.15 tons	
		3.—Total weight in steam, exclusive of tender ...	23.5 "	29.5 "	18 "	15 "	14.15 "	
XII.	5	1.—Number of Locomotives erected and made over to Locomotive Department ...	9	6	4	2		45 20
	II	2.—Average number of Locomotives constantly under repairs and renewals ...	1.199	0.961	0.878	0.139	2.000	5.177
		3.—Number of Locomotives laid by as spare or hired out to other lines ...	"	"	"	"	"	19.724
		4.—Average number of Locomotives at work [1—(2+3)] ...	7.801	5.039	3.122	1.861	2.000	20.099
		5.—Train miles hauled by each class of Locomotives at work (4) ...	72,615	43,984	32,527	1622	8,063	158,461
		6.—Average train miles hauled by each Locomotive at work (4) ...						
		Per half-year ...	9,302	8,728	10,418	5,874	4,032	7,899
		Per day ...	51	48	58	32	22	44
		7.—Weight of coal, &c., used per train mile ...	32.84	32.47	32.47	32.47	32.47	32.47
		8.—Weight of wood used per train mile ...						
		9.—Average gross weight of the trains hauled by each class of Locomotives ...	82.88	195.92	122.35			
		10.—Average speed between stations ...						
		11.—Average through speed ...						
		12.—Average speed between stations ...						
		13.—Average through speed ...						
		14.—Average speed between stations ...						
		15.—Average through speed ...						
		16.—Average speed between stations ...						
		17.—Average through speed ...						
		18.—Average speed between stations ...						
		19.—Average through speed ...						
		20.—Average speed between stations ...						
		21.—Average through speed ...						
		22.—Average speed between stations ...						
		23.—Average through speed ...						
		24.—Average speed between stations ...						
		25.—Average through speed ...						
		26.—Average speed between stations ...						
		27.—Average through speed ...						
		28.—Average speed between stations ...						
		29.—Average through speed ...						
		30.—Average speed between stations ...						
		31.—Average through speed ...						
		32.—Average speed between stations ...						
		33.—Average through speed ...						
		34.—Average speed between stations ...						
		35.—Average through speed ...						
		36.—Average speed between stations ...						
		37.—Average through speed ...						
		38.—Average speed between stations ...						
		39.—Average through speed ...						
		40.—Average speed between stations ...						
		41.—Average through speed ...						
		42.—Average speed between stations ...						
		43.—Average through speed ...						
		44.—Average speed between stations ...						
		45.—Average through speed ...						
		46.—Average speed between stations ...						
		47.—Average through speed ...						
		48.—Average speed between stations ...						
		49.—Average through speed ...						
		50.—Average speed between stations ...						
		51.—Average through speed ...						
		52.—Average speed between stations ...						
		53.—Average through speed ...						
		54.—Average speed between stations ...						
		55.—Average through speed ...						
		56.—Average speed between stations ...						
		57.—Average through speed ...						
		58.—Average speed between stations ...						
		59.—Average through speed ...						
		60.—Average speed between stations ...						
		61.—Average through speed ...						
		62.—Average speed between stations ...						
		63.—Average through speed ...						
		64.—Average speed between stations ...						
		65.—Average through speed ...						
		66.—Average speed between stations ...						
		67.—Average through speed ...						
		68.—Average speed between stations ...						
		69.—Average through speed ...						
		70.—Average speed between stations ...						
		71.—Average through speed ...						
		72.—Average speed between stations ...						
		73.—Average through speed ...						
		74.—Average speed between stations ...						
		75.—Average through speed ...						
		76.—Average speed between stations ...						
		77.—Average through speed ...						
		78.—Average speed between stations ...						
		79.—Average through speed ...						
		80.—Average speed between stations ...						
		81.—Average through speed ...						
		82.—Average speed between stations ...						
		83.—Average through speed ...						
		84.—Average speed between stations ...						
		85.—Average through speed ...						
		86.—Average speed between stations ...						
		87.—Average through speed ...						
		88.—Average speed between stations ...						
		89.—Average through speed ...						
		90.—Average speed between stations ...						
		91.—Average through speed ...						
		92.—Average speed between stations ...						
		93.—Average through speed ...						
		94.—Average speed between stations ...						
		95.—Average through speed ...						
		96.—Average speed between stations ...						
		97.—Average through speed ...						
		98.—Average speed between stations ...						
		99.—Average through speed ...						
		100.—Average speed between stations ...						

20 engines were handed over to the Locomotive Dept. 1, but only 5 of them were worked during the last 10 days of the half year
* Excluded from the average
* Exclusion of engines & tenders.
* Average for the half year.

TABLE G.
Carriage and Wagon Expenses.

REFERENCE TO REVENUE ACCOUNT.			1 st HALF, 1874.		1 st HALF OF 1875.			
Table and Main- head.	Sub- head.		Total.	Total.	Increase.	Decrease.		
XIV—1	...	Train mileage (D=I. 2, page 7) ...	152,608	154,593	1,985	"		
		(Coaching M=I. 9 a, page 18) ...	1,059,692	1,093,223	33,531	"		
		Vehicle mileage. } Goods (M=I. 16 a, page 18) ...	1,403,664	1,423,156	19,492	"		
		Total ...	2,463,356	2,516,379	53,023	"		
		DETAILS.	1 st HALF, 1874.	1 st HALF OF 1875.		Cost per train mile.		Cost per 1,000 vehicle miles.
			Total.	Total.	Increase.	Decrease.		
1 and 2	GENERAL SUPERINTENDENCE—	Salaries of Superintendents, including allowances ...	1,085	1,102	17	"	0.114	0.438
3 to 5	Ditto of Subordinate ditto, including ditto ...	1,612	1,074	"	538	0.111	0.427	
6	Office expenses ...	598	726	128	"	0.076	0.288	
1 to 3	REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY—	Wages, including overtime ...	706	886	180	"	0.092	.812
		Materials ...	5,326	1,476	"	3,850	0.153	1.552
1 to 3	Goods vehicles.	Wages, including overtime ...	3,361	2,217	"	1,144	0.230	1.555
		Materials ...	14,122	3,925	"	10,197	0.406	2.756
1	CLEANING AND OILING—	...						
		Labor, including wages of oilers, &c. ...	1,172	1,419	247	"	0.147	0.584
2	Stores ...	1,506	1,454	"	52	0.150	0.578	
4	UNCLASSIFIED EXPENDITURE	...	399	"	"	399	"	"
		Total ...	29,887	14,279	"	15,608	1.478	5.675
	Less ...			31	"	31	0.003	0.012
	Net Total ...	29,887	14,248	"	15,639	1.475	5.663	

(a) Per 1,000 coaching vehicle miles.

(b) Per 1,000 goods vehicle miles.

TABLE G.—I.

Repairs and working of Vehicles.

DESCRIPTION OF VEHICLES.	Average weight in tons.	Average carrying capacity.	Total number constructed to end of half-year.	REPAIRED AND RENEWED.		Total.	Average number constantly under repairs and renewals.	Proportion per cent. constantly under repairs and renewals.	Number laid by as spare, or hired out, or lent to other lines.	Average number in working order.	Total vehicle mileage.	AVERAGE MILEAGE RUN PER VEHICLE.	
				Number repaired.	Number renewed.							During half-year.	Per day.
Broad Gauge.		No.											
Coaching Stock—													
Saloon Coaches													
First Class													
Composite													
Second Class													
Third													
Horse Boxes													
Carriage Trucks													
Passenger Brake Vans													
Total													
Goods Stock		Tons											
Salt Vans													
Lowest Goods Wagons													
High-sided													
Open Goods													
Flatbed													
Cattle Vans													
Box Vans													
Lowest Trucks													
Lowest Wagons													
Handing Trucks													
Goods Brake Vans													
Total													
Metre Gauge													
Coaching Stock—													
First Class													
Composite													
Second Class													
Third													
Horse Boxes													
Post Office Vans													
Carriage Trucks													
Passenger Brake Vans													
Total													
Goods Stock		Tons											
Lowest Goods Wagons													
High-sided Open Goods													
Open Goods Wagons													
Flatbed Trucks													
Box Vans													
Lowest Trucks													
Lowest Wagons													
Salt Vans													
Goods Brake Vans													
Stone Spreading Machine													
Total													
Narrow Gauge													
Coaching Stock—													
First Class													
Composite													
Second Class													
Third													
Passenger Brake Vans													
Total													
Goods Stock		Tons											
Lowest Goods Wagons													
High-sided Open Goods													
Open Goods Wagons													
Flatbed Trucks													
Box Vans													
Lowest Trucks													
Lowest Wagons													
Salt Vans													
Goods Brake Vans													
Stone Spreading Machine													
Total													

A. Salt Van mileage recorded with that of lowest Goods Wagons.

B. 4000 miles run for flat class wagons carrying capacity 4000.

C. Lowest Goods Wagons were run as open trucks with Salt Van material.

D. 2000 miles run with goods trucks.

* Foreign vehicles.

* The metre gauge was open for the last ten days of the half-year only and the day mileage has been deduced accordingly.

TABLE G.-II.
Distribution of Vehicle Mileage according to the Traffic carried.

Description of Vehicles.		Mileage run.	REMARKS.
<i>C</i> <i>Coaching—</i>			
First-class	...	574,653	
Second "	...	129,653	
Third "	...	901,626	
Fourth "	...	"	
Carriage trucks	...	4,390	
Horse boxes	...	23,075	
Luggage vans	...	99,632	
Post Office vehicles	...	494	
Total (paying vehicle mileage)		1,093,223	
<i>Passenger brake-vans</i>		25,093	
Total, including brakes		1,118,316	<i>Empty vehicle miles 13,038</i>
<i>Goods—</i>			
Goods vehicles	...	1,419,684	
Cattle vans	...	3,172	
Mineral trucks	...	"	
Total (paying vehicle mileage)		1,422,856	
<i>Goods brake-vans</i>		6,498	
Total, including brakes		1,429,354	<i>Empty vehicle miles 368,683</i>
<i>Miscellaneous—</i>			
(For stores and materials carried free on Revenue Account.)			
<i>For Locomotive Department (in entire train loads)</i>		1,113	8,098
<i>For Locomotive Department (in entire train loads)</i>		11,125	66,693
<i>Engineering</i>		6,981	"
<i>Stores carried free in ordinary Traffic trains</i>		97,119	39,038
<i>Stores carried free in ordinary Traffic trains</i>		—	NIL.
<i>Reckonings</i>		27,836	105,329
Total, including brakes		3,595,806	
Grand Total			

TABLE J.

General Charges.

REFERENCE TO REVENUE ACCOUNT.			DETAILS.	1 st HALF OF 1875.				
Table and Main- head.	Sub- head.	1 st HALF, 1874.		Total.	Total.	Increase.	Decrease.	Cost per train mile.
XIV. 1	...	...	TRAIN MILEAGE (D-I, 2, PAGE 7)	152,608	152,593	1985	"	"
IX. (E.) 1	1 to 4	1	HOME EXPENDITURE ...	Rs. 5433	Rs. 5064	Rs. "	Rs. 368	As. 0.526
	INDIAN MANAGEMENT—	1	Agent's Office, including travelling allowances and contingencies ...	6614	4995	"	1699	0.570
		2	Auditor's Office ditto ditto					
		3	Accounts Office ditto ditto	9565	9494	"	71	0.985
		4	Paymaster's Office ditto ditto					
		5	Store Department ditto ditto	1114	2,123	1008	"	0.220
		6	Medical Department ditto ditto	746	657	"	95	0.067
		7	Rents ...	"	"	"	"	"
		8 to 10	Miscellaneous expenses, including Printing and Stationery and Medicine ...	1001	1000	"	1	0.004
		3	1 to 3	Police ...	"	"	"	"
4	...	ADVERTISING ...	62	87	25	"	0.007	
5	1 to 4	ELECTRIC TELEGRAPH—						
		Salaries, &c. ...	3126	3424	295	"	0.355	
		Maintenance (Wages and Stores) ...	269	133	"	136	0.004	
		Government Telegraph Department for Rent, Maintenance, and Inspection ...	"	"	"	"	"	
6	...	CLEARING ACCOUNTS WITH OTHER LINES ...		"	"	"	"	"
7	...	UNCLASSIFIED EXPENDITURE ...		1007	"	"	1007	"
Total ...				18930	26894	"	2,036	2.790
Less ...				"	"	"	"	"
Net Total ...				28930	26894	"	2,036	2.790

Traffic Expenses.

REFERENCE TO REVENUE ACCOUNT.	Table and Main- head.	Sub- head.		1 st HALF, 1871/2.		1 st HALF OF 1875.			Cost per 1,000 train mile. +	Cost per 1,000 vehicle miles.
				Total.	Total.	Total.	Increase.	Decrease.		
XIV. 1	...	...	Train mileage (D-I-2, page 7) ...	157,608	154,593	1,915				
			(Coaching (M-L-9, page 18) ...	1,057,694	1,093,223	35,529				
			Vehicle mileage... (M-L-16, page 18) ...	1,403,664	1,423,556	19,492				
			(Total ...	2,614,366	2,671,379	57,013				
			DETAILS.	1 st HALF, 1874.		1 st HALF OF 1875.				
				Total.	Total.	Increase.	Decrease.			
			SALARIES, WAGES, &c.—	Rs.	Rs.	Rs.	Rs.	Rs.	As.	Rs.
a	1 & 3		General Superintendence, including travelling allowances ...	6,540	4,852		1,688		0.503	1.928
a	2 & 4		Office Establishment and Contingencies ...	1,025	1,023		2		0.106	0.407
b			Station Staff ...	15,931	16,743		812		1.740	6.667
c			Train ...	3,478	3,752		274		0.389	1.491
2	1 to 3		FUEL, LIGHTING, WATER AND GENERAL STORES ...	1,380	1,629		249		0.169	0.647
3			CLOTHING ...	"	874		874		0.091	0.347
4			PRINTING, STATIONERY, AND TICKETS ...	2,294	2,803		509		0.291	1.114
5			CHARGES FOR DELIVERY AND COLLECTION OF GOODS, &c. ...	"	"		"		"	"
6			MISCELLANEOUS EXPENSES ...	250	268		18		0.028	0.107
			PAYMENTS TO OTHER LINES—							
1			Hire of Vehicles ...	"	"		"		"	"
2			Mileage of Foreign Stock ...	4,634	7,759		3,125		0.805	3.084
8			Expenses at Joint Stations ...	6,498	7,025		527		0.729	2.792
8			UNCLASSIFIED EXPENDITURE	"	"		"		"	"
			Total ...	44,030	46,758		2,728		4.857	18.588
			Less ...	"	"		"		"	"
			Net Total ...	44,030	46,758		2,728		4.857	18.588

TABLE K.

Steam Boat Service.

REFERENCE TO REVENUE ACCOUNT.		DETAILS.		1 st HALF, 1874		2 nd HALF OF 1875	
Table and Main-head.	Sub-head.			Total.	Total.	Increase.	Decrease.
IX (S)	...	WORKING VESSELS—					
	1	Salaries and allowances of Officers and Crews	...	...			
	2	Loading and unloading vessels	...	...			
	3	Photage fees	...	...			
	4	Contingencies	...	...			
2	1	REPAIRS—					
	2	Wages	...	...			
		Materials	...	...			
3	1	FUEL—					
	2	Fuelling Establishment and Fuelling vessels	...	...			
	3	Coal	...	...			
	4	Coke	...	...			
	5	Patent fuel	...	...			
		Wood	...	...			
4	...	MISCELLANEOUS STORES	...	...			
5	1 & 2	STEAM TRAFFIC AGENCIES	...	...			
6	1 to 4	MISCELLANEOUS EXPENDITURE	...	...			
7	...	CONTRIBUTION TO FLOTILLA RESERVE FUND	...	...			
		Less	...	...			
		Total	...	...			
		Net Total	...	...			
3	2	Coal	...	...			
	3	Coke	...	...			
	4	Patent fuel	...	...			
	5	Wood	...	...			
		Total	...	...			

TABLE L.

Special and Miscellaneous Expenditure.

REFERENCE TO REVENUE ACCOUNT		DETAILS.		1 st HALF, 1874		2 nd HALF OF 1875	
Table and Main-head.	Sub-head.			Total.	Total.	Increase.	Decrease.
IX (G) 1	...	LAW CHARGES	...	...	...		
	1	COMPENSATION—					
	2	For goods lost or damaged	...	...	...		
	3	" personal injury	...	...	...		
		" other claims	...	...	...		
3	...	RATES AND TAXES	...	...	...		
4	...	INTEREST ON REVENUE BALANCES	...	...	...		
5	1	CONTRIBUTION TO SPECIAL FUNDS—					
	2	Fire Insurance Fund	...	...	...		
	3	Permanent-way Renewal Fund	...	...	...		
		Casualty Fund	...	...	...		
		Total	...	...	...		
		Less	...	...	...		
		Net Total	...	...	...		

ANALYSIS OF CARRYING COST.

TABLE M.—I.

Definitions.

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

Approximate weight of units to be adopted in these calculations—
Coaching—
 A 1st class passenger with free luggage... Cwt. Tons. 1.75 or .0875
 A 2nd class do. do. 1.75 or .0875
 A 3rd class do. do. 1.25 or .0625
 A 4th class do. do. 1.25 or .0625
Goods—
 A head of horned cattle or a pony or horse. 5.00 or .25
 A head of sheep, goat, &c. ... 0.50 or .025
 two and four-wheeled 6.75 or .3375

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

DETAILS.	Total Mileage of each description of rolling stock.	Total mileage of units.	AVERAGE CONTENTS IN UNITS OF EACH VEHICLE.		Average weight of rolling stock in contents of each vehicle in Tons.	Total average weight, including contents of each vehicle in Tons.	Proportion per cent. of freight to total weight.	TON MILEAGE		TOTAL TON MILEAGE.	
			No.	Weight in Tons				of freight.	of dead weight.	Excluding engines and tenders and brake-vans	Including engines and tenders and brake-vans
COACHING—											
1st class	54,653	64,133.5	1,229	0.102	4,493	7,301	14.3	5,899	39,049	548,998	Nil
2nd " "	14,012.1	21,301.105	242	0.102	4,493	7,301	14.3	5,899	39,049	548,998	Nil
3rd " "	4,350	4,428	1,001	0.520	5,060	5,060	100.0	2,372	2,372	24,515	Nil
4th " "	23,916	23,113	1,003	0.440	4,493	4,493	5.294	10,125	10,125	113,727	Nil
Carriage trucks	23,916	23,113	1,003	0.440	4,493	4,493	5.294	10,125	10,125	113,727	Nil
Horse-boxes	23,916	23,113	1,003	0.440	4,493	4,493	5.294	10,125	10,125	113,727	Nil
Luggage vans	23,916	23,113	1,003	0.440	4,493	4,493	5.294	10,125	10,125	113,727	Nil
Post Office vehicles	494	494	Nil	0.150	5,250	5,250	100.0	2,372	2,372	24,515	Nil
Total	109,323	Nil	Nil	Nil	Nil	Nil	Nil	14,012.1	43,027.23	7,033,501	Nil
Passenger engines and tenders	6,451	Nil	Nil	Nil	5,070	Nil	Nil	Nil	2,372	Nil	Nil
" Brake-vans	25,993	Nil	Nil	Nil	6,102	Nil	Nil	Nil	15,118	Nil	Nil
Total coaching, ton mileage	Nil	Nil	Nil	Nil	Nil	Nil	Nil	14,012.1	92,232.886	Nil	10,637,017
GOODS—											
Goods vehicles	14,968.4	3,205.3	Nil	2,405	5,033	8,328	32.483	3,809.583	4,922,023	11,234,663	Nil
Cattle vans	3,472	4,464	Nil	1,208	6,109	7,395	7.308	4,464	21,210	25,674	Nil
Mineral trucks	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	14,231.50	Nil	Nil	Nil	Nil	Nil	Nil	3,809.583	11,234,663	11,234,663	Nil
Goods engines and tenders	6,451	Nil	Nil	Nil	5,070	Nil	Nil	Nil	2,372	Nil	Nil
" Brake-vans	6,451	Nil	Nil	Nil	5,224	Nil	Nil	Nil	34,011	Nil	Nil
Total goods, ton mileage	Nil	Nil	Nil	Nil	Nil	Nil	Nil	3,809.583	11,234,663	11,234,663	Nil
MISCELLANEOUS (FOR STORES CARRIED FREE ON REVENUE ACCOUNT) For Locomotive Department.	1,496	2,390	Nil	5,019	6,073	11,089	45.235	2,390	10,598	12,996	Nil
" Maintenance	14,225	61,003	Nil	5,019	6,073	11,089	45.235	61,003	27,310	125,063	Nil
Total	15,721	39,038	Nil	2,044	5,343	17,407	27.091	30,002	12,905	138,059	Nil
Engines and tenders	4,160	Nil	Nil	Nil	4,099	Nil	Nil	Nil	14,503	252,922	Nil
Brake-vans	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	14,503	252,922	Nil
For stores carried free in ordinary trains	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total Miscellaneous, ton mileage	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total ton mileage	Nil	Nil	Nil	Nil	Nil	Nil	Nil	5,309,797	239,2468	Nil	16,333,575

[20]

TABLE M.—III.

Distributed cost of carrying the vehicles of each class, including freight.

DETAILS.	COACHING.										GOODS.			
	First class.	Second class.	Third class.	Fourth class.	Carriage trucks.	Horse boxes.	Luggage vans.	Post Office vehicles.	Total.	Goods vehicles.	Cattle vans.	Mineral trucks.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Maintenance ...	(a) 1,113	1,113	1,113	"	44	827	1,113	5	12,174	1,113	47	"	21,935	
Locomotive ...	(b) 1,333	6,385	3,240	"	117	1,016	1,113	11	45,210	5,909	127	"	6,865	
Carriage and Wagon ...	(c) 243	574	3,441	"	19	113	442	2	4,824	1,362	43	"	9,365	
Traffic ...	(d) 891	2,110	12,490	"	72	376	1,625	8	7,732	23,707	57	"	22,214	
General ...	(e) 625	1,195	7,321	"	41	213	920	5	4,400	2,081	31	"	14,912	
Special and Miscellaneous ...	(f) 30	71	424	"	2	13	514	"	576	141	2	"	763	
Total	4,775	11,019	62,970	"	326	2,058	7,982	36	94,366	24,137	207	"	124,624	

TABLE M.—IV.

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

DETAILS.	COACHING.							GOODS.			
	First class.	Second class.	Third class.	Fourth class.	Carriage trucks.	Horse boxes.	Luggage vans.	Post Office vehicles.	Goods vehicles.	Cattle vans.	Mineral trucks.
Maintenance ...	Pies. 2,716	Pies. 2,716	Pies. 2,716	"	Pies. 2,017	Pies. 2,005	Pies. 2,005	Pies. 2,005	Pies. 2,005	Pies. 2,005	Pies. 2,005
Locomotive ...	" 841	" 1,493	" 815	"	" 1,017	" 1,017	" 1,017	" 1,017	" 1,017	" 1,017	" 1,017
Carriage and Wagon ...	" 0.832	" 0.832	" 0.832	"	" 0.832	" 0.832	" 0.832	" 0.832	" 0.832	" 0.832	" 0.832
Traffic ...	" 3,132	" 3,132	" 3,132	"	" 3,132	" 3,132	" 3,132	" 3,132	" 3,132	" 3,132	" 3,132
General ...	" 1,774	" 1,774	" 1,774	"	" 1,774	" 1,774	" 1,774	" 1,774	" 1,774	" 1,774	" 1,774
Special and Miscellaneous ...	" 0.105	" 0.105	" 0.105	"	" 0.105	" 0.105	" 0.105	" 0.105	" 0.105	" 0.105	" 0.105
Total ...	16,195	16,514	16,721	"	14,258	17,124	17,124	15,382	13,992	17,086	15,871
Cost per unit ...	15,349	14,427	0.612	"	8,906	17,073	68,710	93,280	6,337	12,321	"

TABLE M.—V.

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

DETAILS.	Average receipt per vehicle per mile.	Carrying cost per vehicle per mile.	Profit per vehicle per mile.	Loss per vehicle per mile.	Average receipt per unit per mile.	Carrying cost per unit per mile.	Profit per unit per mile.	Loss per unit per mile.	Proportion per cent. of profits to receipts.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
COACHING—	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	
1st class ...	13,927	16,775	"	2,119	1,357	5,679	"	4,322	"
2nd " ...	10,534	16,524	"	5,955	4,749	7,427	"	2,678	"
3rd " ...	2,424	16,721	"	"	2,186	1,661	"	"	"
4th " ...	"	"	"	"	"	"	"	"	"
Carriages ...	42,413	14,558	33,210	"	26,527	4,903	17,651	"	18,427
Horses ...	12,181	17,124	"	"	15,115	17,073	"	"	14,928
Trucks, dogs, ...	18,412	15,362	3,455	"	7,111	5,710	1,400	"	16,220
Post Office vehicles	"	"	"	"	"	"	"	"	"
GOODS—									
Merchandize, including Govern- ment stores and Railway materials ...	21,317	17,086	4,231	"	10,446	6,337	4,109	"	39,624
Cattle ...	24,110	14,897	9,229	"	10,773	2,511	8,262	"	44,192
Minerals ...	"	"	"	"	"	"	"	"	"

MADRAS,
24th March 1876.

H. G. Chatterjee
Commissioner Railway Accounts
Madras

TABLE I.—Costs of the Expenditure of Departments.

II.

Net Amount ... \$6,957

~~SECRET~~

Net Amount

Net Amount 45,076

Feb - June 6 23, 012

1357

Division of Expenses.

to conclude

goods

From

The Consulting Engineer

for Railways,

To

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

Confined By Dated 18/6/76

Dated

20th May

Received

23rd May

Encl: One

No. 248.

Review of the Revenue
Account of the South
Indian Railway for
half year ended 30th
June 1875

No. 485/6
1876

Public Order 1870

No. 3699

No. 1332 of 27th May/76
Ordered to be forwarded
to the Govt of India
Bills No. 1333 of 27 May/76
Copy of the above for-
warded to the Govt of
India.

Dated 16/6/76

786 of 27/75 No. 3173
1st April/76 862

[20]

TABLE M.—III.

Distributed cost of carrying the vehicles of each class, including freight.

Details.	COACHING.										Goods.			
	First class.	Second class.	Third class.	Fourth class.	Carriage trucks.	Horse boxes.	Luggage vans.	Post Office vehicles.	Total.	Goods vehicles.	Cattle vans.	Mineral trucks.	Total.	
Maintenance ... (a)	Rs. 1,194	Rs. 1,202	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	
Locomotive ... (b)	Rs. 1,333	Rs. 6,385	Rs. 3,200	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	
Carriage and Wagon ... (c)	Rs. 243	Rs. 574	Rs. 3,041	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	
Traffic ... (d)	Rs. 891	Rs. 2,110	Rs. 12,900	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	
General ... (e)	Rs. 625	Rs. 1,195	Rs. 7,221	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	
Special and Miscellaneous ... (f)	Rs. 30	Rs. 71	Rs. 426	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	
	Rs. 4,295	Rs. 11,119	Rs. 68,070	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	Rs. 1,124	

TABLE M.—IV.

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

3699

Govt. of 1870

PUBLIC WORKS.

Review of the Revenue Accounts of the Native Indians for the Half Year ended 30 June 75.

Copy 11/12/75

27th Aug 1882

Nos. 1853-7-

Forwarding
of the Revenue Accounts
of the Native Indians
for the Half Year
ended 30 June 75.

Review of the Revenue Accounts
of the Native Indians
for the Half Year
ended 30 June 75.
ordered to be for
wards to the
of India -