Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 1244-45 dy

DATED 11th Octr 1898.

120/3/30 60 00 at back

[Despatch Abstract.]

Capital & Revenue Accounts.

Mayavaram-Mutupet Ry.

Ordered that Copies of the — for the half-year ended the 30th June 1898, together with a brief note thereon by the Comr. Engr. for Rys. Madras, be forwarded to the Govt. of India & to the Secretary of State

Forwarding Copies of the — for the × × × × Madras.

Indexed

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. }
} 1898.
Regd. }

Enclosures

Spare copies

G.O., Nos. 1244, 1245 Ry., 11th October 1898.

OCTOBER.

Capital and Revenue Accounts, Mayavaram-Mutupet Railway

Forwarding copy of Proceedings embodying copies of the — for the half-year ended 30th June 1898, together with brief note thereon by the Consulting Engineer for Railways, Madras.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

MAYAVARAM-MUTUPET RAILWAY.

GAUGE, METRE. LENGTH, 54 MILES.

Brief Note by the Consulting Engineer for Railways on the Capital and Revenue Accounts for the half-year ending 30th June 1898.

Gross earnings show a small decrease compared with the average of the previous five half-years. This is chiefly due to the falling off of receipts from passenger traffic. Second-class passengers show a marked falling off, only half the usual number having made use of the line. The number of third-class passengers has also decreased, and the average sum received from each third-class passenger is lower than usual. This seems to show that the falling off is due to a fewer number of passengers having travelled over the line from places outside the district or to fewer passengers having availed themselves of the railway to leave the district for other parts.

Goods receipts are up to the average of previous half-years.

2. Working expenses have increased to a large extent. The percentage of these to gross receipts amounts to 73·44, or the largest since the line was opened for traffic. The figures cannot, however, be taken as correctly showing the results of the half-year's working. The increase appears under the sub-head "special and miscellaneous expenditure" which has risen from under 6 to 20·90 per cent. of gross receipts. This increase is due to the adjustment of arrears of the proportion of the interest charges on the capital cost of the joint stations at Mayavaram and Tiruválúr. For purposes of comparison we must deduct these arrears, amounting to Rupees 16,992–5–3, from the working expenses and add them on to the net earnings. The result of this is that expenses under the sub-head "special and miscellaneous expenditure" amount to 7·11 per cent. of gross earnings against an average of under 6 per cent., the increase being due to the inclusion in the half-year's accounts of the interest charges on the capital cost of stations which rightly appertain to the half-year under review, but do not appear in the accounts of previous half-years.

This brings the total working expenses to 59·65 per cent. of gross earnings or about the average.

3. *Net earnings.*—These are shown in the accounts as amounting to Rs. 32,737, and this is equivalent to a dividend of only 2·62 per cent. per annum on the capital expenditure to date. The payment above referred to of arrears of working expenses out of the present half-year's earnings renders these figures worthless for purposes of comparison with previous half-years or as a forecast of the future prosperity of the line. For a fair comparison it would be necessary to deduct these arrears, Rs. 16,992, from working expenses (Rs. 90,499), thus getting corrected working expenses Rs. 73,507, which, when deducted from gross earnings, gives us Rs. 49,729 as net earnings for the purpose of this comparison, and this figure represents a dividend of close upon 4 per cent. per annum on the capital outlay.

4. The following statement shows the results of the working of the line for each half-year since the date of opening for traffic, but the corrections explained above should be made if it is desired to arrive at figures comparable with those of previous half-years.

5. In view of the slackness which has been noticeable all over Southern India in the matter of railway travelling as a result of plague restriction, the figures for the Mayavaram-Mutupet Railway for the half-year under review cannot be considered as unsatisfactory.

OOTACAMUND,
28th September 1898.

FRANCIS J. E. SPRING,
Consulting Engineer for Railways.

Statistics.		1894.		1895.		1896.		1897.		1898.
		First half.	Second half.	First. half.	Second half.	First half.	Second half.	First half.	Second half.	First half.
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Train miles	No.	35,117	61,042	66,041	64,370	61,710	62,736	63,637	63,540	61,802
Gross earnings	Rs.	48,550	1,14,910	1,17,481	1,24,543	1,22,179	1,25,592	1,32,784	1,33,298	1,23,236
Working expenses ..	,,	29,412	71,106	69,114	79,241	75,177	73,233	75,567	79,019	90,499
Net earnings	,,	19,138	43,804	48,367	45,302	47,002	52,359	57,217	54,279	32,737
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Total ..	,,	35,531	85,340	80,704	90,416	88,741	90,582	94,822	94,638	85,706
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Total ..	,,	215,189	492,701	479,558	527,984	541,376	543,546	571,296	569,954	539,165
Tons lifted	No.	7,724	23,834	21,084	23,676	27,988	29,669	31,374	28,573	28,034
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* Excluding troops, police and season tickets. † Excluding railway material, coal, and military and revenue stores.

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Ordered that four copies of the Capital and Revenue Accounts of the Mayavaram-Mutupet Railway, for the half-year ending 30th June 1898, together with a brief note thereon by the Consulting Engineer for Railways, be forwarded to the Government of India and to the Secretary of State.

[Here enter No. 1245 Ry., dated 11th October 1898.]

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Consulting Engineer for Railways.
" Examiner of Railway Accounts, Madras.
" Agent, South Indian Railway.
" Accountant-General, Madras.
" Financial Department.
" Local and Municipal Department.

ENDORSEMENT—No. 1245 Ry., dated 11th October 1898.

Forwarded.

(By order.)

FRANCIS J. E. SPRING,
Joint Secretary.

OC with the accts dept 25/10/98.

Exd. T. K. Narayana Aiyangar.

Despatched on 25/10/98

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*

Regd. } *Spare copies*

G.O., No. ~~248~~ 1244 Ry., 11th October 1898.

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Ed. T. K Narayana Aiyangar.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

LETTER to the Right Honourable the Secretary of State for India.

No. $\frac{19}{1244\ \text{RY.}}$, dated 11th October 1898.

FORWARDING copy of Proceedings embodying the Capital and Revenue Accounts of the Mayavaram-Mutupet Railway for the half-year ended the 30th June 1898, with a brief note thereon by the Consulting Engineer for Railways.

RAILWAY.

Government {1898} of Madras.

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(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

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" Agent, South Indian Railway.
" Accountant-General, Madras.
" Financial Department.
" Local and Municipal Department.

Ex. T. K. Narayana Aiyangar.

No. $\frac{19}{1244\ \text{Ry.}}$, 11th October 1898.

PUBLIC WORKS DEPARTMENT.

Letter—to

The Right Honourable the SECRETARY of STATE for INDIA.

My Lord,

We have the honour to forward, herewith, a copy of our Proceedings, No. 1244 Ry., dated 11th October 1898, embodying the Capital and Revenue Accounts of the Mayavaram-Mutupet Railway for the half-year ended the 30th June 1898, together with a brief note thereon by the Consulting Engineer for Railways.

We have the honour to be,
My Lord,
Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.
(„) H. W. BLISS.
(„) A. T. ARUNDEL.

Ootacamund,
11th October 1898.

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*

Regd. } *Spare copies*

G.O., No. ~~462~~ Ry., ~~24th~~ March 1898.

~~MARCH~~.

Capital and Revenue Accounts, Mayavaram-Mutupet Railway

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Gauge, Metre. Length, 54 Miles.

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The Máyavaram-Mutupet Railway runs nearly due south from Máyavaram station of the South Indian Railway, penetrating the Tanjore district, and crossing at right angles the Negapatam branch of the South Indian Railway at Tiruvállúr. Its capital has been supplied in the proportion of about half by the Madras Government and half by the Tanjore District Board, who, with a view to the provision of capital for railway purposes in their district, have for several years past levied a special cess of 3 pies per acre. Its cost per mile has been Rs. 46,154.

2. A perusal of the statement overleaf, which gives the chief figures of its accounts since it was opened on the 2nd of April 1894, will show how satisfactorily it has been progressing. If reference to the 1st-half of 1894, which would only vitiate the comparison, be omitted, it will be found that the number of passengers using the railway has risen by 16 per cent., while the tonnage of goods has risen 20 per cent. Gross earnings exhibit a very steady rise, but working expenses, though in one half-year they dropped to 56·91 per cent. of earnings, do not seem to be able to keep much below 60 per cent. The percentage of working expenses to gross earnings follows, under each account head, that in the South Indian Railway accounts, with 5 per cent. added for use of rolling-stock. There is little doubt but that the number of passengers and the tonnage of goods carried must rise, on the existing 54-mile section, if ever the proposed extension, 45 miles southward to Avadaiyárkóvil, is brought to completion. The figure for train-mile earnings shows a slow but satisfactorily steady improvement, and is now Rs. 2·098.

3. But though net receipts are equivalent to a dividend of 4·36 per annum for the half-year under review, and have exceeded or equalled 4 per cent. during four out of the eight half-years of the railway's existence, yet the accounts show interest, at the conventional rate of 4 per cent., as up to date exceeding net earnings by Rupees 1,46,334. This conventional debit will, doubtless, get wiped out as years go on. But it is interesting to calculate that, had the line been built in the beginning with the aid of 3 per cent. debentures raised by the South Indian Railway Company, and if interest at this rate had, during construction, been debited to Capital, net earnings would, by now, have exceeded interest charges by about Rs. 70,000; while the road would have been shown as costing Rs. 47,800 per mile instead of Rs. 46,154, and the rate of dividend for the current half-year would have been 4·24 instead of 4·36. Had such been the state of affairs, any body of shareholders concerned therewith might well have been thought fortunate; and, as things are, congratulations may be tendered to the Tanjore District Board on the results of their foresight and enterprise.

4. The figures which go to make up the totals of gross earnings and expenditure will be found in full detail in the body of the report, and they need not here be further referred to. Nothing much in the way of a lesson appears to be deducible from them.

Madras,
16th March 1898.

Francis J. E. Spring,
Consulting Engineer for Railways.

Very urgent

Mayavaram - Mutupet Railway

Brief note on the Capital & Revenue Accounts for the half year ending 30th June 98

1. Gross earnings show a small decrease compared with the average of the previous five half years. This is chiefly due to the falling off of receipts from passengers traffic. Second class passengers show a marked falling off, only half the usual number having made use of ~~availed themselves of~~ the line. The number of third class passengers has also decreased and the average sum received from each third class passenger is lower than usual. This seems to show that the falling off is due to a fewer number of passengers having travelled over the line from places outside the district or to fewer passengers having availed themselves of the Railway to leave the District for other parts.

Goods receipts are up to the average of previous half years.

2. Working expenses have increased to a large extent. The percentage of these to gross receipts

amounts to 73.44 or the
largest since the line was
opened for traffic. The figures
cannot however be taken as
correctly showing the results
of the half years working.
The increase appears under the
subhead "Special & Miscellaneous
Expenditure" which has risen
from under 6% to 20.90
per cent of gross receipts.
This increase is due to the
adjustment of arrears of
the proportion of the interest
charges on the Capital cost
of the joint stations at
Mayaveram & Tiruvâlûr
For purposes of comparison we
must deduct these arrears,
amounting to Rs. 16,992-5-3
from the working expenses and
add them on to the net
earnings. The result of this
is that expenses under the
subhead "Special & Miscellaneous
Expenditure" amount to 7.11
per cent of gross earnings
against an average of under
6 per cent, the increase being
due to the inclusion in the
half years accounts of the
interest charges on the capital
cost of stations which rightly
appertain to the half year

under review but ~~which~~ do not appear in the accounts of previous half years. This brings the total working expenses to 59.65 per cent of gross earnings or about the average.

3. "Net earnings." These are shown in the accounts as amounting to Rs. 32,737 and this is equivalent to a dividend of only 2.62 per cent per annum on the capital expenditure to date. ~~On account of~~ The payment of arrears of working expenses out of the present half years earnings these figures are worthless for purposes of comparison with previous half years or as a forecast of the future prosperity of the line. By adding the arrears of working expenses, Rs. 16992-5-3, to the booked net earnings Rs. 32,737 we get the true net earnings of the half year viz Rs. 49,729 and this represents a dividend of 3.99 per cent per annum on the capital expenditure.

4. The following statement shows the results of the working of the line for each half year since the date of opening for traffic but the corrections explained above should be made to if it

For a fair comparison it would be necessary to deduct these amounts, Rs 16992 for working expenses ~~Rs~~ Rs. 90499 thus getting corrected working expenses Rs. 73507, which when divided into gross earnings gives us Rs 7724 as net earnings for the purpose of this comparison and this gives exactly a dividend of above 4 per cent per annum on the Capital outlay.

arrive at the true results of working in the half years under review

is desired to arrive at figures comparable with those of previous half years.

5. In view of the statement which has been submitted to the Secretary of State in the matter of taking traffic and of figures relative to the Negapatam Mutupet Railway for the half year ended 30th June 1898 together with a note thereon by the Consulting Engineer for Railways be forwarded to the Govt of India & to the Secretary of State

28/9/98

Rem - Have print the table with the added column

Order No 44

Ordered that four copies of the Capital & Revenue Accounts of the Negapatam Mutupet Railway for the half year ending 30th June 1898 together with a note thereon by the Consulting Engineer for Railways be forwarded to the Govt of India & to the Secretary of State

28.9.98.

Statistics.		1894. First half.	1894. Second half.	1895. First half.	1895. Second half.	1896. First half.	1896. Second half.	1897. First half.	1897. Second half.	1898 First half
Mean mileage worked	Miles.	26·85	53·99	53·99	53·99	53·99	53·99	53·99	53·99	53·99
Train miles	No.	35,117	61,042	66,041	64,370	61,710	62,736	63,637	63,540	61802
Gross earnings	Rs.	48,550	1,14,910	1,17,481	1,24,543	1,22,179	1,25,592	1,32,784	1,33,298	123236
Working expenses	,,	29,412	71,106	69,114	79,241	75,177	73,233	75,567	79,019	90479
Net earnings	,,	19,138	43,804	48,367	45,302	47,002	52,359	57,217	54,279	32757
Percentage of expenses to receipts.	%	60·58	61·88	58·83	63·63	61·53	58·31	56·91	59·28	73·44
Gross earnings per train mile ..	Rs.	1·382	1·882	1·779	1·935	1·980	2·002	2·087	2·098	1·994
Gross earnings per mile per week ..	,,	69·55	81·86	83·69	88·72	87·04	89·46	94·59	94·96	87·79
* Passenger receipts, 1st class ..	,,	101	161	233	201	218	207	255	127	171
Do. 2nd ,, ..	,,	821	2,046	1,826	1,942	2,034	1,880	1,964	1,536	1352
Do. 3rd ,, ..	,,	34,609	83,133	78,645	88,273	86,489	88,495	92,603	92,975	84183
Total ..	,,	35,531	85,340	80,704	90,416	88,741	90,582	94,822	94,638	85706
† Goods receipts	Rs.	8,550	25,325	25,981	24,592	27,889	29,622	32,041	31,815	31033
* Number of passengers 1st class ..	No.	100	154	171	184	176	179	208	109	174
Do. 2nd ,, ..	,,	2,543	5,675	5,501	5,470	5,725	5,401	5,476	2,933	2720
Do. 3rd ,, ..	,,	212,546	486,872	473,886	522,330	535,475	537,966	565,612	566,912	536271
Total ..	,,	215,189	492,701	479,558	527,984	541,376	543,546	571,296	569,954	539165
Tons lifted	No.	7,724	23,834	21,084	23,676	27,988	29,669	31,374	28,573	28034
Ton miles	,,	205,383	629,159	606,631	533,068	607,798	636,879	652,864	687,005	637259
Capital expenditure to date ..	Rs.	23,51,598	23,79,123	24,17,080	24,47,437	24,56,185	24,49,680	24,71,929	24,91,854	24,94,871
Dividend, per cent. per annum ..	,,	1·63	3·68	4·00	3·70	3·82	4·27	4·63	4·36	1·62

* Excluding troops, police and season tickets. † Excluding railway material, coal, and military and revenue stores.

Order—No. ~~462~~ Ry., dated ~~24th March~~ 1898.

Ordered that four copies of the Capital and Revenue Accounts of the Máyavaram-Mutupet Railway for the half-year ended the ~~31st December 1897~~, together with a note thereon by the Consulting Engineer for Railways, be forwarded to the Government of India and to the Secretary of State.

[Here enter No. ~~463~~ Ry., dated ~~24th March~~ 1898.]

(True Extract.)

for ~~Under~~ Secretary.

To the Consulting Engineer for Railways.
" Examiner of Railway Accounts, Madras.
" Agent, South Indian Railway.
" Accountant-General, Madras.
" Financial Department.
" Local and Municipal Department.

Exd. T. K. Narayana Aiyangar.

Mayaveram Mutupet -
Railway

URGENT.

No. 891

South Indian Railway Co., Ld.

AGENT'S OFFICE,

Trichinopoly, 24th September 1898.

From

THE AGENT,
SOUTH INDIAN RAILWAY,

To

THE CONSULTING ENGINEER
FOR RAILWAYS,
~~MADRAS.~~
Ootacamund

Sir.

In reply to your telegram of today, I have the honor to inform you that the amount of Rs 18,479-8-11 is made up as follows:-

(a) Arrears.

Joint works and works in sole use by Mayaveram Mutupet Ry. } 16,992-5-3

(b) Half year ended 30th June 1898.

Works in sole use by Mayaveram Mutupet Railway only } 1,487-3-8

The adjustment of the charges for the half year ended 30th June 1898 on account of joint works being based on weights of traffic passing through the junctions cannot be made until the station to station traffic return has been compiled.

I have the honor to be
Sir
Your most obedient Servant

A.G.S. Shelley
Capt R.E.
Agent

Mad.

1

MAYAVARAM MUTUPET RAILWAY.

CAPITAL STATEMENTS AND REVENUE ACCOUNTS,

Half-Year ending 30th June 1898.

TRICHINOPOLY:—BRANCH "ECLIPSE" PRESS.

From

THE AGENT,

SOUTH INDIAN RAILWAY,

Trichinopoly.

To

THE CONSULTING ENGINEER FOR

RAILWAYS,

Madras.

Dated

189

Received } No.

ENCLOSURE.

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MAYAVARAM MUTUPET RAILWAY.

PART I.

No 1.

STATEMENT OF CAPITAL OUTLAY AUTHORISED.

No.	Date of Sanction.	Sanctioning authority.	Nature of Estimate.	Amount.
68	21-7-92	H. M. Secretary of State	Total Capital outlay to 31st March 1895 against General Estimate closed on that date	Rs. 23,96,847
91 Ry.	19-9-95	Do.	Actual Outlay on Final Heads from 1st April 1895 to 31st March 1897 against the Completion Estimate	72,593
		Government of India.	Outlay on Final Heads during 1897-98... ... Rs. 27,605	
			Budget Estimate for 1898-99 ... ... ,, 6,000	33,605
			Total ...	25,03,045

ABSTRACT OF ABOVE.

Main head of Account.	Sanctions by Secretary of State: Actual Outlay on Project Estimate to end of 31st March 1895.	Sanctions by Secretary of State: Completion Estimate. Actual Outlay on Final Heads from 1st April 1895 to 31st March 1897.	Sanctions by Government of India: Actual Outlay on Final Heads from 1st April 1897 to 31st March 1898.	Sanctions by Government of India: Budget Estimate 1898-99.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Preliminary Expenses	16,099	72	...	...	16,171
Land	1,90,653	**11,058**	**383**	126	1,79,338
Formation	2,31,466	8,206	3,263	270	2,43,205
Bridgework	8,04,431	49,021	**6,748**	**500**	8,46,204
Fencing &c.	25,132	4,882	**117**	...	29,897
Electric Telegraph	2,591	**48**	**7**	71	2,607
Ballast and Permanent Way	6,75,292	**5,220**	1,925	990	6,72,987
Stations and Buildings	1,75,862	14,416	28,967	4,615	2,23,860
Plant	13,673	**214**	763	428	14,650
Ferries, &c.	...	...	...	...	...
Rolling Stock	...	...	...	...	...
General Charges	2,61,648	12,536	**58**	...	2,74,126
Total ...	23,96,847	72,593	27,605	6,000	25,03,045

No. V.

DETAILS OF CAPITAL EXPENDITURE FOR HALF-YEAR ENDING 30TH JUNE 1898.

		Rs.	A.	P.	Rs.	A.	P.
I.	LINES OPENED FOR TRAFFIC						
	Preliminary Expenses	...	...	...			
	Land	84	4	0			
	Formation	...	...	...			
	Bridgework	(a) **26**	**14**	**0**			
	Fencing &c.	(a) **121**	**8**	**2**			
	Electric Telegraph	...	...	...			
	Ballast and Permanent Way	(a) **501**	**10**	**3**			
	Stations and Buildings	5,111	12	0			
	Plant	348	13	8			
	Ferries &c.	...	...	...			
	General Charges	(a) **1,878**	**0**	**0**			
					3,016	13	3
II	LINES IN COURSE OF CONSTRUCTION						
	Preliminary Expenses	...	...	...			
	Land	...	...	...			
	Formation	...	...	...			
	Bridgework	...	...	...			
	Fencing &c.	...	...	...			
	Electric Telegraph	...	...	...			
	Ballast and Permanent Way	...	...	...			
	Stations and Buildings	...	...	...			
	Plant	...	...	...			
	General Charges	...	...	...			
					...	...	...
III	WORKING STOCK						
	Locomotive	...	...	...			
	Carriage and Wagon	...	..	...			
					...	...	...
	Docks, Steam-boats and other Expenditure				...	...	...
	Total Expenditure of Half-year				3,016	13	3

(a) Credit due to transfer of stores to the S. I. Ry.

No. VI.

ESTIMATE OF FURTHER EXPENDITURE ON CAPITAL ACCOUNT.

PARTICULARS.	Total Expenditure from commencement of operations to end of the half-year ending 30th June 1898.			Further Expenditure.		
				During the following half-year.	In Subsequent half-years.	Total.
	Rs.	A.	P.	Rs.	Rs.	Rs.
LINES OPENED FOR TRAFFIC MORE THAN TWO YEARS—						
Preliminary Expenses ...	16,171	1	2	...	...	...
Land ...	1,79,222	9	11	44	...	...
Formation ...	2,42,934	10	0	98	...	...
Bridgework ..	8,46,697	10	11	*327	...	...
Fencing &c. ...	29,896	14	7	...	...	...
Electric Telegraph ...	2,536	4	1	47	...	...
Ballast and Permanent Way ...	6,71,549	5	11	695	...	...
Stations and Buildings ...	2,19,392	9	2	3,369	...	...
Plant ...	14,221	11	7	...	...	...
General Charges ...	2,72,248	6	8	...	...	...
Total ...	24,94,871	4	0	3,926	...	...
LINES OPENED FOR TRAFFIC LESS THAN TWO YEARS—						
Preliminary Expenses ...	...	...	...	...	...	...
Land ...	...	...	...	...	...	...
Formation ...	...	...	...	...	...	...
Bridgework ...	...	...	...	...	...	...
Fencing &c. ...	...	...	...	...	...	...
Electric Telegraph ...	...	...	...	...	...	...
Ballast and Permanent Way ...	...	...	...	...	...	...
Stations and Buildings ...	...	...	...	...	...	...
Plant ...	...	...	...	...	...	...
General Charges ...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...
LINES IN COURSE OF CONSTRUCTION—						
Preliminary Expenses ...	...	...	...	...	...	...
Land ...	...	...	...	...	...	...
Formation ...	...	...	...	...	...	...
Bridgework ...	...	...	...	...	...	...
Fencing &c. ...	...	...	...	...	...	...
Electric Telegraph ...	...	...	...	...	...	...
Ballast and Permanent Way ...	...	...	...	...	...	...
Stations and Buildings ...	...	...	...	...	...	...
Plant ...	...	...	...	...	...	...
General Charges ...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...
ROLLING STOCK—						
Locomotive ...	...	...	...	...	...	...
Carriage and Wagon ...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...
DOCKS, STEAM BOATS AND OTHER SPECIAL ITEMS	...	...	...	...	...	...
SUBSCRIPTION TO OTHER RAILWAYS	...	...	...	...	...	...
WORKS NOT YET COMMENCED AND IN ABEYANCE	...	...	...	...	...	...
OTHER ITEMS	...	...	...	...	...	...
Total Expenditure to end of the half-year ...	24,94,871	4	0	...	...	...
Estimated Further Expenditure on Capital ...				3,926	...	...

* Due to anticipated credits.

PART II.

FORM NO. VIII.

MAYAVARAM MUTUPET RAILWAY.

REVENUE ACCOUNT FOR THE HALF-YEAR ENDING 30TH JUNE 1898.

Dr. *Cr.*

EXPENDITURE.									EARNINGS.							
Half-year ending 30th June 1897.			Per cent on Gross Receipts.		Abstract.	Half-year ending 30th June 1898			Per cent on Gross Receipts.	Half-year ending 30th June 1897.				Abstract.	Half-year ending 30th June 1898.		
Rs.	A.	P.				Rs.	A.	P.		Rs.	A.	P.			Rs.	A.	P.
15,462	8	1	11·64	To Maintenance of Way, Works and Stations..	(A)	13,215	7	6	10·72	97,203	4	8	By Coaching Traffic ...	(H)	88,399	7	5
24,219	14	9	18·24	„ Locomotive Expenses ...	(B)	24,026	6	7	19·50	34,245	7	6	„ Goods Traffic ...	(I)	33,068	15	0
7,646	13	6	5·76	„ Carriage and Wagon Expenses ...	(C)	7,306	7	0	5·93	657	13	6	„ Electric Telegraph Earnings ...	...	425	6	6
11,625	12	2	8·76	„ Traffic Expenses ...	(D)	11,334	7	9	9·20	...	...	...	„ Steam-boat Earnings ...	(J)	...	...	...
8,943	7	8	6·74	„ General Charges ...	(E)	8,858	4	6	7·19	677	1	1	„ Sundries ...	(K)	1,341	7	5
...	...	...	...	„ Steam-boat Service ...	(F)	...	...	...	...								
7,668	10	10	5·77	„ Special and Miscellaneous expenditure ...	(G)	(1)25,757	2	8	20·90								
75,567	3	0	56·91			90,498	4	0	73·44								
57,216	7	9	43·09	„ Balance Net Earnings ...		32,737	0	4	26·56								
1,32,783	10	9	100·00	Total ...		1,23,235	4	4	100·00	1,32,783	10	9			1,23,235	4	4

(1) Includes Rs. 6,161-12-3 on account of hire of Rolling stock paid to S. I. Ry. and Rs 18,479-8-11 on account of interest on the outlay on works solely & jointly used by M. M. Ry. at Mayavaram and Tiruvallur.

Dated TRICHINOPOLY, 7th September 1898.

FRANCIS J. E. SPRING,
Consulting Engineer for Railways, Madras.

T. H. LEMESURIER,
for Offg. Agent, S. I. Ry.

E. A. WALLER,
Major, R. E.,
Examiner of Railway Accounts, Madras.

H. BUTTERFIELD,
Accountant in charge, Office of Dy. Examiner of Railway Accounts, Trichinopoly.

E. E. B. BAILEY,
for Chief Auditor, S. I. Ry.

No. X.

5

ABSTRACT H.

COACHING TRAFFIC.

June 1897. **June 1898.**

Tariff Mileage fares.			First Class.				Second Class.				Third Class.				Total.			
Single Return.			12 Pies, ...				6 Pies. ...				2 Pies. ...							
			No.	Amount.			No.	Amount.			No.	Amount.			No.	Amount.		
Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.
94,281	11	7	173½	170	3	6	2,720	1,343	1	1	536,271	83,995	11	0	539,164½	85,508	15	7
215	11	6	Nil.	0	9	0	Nil.	8	15	0	Nil.	187	7	11	Nil.	196	15	11
325	0	6	Return Journeys..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
529	1	0	Troops and Police	...	...	...	18	11	5	8	1,734½	447	11	11	1,742½	459	1	7
95,351	8	7	Total ...	173½	170	12	2,738	1,363	5	9	537,995½	84,630	14	10	540,907	86,165	1	1
			Corresponding Period of 1897.	208½	254	15	5,483½	1,967	14	2	567,818½	93,128	11	5	573,510½	95,351	8	7
32	11	1	Season Tickets ...	...	...	...	...	...	...	...	*2	30	11	11	2	30	11	11
			Corresponding Period of 1897.	...	...	...	...	...	...	...	3	32	11	1	3	32	11	1

			Passenger-Miles.				42,733				43,746				8,176,409			
963	5	4	II.—*Passengers' Luggage* ...	...	...	...	...	...	...	...	...	...	...	...	Ton-Miles.	2,056	930	13
...	...	...	III.—*Military Baggage*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			IV.—*Carriages, Horses, Dogs, &c.*—															
27	9	0	(1) Carriages	...	...	...	...	...	...	...	...	...	...	...	No.	...	...	...
55	4	8	(2) Horses	...	...	...	...	...	...	...	...	...	...	...	,,	16	47	1
33	4	1	(3) Dogs, &c.	...	...	...	...	...	...	...	...	...	...	...	,,	132	35	1
116	1	9														...	82	3
			V.—*Military Carriages, Horses, &c.*—															
...	...	...	(1) Carriages	...	...	...	...	...	...	...	...	...	...	...	No.	...	...	...
...	...	...	(2) Horses	...	...	...	...	...	...	...	...	...	...	...	,,	...	...	...
...	...	...	(3) Dogs, &c.	...	...	...	...	...	...	...	...	...	...	...	,,	...	...	...
			VI.—*Parcels*—															
540	7	10	(1) For the Public	...	...	...	...	...	...	...	...	...	...	...	Ton-Miles.	1,763	993	10
...	...	...	(2) For Revenue	...	...	...	...	...	...	...	...	...	...	...	,,	...	...	...
			VII.—*Special Trains*	...	...	...	...	...	...	...	...	...	...	...	Train-Miles.	...	...	...
...	...	...														...	...	...
...	...	...	VII A.—Trollies	...	...	...	...	...	...	...	...	...	...	...	Trolly Miles.	...	...	...
7	11	10	VIII.—*Miscellaneous*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
																...	6	0
			IX.—*Post Office*—															
...	...	...	(1) Haulage and Hire of Post Office Vehicles												No. of Vehicles hauled.	...	...	...
...	...	...													Mileage of do.	...	...	...
...	...	...	(2) Special Trains	...	...	...	...	...	...	...	...	...	...	...	Train-Mile	...	...	...
191	6	3	(3) Parcels	...	...	...	...	...	...	...	...	...	...	...	Ton-Miles	...	200	15
97,203	4	8													Total ...	...	88,399	7
...	...	...													Less outstandings irrecoverable ...	...	...	...
97,203	4	8													Total ...	...	88,399	7

*Equivalent to 960 single journeys.

No. X.—(*Continued.*)

ABSTRACT I.

GOODS TRAFFIC.

June 1897. **June 1898.**

Rs.	A.	P.		Number of tons lifted.	Average rate per ton per Mile.	Ton-miles.	Amount. Rs.	A.	P.
					Pies.				
32,041	2	0	I.—*Merchandize, General*	28,034	9·35	637,259	31,033	3	0
28	3	0	II.—*Military Stores* ...	6	26·28	137	18	12	0
618	4	0	III.—*Railway Materials for Construction* ...	4,022	2·24	60,306	703	6	0
32,687	9	0		32,062	8·74	697,702	31,755	5	0
...	...	...	IV.—*Coal*—						
...	...	...	(1) For the Public	34	8·45	565	24	14	0
422	3	0	(2) For the Company (*construction only*) ...	...	...	...	...	...	...
...	...	...	(3) For Locomotive Department (*Revenue only*)	1,415	2·46	38,510	494	2	0
422	3	0	(4) For other Departments	6	2·96	85	1	5	0
			Total Coal ...	1,455	2·55	39,160	520	5	0
			V.—*Revenue stores*—						
947	13	0	(1) For all Departments excepting Coal and Locomotive fuel	2,604	2·47	34,966	450	1	0
...	...	...	(2) Wood and Patent fuel for Locomotive Department	...	...	...	...	...	...
947	13	0	Total ...	2,604	2·47	34,966	450	1	0
34,057	9	0	Total Goods ...	36,121	8·14	771,828	32,725	11	0
			VI.—*Live Stock*—						
...	...	...	(1) Horses ... ... No. ...			...	...	...	...
9	15	0	(2) Cattle ... ... „ ...			47	28	4	0
4	8	0	(3) Sheep, &c. ... ... „ ...			...	...	...	...
14	7	0	Total ...			47	28	4	0
			VII.—*Military Live Stock*—						
...	...	...	(1) Horses ... ... No. ...			...	...	...	...
...	...	...	(2) Cattle ... ... „ ...			...	...	...	...
...	...	...	(3) Sheep, &c, ... „ ...			...	...	...	...
...	...		Total ...			...	...	...	...
173	7	6	VIII.—*Rents and Demurrage, Wharfage, Storage, &c.*			...	315	0	0
...	...	...	IX.—*Interest on outstanding Bills*			...	...	...	...
...	...	...	X.—*Miscellaneous*			...	...	...	...
34,245	7	6	Total ...			...	33,068	15	0
...	...	...	Less outstandings irrecoverable ...			...	...	...	...
34,245	7	6	Total ...			...	33,068	15	0

ABSTRACT J.

STEAM BOAT EARNINGS.

Nil.

No. X.—(*Concluded.*)

ABSTRACT K.

SUNDRIES.

June 1897. **June 1898.**

Rs.	A.	P.		Rs.	A.	P.
...	...	...	Hire of Locomotives ... ... { Gross Receipts ... / Gross Charges ...	...	...	...
...	...	...	„ of Vehicles ... ... { Gross Receipts ... / Gross Charges ...	...	...	...
...	...	...	Rent of Stations, &c., jointly occupied ... { Gross Receipts ... / Gross Charges ...	...	...	...
...	...	...	Mileage and Demurrage of Vehicles over Foreign Lines ... ... { Gross Receipts ... / Gross Charges ...	...	...	...
...	...	...	Shunting at joint Stations ... ... { Gross Receipts ... / Gross Charges ...	...	...	...
...	...	...	Clearing accounts with other lines	...	...	...
...	...	...	Tolls on Bridges	...	...	...
...	...	...	Rents of Dwelling-houses	...	...	...
239	5	5	Rents of Refreshment-rooms	936	15	4
56	12	0	Rents of Land, side Cuttings, &c.	197	4	6
0	3	9	Profits of workshops for work done for State Railways, &c.	60	4	0
...	...	...	Sale of unclaimed and damaged goods	2	0	11
...	...	...	Unpaid or unclaimed salaries	0	3	9
...	...	...	Allowance for collecting Municipal Fees	...	...	...
372	13	11	Sale of Revenue Stores	...	...	...
			Rs. A. P. (1) Maintenance ... ... Rs. A. P.	133	1	5
			368 13 11 (2) Locomotive			
			... ... (3) Carriage and Wagon 130 7 5			
			3 0 0 (4) Traffic			
			... ... (5) General 2 10 0			
7	14	0	Miscellaneous	11	9	6
677	1	1	Total ...	1,341	7	5
...	...	...	Less outstandings irrecoverable ...	...	...	...
677	1	1	Total ...	1,341	7	5

No. XII.—A.
STATEMENT OF FLOTILLA SERVICE—Nil.

No. XIII.
MILEAGE STATEMENT.

	Double Line.	Single Line.	Total.	Sidings.
	Miles.	Miles.	Miles.	Miles.
Lines *Sanctioned not commenced* ...	...	...	...	...
Do. *under construction*	...	...	...	...
Do. *constructed but not worked*...	...	...	...	...
Do. *owned by the State and worked by the Company*	...	53·99	53·99	5·71
Do. *constructed do. do. others*	...	...	...	...
Lines worked by the Company—				
State ... ... Total ...	...	53·99	53·99	5·71
Foreign	...	...	...	...
	...	53·99	53·99	5·71
Foreign Lines worked over by the State ... ... Total ...	...	...	...	...
	...	53·99	53·99	5·71
Total mean mileage worked including mileage worked over during the half-year ...	...	53·99	53·99	5·71

No. XIV.
STATEMENT OF TRAIN MILEAGE.

		Miles.	Estimated Locomotive Expenses.
			Rs.
1. Train-miles run for Public Traffic	Passengers	96	33
	Goods	2,145	741
	Mixed	(*a*) 59,327	20,504
	Light	(*b*) 210	73
		24	8
	Total Train-Mileage ...	...	...
2. Train-miles run for Locomotive Department		61,802	21,359
3. do. do. Maintenance		...	...
4. Mileage of Assisting Engines (actual distance)		7,633	2,638
5. Miles of Engines Shunting and Standing in steam for Traffic purposes calculated at five miles an hour		84	29
6. Miles run for miscellaneous services (actual distance)		...	...
Total Miscellaneous Engine-Mileage, ...		7,717	2,667
Total Engine and Train-Mileage ...		69,519	24,026

	(*a*)	(*b*)
Coaching	46,814	30
Goods	12,513	180
	59,327	210

No. XV.
DISTRIBUTION STATEMENT OF AUDITED SALARIES INCLUDING ALLOWANCES AND OFFICE EXPENSES.

Department.	Capital.			Revenue. *			Total.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Government Supervision, Audit and Control	...	...	...	...	...	...	...	...	...
General Administration	...	...	...	...	...	...	...	...	...
Direction	...	...	...	...	...	...	...	...	...
Engineering	...	...	...	...	...	...	...	...	...
Locomotive	1,878	0	0	...	...	...	1,878	0	0
Carriage and Wagon	...	...	...	...	...	...	...	...	...
Traffic	...	...	...	...	...	...	...	...	...
Controlling	...	...	...	...	...	...	...	...	...
Audit and Accounts	...	...	...	...	...	...	...	...	...
Paymaster	...	...	...	...	...	...	...	...	...
Stores	...	...	...	...	...	...	...	...	...
Medical	...	...	...	...	...	...	...	...	...
Police	...	...	...	...	...	...	...	...	...
Electric Telegraph...	...	...	...	...	...	...	...	...	...
Total...	1,878	0	0	...	...	...	1,878	0	0

* Included in the South Indian Railway.

No. XVII.
NET REVENUE ACCOUNT FOR THE HALF-YEAR ENDING 30TH JUNE 1898.

Dr. *Cr.*

	Rs.	A.	P.		Rs.	A.	P.
To Interest on Capital Outlay at 4 per cent.	49,945	0	0	By Net Earnings of the Half-year as per Form No. VIII. ...	32,737	0	4
				By Balance, being net loss to Government	17,207	15	8
Total ...	49,945	0	0	Total ...	49,945	0	0

No. XVII A.
ACCOUNT OF TOTAL NET RECEIPTS.

Dr. *Cr.*

	Rs.	A.	P.		Rs.	A.	P.
To Net Earnings to end of previous half-year	3,67,468	1	9	By Amount outstanding at debit of Traffic Account ...	...	...	...
To Net Earnings for Current half-year ...	32,737	0	4	By Amount of Net Receipts ...	4,00,205	2	1
Total ...	4,00,205	2	1	Total ...	4,00,205	2	1

No. XVII B.
INTEREST ACCOUNT.

Dr. *Cr.*

	Rs.	A.	P.		Rs.	A.	P.
To Amount of Net Receipts from Account No. XVII A. ...	4,00,205	2	1	By Interest to end of previous half-year...	5,13,802	0	0
To Balance, excess of Interest on Capital over Net Receipts ...	1,63,541	13	11	By Interest during Current half-year ...	49,945	0	0
Total ...	5,63,747	0	0	Total ...	5,63,747	0	0

No. XVIII.
CAPITAL ACCOUNT.

Dr.

To Expenditure incurred in India to 30th June 1898.

	Rs.	A.	P.
By Construction Account viz.			
Preliminary Expenses			
Land	16,171	1	2
Formation	1,79,222	9	11
Bridgework	2,42,934	10	0
Fencing &c.	8,46,697	10	11
Electric Telegraph	29,896	14	7
Ballast and Permanent Way	2,536	4	1
Stations and Buildings	6,71,519	5	11
Plant	2,19,392	9	2
Steam Ferries &c.	14,221	11	7
Rolling Stock	...	...	...
General Charges	...	...	...
... ...	2,72,248	6	8
By Suspense Account	24,94,871	4	0
Less—Receipts on Capital Account	...	...	...
Net Capital Outlay	24,94,871	4	0
Add—*Charges for Leave and Pension Allowances*	...	...	...
Charge for Capitalization of abatement of Land Revenue	24,94,871	4	0
	...	...	...
	* 82,003	1	3
Total ...	25,76,874	5	3

	Rs.	A.	P.
Charge for Leave and Pension allowance and for Capitalization of abatement of Land Revenue. ...	82,003	1	3
Total ...	25,76,874	5	3

* The decrease of Rs. 9,547—11—5 during the half year is due to land surrendered to Civil Department.

Dated Trichinopoly, 7th September 1898.

FRANCIS J. E. SPRING,
Consulting Engineer for Railways, Madras.

E. A. WALLER,
Major, R. E.,
Examiner of Ry. Accts., Madras.

H. BUTTERFIELD,
Accountant in charge, Office of Dy. Examiner of Ry. Accts., Trichinopoly.

T. H. LEMESURIER,
for Offg. Agent, S. I. R.

E. E. B. BAILEY.
for Chief Auditor, S. I. R.

DESCRIPTION,	Quantity. 1st Half 1897.	Quantity. 1st Half 1898.	Receipts. 1st Half 1897.	Receipts. 1st Half 1898.	Quantity. Increase.	Quantity. Decrease.	Receipts. Increase.	Receipts. Decrease.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
I. Coal and Coke carried for the public and foreign Railways.	...	34·15	...	25	34·15	...	25	...
II. Cotton Raw ...	·22	5·64	1	10	5·42	...	9	...
III. Cotton Manufactured—								
1 Twist and yarn (European) ...	94·02	75·00	242	156	...	19·02	...	86
2 Do. (Indian) ...	15·18	12·93	70	39	...	2·25	...	31
3 Piece-goods (European) ...	130·65	148·44	528	439	17·79	...	...	89
4 Do. (Indian) ...	23·56	23·16	76	58	...	·40	...	18
IV. Drugs and Chemicals—								
1 Intoxicating, other than opium	·20	...	1	...	...	·20	...	1
2 Non-intoxicating—								
(*a*) Cinchona bark ...	...	...	...	...	...	...	...	...
(*b*) Others ...	87·74	74·96	238	177	...	12·78	...	61
V. Dyes and Tans—								
1 Indigo ...	5·36	2·64	45	6	...	2·72	...	39
2 Myrabolams ...	5·93	12·11	7	12	6·18	...	5	...
3 Cutch ...	14·98	12·15	21	17	...	2·83	...	4
4 Turmeric ...	34·61	21·31	51	30	...	13·30	...	21
5 Aniline dyes ...	...	...	...	...	...	...	...	...
6 Others ...	19·21	22·40	46	44	3·19	...	...	2
VI. Grain and Pulse—								
1 Wheat ...	1·90	6·96	3	11	5·06	...	8	...
2 Rice in the husk ...	7,969·41	5,064·81	6,115	5,517	...	2,904·60	...	598
3 Rice not in the husk ...	7,054·42	2,793·18	3,568	2,324	...	4,261·24	...	1,244
4 Jawar and Bajra ...	2·44	44·81	5	26	42·37	...	21	...
5 Gram and Pulse ...	552·02	870·54	579	822	318·52	...	243	...
6 Others ...	122·41	38·03	243	46	...	84·38	...	197
VII. Hides and Skins—								
1 Hides of cattle—								
(*a*) Dressed or tanned ...	·62	·54	4	2	...	·08	...	2
(*b*) Raw ...	16·46	9·45	46	24	...	7·01	...	22
2 Skins of sheep &c.—								
(*a* Dressed or tanned ...	1·83	·65	7	4	...	1·18	...	3
(*b*) Raw ...	38·13	25·51	100	69	...	12·62	...	31
VIII. Horns ...	2·43	1·18	9	4	...	1·25	...	5
IX. Jute—								
1 Raw ...	...	55·61	...	188	55·61	...	188	...
2 Gunny bags and cloth ...	468·50	236·94	687	374	...	231·56	...	313
X. Lac—								
1 Stick ...	7·01	3·93	7	5	...	3·08	...	2
2 Shell ...	·30	·97	1	1	·67	...	...	...
XI. Leather Manufactured ...	·81	·34	3	1	...	·47	...	2
XII. Liquors— ...								
1 Beer	3·09	2·80	14	10	...	·29	...	4
2 Spirits ...	8·24	4·46	44	15	...	3·78	...	29
3 Wines ...	2·59	5·07	12	18	2·48	...	6	...
XIII. Metals—								
1 Copper unwrought ...	3·15	3·04	5	3	...	·11	...	2
2 Brass unwrought ...	8·46	2·67	13	6	...	5·79	...	7
3 Copper wrought ...	1·19	4·58	4	4	3·39	...	...	...
4 Brass wrought ...	11·58	17·37	27	47	5·79	...	20	...
5 Iron ...	357·72	304·88	1,035	647	...	52·84	...	388
6 Others ...	53·03	27·02	121	51	...	26·01	...	70
XIV. Oils— ...								
1 Kerosine ...	395·09	714·39	1,163	1,499	319·30	...	336	...
2 Castor ...	38·57	28·76	80	27	...	9·81	...	53
3 Cocoanut ...	3·04	2·46	4	3	...	·58	...	1
4 Others ...	46·10	21·84	102	30	...	24·26	...	72
XV. Oil Seeds—								
1 Linseed ...	...	2·45	...	2	2·45	...	2	...
2 Rape and Mustard ...	88·20	94·42	87	87	6·22	...	...	...
3 Til or Jinjili ...	477·28	520·24	548	543	42·96	...	...	5
4 Poppy ...	4·00	1·07	7	1	...	2·93	...	6
5 Earthnuts ...	200·22	56·70	241	166	...	143·52	...	75
6 Castor ...	18·79	5·17	23	9	...	13·62	...	14
7 Others ...	44·55	17·29	52	48	...	27·26	...	4
Carried over ...	18,435·24	11,435·02	16,285	13,647	871·55	7,871·77	863	3,501

ABSTRACT OF PRINCIPAL COMMODITIES.—*Continued.*

DESCRIPTION.	Quantity. 1st Half.		Receipts. 1st Half.		Quantity.		Receipts.	
	1897.	1898.	1897.	1898.	Increase.	Decrease.	Increase.	Decrease.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Brought over ...	18,435·24	11,435·02	16,285	13,647	871·55	7,871·77	863	3,501
XVI. Opium ...	...	...	...	...	...	...	...	...
XVII. Paper and Paste Board ...	57·02	71·83	212	180	14·81	...	...	32
XVIII. Provisions—								
1 Ghee								
2 Dried Fruits and Nuts ...	5·70	6·44	11	11	·74	...	...	...
3 Others ...	31·45	7·97	73	10	...	23·48	...	63
...	485·63	474·56	748	596	...	11·07	...	152
XIX. Railway Plant and Rolling Stock—*Carried for the Public and Foreign Railways*—								
1 Locomotive engines & tenders and parts thereof ...	...	...	...	...	...	...	...	...
2 Carriages and Trucks and parts thereof	...	...	...	...	...	...	...	...
3 Materials ...	...	...	...	...	...	...	...	...
(*a*) Steel rails and fish plates	754·82	...	544	...	...	754·82	...	544
(*b*) Sleepers and keys of steel and cast iron ...	1,295·39	...	963	...	...	1,295·39	...	963
(*c*) Other sorts ...	122·89	20·17	125	28	...	102·72	...	97
XX. Salt ...	802·10	643·34	703	491	...	158·76	...	212
XXI. Saltpetre, &c.								
1 Saltpetre								
2 Other saline substances ...	1·28	1·09	11	2	...	·19	...	9
XXII. Silk, Raw—	...	...	...	...	...	...	...	...
1 Foreign								
2 Indian ...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
XXIII. Silk, Piece goods—								
1 Foreign								
2 Indian ...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
XXIV. Spices—								
1 Betel-nuts								
2 Pepper ...	1,424·94	1,376·21	2,637	2,784	...	48·73	147	...
3 Ginger ...	10·62	7·20	20	10	...	3·42	...	10
4 Chillies ...	4·18	3·31	8	4	...	·87	...	4
5 Cardamoms ...	122·76	101·96	310	294	...	20·80	...	16
6 Others ...	·33	·22	1	1	...	·11	...	...
XXV. Stone and Lime ...	6·04	23·87	18	73	17·83	...	55	...
XXVI Sugar— ...	3,070·21	10,007·36	1,721	7,273	6,937·15	...	5,552	...
1 Refined or crystalized including sugar-candy ...	103·30	129·99	141	123	27·69	...	...	18
2 Unrefined, viz., mollasses & Jaggery or gur and other saccharine produce ...	485·72	265·05	654	324	...	220·67	...	330
XXVII. Tea—								
1 Foreign								
2 Indian ...	...	...	...	...	...	...	...	...
...	·05	·33	1	1	·28	...	...	...
XXVIII. Timber— ...	826·42	213·48	862	231	...	612·94	...	631
XXIX. Tobacco—								
1 Unmanufactured								
2 Manufactured— ...	26·14	12·70	36	20	...	13·44	...	16
(*a*) Cigars ...	2·94	3·61	8	9	·67	...	1	...
(*b*) Other sorts ...	4·06	6·02	5	8	1·96	...	3	...
XXX. Wool, Raw—	...	...	...	...	...	...	...	...
XXXI. Wool, Manufactured—								
1 Piece-goods, European ...	...	...	...	...	...	...	...	...
2 Do. Indian ...	...	·06	...	1	·06	...	1	...
3 Shawls ...	...	...	...	...	...	...	...	...
XXXII. All other articles of Merchandise—	3,305·85	3,262·79	5,973	4,956	...	43·06	...	1,017
Total Public ...	31,384·08	28,074·58	32,070	31,077	7,872·74	11,182·24	6,622	7,615
Add—Company's materials ...	9,081·92	8,046·42	1,988	1,649	...	1,035·50	...	339
Total ...	40,466·00	36,121·00	34,058	32,726	7,872·74	12,217·74	6,622	7,954

MAYAVARAM MUTUPET RAILWAY.

CERTIFICATES.

FOR

HALF-YEAR ENDING 30TH JUNE 1898.

Certified that the foregoing accounts of the Mayavaram Mutupet Railway for the half-year ending 30th June 1898, are correct and have been prepared strictly in accordance with the orders in force.

E. A. WALLER, *Major*, R. E.,
Examiner of Railway Accounts, Madras.
12th September 1898.

E. E. B. BAILEY,
for Chief Auditor.
7th September 1898.

Certificate respecting the Permanent Way, &c.

I hereby certify that the whole of the Permanent Way, Stations, Buildings, &c., have, during the past half-year, been maintained in good working condition and repair.

FRANCIS F. SMITH,
Acting Chief Engineer.

Dated 30th July 1898.

—:o:—

I hereby confirm the certificate given above.

FRANCIS J. E. SPRING,
Senior Government Inspector for Railways,
MADRAS.

Madras, 11th August 1898.

ANALYSIS OF THE WORKING RESULTS FOR THE HALF-YEAR ENDING 30TH JUNE 1898.

A.—PASSENGER TRAFFIC.

Average length open	Miles...	53·99
(1) Receipts from Coaching Traffic	Rs ...	88,399
(2) Passenger train-miles run	No...	46,940
(3) Average passenger train-mile receipts	Rs...	1·88
(4) Number of passengers carried one mile	No...	8,433,386
(5) Average sum received for carrying a passenger one mile	Ans...	·17
(6) Average number of passengers in a train at any one time	No...	179·66
(7) Average number of passenger trains per diem *each* way, supposing each train to traverse the whole line open	„ ...	2·40
(8) Average number of passenger passing over each mile of line daily (both ways)	„ ...	863·00
(9) Total working expenses for both goods and passengers deducting from them telegraph, special and miscellaneous receipts and demurrage on goods	Rs...	1,21,153
(10) Average cost of running a train mile : passengers and goods miles assumed to cost the same ...	„ ...	1·96
(11) Average cost of carrying a passenger one mile	Ans...	·17

B.—GOODS TRAFFIC.

Average length open	Miles...	53·99
(1) Receipts from Goods Traffic, exclusive of demurrage on goods	Rs...	32,754
(2) Goods train-miles run	No...	14,862
(3) Average goods train-mile receipts	Rs...	2·20
(4) Tons of goods carried one mile	No...	772,494
(5) Average sum received for carrying one ton one mile	Ans...	·68
(6) Average number of tons in a goods train at any one time	Tons...	51·98
(7) Average number of goods trains per diem *each* way, supposing each train to run over the whole line open	No...	·76
(8) Average number of tons of goods passing over each mile of line daily (both ways) ...	Tons...	79·05
(9) Total working expenses for both goods and passengers, deducting from them telegraph, special and miscellaneous receipts, and demurrage on goods	Rs...	1,21,153
(10) Average cost per train mile : goods and passenger miles assumed to cost the same ...	„ ...	1·96
(11) Average cost of carrying a ton of goods one mile	Ans...	·60