

Public Works (1899) Department.

Print over

RAILWAY BRANCH.

G.O., No. 371-72 *Ly*

DATED 5th April 1899

Proof $\frac{120}{3} = 40$
 $\frac{20}{1} = 20$
 $\frac{60}{1} = 60$
 $\frac{20}{1} = 20$

[Despatch Abstract.]

Capital & Revenue Accts, Kolar Gold
Field Railway.

(For Rs)

Ordered that Copies of the — for the half-year
ending the 31/12/98, together with a brief note thereon by
the Cons. Engr. for Rs. Madras, be forwarded to the Engr.
& to the Sd. —

(For Engr. to Engr.)

Forwarding Copy of Res embodying the ^{copy of}
— for the half-year ending the 31/12/98, together with a brief
note thereon by the Cons. Engr. for Rs. Madras.

(For Despatch)

2ding copy of Res embodying the Capital & Revenue
of the K. E. & Ry for the half-year ending the 31/12/98, together with
a brief note thereon by the Cons. Engr. for Rs. Madras.

Indexed.

100-4-1-08

FORWARDING copy of Proceedings embodying the Capital and Revenue Accounts of the Kolar Gold Fields Railway for the half-year ending the 31st December 1898, with a brief note thereon by the Consulting Engineer for Railways, Madras.

RAILWAY.

Government {1899} of Madras.
PUBLIC WORKS.

Recd.

1899.

Enclosures

Regd.

Spare copies

G.O., No. 371 Ry., 5th April 1899.

APRIL.

Capital and Revenue Accounts, Kolar Gold Fields Railway

Ordered that copies of the — for the half-year ended the 31st December 1898, together with a brief note thereon by the Consulting Engineer for Railways, Madras, be forwarded to the Government of India and to the Secretary of State.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

Capital and Revenue Accounts of the Kolar Gold Fields Railway for the half-year ending the 31st December 1898.

Brief Note on the Capital and Revenue Accounts of the Kolar Gold Fields Railway for the half-year ending the 31st December 1898.

The following table shows the principal features of the working of the 10-mile line since it was opened on the 1st June 1894:—

Statistics.	1894.		1895.		1896.		1897.		1898.	
	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.
Mean mileage worked Miles.	1-66	10-00	10-00	10-00	10-00	10-00	10-00	10-00	10-00	10-00
Train miles No.	3,292	17,822	16,270	16,204	15,856	17,090	17,942	19,324	18,646	19,924
Gross earnings Rs.	13,219	62,552	69,641	88,312	70,213	85,104	98,854	1,10,000	1,06,037	97,955
Working expenses "	8,185	38,813	38,595	47,979	40,857	51,173	54,963	63,613	52,117	69,752
Net earnings "	5,034	24,239	31,046	35,333	29,356	33,931	43,891	46,387	53,920	28,213
Percentage of expenses to receipts ..	61-92	61-25	55-42	57-59	58-19	60-13	55-60	57-83	49-15	71-20
Gross earnings per train mile Rs.	4-015	3-510	4-280	5-141	4-428	4-980	5-510	5-697	5-687	4-917
* Passenger receipts, 1st class	306-28	240-58	267-85	320-43	270-05	327-32	380-21	423-08	407-83	376-79
Do. do. 2nd	211	840	490	607	532	693	632	650	823	670
Do. do. 3rd	101	631	990	1,108	1,111	1,067	1,116	1,299	1,323	1,238
Total	2,072	13,990	13,915	16,886	18,470	20,387	22,340	22,958	23,408	17,300
† Goods receipts Rs.	3,691	15,989	13,813	21,170	14,319	17,699	26,502	33,737	22,284	21,028
* No. of passengers, 1st class No.	1,058	4,161	2,426	1,194	1,376	1,500	1,528	1,976	1,692	5,716
Do. do. 2nd	950	6,092	9,502	4,996	5,127	4,856	5,154	6,002	6,029	5,716
Do. do. 3rd	34,686	238,816	238,700	217,035	241,796	269,520	297,360	303,562	309,455	231,672
Total	36,694	249,069	250,628	223,321	248,117	275,752	304,054	311,092	317,460	238,980
† Tons lifted No.	4,099	17,142	15,034	23,610	15,424	18,797	28,533	37,042	23,462	35,148
† Ton miles	32,489	138,278	127,334	187,499	133,935	148,878	232,394	308,330	197,542	283,589
Capital expenditure Rs.	6,56,175	6,55,911	6,61,654	7,42,652	7,45,004	7,49,690	7,91,074	8,09,538	8,09,638	
Dividend per cent., per annum	7-38		9-46	10-68	7-90	9-10	11-70	11-72	13-32	6-96

* Excluding troops, police and season tickets.

† Excluding railway material, coal and military and revenue stores.

The decrease in gross earnings continues to appear in both coaching and goods traffic.

2. Working expenses are very high. Under the new agreement between the Mysore Durbar and the Madras Railway Company, ten per cent. of gross earnings are added to the sum arrived at by taking the same rate of working expenses as prevails on the Madras Railway as a whole, and to this is added a charge of 5 per cent. for the use of rolling stock and the share of the Bowringpet joint station expenses. The effect of the new agreement is to increase the working expenses from Rs. 58,299, or 59-51 per cent. of gross earnings, to Rs. 69,752 or 71-20 per cent. of gross earnings.

3. Net earnings amount to Rs. 28,213 representing a dividend at the rate of nearly 7 per cent. per annum on the capital outlay. Under the old agreement net earnings would have been Rs. 39,666, which is equal to a dividend at the rate of 9-79 per cent. per annum. Up to date the Mysore Government and the Madras Railway Company have not agreed as to the shares of Bowringpet station expenses properly debitable to each of them.

TABLE A.

KOLAR GOLD FIELDS RAILWAY.

Details of Earnings.

Heads of Revenue Accounts.	1894.		1895.		1896.		1897.		1898.	
	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.
Passengers (excluding troops and police and season tickets) ..	Rs. 2,384	Rs. 15,461	Rs. 15,395	Rs. 18,601	Rs. 20,113	Rs. 22,047	Rs. 24,088	Rs. 24,907	Rs. 25,554	Rs. 19,208
Other items of coaching traffic ..	254	1,303	1,473	2,028	1,783	2,175	2,295	2,259	2,553	2,638
Merchandise—General ..	3,691	15,989	13,813	21,170	14,319	17,699	26,502	33,737	22,284	21,028
Other items of goods traffic ..	6,880	29,480	38,688	41,289	33,745	42,928	45,706	48,882	55,300	54,742
Electric telegraph and sundries ..	10	319	272	224	253	255	263	215	346	349
Total ..	13,219	62,552	69,641	83,312	70,213	85,104	98,854	1,10,000	1,06,037	97,955

Details of Working Expenses.

	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Maintenance ..	1,627	7,706	7,847	9,637	9,224	12,885	13,352	15,101	10,203	16,125
Locomotive ..	2,651	12,661	13,386	16,994	13,997	17,210	18,486	21,953	18,042	24,464
Carriage and wagon ..	1,043	4,457	3,953	4,810	4,139	4,979	5,188	6,450	4,334	5,386
Traffic ..	1,252	5,533	5,524	6,767	5,726	6,558	6,922	8,200	7,914	9,853
General charges ..	802	3,663	3,769	4,792	3,751	4,670	5,003	5,601	5,511	6,352
Special and miscellaneous ..	810	4,303	4,116	4,979	4,020	4,971	6,012	6,398	6,113	7,572
Total ..	8,185	38,313	38,595	47,979	40,857	51,173	54,963	63,613	52,117	69,752

ORDER—No. 371 Ry., dated 5th April 1899.

Ordered that four copies of the Capital and Revenue accounts of the Kolar Gold Fields Railway for the half-year ending the 31st December 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. 372 Ry., dated 5th April 1899.]

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent and Manager, Madras Railway.
" Examiner, Railway Accounts, Madras.
" Consulting Engineer for Railways.

Ed. T. K. Narayana Aiyangar.

No. ⁶_{371 Ry.}, 5TH APRIL 1899.

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. 371 Ry., dated 5th April 1899, embodying the Capital and Revenue Accounts of the Kolar Gold Fields Railway, for the half-year ending the 31st December 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.

(„) A. T. ARUNDEL.

(„) H. M. WINTERBOTHAM.

FORT ST. GEORGE,
5th April 1899.

RAILWAY.

Government {1899} of Madras.
PUBLIC WORKS.

Recd.

} 1899.

Enclosures

Regd.

Spare copies

G.O., Nos. 371, 372 Ry., 5th April 1899.

APRIL.

Capital and Revenue Accounts, Kolar Gold Fields Railway

Forwarding copy of Proceedings embodying copies of the — for the half-year ending the 31st December 1898, together with a brief note thereon by the Consulting Engineer for Railways, Madras.

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PUBLIC WORKS DEPARTMENT.

Railway.

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Statistics.	1894.		1895.		1896.		1897.		1898.	
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Train miles No.	3,292	17,822	16,270	16,204	15,856	17,090	17,942	19,324	18,646	19,324
Gross earnings Rs.	13,219	62,552	69,641	83,312	70,213	85,104	98,854	1,10,000	1,06,037	97,965
Working expenses "	8,185	38,313	38,595	47,979	40,857	51,173	54,963	63,613	52,117	69,752
Net earnings "	5,034	24,239	31,046	35,333	29,356	33,931	43,891	46,387	53,920	28,213
Percentage of expenses to receipts .. %	61.92	61.25	55.42	57.59	58.19	60.13	55.60	57.83	49.15	71.20
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Do. per mile per week "	306.28	240.58	267.85	320.43	270.05	327.32	380.21	423.08	407.83	376.79
* Passenger receipts, 1st class "	211	840	490	607	532	693	632	650	823	670
Do. do. 2nd "	101	631	990	1,108	1,111	1,067	1,116	1,299	1,323	1,238
Do. do. 3rd "	2,072	13,990	13,915	16,886	18,470	20,387	22,340	22,958	23,408	17,300
Total "	2,384	15,461	15,395	18,601	20,113	22,047	24,088	24,907	25,554	19,208
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Do. do. 2nd "	950	6,092	9,502	4,996	5,127	4,856	5,154	6,002	6,029	5,716
Do. do. 3rd "	34,686	238,816	238,700	217,035	241,796	269,520	297,360	303,562	309,455	231,672
Total "	36,694	249,069	250,628	223,321	248,117	275,752	304,054	311,092	317,460	238,980
† Tons lifted No.	4,099	17,142	15,034	23,610	15,424	18,797	28,533	37,042	23,462	35,148
† Ton miles "	32,489	138,278	127,334	187,499	133,935	148,878	232,394	308,330	197,542	283,589
Capital expenditure Rs.	6,56,175	6,55,911	6,61,654	7,42,652	7,45,004	7,49,690	7,91,074	8,09,538	8,09,538	
Dividend per cent., per annum "	7.88	9.46	10.68	7.90	9.10	11.70	11.72	13.32	6.96	

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

The decrease in gross earnings continues to appear in both coaching and goods traffic.

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Other items of coaching traffic ..	254	1,303	1,473	2,028	1,783	2,175	2,295	2,259	2,553	2,638
Merchandise—General ..	3,691	15,989	13,813	21,170	14,319	17,699	26,502	33,737	22,284	21,028
Other items of goods traffic ..	6,880	29,480	38,688	41,289	33,745	42,925	45,706	48,882	55,300	54,742
Electric telegraph and sundries ..	10	319	272	224	253	255	263	215	346	349
Total ..	13,219	62,552	69,641	83,312	70,213	85,104	98,854	1,10,000	1,06,037	97,965

Details of Working Expenses.

	1894.		1895.		1896.		1897.		1898.	
	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.
Maintenance ..	1,627	7,706	7,847	9,637	9,224	12,885	13,352	15,101	10,203	16,125
Locomotive ..	2,651	12,661	13,386	16,994	13,997	17,210	18,486	21,958	18,042	24,464
Carriage and wagon ..	1,043	4,457	3,953	4,810	4,139	4,979	5,158	6,450	4,334	5,386
Traffic ..	1,252	5,533	6,524	6,767	5,726	6,558	6,922	8,200	7,914	9,853
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Special and miscellaneous ..	810	4,303	4,116	4,979	4,020	4,971	6,012	6,398	6,113	7,572
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[Here enter No. 372 Ry., dated 5th April 1899.]

(True Extract.)

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Joint Secretary.

To the Agent and Manager, Madras Railway.
" Examiner, Railway Accounts, Madras.
" Consulting Engineer for Railways.

ENDORSEMENT—No. 372 Ry., dated 5th April 1899.

Forwarded.

(By order.)

FRANCIS J. E. SPRING,
Joint Secretary.

Exd. T. K. Narayana Aiyangar.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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

No. ⁶₃₇₁ Rx., dated ^{April} 5th March 1899.

FORWARDING copy of Proceedings embodying the Capital and Revenue Accounts
of the Kolar Gold Fields Railway for the half-year ended the 31st December 1898,
with a brief note thereon by the Consulting Engineer for Railways.

ending

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

371/2.
DESPATCH

FOR SIGNATURE

OF

HIS EXCELLENCY THE GOVERNOR J.R.H.

AND
5.4.99

MEMBERS OF GOVERNMENT.

(With Original).

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

No. ⁶371/Ry. dated 5th April March 1899.

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No. 37/ Ry., 5th MARCH 1899.

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PUBLIC WORKS DEPARTMENT.

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No. 371 Ry., 5th April 1899.

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Locomotive ..	2,651	12,661	13,386	16,994	13,997	17,210	18,486	21,953	18,042	24,464
Carriage and wagon ..	1,043	4,457	3,953	4,810	4,139	4,979	5,188	6,450	4,334	5,886
Traffic ..	1,252	5,533	5,524	6,767	5,726	6,558	6,922	8,200	7,914	9,853
General charges ..	802	3,553	3,769	4,792	3,751	4,570	5,003	5,601	5,511	6,352
Special and miscellaneous ..	810	4,303	4,116	4,979	4,020	4,971	6,012	6,398	6,113	7,572
Total ..	8,185	38,313	38,595	47,979	40,857	51,173	54,963	63,613	52,117	69,752

ORDER—No. 371 Ry., dated 5th April 1899.

Ordered that four copies of the Capital and Revenue accounts of the Kolar Gold Fields Railway for the half-year ended 31st December 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. 372 Ry., dated 5th April 1899.]
(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent and Manager, Madras Railway.
" Examiner, Railway Accounts, Madras.
" Consulting Engineer for Railways.

ENDORSEMENT—No. 372 Ry., dated 5th April 1899.

Forwarded.
(By order.)

Joint Secretary.

Exl. T. K. Narayana Aiyangar.

RAILWAY.

Capital and Revenue Accounts, Kolar Gold Fields Railway

Forwarding copy of Proceedings embodying copies of the — for the half-year ended 31st December 1898, together with a brief note thereon by the Consulting Engineer for Railways, Madras.

April
No. 37/Ry., 5th MARCH 1899.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONOURABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

April We have the honour to forward, herewith, a copy of our Proceedings, No. 371. Ry., dated 5th March 1899, embodying the Capital and Revenue Accounts of the Kolar Gold Fields Railway, for the half-year ended the 31st December 1898, together with a brief note thereon by the Consulting Engineer for Railways. *ending*

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

5 694/98.
FORT ST. GEORGE,
March 1899.

RAILWAY.

Government {1898} of Madras.
PUBLIC WORKS.

Recd.

1898.

Enclosures

Regd.

Spare copies

March
G.O., Nos. 1246, 1247 Ry., 11th October 1898. 9

March
OCTOBER.

Capital and Revenue Accounts, Kolar Gold Fields 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.

3/12/98

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

Capital and Revenue Accounts of the Kolar Gold Fields Railway for the half-year ending 30th June 1898. 31st December 18Brief Note on the Capital and Revenue Accounts of the Kolar Gold Fields Railway for the half-year ended 30th June 1898. 31st December

The following table shows the principal features of the working of the 10-mile line since it was opened on the 1st June 1894:—

Statistics.	1894.		1895.		1896.		1897.		1898.	
	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.
Mean mileage worked .. Miles.	1-66	10-00	10-00	10-00	10-00	10-00	10-00	10-00	10-00	10-00
Train miles .. No.	3,292	17,822	16,270	16,204	15,856	17,090	17,942	19,324	18,646	19,741
Gross earnings .. Rs.	13,219	62,552	69,641	83,312	70,218	85,104	98,854	1,10,000	1,06,037	97,965
Working expenses .. "	8,185	38,313	38,595	47,979	40,857	51,173	54,963	63,613	52,117	49,752
Net earnings .. "	5,034	24,239	31,046	35,333	29,361	33,931	43,891	46,387	53,920	48,213
Percentage of expenses to receipts %	61-92	61-25	55-42	57-59	58-19	60-13	55-60	57-83	49-15	51-20
Gross earnings per train mile Rs.	4-015	3-510	4-280	5-141	4-428	4-980	5-510	5-697	5-687	5-517
Do. per mile per week ..	306-28	240-58	267-85	320-43	270-05	327-32	380-21	423-08	407-83	376-79
* Passenger receipts, 1st class ..	211	840	490	607	532	593	632	650	823	670
Do. do. 2nd ..	101	631	990	1,108	1,111	1,067	1,116	1,299	1,323	1,258
Do. do. 3rd ..	2,072	13,990	13,915	16,886	18,470	20,387	22,340	22,958	23,408	17,300
Total ..	2,384	15,461	15,395	18,601	20,113	22,047	24,088	24,907	25,554	19,208
† Goods receipts ..	3,691	15,989	13,813	21,176	14,319	17,699	26,502	33,737	22,284	21,028
* No. of passengers, 1st class ..	1,058	4,161	2,426	1,290	1,194	1,376	1,500	1,528	1,976	1,592
Do. do. 2nd ..	950	6,092	9,502	4,996	5,127	4,856	5,194	6,002	6,029	5,716
Do. do. 3rd ..	34,686	238,816	238,700	217,035	241,796	269,520	297,360	303,562	309,455	231,672
Total ..	36,694	249,069	250,628	223,321	248,117	275,752	304,054	311,092	317,460	238,580
† Tons lifted ..	4,099	17,142	15,034	23,610	15,424	18,797	28,533	37,042	23,462	35,148
† Ton miles ..	32,489	138,278	127,334	187,499	133,935	148,878	232,394	308,330	197,542	283,589
Capital expenditure .. Rs.	6,56,175	6,55,911	6,61,654	7,42,652	7,45,004	7,49,690	7,91,074	8,09,538	8,09,538	8,09,538
Dividend per cent., per annum ..	7-38	9-46	10-68	7-90	9-10	11-70	11-72	13-82	13-82	8-76

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

Gross earnings have not continued to increase as they have been doing during the last two years. This could hardly be expected and the drop from last half-year is small.

Working expenses are low being under 50 per cent. of gross earnings. This is due to the low rate of working expenses on the Madras Railway as a whole for the half-year.

Net earnings amount to Rs. 53,920, representing a dividend at the rate of over 13 per cent. per annum on the Capital cost.

OOTACAMUND,
28th September 1898.FRANCIS J. E. SPRING,
Consulting Engineer for Railways.

Brief Note on the Capital and Revenue Accounts of the Kolar Gold Fields Railway for the half year ended the 31st December 1898.

The following table shows the principal features of the working of the 10-mile line since it was opened on the 1st June 1894.

A

The decrease in gross earnings has not been as much as in the 2nd half of 1897. The decrease compared with the previous half year, is not so great as in the 2nd half of 1897. The decrease in gross earnings has not been as much as in the 2nd half of 1897. The decrease compared with the previous half year, is not so great as in the 2nd half of 1897.

The decrease in gross earnings

continues to appear in both Coaching and goods traffic.

Under the new agreement between the Government and the M. A. S. Co. 10 per cent of gross earnings are added to the rate of working expenses on the Madras Railway as a whole, and to this is added a charge of 5 per cent for the use of the Rolling stock and the share of the interest on the capital cost of the Bowringpet joint station. The effect of the new agreement is therefore to increase

Consequently the percentage of expenses to receipts has risen from 49.15 to 71.20.

3. Net Earnings amount to Rs 28,213 representing a dividend at the rate of nearly 7 percent per annum on the Capital outlay and was very low compared with the previous half year.

the working expenses from Rs 58,299 on 59.51 per cent of gross earnings, to Rs 69,752 on 71.20 per cent of gross earnings under the old agreement

Under the old agreement net earnings would have been Rs 39,666 which is equal to a dividend at the rate of

9.79 per cent per annum.

Up to date the Mysore Govt. have not agreed to accept the share of Bowringpet Station expenses, properly debited to each of them.

JH
23.2.99

No. 1246 Ry., 14th October 1898.

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TABLE A.
KOLAR GOLD FIELDS RAILWAY.
Details of Earnings.

Heads of Revenue Accounts.	1894.		1895.		1896.		1897.		1898.	
	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.	First half.	Second half.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Rs
Passengers (excluding troops and police and season tickets) ..	2,384	15,461	15,395	18,601	20,113	22,047	24,088	24,907	25,554	19,208
Other items of coaching traffic ..	254	1,303	1,473	2,028	1,783	2,175	2,295	2,259	2,553	2,638
Merchandise—General ..	3,691	15,989	13,813	21,170	14,319	17,699	26,502	33,787	22,284	21,028
Other items of goods traffic ..	6,880	29,480	38,688	41,289	33,745	42,928	45,706	48,882	55,300	64,742
Electric telegraph and sundries ..	10	319	272	224	253	255	263	215	346	349
Total ..	13,219	62,552	69,641	83,312	70,213	85,104	98,854	1,10,000	1,06,037	97,965

Details of Working Expenses.

	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	Rs
Maintenance ..	1,627	7,706	7,847	9,637	9,224	12,885	13,852	15,101	10,203	16,125
Locomotive ..	2,651	12,661	13,386	16,694	13,997	17,210	18,486	21,953	18,042	24,464
Carriage and wagon ..	1,043	4,457	3,953	4,810	4,139	4,979	5,188	6,450	4,334	5,386
Traffic ..	1,252	5,533	5,524	6,767	5,726	6,558	6,922	8,200	7,914	9,853
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(True Extract.)

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Exd. T. K. Narayana Aiyanger.

