# Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 550. Dy
A

DATED 8th April 1898

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[Despatch Abstract.]

Opening of Certain telegraph offices on the B.N.Ry

Ordered that a notification be published in the Fort St. George Gazette intimating that about the — in the Kistna Dist on the 15th March 98

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[P. W. M. 50—24-3-98.]

Indexed. 22/4/98.

BACK PAPERS.

| No. | Date. |
|---|---|

FURTHER PAPERS.

| No. | Date. |
|---|---|

No. A/1745

In your reply please quote the number and date of this letter.

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY,

To

THE Joint Secretary to the Government of Madras.

Madras.

*Dated Madras, the* 19th March 1898

THE following is forwarded ~~for information~~ for insertion in the Fo
Saint George Gazette.

Ed. J. Stone

*Engineer-in-Chie*

*Bezwada-Madras Railway.*

19
19/3

Copy of a letter No. A/1742, dated 19th March. 1898.

From
The Engineer-in-Chief.
Bezwada Madras Railway

To
The Divisional Superintendent
Govt: Telegraphs.
Vizagapatam.

With reference to my Executive Engineer, Paratla Division telegram No.R.1185 of 11th instant I have the honor to intimate that

that the marginally noted 5 Telegraph offices, in the Kistna District, were opened for public messages from the morning of the 15th instant.

| |
|---|
| Kristna Canal Junction |
| Duggirala. |
| Tenali. |
| Ponnur. |
| Bapatla. |

---

J.S.

# Public Works (1898) Department.

Railway

**CURRENT No.** 409

3 currents

***From*** The Engr. in. chief
Bezwada-Madras Railway

***Order***

No. A/1780.

***Dated*** 21st March 1898.

***Received*** } 22. 3. 98
***Registered*** }

***Enclosures***

***Spare copies***

SUBJECT.

Telegraph Offices

Forwarding for information a copy of his letter to the Divisional Superintendent Gaste — Telegraphs Vizag-apatam intimating that "Tsunder" a — in the Kistna Division has also been opened for public messages.

BACK PAPERS.

| No. | Date. |
|---|---|
| | |

FURTHER PAPERS.

| No. | Date. |
|---|---|
| | |

No. A/1780

RECD 22 MAR 1898 MADRAS

In your reply please quote the number and date of this letter.

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY,

To

THE Joint Secretary to the Govt: of Madras

P.W.D. Railway Branch

MADRAS

*Dated Madras, the* 21st March 1898.

THE following is forwarded for information in continuation of this office No.A.1745 of 19th instant.

for *Engineer-in-Chief,*
*Bezwada-Madras Railway.*

Copy of a letter No. A/1777, dated 21st March 1898.

From

The Engineer-in-Chief.

Bezwada Madras Railway

To

The Divisional Superintendent

Govt: Telegraphs.

Vizagapatam.

In continuation of this office letter No.A-1742/125 of 19th instant, I have the honor to intimate that "Tsunder" a telegraph office in the [illegible] Division has also been opened for public messages.

Form No. 10.

Railway Department.

Office of the Consulting Engineer for Railways,

*Madras,* 25th March 1898

To

The Superintendent
B.B. & C.I. Ry

No. 877 Reply No. A/1523/125, dated 29/3/98

Sir,

With reference to
your letters Nos. A/1745 & A/1781
of 15th & 21st March 1898 & the
address of R. Shane
the honour to request that
You will be so good as to
refer me to the order
under which the opening
of certain Railway Telegraph
Offices for public message
Shanks
correspondence be published
in the Bombay Gazette Secretariat.

WJ 24/3/98

*Reminders.*

Despatched on 25/3/98

DR 24.3.98

In your reply please quote the number and date of this letter.

No. 4/1923
125

CONSULTING ENGINEER RECEIVED 30 MAR 1898 MADRAS.

1568 30.3.98

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY,

To

THE Consulting Engineer for Railways

MADRAS.

*Dated Madras, the* 29th March. 1898.

*Sir,*

Dy M

With reference to your letter No.877 of 25th instant, I have the honor to state that para 18 chapter IV part 1 of code for licensed telegraphic offices shows that the licensed telegraph administrations will notify to the public the names of those offices which are empowered to receive and send public messages. It is under this rule that I asked the opening of the telegraph offices to be published in the Fort St. George Gazette for information of the public.

Insert the notice in Gazette
JWD 31/3/98

I have the honor to be
Sir
Your most obedient servant.

Ampl
29/3

for Engineer-in-Chief.

*Enclosures.*

Form No. (2,)

No. 550 Rly 8th April 1898
A

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Memorandum from the Engineer-in-Ch. B'ds Ry } H.E. No A/1745 dy 19th March 1898

D^o D^o A/1780 dy 21st do

Letter from the Consy: Engr. to the Engr-in-Ch. B'ds Ry } 877 dy 25th do

Letter from the Engr-in-Ch: B. & N. Ry to the Consy: Engr } A/1923/125 dy 29th do

The following notification may be published in the Fort St. George Gazette.

(Here enter notification attached)

To

The Consy: Engr. for Rys.

Engr-in-Ch. B'ds Ry

20/4/98

P. W. D. Ry: Branch
Madras 8th April 1898.

No. 7

Notification

Telegraph offices at the undermentioned stations of the Bezwada-Madras Ry in the Kistna District have been empowered to receive and send public messages.—

Kistna Canal Junction
Duggirala
Tenali
Ponnur
Bapatla
Tsunder.

4/2/98

R

To
The Superintendent Govt Press
for publication in Part I
of the Fort St George Gazette.

8/4/98

Form No. (2).

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Memorandum from the Engineer-in-Chief, Bezwada-Madras Railway, N° A/1745, dated 19th March 1898.

The following is forwarded for insertion in the Fort Saint George Gazette.

Copy of a letter from the Engineer-in-Chief, Bezwada Madras Railway to the Divisional Superintendent Government Telegraphs, Vizagapatam, N° A/1742, dated 19th March 1898.

With reference to my Executive Engineer, Bapatla Division telegram N° R 1135 of 15th instant, I have the honour to intimate that the

Kistna Canal Junction
Duggirala
Tenali
Ponnur
Bapatla

marginally noted 5 Telegraph offices, in the Kistna District, were opened for public messages from the morning of the 15th instant.

---

Memorandum from the Engineer-in-Chief, Bezwada Madras Railway, N° A/1750, dated 21st March 1898.

The following is forwarded for information in continuation of this office N° A/1745 of 19th instant.

---

Copy of a letter from the Engineer-in-Chief, B. M. Ry. to the Divisional Superintendent Govt. Telegraphs, Vizagapatam, N° A/1777 8/21st March '98.

In continuation of this office letter N° A 1742/125 of 19th instant, I have the honour to intimate that "Tsunder" a telegraph office in the Kistna Division has also been opened for public messages.

---

Letter from the Consulting Engineer for Rys., to the Engineer-in-Chief, Bezwada Madras Railway, N° 877, dated 25th March 1898.

With reference to your letters N°s A/1745 and A/1750, dated 19th and 21st March 1898, to the address of the Joint-Secretary to Government, Public Works Department, Railway Branch, I have the honour to request that you will be so good as to refer me to the orders under which

which the opening of certain Railway Telegraph offices for public messages should be published in the Fort Saint George Gazette.

---

Letter from the Engineer-in-Chief, Bezwada-Madras Railway, to the Consulting Engineer for Railways, N° A/$\frac{1923}{125}$, dated 29th March 1898.

"With reference to your letter N° 877 of 25th instant, I have the honour to state that para 13 chapter IX part I of code for licensed telegraph offices shows that the licensed telegraph administrations will notify to the public the names of those offices which are empowered to receive and send public messages. It is under this rule that I asked the opening of the telegraph offices to be published in the Fort Saint George Gazette for information of the public.

---

Order thereon :- N° $\frac{\text{---}}{\text{A}}$ Rp. dated 8th April 1898.

The following notification will be published in the Fort Saint George Gazette:-

Notification

Telegraph offices at the undermentioned stations of the Bezwada-Madras Railway in the Kistna District have been empowered to receive and send public messages.

Kistna Canal Junction.
Duggirala
Tenali
Ponnur
Bapatla
Tsunder.

/True Extract/

for Joint Secretary to Govt.

To.

The Consulting Engineer for Rys.
Engineer-in-Chief, B. M. Ry.

Form No. (2).

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

---

READ the following

Memorandum from the Engineer-in-Chief, Bezwada-Madras Railway, N° A/1745, dated 19th March 1898.

"The following is forwarded for insertion in the Fort Saint George Gazette.

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Copy of a letter from the Engineer-in-Chief, Bezwada Madras Railway to the Divisional Superintendent Government Telegraphs, Vizagapatam, N° A/1742, dated 19th March 1898.

With reference to my Executive Engineer, Bapatla Division telegram N° R 1135 of 15th instant, I have the honour to intimate that the marginally noted 5 Telegraph offices, in the Kistna District, were opened for public messages from the morning of the 15th instant.

Kistna Canal Junction
Duggirala
Tenali
Ponnur
Bapatla

---

Memorandum from the Engineer-in-Chief, Bezwada Madras Railway, N° A/1750, dated 21st March 1898.

"The following is forwarded for information in continuation of this office N° A 1745 of 19th instant.

---

Copy of a letter from the Engineer-in-Chief, B. M. Ry. to the Divisional Superintendent Govt. Telegraphs, Vizagapatam, N° A/1777 of 21st March

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Letter from the Consulting Engineer for Rys. to the Engineer-in-Chief, Bezwada Madras Railway, N° 877, dated 25th March 1898.

"With reference to your letters N°s A/1745 and A/1750, dated 19th and 21st March 1898, to the address of the Joint Secretary to Government, Public Works Department, Railway Branch, I have the honour to request that you will be so good as to refer me to the orders under which

which the opening of certain Railway Telegraph offices for public messages should be published in the Fort Saint George Gazette.

---

Letter from the Engineer-in-Chief, Bezwada-Madras Railway, to the Consulting Engineer for Railways, No A/$\frac{1923}{125}$, dated 29th March 1898.

With reference to your letter No 877 of 25 instant, I have the honour to state that para 18 chapter III part I of Code for licensed telegraph offices shows that the licensed telegraph administrations will notify to the public the names of those offices which are empowered to receive and send public messages. It is under this rule that I asked the opening of the telegraph offices to be published in the Fort Saint George Gazette for information of the public.

---

Order thereon:- No $\frac{\text{---}}{\text{A}}$ Rly. dated 8th April 1898.

The following notification will be published in the Fort Saint George Gazette:-

Notification

Telegraph offices at the undermentioned stations of the Bezwada-Madras Railway in the Kistna District have been empowered to receive and send public messages.

Kristna Canal Junction.
Duggirala
Tenali
Bonnur
Bapatla
Tsunder.

/True Extract/

for Joint Secretary to Govt.

To.
The Consulting Engineer for Rys
" Engineer-in-Chief, B. & M. Rys

# Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 549-50 Ry

DATED 8th April 1898.

90/4/30/50 Pocket at back

[Despatch Abstract.]

Capital and Revenue Accounts, Madras Railway.

Forwarding Copy of Proceedings embodying the ——— for the half year ended the 31st December 1897, with a brief note thereon by the Chief Engr. for Rys., Madras.

Indexed 2/5/98.

BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

329R

PUBLIC WORKS DEPARTMENT.

MADRAS.

DESPATCH

'ARTMENT.

FOR SIGNATURE

OF

HIS EXCELLENCY THE GOVERNOR

AND

MEMBERS OF GOVERNMENT,

the Secretary of State

*(With Original).*

April 1898.

FORWARDING Proceedings embodying the Capital and Revenue Accounts of the Madras-Ennur Section of the Bezwada-Madras Railway for the half-year ended the 31st December 1897, together with a brief note thereon by the Consulting Engineer for Railways.

BAC

| G.O. | No. | Department. | Date. |
|---|---|---|---|
| | | | |

FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

# GOVERNMENT OF MADRAS.

*PUBLIC WORKS DEPARTMENT.*

(Copy.)

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

No. 6 / 579 Ry., dated 8th April 1898.

FORWARDING Proceedings embodying the Capital and Revenue Accounts of the Madras-Ennur Section of the Bezwada-Madras Railway for the half-year ended the 31st December 1897, together with a brief note thereon by the Consulting Engineer for Railways.

RAILWAY.

# Government {1898} of Madras.

## PUBLIC WORKS.

| | | |
|---|---|---|
| *Recd.* | 1898. | *Enclosures* |
| *Regd.* | | *Spare copies* |

**G.O., No. Ry., April 1898.**

APRIL.

**Capital and Revenue Accounts, Madras-Ennur Railway**

Ordered that copies of the — for the half-year ended the 31st December 1897, together with a brief note thereon by the Consulting Engineer for Railways, Madras, be forwarded to the Government of India and the Secretary of state.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Railway.**

Read the following paper :—

Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 31st December 1897.

*Brief note on the Capital and Revenue Accounts of the Madras-Ennur Railway, for the half-year ended 31st December 1897.*

This short section of the East Coast Railway will so soon, probably at the end of one more half year, become absorbed in the larger system of which it forms but an insignificant part, that it seems scarcely worth while to review its accounts. The chief lesson that seems to be derivable from them is that, in spite of the very unfavourable condition under which this branch is worked, viz., the shortness of its length 8·45 miles, its cost Rs. 70,000 per mile, and its gauge 5′ 6″, it yet has managed in only the second year of its existence to pay a dividend of just about 4½ per cent.

The following table gives the principal figures for its working since first it was opened on the 22nd February 1896 :—

| Statistics. | | 1896. | | 1897. | |
|---|---|---|---|---|---|
| | | First half. | Second half. | First half. | Second half. |
| Mean milage worked | Miles. | 6 | 8·45 | 8·45 | 8·45 |
| Train miles | No. | 16,223 | 14,758 | 14,644 | 14,657 |
| Gross earnings | Rs. | 24,670 | 36,660 | 34,583 | 29,291 |
| Working expenses | ,, | 21,179 | 29,955 | 19,906 | 20,460 |
| Net earnings | ,, | 3,491 | 6,705 | 14,677 | 8,831 |
| Percentage of expenses to receipts | % | 85·85 | 81·71 | 57·56 | 69·85 |
| Gross earnings per train mile | Rs. | 1·521 | 2·484 | 2·361 | 1·998 |
| Do. per mile per week. | ,, | 158·14 | 166·86 | 157·41 | 133·32 |
| * Passenger receipts, 1st class | ,, | 819 | 306 | 330 | 190 |
| Do. 2nd ,, | ,, | 695 | 499 | 431 | 294 |
| Do. 3rd ,, | ,, | 18,386 | 18,153 | 22,647 | 15,377 |
| Total | ,, | 19,400 | 18,958 | 23,408 | 15,861 |
| † Goods receipts | ,, | 4,421 | 14,819 | 9,282 | 11,606 |
| * Number of passengers, 1st class | No. | 582 | 554 | 595 | 339 |
| Do. 2nd ,, | ,, | 2,854 | 2,002 | 1,730 | 1,195 |
| Do. 3rd ,, | ,, | 319,804 | 284,394 | 384,012 | 247,609 |
| Total | ,, | 323,240 | 286,950 | 386,337 | 249,143 |
| † Tons lifted | No. | 7,912 | 22,542 | 20,499 | 22,983 |
| † Ton miles | ,, | 71,086 | 202,882 | 184,530 | 206,851 |
| Capital expenditure | Rs. | 5,74,443 | 5,78,560 | 5,82,541 | 5,92,617 |
| Dividend per cent. per annum | ,, | 1·70 | 2·32 | 5·04 | 3·98 |

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

The percentage of working expenses to gross earnings is very high, because the Madras Railway Company find it expensive to maintain the road on so short a section, and under their agreement for working it they are entitled to charge actuals for upkeep. There is no appreciable improvement either of goods earnings or in passengers carried. Much of the considerable tonnage of goods lifted, indeed quite a large proportion of it, is material for the East Coast Railway carried at a very low figure.

MADRAS,
30th March 1898.

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



TABLE A.

Madras-Ennur Railway.

*Details of Earnings.*

| Heads of Revenue Accounts. | 1896. First half. | 1896. Second half. | 1897. First half. | 1897. Second half. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Passengers (excluding troops and Police and Season ticket) .. | 19,400 | 18,958 | 23,408 | 15,861 |
| Other items of Coaching traffic .. .. .. .. | 537 | 1,261 | 1,320 | 1,102 |
| Merchandise—General .. .. .. .. | 4,421 | 14,819 | 9,282 | 11,606 |
| Other items of Goods traffic .. .. .. .. | 205 | 1,423 | 408 | 609 |
| Electric telegraph and sundries .. .. .. .. | 107 | 199 | 165 | 113 |
| Total .. | 24,670 | 36,660 | 34,583 | 29,291 |

*Details of working expenses.*

| | | | | |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Maintenance .. .. .. .. .. .. | 10,052 | 13,558 | 6,162 | 7,927 |
| Locomotive .. .. .. .. .. .. | 4,745 | 7,135 | 6,217 | 5,581 |
| Carriage and waggon .. .. .. .. .. | 1,403 | 2,076 | 1,733 | 1,611 |
| Traffic .. .. .. .. .. .. | 2,012 | 2,824 | 2,421 | 2,176 |
| General charges .. .. .. .. .. | 1,545 | 2,221 | 1,270 | 1,486 |
| Special and miscellaneous .. .. .. .. .. | 1,412 | 2,141 | 2,103 | 1,679 |
| Total .. | 21,179 | 29,955 | 19,906 | 20,460 |

ORDER—No. Ry., dated April 1898.

Ordered that four copies of the Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 31st December 1897, 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. Ry., dated April 1898.]

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

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

Exd. Shaik Karim.

No. ——/Ry., April 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. Ry., dated the April 1898, embodying the Capital and Revenue Accounts of the Madras-Ennur Section of the Bezwada-Madras Railway for the half-year ended the 31st December 1897, together with a brief note thereon by the Consulting Engineer for Railways to this Government.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

Fort St. George,

Exd. T. K. Narayana Aiyangar.

GOVERNMENT OF MADRAS.

*PUBLIC WORKS DEPARTMENT.*

(Copy.)

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

No. $\frac{6}{549 \text{ Ky.}}$ dated 8th April 1898.

FORWARDING Proceedings embodying the Capital and Revenue Accounts of the Madras-Ennur Section of the Bezwada-Madras Railway for the half-year ended the 31st December 1897, together with a brief note thereon.

No. $\frac{6}{549\ \text{Ry.}}$, 8th April 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. 549 Ry., dated the 8th April 1898, embodying the Capital and Revenue Accounts of the Madras-Ennur Section of the Bezwada-Madras Railway for the half-year ended the 31st December 1897, together with a brief note thereon by the Consulting Engineer for Railways to this Government.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.
( „ ) H. W. BLISS.
( „ ) J. GROSE.

Fort St. George,
8th April 1898.

Ed. T. K. Narayana Aiyangar.

RAILWAY.

# Government {1898} of Madras.

## PUBLIC WORKS.

| | | |
|---|---|---|
| *Recd.* | 1898. | *Enclosures* |
| *Regd.* | | *Spare copies* |

**G.O., Nos. 549, 550 Ry., 8th April 1898.**

**APRIL.**

**Capital and Revenue Accounts, Madras-Ennur Railway**

Forwarding copy of Proceedings embodying copies of the — for the half-year ended 31st December 1897, together with brief note thereon by the Consulting Engineer for Railways, Madras.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Railway.**

Read the following paper :—

Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 31st December 1897.

*Brief note on the Capital and Revenue Accounts of the Madras-Ennur Railway, for the half-year ended 31st December 1897.*

This short section of the East Coast Railway will so soon, probably at the end of one more half year, become absorbed in the larger system of which it forms but an insignificant part, that it seems scarcely worth while to review its accounts. The chief lesson that seems to be derivable from them is that, in spite of the very unfavourable conditions under which this branch is worked, viz., the shortness of its length, 8·45 miles, its cost, Rs. 70,000 per mile, and its gauge, 5′ 6″, it yet has managed in only the second year of its existence to pay a dividend of just about 4½ per cent.

The following table gives the principal figures for its working since first it was opened on the 22nd February 1896 :—

| Statistics. | | 1896. | | 1897. | |
|---|---|---|---|---|---|
| | | First half. | Second half. | First half. | Second half. |
| Mean milage worked .. .. | Miles. | 6 | 8·45 | 8·45 | 8·45 |
| Train miles .. .. .. | No. | 16,223 | 14,758 | 14,644 | 14,657 |
| Gross earnings .. .. .. | Rs. | 24,670 | 36,660 | 34,583 | 29,291 |
| Working expenses .. .. | ,, | 21,179 | 29,955 | 19,906 | 20,460 |
| Net earnings .. .. .. | ,, | 3,491 | 6,705 | 14,677 | 8,831 |
| Percentage of expenses to receipts .. | ,, | 85·85 | 81·71 | 57·56 | 69·85 |
| Gross earnings per train mile .. | Rs. | 1·521 | 2·484 | 2·361 | 1·998 |
| Do. per mile per week. .. | ,, | 158·14 | 166·86 | 157·41 | 133·32 |
| * Passenger receipts, 1st class .. | ,, | 319 | 306 | 330 | 190 |
| Do. 2nd ,, .. | ,, | 695 | 499 | 431 | 294 |
| Do. 3rd ,, .. | ,, | 18,386 | 18,153 | 22,647 | 15,377 |
| Total .. | ,, | 19,400 | 18,958 | 23,408 | 15,861 |
| † Goods receipts .. .. .. | ,, | 4,421 | 14,819 | 9,282 | 11,606 |
| * Number of passengers, 1st class .. | No. | 582 | 554 | 595 | 339 |
| Do. 2nd ,, .. | ,, | 2,854 | 2,002 | 1,730 | 1,195 |
| Do. 3rd ,, .. | ,, | 319,804 | 284,394 | 384,012 | 247,609 |
| Total .. | ,, | 323,240 | 286,950 | 386,337 | 249,143 |
| † Tons lifted .. .. .. | No. | 7,912 | 22,542 | 20,499 | 22,983 |
| † Ton miles .. .. .. | ,, | 71,086 | 202,832 | 184,530 | 206,851 |
| Capital expenditure .. | Rs. | 5,74,443 | 5,78,560 | 5,82,541 | 5,92,617 |
| Dividend per cent. per annum .. | ,, | 1·70 | 2·32 | 5·04 | 3·98 |

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

The percentage of working expenses to gross earnings is very high, because the Madras Railway Company find it expensive to maintain the road on so short a section, and under their agreement for working it they are entitled to charge actuals for upkeep. There is no appreciable improvement either in goods earnings or in passengers carried. Much of the considerable tonnage of goods lifted, indeed quite a large proportion of it, is material for the East Coast Railway carried at a very low figure.

Madras,
30th March 1898.

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



Table A.

Madras-Ennur Railway.

*Details of Earnings.*

| Heads of Revenue Accounts. | 1896. First half. | 1896. Second half. | 1897. First half. | 1897. Second half. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Passengers (excluding troops and Police and Season ticket) .. | 19,400 | 18,958 | 23,408 | 15,861 |
| Other items of Coaching traffic .. .. .. .. | 577 | 1,261 | 1,320 | 1,102 |
| Merchandise—General .. .. .. .. | 4,421 | 14,819 | 9,282 | 11,606 |
| Other items of Goods traffic .. .. .. .. | 205 | 1,423 | 408 | 609 |
| Electric telegraph and sundries .. .. .. .. | 107 | 199 | 165 | 113 |
| Total .. | 24,670 | 36,660 | 34,583 | 29,291 |

*Details of working expenses.*

| | | | | |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| Maintenance .. .. .. .. .. .. | 10,062 | 13,558 | 6,162 | 7,927 |
| Locomotive .. .. .. .. .. .. | 4,745 | 7,135 | 6,217 | 5,581 |
| Carriage and waggon .. .. .. .. | 1,403 | 2,076 | 1,733 | 1,611 |
| Traffic .. .. .. .. .. .. .. | 2,012 | 2,824 | 2,421 | 2,176 |
| General charges .. .. .. .. .. | 1,545 | 2,221 | 1,270 | 1,486 |
| Special and miscellaneous .. .. .. .. .. | 1,412 | 2,141 | 2,103 | 1,679 |
| Total .. | 21,179 | 29,955 | 19,906 | 20,460 |

Order—No. 549 Ry., dated 8th April 1898.

Ordered that four copies of the Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 31st December 1897, 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. 550 Ry., dated 8th April 1898.]

(True Extract.)

Francis J. E. Spring,
Joint Secretary.

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

Endorsement—No. 550 Ry., dated 8th April 1898.

Forwarded.

(By order.)

Francis J. E. Spring,
Joint Secretary.

Exd. Shaik Karim.

GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

### Railway.

Read the following paper :—

Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 31st December 1897.

*Brief note on the Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 31st December 1897.*

This short section of the East Coast Railway will so soon, probably at the end of one more half year, become absorbed in the larger system of which it forms but an insignificant part, that it seems scarcely worth while to review its accounts. The chief lesson that seems to be derivable from them is that in spite of the very unfavourable condition under which this branch is worked, viz., the shortness of its length 8·45 miles, its cost Rs. 70,000 per mile, and its gauge 5′ 6″, it yet has managed in only the second year of its existence to pay a dividend of just about 4½ per cent.

The following table gives the principal figures for its working since first it was opened on the 22nd February 1896 :—

*Madras-Ennur section of the Bezwada-Madras Railway.*

Opened 22nd February 1896.

| Statistics. | | 1896. | | 1897. | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | First half. | Second half. | First half. | Second half. | | | | |
| Mean milage worked | Miles. | 6 | 8·45 | 8·45 | 8·45 | .. | .. | .. | .. |
| Train miles | No. | 16,223 | 14,758 | 14,644 | 14,657 | .. | .. | .. | .. |
| Gross earnings | Rs. | 24,670 | 36,660 | 34,583 | 29,291 | .. | .. | .. | .. |
| Working expenses | ,, | 21,179 | 29,955 | 19,906 | 20,460 | .. | .. | .. | .. |
| Net earnings | ,, | 3,491 | 6,705 | 14,677 | 8,831 | .. | .. | .. | .. |
| Percentage of expenses to receipts | % | 85·85 | 81·71 | 57·56 | 69·85 | .. | .. | .. | .. |
| Gross earnings per train mile | Rs. | 1·521 | 2·484 | 2·361 | 1·998 | .. | .. | .. | .. |
| Do. per mile per week. | ,, | 158·14 | 166·861 | 157·41 | 133·32 | .. | .. | .. | .. |
| * Passenger receipts, 1st class | ,, | 319 | 306 | 330 | 190 | .. | .. | .. | .. |
| Do. 2nd ,, | ,, | 695 | 499 | 431 | 294 | .. | .. | .. | .. |
| Do. 3rd ,, | ,, | 18,386 | 18,153 | 22,647 | 15,377 | .. | .. | .. | .. |
| Total | ,, | 19,400 | 18,958 | 23,408 | 15,861 | .. | .. | .. | .. |
| † Goods receipts | Rs. | 4,421 | 14,819 | 9,282 | 11,606 | .. | .. | .. | .. |
| * Number of passengers, 1st class | No. | 582 | 554 | 595 | 339 | .. | .. | .. | .. |
| Do. 2nd ,, | ,, | 2,854 | 2,002 | 1,730 | 1,195 | .. | .. | .. | .. |
| Do. 3rd ,, | ,, | 319,804 | 284,394 | 384,012 | 247,609 | .. | .. | .. | .. |
| Total | ,, | 323,240 | 286,950 | 386,337 | 249,143 | .. | .. | .. | .. |
| † Tons lifted | No. | 7,912 | 22,542 | 20,499 | 22,983 | .. | .. | .. | .. |
| † Ton miles | ,, | 71,086 | 202,832 | 184,530 | 206,851 | .. | .. | .. | .. |
| Capital expenditure | Rs. | 5,74,443 | 5,78,860 | 5,82,541 | 5,92,617 | .. | .. | .. | .. |
| Dividend per cent. per annum | % | 1·70 | 2·02 | 5·04 | 3·98 | .. | .. | .. | .. |

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

Table A

Madras Eleven Section B Beypore Karadeo Railway

Details of Earnings

| Heads of Revenue Accounts | 1896 First half | 1896 Second half | 1897 First half | 1897 Second half |
|---|---|---|---|---|
| | Rs | Rs | Rs | Rs |
| Passengers (excluding troops and police and season tickets) | 19,400 | 18,758 | 23,408 | 15,861 |
| Other others of coaching traffic | 587 | 1,261 | 1,320 | 1,102 |
| Merchandise — General | 4,421 | 14,819 | 9,282 | 11,606 |
| Other items of Goods traffic | 205 | 1,423 | 408 | 609 |
| Electric telegraph and Sundries | 107 | 199 | 165 | 113 |
| Total | 24,670 | 36,660 | 34,583 | 29,291 |

Details of working Expenses

| | Rs | Rs | Rs | Rs |
|---|---|---|---|---|
| Maintenance | 10,062 | 13,558 | 6,162 | 7,927 |
| Locomotive | 4,745 | 7,135 | 6,217 | 5,581 |
| Carriage and wagon | 1,403 | 2,076 | 1,733 | 1,611 |
| Traffic | 2,012 | 2,824 | 2,421 | 2,176 |
| General charges | 1,545 | 2,221 | 1,270 | 1,486 |
| Special and Miscellaneous | 1,412 | 2,141 | 2,103 | 1,679 |
| Total | 21,179 | 29,955 | 19,906 | 20,460 |

(2)

No. Ry., April 1898.

The percentage of working expenses to gross earnings is very high, because the Madras Railway Company find it expensive to maintain the road on so short a section, and under their agreement for working it they are entitled to charge actuals for upkeep. There is no appreciable improvement of either goods earnings or in passengers carried. Much of the considerable tonnage of goods lifted, indeed quite a large proportion of it, is material for the East Coast Railway carried at a very low figure.

Madras,
30th March 1898.

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

(4)

Order—No. Ry., dated 8th April 1898.

Ordered that four copies of the Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 31st December 1897, 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. Ry., dated April 1898.]

(True Extract.)

Francis J. E. Spring,
Joint Secretary.

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

Exd. Shaik Karim.

Madras Railway Company.

# MADRAS-ENNORE SECTION

OF THE

## Bezwada-Madras Railway,

CAPITAL AND REVENUE ACCOUNTS

FOR THE

Half-year ending 31st December, 1897.

Printed by H. Plumbe, at the Lawrence Asylum Press, Mount Road, Madras—1898.

# MADRAS-ENNORE SECTION

OF THE

# BEZWADA-MADRAS RAILWAY.

**Half-year ending 31st December 1897.**

## PART I.

No. I.

*Statement of Capital Outlay authorized.*

| No. | Date of sanction. | Sanctioning authority. | Nature of Estimate. | | Amount. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| 60 | 2nd August 1894 ... | H. M.'s Secretary of State. | Total Capital outlay to 28th February 1897 against General Estimate closed on that date ... | | 5,78,577 |
| 839 R. C. | 20th May 1897 ... | Government of India. | Actual outlay on final heads during March 1897 ... | 3,474 | |
| | | | Provided in the Revised Estimate, 1897-98, for works in the completion Schedule... ... ... | 16,858 | |
| | | | Balance of completion Estimate ... .. ... | 5,668 | 26,000 |
| | | | Revised Estimate for 1897-98 ... ... ... | 20,000 | |
| | | | Less for works in the completion Estimate as above. | 16,858 | 3,142 |
| | | | | Total... | 6,07,719 |

ABSTRACT OF ABOVE.

| Main Head of Account. | Sanctions by | | | | Total. |
|---|---|---|---|---|---|
| | Secretary of State. | Government of India. | | | |
| | | Completion Estimate. | | Revised Estimate for 1897-98. | |
| | Actual outlay on Project Estimate to end of 28th February 1897. | Actual outlay on final heads during March 1897. | Balance. | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Preliminary Expenses... | 2,262 | ... | ... | ... | 2,262 |
| Land ... ... | 97,233 | ... | 2,770 | ... | 1,00,003 |
| Formation ... ... | 34,738 | ... | 1,224 | ... | 35,962 |
| Bridge-work ... ... | 32,041 | ... | 3,658 | ... | 35,699 |
| Fencing ... ... | 42,210 | ... | ... | ... | 42,210 |
| Electric Telegraph ... | ... | 3,142 | **Cr. 3,142** | 3,142 | 3,142 |
| Ballast and Permanent-way ... ... | 2,86,050 | 331 | 4,964 | ... | 2,91,345 |
| Stations and Buildings.. | 56,538 | ... | 13,053 | ... | 69,591 |
| Plant ... ... | 8,654 | ... | ... | ... | 8,654 |
| General Charges ... | 18,851 | 1 | **Cr. 1** | ... | 18,851 |
| Total ... | 5,78,577 | 3,474 | 22,526 | 3,142 | 6,07,719 |

## No. V.

DETAILS OF CAPITAL EXPENDITURE FOR HALF-YEAR ENDING 31ST DECEMBER 1897.

| | Amount. | Total. |
|---|---|---|
| **Lines opened for Traffic.** | Rs. A. P. | Rs. A. P. |
| *Preliminary Expenses—* | | |
| Survey Expenses ... ... ... ... ... | ... ... ... | ... ... ... |
| *Land* ... ... ... ... ... ... | ... ... ... | 919 4 3 |
| *Formation—* | | |
| Earthwork ... ... ... ... ... ... | ... ... ... | 763 11 6 |
| *Bridge Work—* | | |
| Minor Bridges ... ... ... ... ... | ... ... ... | 912 13 10 |
| *Electric Telegraph* ... ... ... ... ... | ... ... ... | ... ... ... |
| *Ballast and Permanent-way—* | | |
| Ballasting ... ... ... ... ... ... | ... ... ... | |
| Permanent-way ... ... ... ... ... | 4,292 9 0 | 4,292 9 0 |
| *Stations and Buildings—* | | |
| Stations and Offices ... ... ... ... ... | 3,187 4 4 | |
| Staff Quarters ... ... ... ... ... | ... ... ... | |
| Station Machinery ... ... ... ... ... | ... ... ... | 3,187 4 4 |
| *Plant—* | | |
| Stations and Office Furniture ... ... ... ... | ... ... ... | ... ... ... |
| *General Charges—* | | |
| Engineering ... ... ... ... ... | ... ... ... | 1 3 0 |
| Total Expenditure of half-year ... | ... ... ... | 10,076 13 11 |



## No. VI.

ESTIMATE OF FURTHER EXPENDITURE ON CAPITAL ACCOUNT.

| | Total Expenditure from commencement of operations to end of the half-year. | Further Expenditure. | | |
|---|---|---|---|---|
| | | During the following half-year. | In subsequent half-years. | Total. |
| **Lines opened for Traffic** less than two years— | Rs. A. P. | Rs. | Rs. | Rs. |
| Preliminary expenses ... ... | 2,262 8 2 | ... | ... | ... |
| Land ... ... ... | 96,568 8 6 | ... | ... | ... |
| Formation ... ... ... | 36,052 13 7 | ... | ... | ... |
| Bridge work ... ... ... | 33,525 1 1 | ... | ... | ... |
| Fencing ... ... ... | 42,210 3 3 | 125 | ... | ... |
| Electric Telegraph ... ... | 3,142 6 0 | ... | ... | ... |
| Ballast and Permanent-way ... | 2,90,948 10 0 | 1,248 | ... | ... |
| Stations and Buildings ... ... | 60,400 14 5 | 13,728 | ... | ... |
| Plant ... ... ... | 8,653 7 2 | ... | ... | ... |
| General Charges ... ... | 18,853 0 5 | ... | ... | ... |
| Total Expenditure to end of the half-year ... ... ... | 5,92,617 8 7 | | | |
| Total estimated further expenditure on Capital ... ... ... | Rupees. | 15,101 | ... | 15,101 |

# MADRAS-ENNORE SECTION.

## PART II.

Form No. VIII.

*Revenue Account for the half-year ending 31st December 1897.*

Dr. Cr.

| Expenditure. | Half-year ending 31st Dec. 1896. | For cent. on Gross Receipts. | Half-year ending 31st December 1897. | Abstract. | Earnings. | Half-year ending 31st Dec. 1896. | For cent. on Gross Receipts. | Half-year ending 31st December 1897. | Abstract. |
|---|---|---|---|---|---|---|---|---|---|
| | Rs. a. p. | | Rs. a. p. | | | Rs. a. p. | | Rs. a. p. | |
| To Maintenance of Way, Works & Stations | 7,926 5 11 | 37·06 | 7,134 11 10 | A | By Coaching Traffic ... | 30,318 8 7 | 97·06 | 15,962 13 10 | H |
| ,, Locomotive power | 5,580 11 4 | 19·46 | 3,975 15 8 | B | ,, Goods Traffic ... | 16,548 4 1 | 1·65 | 12,214 15 3 | I |
| ,, Carriage and Wagon expenses | 1,610 15 9 | 5·06 | 2,324 8 4 | C | ,, Electric Telegraph Earnings... | 12 10 0 | 5·60 | 14 15 0 | J |
| ,, Traffic expenses ... ... ... | 2,176 3 6 | 7·71 | 1,903 10 1 | D | ,, Rents not Railway ... | Nil. | 7·43 | Nil. | K |
| ,, General charges ... ... ... | 1,481 7 6 | 5·07 | Nil. | E | ,, Steam-boat Earnings ... | 153 9 11 | 5·08 | 98 0 9 | |
| ,, Steam-boat service ... ... | 214 9 9 | ...·73 | 308 3 3 | F | ,, Sundries ... ... | | | | |
| ,, Special Miscellaneous Expenditure | 1,464 8 8 | 5·00 | 1,803 0 0 | G | | | | | |
| ,, Hire of Railway Stock ... ... | ... | ... | 832 0 0 | | | | | | |
| ,, Rent of Telegraph Instruments | | | | | | | | | |
| Total ... ... ... | 90,459 14 5 | 69·85 | 29,290 12 10 | | Total ... | 30,032 0 7 | 100·00 | 29,290 12 10 | |
| ,, Balance Net earnings ... ... | 8,850 14 5 | 30·15 | | | | | | | |
| | 29,290 12 10 | 100·00 | | | | | | | |

Madras Railway gross earnings ... ... ... ... Rs. 56,68,787 1 0
Kolar Gold Fields Railway gross earnings ... ... ... ,, 1,09,999 9 3
Madras-Ennore Line do. ... ... ... ,, 29,290 12 10

Rs. 58,08,077 7 1

The gross expenditure on the combined undertakings exclusive of cost of maintenance of Way, Works and Stations is ... ... ... ... ... Rs. 21,94,908 8 0
being 37·70 per cent. of gross earnings.

*Note.*—The actual cost of maintenance of Way, Works and Stations of the Madras Ennore line has been separately recorded and charged for, *vide* clause 7 of letter of agreement, dated 28th February 1896.

Examined and found correct.
*Examiner of Railway Accounts.*

Ernie Dixon
*Agent and Manager.*

MADRAS,
*18th March*, 1898.

Les Duncan Wilkie
*Chief Auditor.*

*Consulting Engineer.*



# ABSTRACT A.

*Maintenance of Way, Works and Stations.*

| DECEMBER 1896. Amount. | | | | DECEMBER 1897. Amount. | | |
|---|---|---|---|---|---|---|
| | | | | Rs. a. p. | Rs. a. p. | |
| | | | 1st.—*General Superintendence*— | | | |
| ..... | | | (1)—Engineers' salaries ... ... ... ... | ..... | | |
| ..... | | | (2)—Allowances of ditto, including travelling ... | ..... | | |
| 600 0 0 | | | (3)—Subordinate Superintendents ... ... | 525 0 0 | | |
| ..... | | | (4)—Allowances of ditto, including travelling ... | ..... | | |
| ..... | | | (5)—Overtime allowances ... ... ... | ..... | | |
| 92 10 5 | | | (6)—Office expenses ... ... ... ... | 94 15 4 | | |
| | | | | | 619 15 4 | |
| | 692 10 3 | | 2nd.—*Maintenance & Renewal of Permanent-way*— | | | |
| 7,232 5 10 | | | (1)—Wages ... ... ... ... ... | 3,191 11 5 | | |
| 2,446 5 9 | 9,678 11 7 | | (2)—Materials ... ... ... ... ... | 2,616 11 9 | | |
| | | | | | 5,808 7 2 | |
| 75 11 11 | | | 3rd.—*Repairs of Bridges, &c.-Wages & Materials*- | | | |
| | | | (1)—Bridges and Tunnels ... ... ... | 77 5 4 | | |
| 529 14 10 | | | (2)—Miscellaneous, including earth-work, roads, fencing, &c. ... ... ... ... ... | 61 6 0 | | |
| | 695 10 9 | | | | 138 11 4 | |
| ..... | | | 3rd (a)—Conservancy of Rivers ... ... ... | ..... | ..... | |
| | | | 4th.—*Repairs of Stations and Buildings—Wages and Materials*— | | | |
| | | | (1)—Repairs of buildings of every description, including station-yards and signals, but excepting quarters of the staff... ... | 165 8 5 | | |
| 600 15 2 | | | (2)—Repairs of staff quarters ... ... ... | 33 5 8 | | |
| 483 10 4 | 1,084 9 6 | | | | 198 14 1 | |
| | | | 5th.—*Maintenance by Contract*— | | | |
| ..... | | | (1)—Amount paid to contractors ... ... | ..... | | |
| ..... | | | (2)—Material, supplied by the Company ... | ..... | | |
| ..... | ..... | | | ..... | ..... | |
| ..... | | | 6th.—*New Minor Works*— | ..... | 120 0 0 | |
| | | | 7th.—*Unclassified Expenditure*— | | | |
| ..... | | | (1)—Plantations ... ... ... ... ... | ..... | | |
| 24 11 1 | | | (2)—Tools and Plant ... ... ... ... | 15 2 1 | | |
| ..... | | | (3)—Loss on Stores, &c. ... ... ... ... | ..... | | |
| 10 0 2 | | | (4)—Loss by exchange ... ... ... ... | 620 5 0 | | |
| 1,431 4 3 | | | (5)—Carriage of Revenue Stores... ... ... | 404 14 11 | | |
| | 1,496 8 6 | | | | 1,040 6 0 | |
| ..... | 13,558 2 9 | | Total... | ..... | 7,926 5 11 | |

If done Departmentally.

| *Mean Mileage maintained by Revenue*— | Departmentally. Ms. Chs. Ft. | By contract. Ms. Chs. Ft. | Total. Ms. Chs. Ft. |
|---|---|---|---|
| Railway Line ... ... { Double ... ... ... ... ... | ..... | ..... | ..... |
| { Single ... ... ... ... ... | 8 36 8 | ..... | 8 36 8 |
| Sidings ... ... ... ... ... ... ... ... | 2 9 20 | ..... | 2 9 20 |
| Total single track, including sidings ... | ..... | ..... | 10 45 28 |
| Cost per mile of track, including sidings ... ... ... ... | ..... | ..... | Rs. 749·89 |

Value of stores credited to sub-head 2nd (2) ... ... ... ... ... ... Rs. 48 12 0

b

# ABSTRACT H.—COACHING TRAFFIC.

DECEMBER 1896. DECEMBER 1897.

| Amount. | Tariff Mileage Fares. } Single Return. | First Class. Rs. 0 1 0 | | Second Class. Rs. 0 0 6 | | Third Class. Rs. 0 0 2 | | Total. | |
|---|---|---|---|---|---|---|---|---|---|
| | | No. | Amount. | No. | Amount. | No. | Amount. | No. | Amount. |
| | 1st.—PASSENGERS'— | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. |
| 18,526 8 8 | Single journeys ... | 339½ | 188 15 0 | 1,195 | 291 13 0 | 240,116½ | 15,029 6 0 | 241,651 | 15,510 2 0 |
| 50 8 7 | Excess fares ... | *Nil.* | 1 6 0 | *Nil* | 2 2 0 | *Nil.* | 36 0 8 | *Nil.* | 39 8 8 |
| 380 8 4 | Return journeys ... | ... | ... ... ... | ... | ... ... ... | 7,492 | 311 13 4 | 7,492 | 311 13 4 |
| 31 1 3 | Troops and Police ... | ... | ... ... ... | ... | ... ... ... | 325 | 29 0 6 | 325 | 29 0 6 |
| | Total ... | 339½ | 190 5 0 | 1,195 | 293 15 0 | 247,933½ | 15,406 4 6 | 249,468 | 15,890 8 6 |
| 18,088 10 10 | *Corresponding Period of* 1896 ... ... ... | 554 | 305 13 0 | 3,002½ | 498 12 0 | 284,755 | 18,184 0 10 | 287,811½ | ... |
| | Season Tickets * ... | 3 | 64 12 9 | 3 | 33 1 7 | 138 | 381 6 11 | 144 | 479 5 3 |
| 461 10 1 | *Corresponding Period of* 1896 ... ... ... | 4 | 64 12 9 | 7 | 73 7 11 | 116 | 323 5 7 | 127 | ... |
| 1,808,884 | Passenger-miles ... | | 6,285 | | 13,726 | | 1,584,443 | | 1,604,454 |
| | 2nd.—PASSENGERS' LUGGAGE ... ... ... ... | | | | | | Ton-miles. | 1,140 | 551 14 9 |
| | 3rd.—MILITARY BAGGAGE ... ... ... ... ... | | | | | | | ... | ... ... ... |
| | 4th.—CARRIAGES, HORSES, DOGS, &c.— | | | | | | | | |
| | (1)—Carriages ... ... ... ... | | | | | | No. | ... | ... ... ... |
| | (2)—Horses ... ... ... ... | | | | | | | ... | ... ... ... |
| | (3)—Dogs, &c. ... ... ... ... | | | | | | | ... | ... ... ... |
| | 5th.—MILITARY CARRIAGES, HORSES, &c.— | | | | | | | | |
| | (1)—Carriages ... ... ... ... | | | | | | ,, | 70 | 22 6 7 |
| | (2)—Horses ... ... ... ... | | | | | | ,, | ... | ... ... ... |
| | (3)—Dogs, &c. ... ... ... ... | | | | | | ,, | ... | ... ... ... |
| | 6th.—PARCELS— | | | | | | | ... | ... ... ... |
| 15 5 9 | (1)—For the Public ... ... ... | | | | | | Ton-miles. | 8 | 8 10 2 |
| 17 0 1 | (2)—For Revenue ... ... ... ... | | | | | | ,, | 6 | 6 1 10 |
| 2 10 5 | 7th.—SPECIAL TRAINS ... ... ... ... | | | | | | Train miles. | ... | ... ... ... |
| | 8th.—MISCELLANEOUS ... ... ... ... | | | | | | ... | ... | ... ... ... |
| | 9th.—POST OFFICE— | | | | | | ... | ... | 3 14 9 |
| | (1)—Haulage and hire of Post Office Vehicles. { Number of Vehicles. | | | | | | | ... | ... ... ... |
| | (1)—Haulage and hire of Post Office Vehicles. { Mileage of ,, | | | | | | | ... | ... ... ... |
| | (2)—Special Trains ... ... ... | | | | | | Train-miles. | ... | ... ... ... |
| 20,218 8 7 | (3)—Parcels ... ... ... ... | | | | | | Ton-miles. | ... | ... ... ... |
| | | | | | | | Total .. | ... | 16,962 13 10 |
| | | | | | | | Less outstandings irrecoverable .. | ... | ... ... ... |
| | | | | | | | Total ... | ... | 16,962 13 10 |

* Season tickets 1st class (reckoned at the rate of 40 Single Journey Passengers per month) 3 Tickets equal 360
Do. 2nd class ( do. do. do. ) 3 do. 480
Do. 3rd class ( do. do. do. ) 138 do. 15,920



# ABSTRACT I.—GOODS' TRAFFIC.

DECEMBER 1896. DECEMBER 1897.

| Amount. | | Number of tons lifted. | Average rate per ton per mile. | Ton-miles | Amount. |
|---|---|---|---|---|---|
| | | | Pies. | | Rs. a. p. |
| 14,819 6 6 | 1st.—MERCHANDISE, GENERAL ... ... ... | 22,983 | 10·77 | 206,851 | 11,605 10 0 |
| ..... | 2nd.—MILITARY STORES ... ... ... ... | ... | ... | ... | ... ... ... |
| 0 2 9 | 3rd.—RAILWAY MATERIALS FOR CONSTRUCTION ... ... ... ... ... ... | 66 | 5·18 | 563 | 15 3 0 |
| 14,819 8 3 | Total... | 23,049 | 10·76 | 207,414 | 11,620 13 0 |
| | 4th.—COAL— | | | | |
| ..... | (1)—For the Public ... ... ... ... | 8 | 10·97 | 70 | 4 0 0 |
| ..... | (2)—For the Company (Construction only) ... | ... | ... | ... | ... ... ... |
| ..... | (3)—For Locomotive Department (Revenue only) ... ... ... ... ... | ... | ... | ... | ... ... ... |
| ..... | (4)—For other Departments ... ... ... | ... | ... | ... | ... ... ... |
| ..... | Total Coal... | 8 | 10·97 | 70 | 4 0 0 |
| 1,414 8 0 | 5th.—REVENUE STORES— | | | | |
| ..... | (1)—For all Departments excepting Coal and Locomotive fuel ... ... ... ... | 4,389 | 4·75 | 16,128 | 399 5 3 |
| ..... | (2)—Wood and patent fuel for Locomotive Department ... ... ... ... | ... | ... | ... | ... ... ... |
| 1,414 8 0 | Total... | 4,389 | 4·75 | 16,128 | 399 5 3 |
| 16,234 0 3 | Total Goods... | 27,446 | 10·32 | 223,612 | 12,024 2 3 |
| | 6th.—LIVE STOCK— | | | | No. |
| ..... | (1)—Horses ... ... ... ... ... ... | ... | ... | ... | ... ... ... |
| 6 5 4 | (2)—Cattle ... ... ... ... ... ... | 16 | ... | ... | 2 5 0 |
| 1 11 8 | (3)—Sheep, &c. ... ... ... ... ... | ... | ... | ... | ... ... ... |
| 8 0 0 | Total... | 16 | ... | ... | 2 5 0 |
| | 7th.—MILITARY LIVE STOCK— | | | | |
| ..... | (1)—Horses ... ... ... ... ... ... | ... | ... | ... | ... ... ... |
| ..... | (2)—Cattle ... ... ... ... ... ... | ... | ... | ... | ... ... ... |
| ..... | (3)—Sheep, &c. ... ... ... ... ... | ... | ... | ... | ... ... ... |
| | Total... | ... | ... | ... | ... ... ... |
| 6 3 | 8th.—RENTS AND DEMURRAGE, WHARFAGE, STORAGE, &c. ... | ... | ... | ... | 188 8 0 |
| ..... | 9th.—INTEREST ON OUTSTANDING BILLS ... ... ... | ... | ... | ... | ... ... ... |
| ..... | 10th.—MISCELLANEOUS ... ... ... ... ... | ... | ... | ... | ... ... ... |
| 16,242 4 1 | Total ... | ... | ... | 12,214 15 3 | |
| | Less outstandings irrecoverable... | ... | ... | ... | ... ... ... |
| 16,242 4 1 | Total... | ... | ... | 12,214 15 3 | |

## ABSTRACT K.—SUNDRIES.

DECEMBER 1896.

| Amount. Rs. a. p. | | DECEMBER 1897. Amount. Rs. a. p. |
|---|---|---|
| | 1896. Rs. A. P. / 1897. Rs. A. P. | |
| ..... ..... | Hire of Locomotives ... ... { Gross Receipts ... ..... ; Charges ... ..... | |
| ..... ..... | Hire of Vehicles ... ... { Gross Receipts ... ..... ; Charges ... ..... | ..... |
| ..... ..... | Mileage and Demurrage of Vehicles over Foreign lines. { Gross Receipts ... ..... ; Charges ... ..... | ..... |
| ..... ..... | Rent of Stations, &c., jointly occupied. { Gross Receipts ... ..... ; Charges ... ..... | ..... |
| ..... | Clearing accounts with other lines ... ... ... ... ... ... | ..... |
| ..... | Tolls on Bridges ... ... ... ... ... ... | ..... |
| 57 9 11 | Rents of Dwelling-houses ... ... ... ... ... ... | ..... |
| ..... | Rents of Refreshment-rooms ... ... ... ... ... ... | 58 6 9 |
| ..... | Fees on share transfers, &c. ... ... ... ... ... ... | 25 0 0 |
| ..... | Profits of Workshops for work done for other Railways, &c. ... ... ... | ..... |
| ..... | Sale of unclaimed and damaged goods ... ... ... ... ... ... | ..... |
| ..... | Unpaid or unclaimed salaries ... ... ... ... ... ... | ..... |

*Sale of Revenue Stores.*

| 1896. Rs. A. P. | | 1897. Rs. A. P. |
|---|---|---|
| 126 0 0 | (1)—Maintenance... ... ... ... ... | 14 10 0 |
| ..... | (2)—Locomotive ... ... ... ... ... | ..... |
| ..... | (3)—Carriage and Wagon ... ... ... ... | ..... |
| ..... | (4)—Traffic ... ... ... ... ... | ..... |
| 126 0 0 | (5)—General ... ... ... ... ... | ..... |
| ..... | Miscellaneous ... ... ... ... ... ... ... | 14 10 0 |
| 183 9 11 | | ..... |
| ..... | Less outstandings irrecoverable ... ... ... ... ... | Total ... 98 0 9 |
| 183 9 11 | | ..... |
| | | Total ... 98 0 9 |



## No. XIII.

MILEAGE STATEMENT.

| | Double Line. Ms. Chs. Ft. | Single Line. Ms. Chs. Ft. | Total. Ms. Chs. Ft. | Sidings. Ms. Chs. Ft. |
|---|---|---|---|---|
| Lines sanctioned, not commenced ... ... ... | ... | ... | ... | ... |
| ,, under construction ... ... ... ... | ... | ... | ... | ... |
| ,, constructed, but not worked ... ... | ... | ... | ... | ... |
| ,, ,, and worked by the State ... | ... | ... | ... | ... |
| ,, ,, ,, ,, by others ... | ... | 8 36 8 | 8 36 8 | 2 9 20 |
| Total ... | ... | 8 36 8 | 8 36 8 | 2 9 20 |
| Lines worked by the State— | | | | |
| Its own ... ... ... ... ... | ... | ... | ... | ... |
| Foreign ... ... ... ... ... | ... | ... | ... | ... |
| Total ... | ... | ... | ... | ... |
| Foreign Lines worked over by the State ... ... | ... | ... | ... | ... |
| Total mean mileage worked during the half-year... | ... | 8 36 8 | 8 36 8 | 2 9 20 |

## No. XIV.

STATEMENT OF TRAIN MILEAGE.

| | | Miles. | Estimated Locomotive expenses. Rs. |
|---|---|---|---|
| (1)—Train-miles run for Public Traffic ... | Passengers ... ... | 8 | 3 |
| | Goods ... ... | 1,607 | 593 |
| | Mixed ... (a) | 11,992 | 4,423 |
| | Light ... (b) | 76 | 28 |
| (2)—Train-miles run for Locomotive Department ... ... ... | | ... | ... |
| (3)— Do. for Maintenance ... ... ... ... ... | | 974 | 360 |
| Total Train-mileage ... | | 14,657 | 5,407 |
| (4)—Miles of assisting engines (actual distance) ... ... ... | | 8 | 3 |
| (5)—Miles of engines shunting and standing in steam for traffic purposes, calculated at 5 miles an hour ... ... ... | | 425 | 156 |
| (6)—Miles run for miscellaneous services (actual distance) ... ... | | 40 | 15 |
| Total Miscellaneous Engine-mileage... | | 473 | 174 |
| Total Engine-mileage... | | 15,130 | 5,581 |

(a) Passenger miles 7,712, Goods miles 4,280.
(b) ,, *Nil* ,, 76.

c

## No. XVII.

NET REVENUE ACCOUNT FOR HALF-YEAR ENDING 31st DECEMBER 1897.

Dr. Cr.

| | Rs. a. p. | | Rs. a. p. |
|---|---|---|---|
| To Interest on Capital Outlay at ½ per cent. ... | 11,752 0 0 | By Net Earnings of the half-year as per Form No. VIII ... | 8,830 14 5 |
| „ additional contribution to M. Ry. Provident Institution for half year 30th June 1897 ... | 25 10 2 | By Balance, being net loss to Government ... ... | 2,946 11 9 |
| Total ... | 11,777 10 2 | Total ... | 11,777 10 2 |

## 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... | 24,872 5 3 | By additional contribution to M. Ry. Provident Institution for half year 30th June 1897 ... | 25 10 2 |
| „ do. for current half-year. | 8,830 14 5 | By Amount of net receipts ... | 33,677 9 6 |
| Total ... | 33,703 3 8 | Total ... | 33,703 3 8 |

## No. XVII-B.

INTEREST ACCOUNT.

Dr. Cr.

| | Rs. a. p. | | Rs. a. p. |
|---|---|---|---|
| To Amount of net receipts from Account No. XVII-A. ... | 33,677 9 6 | By Interest to end of previous half-year ... ... ... | 47,185 0 0 |
| „ Balance, being excess of Interest on Capital over net receipts ... ... | 25,259 6 6 | „ Interest during current half-year. | 11,752 0 0 |
| Total ... | 58,937 0 0 | Total ... | 58,937 0 0 |



## No. XVIII.

CAPITAL ACCOUNT.

Dr. Cr.

| | Rs. a. p. | | Rs. a. p. |
|---|---|---|---|
| To Expenditure incurred in India ... ... ... | 5,32,361 3 3 | By Construction accounts, *viz.*:— | |
| | | Preliminary expenses... | 2,262 8 2 |
| Debits to the Indian books by credits to "Expenditure in England" for value of English stores received and other items charged off in England— | | Land ... ... ... | 96,568 8 6 |
| | | Formation ... ... | 36,052 13 7 |
| | | Bridge Work ... ... | 33,525 1 1 |
| | | Fencing ... ... | 42,210 3 3 |
| | | Electric Telegraph ... | 3,142 6 0 |
| | | Ballast and Permanent-way ... ... ... | 2,90,948 10 0 |
| Rs. A. P. | | Stations and Buildings.. | 60,400 14 5 |
| Stores ... 60,256 5 4 | | Plant ... ... ... | 8,653 7 2 |
| Miscellaneous ... | | General Charges ... | 18,853 0 5 |
| | 60,256 5 4 | | 5,92,617 8 7 |
| | 5,92,617 8 7 | | |
| To charge for capitalization of abatement of Land Revenue ... ... ... | 10,337 1 4 | By Suspense accounts ... | ... |
| | | Total ... | 5,92,617 8 7 |
| | | Less receipts on Capital Account ... ... | ... |
| | | Net Capital outlay ... | 5,92,617 8 7 |
| | | Add charge for capitalization of abatement of Land Revenue... ... | 10,337 1 4 |
| Total ... | 6,02,954 9 11 | Total ... | 6,02,954 9 11 |

Chief Auditor.

Agent and Manager.

Examiner of Railway Accounts.

Consulting Engineer for Railways.

# MADRAS-ENNORE SECTION.

*Abstract of Principal Commodities Half-year ending 31st December 1897.*

| Description of Commodity. | Quantity. Second Half of 1896. | Quantity. Second Half of 1897. | Receipts. Second Half of 1896. | Receipts. Second Half of 1897. | 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... | ... | 8 | ... | 4 | 8 | ... | 4 | ... |
| II. Cotton, Raw ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| III. Cotton, Manufactured— | | | | | | | | |
| (1.) Twist and Yarn, European... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Twist and Yarn, Indian ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Piece Goods, European ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (4.) Piece Goods, Indian ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IV. Drugs and Chemicals— | | | | | | | | |
| (1.) Intoxicating other than Opium ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Non-intoxicating— | | | | | | | | |
| (a.) Cinchona bark | ... | ... | ... | ... | ... | ... | ... | ... |
| (b.) Others ... | ... | .. | ... | ... | ... | ... | ... | ... |
| V. Dyes and Tans— | | | | | | | | |
| (1.) Indigo ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Myrabolams ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Cutch ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (4.) Turmeric... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (5.) Aniline dyes ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (6.) Others ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| VI. Grain and Pulse— | | | | | | | | |
| (1.) Wheat ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Rice in the husk ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Rice not in the husk ... | ... | 1 | ... | 1 | 1 | ... | ... | ... |
| (4.) Jawar and Bajra ... ... | ... | ... | ... | ... | ... | 1 | ... | ... |
| (5.) Gram and Pulse ... ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| (6.) Others ... ... ... | ... | ... | ... | ... | 2 | ... | 2 | ... |
| VII. Hides and Skins— | | | | | | | | |
| (1.) Hides of Cattle— | | | | | | | | |
| (a.) Dressed or Tanned ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (b.) Raw ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Skins of Sheep, &c.— | | | | | | | | |
| (a.) Dressed or Tanned ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (b.) Raw ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| VIII. Horns ... ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| IX. Jute— | | | | | | | | |
| (1.) Raw ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Gunny Bags and Cloth ... | ... | ... | ... | ... | ... | ... | ... | ... |
| X. Lac— | | | | | | | | |
| (1.) Stick ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Shell ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XI. Leather, Manufactured ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Carried forward ... | 1 | 8 | 1 | 7 | 8 | 1 | 6 | ... |



*Abstract of Principal Commodities*—Continued.

| Description of Commodity. | Quantity. Second Half of 1896. | Quantity. Second Half of 1897. | Receipts. Second Half of 1896. | Receipts. Second Half of 1897. | Quantity. Increase. | Quantity. Decrease. | Receipts. Increase. | Receipts. Decrease. |
|---|---|---|---|---|---|---|---|---|
| | Tons. | Tons. | Rs. | Rs. | Tons. | Tons. | Rs. | Rs. |
| Brought forward ... | 1 | 8 | 1 | 7 | 8 | 1 | 6 | ... |
| XII. Liquors— | | | | | | | | |
| (1.) Beer ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Spirits ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Wines ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XIII. Metals— | | | | | | | | |
| (1.) Copper, unwrought ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Brass, unwrought... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Copper, wrought ... ... | ... | ... | ... | ... | ... | ... | ... | 3,127 |
| (4.) Brass, wrought ... ... | ... | 8,103 | 9,811 | 7,767 | 4,640 | 1,708 | ... | ... |
| (5.) Iron ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (6.) Others ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XIV. Oils— | | | | | | | | |
| (1.) Kerosine ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Castor ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Cocoanut ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (4.) Others ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XV. Oil Seeds— | | | | | | | | |
| (1.) Linseed ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Rape and Mustard ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Til or Jinjili ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (4.) Poppy ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (5.) Earthnuts ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (6.) Castor ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (7.) Others ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XVI. Opium— | ... | ... | ... | ... | ... | ... | ... | ... |
| XVII. Paper and Paste Board... | ... | ... | ... | ... | ... | ... | ... | ... |
| XVIII. Provisions— | | | | | | | | |
| (1.) Ghee ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Dried Fruits and Nuts ... | ... | 6 | ... | 3 | 7 | 2 | ... | 3 |
| (3.) Others ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XIX. Railway Plant and Rolling Stock *carried for the Public and Foreign Railways*— | | | | | | | | |
| (1.) Loco. Engines and Tenders and parts thereof ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Carriages and Trucks and parts thereof ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Materials— | | | | | | | | |
| (a.) Steel Rails and Fish Plates ... ... | 4,704 | 3,127 | 3,103 | 2,969 | ... | 1,677 | ... | 134 |
| (b.) Sleepers and Keys of Steel and Cast Iron ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (c.) Other sorts ... ... | 587 | 129 | 250 | 110 | ... | 458 | ... | 140 |
| | 1,154 | 198 | 498 | 84 | ... | 956 | ... | 414 |
| XX. Salt ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXI. Saltpetre, &c.— | | | | | | | | |
| (1.) Saltpetre ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Other Saline substances ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXII. Silk, Raw— | | | | | | | | |
| (1.) Foreign ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Indian ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Carried forward ... | 14,555 | 13,276 | 11,626 | 7,812 | 1,716 | 2,995 | 6 | 3,820 |

d

22/4/98.

*Abstract of Principal Commodities*—Continued.

| Description of Commodity. | Quantity. | | Receipts. | | Quantity. | | Receipts. | |
|---|---|---|---|---|---|---|---|---|
| | Second Half of | | | | Increase. | Decrease. | Increase. | Decrease. |
| | 1896. | 1897. | 1896. | 1897. | | | | |
| | Tons. | Tons. | Rs. | Rs. | Tons. | Tons. | Rs. | Rs. |
| Brought forward ... | 14,555 | 13,276 | 11,626 | 7,812 | 1,716 | 2,995 | 6 | 3,820 |
| XXIII. Silk Piece Goods— | | | | | | | | |
| (1.) Foreign ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Indian ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXIV. Spices— | | | | | | | | |
| (1.) Betel nuts ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Pepper ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Ginger ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (4.) Chillies ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (5.) Cardamoms ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (6.) Others ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXV. Stone and Lime ... ... | 2,539 | 6,250 | 780 | 1,982 | 3,711 | ... | 1,202 | ... |
| XXVI. Sugar— | | | | | | | | |
| (1.) Refined or crystallized including Sugarcandy ... | 1 | ... | 1 | ... | ... | 1 | ... | 1 |
| (2.) Unrefined, viz., Mollasses and Jaggery or Gur and other Saccharine produce... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXVII. Tea— | | | | | | | | |
| (1.) Foreign ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Indian ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXVIII. Timber ... ... ... | 5,283 | 3,411 | 2,281 | 1,679 | ... | 1,872 | ... | 602 |
| XXIX. Tobacco— | | | | | | | | |
| (1.) Unmanufactured ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Manufactured— | | | | | | | | |
| (a) Cigars ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (b) Other sorts ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXX. Wool, Raw ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXXI. Wool, Manufactured— | | | | | | | | |
| (1.) Piece Goods, European ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (2.) Piece Goods, Indian ... | ... | ... | ... | ... | ... | ... | ... | ... |
| (3.) Shawls ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| XXXII. All other Articles of Merchandise ... ... | 164 | 54 | 131 | 137 | ... | 110 | 6 | ... |
| Total ... | 22,542 | a 22,991 | 14,819 | b 11,610 | 5,427 | 4,978 | 1,214 | 4,423 |

| | Tons. | Rs. |
|---|---|---|
| Abstract I.—1st Merchandise General ... ... ... ... | 22,983 | 11,606 |
| 4th Coal (1)—For the Public ... ... ... ... | 8 | 4 |
| | a 22,991 | b 11,610 |



Certified that the foregoing accounts of the Madras-Ennore Section of the Bezwada-Madras Railway for the half-year ending 31st December 1897 are correct, and have been prepared strictly in accordance with the orders in force.

18*th March* 1898.

Chief Auditor.

*Examiner of Railway Accounts.*

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## Certificate respecting the Permanent-way, &c.

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

HENRY C. WEST,
*Chief Engineer.*

21*st January* 1898.

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I hereby confirm the certificate given above by the Railway Official.

FRANCIS J. E. SPRING,
*Senior Government Inspector of Railways and Consulting Engineer for Railways, Madras.*

2*nd February* 1898.

22/4/28.

## MADRAS-ENNORE SECTION.

**Analysis of the working results for the Half-year ending 31st December 1897.**

### A.—PASSENGER TRAFFIC.

| | | |
|---|---|---|
| Average length open ... ... ... ... ... ... ... | Miles. | 8·45 |
| 1.—Receipts from Coaching Traffic ... ... ... ... ... | Rs. | 16,963 |
| 2.—Passenger Train miles run ... ... ... ... ... | No. | 7,720 |
| 3.—Average Passenger Train mile receipts ... ... ... ... | Rs. | 2·20 |
| 4.—Number of Passengers carried one mile ... ... ... ... | No. | 1,662,576 |
| 5.—Average sum received for carrying a Passenger one mile ... ... | Ans. | ·16 |
| 6.—Average number of Passengers in a train at any one time ... ... | No. | 215 |
| 7.—Average number of Passenger trains per diem each way, supposing each train to traverse the whole line open ... ... ... | ,, | 2·48 |
| 8.—Average number of Passengers passing over each mile of line daily (both ways) ... ... ... ... ... ... ... | ,, | 1,069 |

### B.—GOODS TRAFFIC.

| | | |
|---|---|---|
| Average length open ... ... ... ... ... ... ... | Miles. | 8·45 |
| 1.—Receipts from Goods Traffic, exclusive of demurrage on Goods ... | Rs. | 12,626 |
| 2.—Goods Train miles run ... ... ... ... ... ... | No. | 6,937 |
| 3.—Average Goods Train mile receipts ... ... ... ... | Rs. | 1·73 |
| 4.—Tons of Goods carried one mile ... ... ... ... ... | Tons. | 223,655 |
| 5.—Average sum received for carrying one ton one mile... ... ... | Ans. | ·86 |
| 6.—Average number of tons in a Goods train at any one time ... ... | Tons. | 32 |
| 7.—Average number of Goods train per diem each way, supposing each train to run over the whole line open... ... ... ... | No. | 2·23 |
| 8.—Average number of tons of Goods passing over each mile of line daily (both ways) ... ... ... ... ... ... ... | Tons. | 144 |