Public Works (1897) Department.

RAILWAY BRANCH.

G.O., No. 997 Rly

DATED 10th April 1899.

[Despatch Abstract.]

List of petty Sanctions

Ordered that the ——— involving expenditure under Rs500/- for the quarter ended the 31/3/99 be forwarded to the Govt of India.

Forwarded

Indexed 12/4/99

[P. W. Ry. 500—1-12-98]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
—	1266-67	Rly	14/10/98				
—	36-37	Rly	9/1/99				

FURTHER PAPERS.

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

Public Works (1899) Department.

Railway

CURRENT No. 474

B.

From The Examiner, Gen Railway Accounts, Madras

Order No 396 Rly of 10/4/99.

The Govt of India will kindly addressed.

No. 265 S

Dated 5th April 1899.

Received } 5.4.99

Registered }

Enclosures

Spare copies

1 The Govt Egypt Rly
Examiner, Gen Branch
H. E. No 397 Rly of 10 April/99

To The Secretary to the Govt of India P.W.D.

SUBJECT.

List of sanctions accorded by the Govt of Madras under the powers delegated by the Govt of India in their — Circular No. 3. P.W. dated 22nd February 1896, for the quarter ending 31st March 1899.

Sir, In continuation of my letter No 37 Rly of 9th January 1899. I am directed to forward herewith a list of sanctions to petty cases involving expenditure under Rs 5000. for the quarter ended the 31st March 1899.

10/4/99

7.4.99

2/4/99

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

List of sanctions accorded by the Government of Madras under the powers delegated by the Government of India in their Circular No 3 F. D., dated 22nd February 1896 for the quarter ending 31st March 1899.

Number and date of order of Local Government	Particulars of the case as brief as possible.	Amount of Payment sanctioned (to be forward totalled each Financial year).		Remarks (if any) of Accountant General and Local Government in submitting the case.
		Imperial Rs	Provincial Rs.	
		Madras Railway Nil		
		South Indian Railway Nil		
	Total for quarter	"	"	
	Total brought forward	368	"	
	Total for 1898-1899	368		

No 265 S, dated 5th April 1899.

Forwarded to the Joint Secretary to Government, Public Works Department Railway Branch, Madras.

Madras
5th April 1899.

/By/ F. G. Heaven
Examiner Pg: accts:

ABSTRACT of General Charges for 1898-99 and 1899-1900.

Sub-heads of establishment.	Revised estimate, 1898-99.	Budget estimate, 1899-1900.	Distribution.			
			Capital.		Revenue.	
			1898-99.	1899-1900.	1898-99.	1899-1900
	Rs.		Rs.			
Direction or General	..	..	..	..	..	..
Engineering	1,397	..	1,397	..	..	..
Stores	..	..	..	..	..	..
Audit and Accounts	..	..	..	..	..	..
Medical and Sanitation	..	..	..	..	..	..
Locomotive	..	..	..	..	..	..
Traffic	..	..	..	..	..	..
Total ..	1,397	..	1,397	..	..	..

W. H. SPALDING,
Acting Agent, South Indian Railway.

E. BAILEY,
Offg. Chief Auditor, South Indian Railway.

C. E. HUBBARD,
Dy. Examr., Ry. Accts., Trichinopoly.

F. F. SMITH,
Acting Chief Engineer.

RAILWAY.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*

Regd. *Spare copies*

Letter, No. 495 Ry., 28th April 1899.

APRIL.

Capital Revised and Budget Estimates, Mayavaram-Mutupet Railway

Forwarding the Final Issue of the — for the years 1898-99 and 1899-1900.

PUBLIC WORKS DEPARTMENT.

Railway.

Letter—from

Francis J. E. Spring, Esq., c.i.e.,
Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch,

To

The Secretary to the Government of India,
Public Works Department.

Sir,

With reference to Government of India Resolution, No. $\frac{14}{B.O.}$ A.R., dated 21st March 1899, I am directed to forward, herewith, the Final Issue of the Capital Revised and Budget Estimates of the Mayavaram-Mutupet Railway for the years 1898-99 and 1899-1900.

I have the honour to be,
Sir,
Your most obedient servant,

Francis J. E. Spring,
Joint Secretary.

Ootacamund,
28th April 1899.

Ed. C. M. Thumbusawmy.

Final Issue.

CAPITAL BUDGET ESTIMATE—WORKS

PUBLIC WORKS DEPARTMENT.

Capital Expenditure on Public Works not charged against Revenue.

37 Contribution of Railways-Provincial

48.—STATE RAILWAYS—CONSTRUCTION.

Revised and Budget Estimates

of

Construction Works

on the

Mayavaram Mutupet

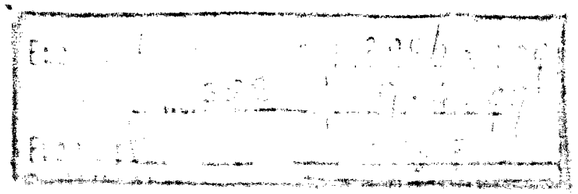
SOUTH INDIAN STATE RAILWAY

for

1898-99 and 1899-1900.

MEMORANDUM.

	1899-1900. Rs.
Grant sanctioned in Public Works Department Resolution No. $\frac{14}{B.O.}$ A.R. dated 21st March 1899	22.000
Programme approved—	
Cash outlay	22.000
Value of stores to be drawn from stock	
Total ...	22.000



Capital Revised and Budget Estimates of Construction Works on the ~~South Indian State~~ Mayavaram Mutupet Railway for 1898-99 and 1899-1900

General Abstract.

Main heads of Expenditure.	1	2	3			4			5	6	7
	Actuals to end of	Budget Grant,	Revised Estimate, 1898-99			Budget Estimate, 1899-1900			Total probable outlay to end of 1899-1900 (Columns 1, 3 and 4.)	Required for lines under Construction only.	
	1897-98	1898-99	Cash.	Stores.	Total.	Cash.	Stores.	Total.		Remaining to be spent in future years.	Sanctioned estimate.
Works and Services.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Preliminary Expenses	16.171	"	"	"	"	"	"	"	16.171		
II.—Land	1.79.213	126	4500	"	4500	25	"	25	1.74738		
III.—Formation	2.42935	270	"	"	"	196	"	196	2.43131		
IV.—Bridge-work	8.46.704	500	99	"	99	"	"	"	8.46.803		
V.—Fencing	29897	"	"	"	"	"	"	"	29897		
VI.—Electric Telegraph	2536	41	"	"	"	41	"	71	2607		
VII.—Ballast and Permanent-way	671.996	990	500	"	500	14202	"	14202	6.86698		
VIII.—Stations and Buildings	219.245	4615	3099	"	3099	7080	"	7080	229424		
Total Construction Accounts	22.08.697	6572	1802	"	1802	21574	"	21574	22.28.469		Nil
IX.—Plant	14222	428	199	"	199	426	"	426	14847		
X.—Ferries, &c.	"	"	"	"	"	"	"	"	"		
XI.—Rolling stock	"	"	"	"	"	"	"	"	"		
XII.—General charges	2.74126	"	1397	"	1397	"	"	"	272729		
Total Expenditure on Final Heads	24.97045	6000	3.000	"	3000	22.000	"	22.000	2516045		
Purchase of Line											
Overdrawn Capital											
Loss by Exchange											
Miscellaneous advances											
Total	24.97045	6000	3000	"	3000	22000	"	22.000	2516045		
Deduct—Receipts on Capital Account											
Cash and stores taken over from Company on purchase of line											
Grand Total, Works and Services	24.97045	6000	3000	"	3000	22.000	"	22.000	2516045		

Dated Trichinopoly, 15th April 1899.

Chas E Hubbard.
Dy Examiner of Ry. Accounts.

Trichinopoly.

Offg Chief Auditor,
S. I. Ry.

Acting Chief Engineer
13.4.99

W H Spalding
Ag: Agent.
South Indian State Railway.

Abstract of General Charges for 1898—99 and 1899-1900.

Sub-Heads of Establishment.	Revised Estimate, 1898-99.	Budget Estimate, 1899-1900.	Distribution. Capital. 1898-99.	Capital. 1899-1900.	Revenue. 1898-99.	Revenue. 1899-1900
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction or General	"	"	"	"	"	"
Engineering	1397	"	1397	"	"	"
Stores	"	"	"	"	"	"
Audit and Accounts	"	"	"	"	"	"
Medical and Sanitation	"	"	"	"	"	"
Locomotive	"	"	"	"	"	"
Traffic	"	"	"	"	"	"
Total	1397	"	1397	"	"	"

W H Spalding
Ag: Agent
S. I. Ry.

Chas E Hubbard.
Dy Examiner of Railway Accounts, Trichinopoly.

Offg Chief Auditor,
13/4
S. I. Ry.

Acting Chief Engineer

Final Issue.

Capital Budget Estimate — Stores

Public Works Department

Capital expenditure on public works charged against Revenue

37. Construction of Railways

Provincial

Revised and Budget Estimates

of

Stores Transactions

on the

Mayavaram Mutupet Railway

for

1898-99 and 1899-1900

Memorandum.

Grant sanctioned ... ... Rs ...

The Budget Estimate Contemplates a total expenditure of Rs. as under :—

Cash outlay on Stores ... ...

Expenditure in England including exchange ... ...

and is provided for as follows :—

Credits for Stores issues to capital works... ...

Credits for Stores issues to Revenue ... ...

Transfers and Sales... ... ...

Balance being Net capital grant required as above ...

...ed Budget Estimate for 1...

	...sed Budget-imate, Estimate 1898-99	1899-1900
	Rs	Rs
...commencement of the		
...during the year —		
...al Purchases —		
...ie wood		
Oil		
Coal		Nil
Timber		
Running and Miscellaneous Stores		
	-	-
London Stores —		
For Capital works and Revenue Purposes		
Bridgework		Nil
Rolling Stock		
Permanent-way		
Miscellaneous Stores		
	-	-
Manufactures —		
Quarrying		
Brick Manufacture		Nil
Lime — do —		
Ballast —		
	-	-
Work Shop Manufacture —		
" in progress		Nil
works		
Total debits during the year ...	-	-
Grand Total ...	-	-

Particulars of cre...

Credits during the year —	
Issues to capital works —	
I. Preliminary Expenses	
II. Land	
III. Formation	
IV. Bridgework	
V. Fencing	
VI. Electric Telegraph	
VII. Ballast and Permanent-way —	
VIII. Stations and buildings ...	
IX. Plant —	
X. Ferries &c	
XI. Rolling Stock	
XII. General charges ...	
Issues to Revenue ...	
Transfers & Sales ...	
Total credits during the year	
Balance Expected at the close of the year —	
Grand Total ...	

Net debit or credit to Stores transactions having Capital grant required — ... ...

Chas E Stubbard.
Dy Examiner of Railway Accounts
Trichinopoly.

Rail...
Offg: Chief Auditor,
S. I. Ry.
13/4

...ding Chief Engineer.

For ... No. ...

South Indian Railway ... Co., Ld.,
AGENT'S OFFICE,
TRICHINOPOLY, 17th April 1899.

Papers to ...

A

...S.M.,

SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

Sir,

With reference to Government Order No. 387 Railways, dated 7th April 1899, I have the honor to forward herewith the final issue of the Capital Revised and Budget Estimates of the Mayavaram-Mutupet Railway for 1898-99 and 1899-1900.

I have the honor to be,
Sir,
Your Most Obedient Servant

W. Spalding
Ag: Agent.

Enclosures herewith.

...and 1899-1900.

Madras, 18th April

For No.

No. 1230.

Papers to

OFFICE NOTE.

Letter from the Agent, South Indian Railway, No. 358
dated 17th April 1899, forwarded to the Examiner of Railwa
Accounts for favor of remarks.

for E.

EXAMINER'S REPLY.

Checked and returned.
The Revised & Budget estimates
(Final issue) have been
correctly prepared for th
amounts sanctioned by th
Govt. of India.
The blank stores budget nu
not be printed or sent forw
and columns 6 & 7 of the g
abstract in the works budg
may be omitted.

21/4/99

CR
21-4-99.

and 1877-1900.

[500—1-12-98.]

From
The Agent,
South Indian Railway,
Trichinopoly,

To
The Consulting Engineer for
Railways,
Madras.

Dated
Received

No.

Enclosure.

Trichinopoly.

13/4

For No. .

PUBLIC WORKS DEPARTMENT.

RAILWAY BRANCH.

A

Papers to be read in Proceedings:—

Again G.O., dated , 189 , No.

Again G.O., dated , 189 , No

E/B Current No. 2006 of 1899, dated 18-4-99, from A Genl

" " " 189 , " , "

" " " 189 , " , "

ORDER. No 454 Rys dt 28/4/99.

Ordered that the Financial Statement of the Capital received and budget estimates of the M.M.R.Ps for the years 1898-99 and 1899-1900, be forwarded to the Govt of India.—

H.E.No:-498 Rys dt 22nd April/99

To

The Secretary
to Govt of India
P.W.D.

Sir,

With reference to Govt of India Resolution No: 14/B.C. A-Rys dt 21st March 1899, I am directed to forward herewith the Financial Statement of the Capital Revenue and Budget estimates of the M.M.R.Ps for the years 1898-99 and 1899-1900.

I have etc

Secy to Govt

To The Agent S.I.R.
" Examiner Gs R. Accts
" Local Commercial Dept
" Financial Dept
" Accountant General
" Chief Engr for Rys

Dept 6/5/99.

S.611

Secy dept Rys

No. III.

CAPITAL RAISED BY LOANS AND DEBENTURE STOCK.

	Raised by Loans. At 3½ per cent.	At 3 per cent.	At 2½ per cent.	At 2¼ per cent.	Raised by issues of Debenture Stock	Total raised by Loans and Debenture Stock.
	£	£	£	£	£	£
Existing 30th June 1898	100,000	332,700	60,000	405,300	....	898,000
Do. Calicut-Cannanore Extension	.....	....	....	100,000	....	100,000
Existing 31st December 1898	100,000	332,700	60,000	405,300	....	898,000
Do. Calicut-Cannanore Extension	.....	....	....	100,000	....	100,000
Increase	....	....	....	....	....	....
Decrease	....	....	....	....	....	....

Total amount authorised to be raised by Loans and by Debenture Stock in respect of Capital created, as per Statement No. I.	....
Total amount raised by Loans as above	3,419,210
Balance being available borrowing powers at 31st December 1898	998,000
	2,421,210

No. IV.

RECEIPTS AND EXPENDITURE ON CAPITAL ACCOUNT.

Dr. **Cr.**

To Expenditure:—	Amount expended to 30th June 1898.	Amount expended during half-year as per Account No. 5.	Total.
	£ s. d.	£ s. d.	£ s. d.
On Line open for Traffic	9,509,497 3 5	14,319 19 2	9,523,817 2 7
„ Working stock	1,432,591 2 1	3,503 12 9	1,436,094 14 10
Total	10,942,088 5 6	17,823 11 11	10,959,911 17 5
For Stores			* 214,343 13 9
			11,174,255 11 2

By Receipts:—	Amount received to 30th June 1898.	Amount received during half-year.	Total.
	£ s. d.	£ s. d.	£ s. d.
Shares and Stock per last Statement	10,257,630 0 0	....	10,257,630 0 0
℔ Account No. 2	....	....	....
Capital not bearing interest	....	....	....
Per last statement	7,258 3 4	....	7,258 3 4
Loans—			
Per last statement	898,000 0 0	....	898,000 0 0
℔ Account No. 3	....	....	....
By Balance	11,162,888 3 4	....	11,162,888 3 4
	....	....	11,367 7 10
			11,174,255 11 2

* Value of Stores in Stock and in Transit per Capital Balance Sheet £ 219,528 3 8
Add Stores Sales Account 3,592 18 8
Suspense Account 385 6 1
223,506 8 5
Deduct Stores Purchase Account 9,162 14 8
Total ... 214,343 13 9

No. IVa.

RECEIPTS AND EXPENDITURE ON CAPITAL ACCOUNT, CALICUT-CANNANORE EXTENSION.

Dr. **Cr.**

To Expenditure per No. Va.	Amount expended to 30th June 1898.	Amount expended during half-year as per Account No. 5 a.	Total.
	£ s. d.	£ s. d.	£ s. d.
on Line open for Traffic.	....	....	....
„ Line in course of construction—			
Calicut-Cannanore Extension	5,415 15 10	3,396 11 8	8812 7 6
Arcot-Ranipet Branch.	3,369 15 5	9,832 3 2	13,201 18 7
„ Working stock	....	....	....
„ Docks Steam Boat, &c.	....	....	....
„ Subscriptions to other Railways	....	....	....
Total	8,785 11 3	13,228 14 10	22,014 6 1
To Balance			76,985 13 11
			99,000 0 0

By Receipts:—	Amount received to 30th June 1898.	Amount received during half year.	Total.
	£ s. d.	£ s. d.	£ s. d.
Stock and shares per last statement	....	....	....
℔ Account No. II	....	....	....
Capital not bearing interest	....	....	....
Per last statement Dr. £1,000	Dr. 1,000 0 0	....	Dr. 1,000 0 0
Loans—			
Per last statement	....	....	....
℔ Account No. 3	100,000 0 0	....	100,000 0 0
	99,000 0 0		99,000 0 0

F. DUNSTERVILLE,
Chief Auditor.

F. G. HEAVEN,
Examiner of Railway Accounts.

LOUIS S. MOSS,
Agent and Manager.

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

No. V.

DETAILS OF CAPITAL EXPENDITURE FOR THE HALF-YEAR ENDING 31st DECEMBER 1898.

Line open for Traffic.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Construction of Line—Earthwork	20,453 5 1		
Bridge work—			
Minor Bridges	184 1 6		
Large Bridges	4,165 9 4		
Level Crossings	Cr. 2,101 7 1		
		22,701 8 10	
Ballast and Permanent Way—Ballasting	1,091 0 9		
Permanent Way	7,284 8 8		
		8,375 9 5	
Stations and Buildings—Stations and Offices	33,304 3 7		
Workshops Store Buildings	13,722 15 9		
Staff Quarters	55,732 7 0		
Station Machinery	15,228 15 10		
		1,17,988 10 2	
Plant—Locomotive Shop Plant	6,640 14 0		
Stations and Office Furniture	511 1 0		
		7,151 15 0	
			1,56,217 11 5
Working Stock.			
Engines and Tenders	....	1,203 2 1	
Carriages	....	36,701 3 11	
Wagons	....	317 2 1	
			38,221 8 1
Total expenditure for half-year as per Account No. 4, £17,823-11-11 at 1/10 exchange...	....	Rupees.	1,94,439 3 6

No. Va.

DETAILS OF CAPITAL EXPENDITURE ON CALICUT-CANNANORE EXTENSION.

Line in course of construction. *Calicut-Cannanore Extension.*	Rs. A. P.	Rs. A. P.
Preliminary Expenses—Survey Expenses	121 6 6	
Plant	3 15 0	
Establishment	1,119 8 8	
		1,244 14 2
Construction of Line—Earthwork	20,294 8 7	
Minor Bridges	589 12 10	
Level Crossings	9 10 1	
		20,893 15 6
Stations and Buildings—Workshop Store Buildings	....	870 5 0
Plant—Engineering	589 11 0	
Stations and Office Furniture	77 14 10	
		667 9 10
Establishment—Direction	174 0 10	
Engineering	26,249 5 10	
Stores	824 12 0	
Audit and Accounts	312 12 10	
		27,560 15 6
Total expenditure for half-year at 15·8599*d.* per Rupee	£3,385 18 10	
Add difference of exchange on Expenditure for half-year ending 30th June 1898 between 15·2769*d.* and 15·3485*d.* per Rupee	„ 10 12 10	
Total expenditure for half-year as per Account No. 4a	£3,396 11 8	51,237 12 0
Arcot-Ranipet Branch.		
Preliminary Expenses—Survey Expenses	4 11 10	
Plant	7 4 3	
		12 0 1
Construction of Line—Earthwork	23,905 10 5	
Bridge work—		
Minor Bridges	16,940 15 4	
Level Crossings	2,426 6 5	
Fencing	195 5 7	
		43,528 5 9
Ballast and Permanent Way—Ballasting	654 3 3	
Permanent Way	81,000 10 11	
		81,654 14 2
Stations and Buildings—Stations and Offices	7,863 4 3	
Staff Quarters	1,963 2 1	
Station Machinery	5,809 5 11	
		15,635 12 3
Electric Telegraph	....	3 4 6
Plant—Engineering	1,219 1 6	
Stations and Office Furniture	671 11 8	
		1,890 13 2
Establishment—Direction	Cr. 62 12 10	
Engineering	5,553 15 8	
Stores	299 13 8	
		5,791 0 6
Total expenditure for half-year at 15·8599*d.* per Rupee	£3,516 7 3	1,48,546 2 5
Add difference of exchange on expenditure for half-year ending 30th June 1898 between 15·2769*d.* and 15·3485*d.* per Rupee	„ 15 15 11	
Total expenditure for half-year as per Account No. 4a	£3,532 3 2	1,93,783 14 5

No. VI.

ESTIMATE OF FURTHER EXPENDITURE ON CAPITAL ACCOUNT.

	Total Expenditure from commencement of operations to 31st December 1898.	Further Expenditure: During the Half-year ending 30th June 1899.	Further Expenditure: In subsequent Half-years.	Total.
	Rs. 10,38,96,187	Rs.	Rs.	Rs.
Lines opened for Traffic more than two years—				
Engineering Department	...	2,33,738	...	2,33,738
Telegraph do.	...	4,826	...	4,826
Traffic do.	...	2,200	...	2,200
Lines opened for Traffic less than two years	...	...	...	...
Lines in course of construction—				
Extension of line from Arcot to Ranipet	2,01,485	70,000	38,103	1,08,103
Do. Calicut to Cannanore	1,37,549	5,00,000	67,37,451	72,37,451
Working Stock—	1,56,66,488			
Gas-making plant, lamps and fittings	...	9,850	...	9,850
Two composite bogie, 17 IIIrd class, 2 IIIrd class with brakes, and 2 ordinary brake vans	...	3,621	...	3,621
Forty-six IIIrd class carriages	...	...	...	...
Five bogie Ist, IInd and IIIrd and 5 bogie IIIrd class carriages.	...	75,000	...	75,000
Converting 7 IInd class carriages into composites ...	...	12,120	...	12,120
Fitting 10 engines and 50 carriages with automatic vacuum brake.	...	842	...	842
Do. 4 do. do. do. ...	..	2,216	...	2,216
Do. 6 do. 200 do. do. ...	...	62,907	...	62,907
Do. 200 carriages do. do. ...	...	25,000	...	25,000
Six oil tank wagons	...	4,000	...	4,000
Six Erhardt's weighing machines	...	3,030	...	3,030
One planing machine	...	6,270	...	6,270
Two double horse boxes	...	4,500	...	4,500
Converting 76 existing single bolster timber trucks into 38 twin timber trucks.	...	1,520	...	1,520
Rupees ...	11,99,01,709	...	...	...
Total estimated further expenditure of Capital Rupees...	...	10,21,640	67,75,554	77,97,194

No. VII.

CAPITAL POWERS AND OTHER ASSETS AVAILABLE TO MEET FURTHER EXPENDITURE AS PER ACCOUNT No. VI.

	£	£ s. d.
Share and Loan Capital authorised or created but not yet received—		
Share (No. II) Calls in arrear	.....	
Amount uncalled	.....	
Loans (No. III)—		.....
Available borrowing powers		2,421,210 0 0
Capital Account—Balance at credit thereof (No. 4)	214,313 13 9	.....
Less—Cash Balance at debit (No. 4)	11,367 7 10	202,976 5 11
	Total ...	2,624,186 5 11

No. VIII.

MADRAS RAILWAY COMPANY.

REVENUE ACCOUNT for the Half-year ending 31st December 1898.

Dr. EXPENDITURE. **Cr.** EARNINGS.

Half-year ending 31st December 1897.	Per cent. on Gross Receipts.			Half-year ending 31st December 1898.	Abstract.
Rs. a. p.	Rs.			Rs. a. p.	
6,27,504 2 6	11·05	To Maintenance of Way, Works and Stations.	A	7,03,740 13 10	
10,79,083 13 1	19·01	„ Locomotive expenses	B	10,55,341 12 10	
3,11,837 6 6	5·49	„ Carriage and Wagon expenses	C	2,35,058 1 8	
4,21,154 7 7	7·42	„ Traffic expenses	D	4,29,914 6 11	
2,82,810 15 11	4·98	„ General charges	E	2,72,281 2 10	
Nil.	...	„ Steam Boat service	F	Nil.	
41,229 5 4	·73	„ Special and Miscellaneous expenditure ...	G	44,304 7 7	
27,63,220 4 11	48·68			27,40,730 13 8	
29,12,531 4 5	51·32	„ Balance Net earnings		23,45,016 1 5	
56,75,751 9 4	100·00		Total ...	50,85,746 15 1	...

Details of outstandings, 8th February 1899.

Due by	Amount. Rs. a. p.
Government	1,882 0 3
Traffic Department	7,289 6 11
Other Railways, ...	9,683 12 2
Total ...	18,865 3 4

LOUIS S. MOSS,
Agent and Manager.

Details of outstandings, 8th February 1899.

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Government	1,882 0 3
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Other Railways, ...	9,683 12 2
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LOUIS S. MOSS,
Agent and Manager.

Passed subject to any re-adjustments found necessary on the terms for working the Kolar Gold Fields Railway being finally settled.

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

F. DUNSTERVILLE,
Chief Auditor.

Passed subject to any re-adjustments found necessary on the terms for working the Kolar Gold Fields Railway being finally settled.

F. G. HEAVEN,
Examiner of Railway Accounts.

MADRAS,
8th March 1899.

No. IX.

ABSTRACT A.

Maintenance of Way, Works and Stations.

DECEMBER 1897. — DECEMBER 1898.

Amount. Rs. a. p.	Rs. a. p.		Amount. Rs. a. p.	Rs. a. p.
51,294 6 0		1st.—*General Superintendence*—		
5,299 15 10		(1)—Engineers' salaries	48,176 15 6	
33,351 15 0		(2)—Allowances of ditto, including travelling ...	3,972 3 6	
1,286 0 4		(3)—Subordinate Superintendents	33,830 14 1	
.....		(4)—Allowances of ditto, including travelling ...	1,504 5 5	
29,132 4 5		(5)—Overtime allowances	.....	
	1,20,364 9 7	(6)—Office expenses	32,986 2 11	
1,52,048 13 7		2nd—*Maintenance & Renewal of Permanent Way*—		1,20,770 9 5
1,41,936 2 9		(1)—Wages	1,47,175 11 9	
	2,93,985 0 4	(2)—Materials	1,81,259 6 11	
28,359 5 6		3rd.—*Repairs of Bridges, &c.—Wages & Materials.*		3,28,435 2 8
23,121 14 8		(1)—Bridges and Tunnels	a 7,546 7 11	
	51,481 4 2	(2)—Miscellaneous, including earth-work, roads, fencing, &c.	26,008 4 11	
.....	.....	3rd (a)—Conservancy of Rivers	.....	33,554 12 10
		4th.—*Repairs of Stations and Buildings—Wages and Materials*—		.....
49,182 7 0		(1)—Repairs of buildings of every description including station-yards and signals, but excepting quarters of the staff... ...	42,557 15 10	
19,029 1 2	68,211 8 2	(2)—Repairs of staff quarters	16,490 12 3	
.....		5th.—*Maintenance by Contract*—	.....	59,048 12 1
.....		(1)—Amount paid to contractors	.....	
.....	.....	(2)—Material supplied by the Company	.....	
	12,585 0 0	6th.—*New Minor Works*—		.....
1,423 2 4		7th.—*Unclassified Expenditure*—		9,421 6 7
4,968 1 7		(1)—Plantations	1,369 13 4	
.....		(2)—Tools and Plant	4,278 6 9	
64,052 3 6		(3)—Loss on Stores, &c.	.....	
25,715 10 1		(4)—Loss by exchange	1,08,733 15 2	
Cr. 175 0 0		(5)—Carriage of Revenue Stores	54,252 7 10	
		(6)—Arcot-Ranipet Survey	.....	
	95,984 1 6			1,68,634 11 1
	6,42,611 7 9			
	7 0 0	Deduct sum chargeable to Fire Insurance Fund ...	.....	7,19,865 6 8
.....	6,42,604 7 9			.....
.....	15,100 5 3	Total ...	.....	7,19,865 6 8
		Do. cost of working Kolar Gold Fields Railway	.....	16,124 8 10
.....	6,27,504 2 6	Total ...	.....	7,03,740 13 10

Mean Mileage maintained by Revenue—

	Departmentally. Ms. Chs. Ft.	By Contract. Ms. Chs. Ft.	Total. Ms. Chs. Ft.
Railway Line { Double	42 32 34½	.....	84 65 3
Railway Line { Single	806 65 30½	.....	806 65 30½
Sidings...	144 68 49	.....	*144 68 49
Total single track, including sidings	.....	.....	†1,036 39 16½
Cost per mile of track, including sidings	.....	.....	Rs. 694·53

a. Includes expenditure on strengthening girder bridges at 313/12 miles, 2nd District ... ... Rs. 569 0 0
Do. do. 248/ 9 " 3rd District ... ... " 284 10 0
Do. do. 248/15 " do. ... ... " 118 3 3
Do. do. 263/ 3 " do. ... ... " 32 10 11
b. Revenue portion of the sanctioned works on the 1st District ... ... " 14,621 4 8
Do. do. 2nd do. ... ... " 2,063 12 11
Do. do. 3rd do. ... ... " 4,030 0 8
Value of stores credited to sub-head 2nd (2) ... ... " 3,158 11 3
Do. do. 3rd (1) ... ... " 2,69,763 8 7
Do. do. 3rd (2) ... ... " 6,554 1 4
Do. do. 4th (1) ... ... " 840 10 1
Do. do. 4th (2) ... ... " 7,062 15 4
Do. do. 6th ... ... " 298 13 0
Do. do. 7th (2) ... ... " 404 11 10
Do. do. ... ... " 201 5 5

* For explanation of the increased sidings, see footnote of the Form No. 13.
† Madras Railway and Kolar Gold Fields Railway.
NOTE.—Maintenance charges of the Madras-Ennore Railway recorded separately and not included in this abstract. The mean mileage worked is also therefore excluded.

ABSTRACT B.

Locomotive Expenses.

DECEMBER 1897 — DECEMBER 1898.

Amount. Rs. a. p.	Rs. a. p.		Amount. Rs. a. p.	Rs. a. p.
17,315 12 2		1st.—*General Superintendence*—		
750 12 1		(1)—Salaries of Superintendents and Assistants.	17,356 13 7	
27,923 3 11		(2)—Allowances of ditto, including travelling ...	712 0 0	
1,979 11 0		(3)—Subordinate Superintendents	30,840 4 11	
...		(4)—Allowances of ditto, including travelling ...	1,730 6 7	
18,372 2 0	66,341 9 2	(5)—Overtime allowances	...	
		(6)—Office expenses	21,235 14 6	71,875 7 7
1,05,533 1 6		2nd.—*Running Expenses (Wages connected with the working of Locomotive Engines)*—		
39,842 15 1		(1)—Wages of Drivers and Firemen	1,02,556 0 11	
		(2)—Overtime allowances	38,733 0 4	
31,143 4 3		(3)—All labour connected with fuelling, cleaning and looking after engines in yards ...	30,809 2 9	
350 2 6	1,79,874 7 4	(4)—Contingent expenses, including clothing and travelling expenses	654 8 10	1,72,743 12 10
		3rd.—*Fuel*—		
		1897. 1898.		
2,53,709 0 2		ons 18,41[illegible] (1) Coal ... Tons 18,986 224/2240	2,60,643 12 8	
...		lo. ... (2) Coke ... do. ...	...	
364 8 7		lo. 17[illegible] (3) Patent Fuel ... do. 12 1120/2240	265 6 9	
2,13,842 7 6	4,67,916 0 3	lo. 44,924[illegible] (4) Wood ... do. 44,559 720/2240	2,12,102 8 3	4,73,011 11 8
...	17,142 13 9	4th.—*Water (including Wages and Stores)*	...	18,363 14 1
...	26,318 13 5	5th.—*Oil, Tallow and other Stores (expended on Engines in work)*	...	26,281 14 8
1,27,115 8 3		6th.—*Maintenance and Renewals of Locomotive Engines*—		
5,938 9 10		(1)—Wages	1,16,077 3 4	
1,25,404 1 4	2,58,518 3 5	(2)—Overtime allowances	6,407 12 6	
		(3)—Materials	1,42,240 6 7	2,65,325 6 5
3,667 5 8		6th (a)—*Maintenance and Renewals of Machinery, Tools and Plant*—		
1,253 14 1		(1)—Wages	3,593 5 2	
3,141 14 9	8,063 2 6	(2)—Overtime allowances	772 13 6	
...	...	(3)—Materials	2,801 13 8	7,168 0 4
		7th.—*New Minor Works*	...	534 9 3
...	...	8th.—*Payments to other Lines*—		
		(1)—For haulage of Trains	...	
...	...	9th.—*Unclassified Expenditure*—		
44,486 7 3		(1)—Loss on Stores, &c.	...	
37,956 6 7	82,442 13 10	(2)—Loss by Exchange	28,188 8 0	
	11,06,617 15 8	(3)—Carriage of Revenue Stores	32,429 0 0	60,617 8 0
	...	Total ..	...	10,95,922 4 10
	11,06,617 15 8	Deduct sum chargeable to Fire Insurance Fund ...	...	12,349 2 6
21,953 5 3				10,83,573 2 4
5,580 11 4	27,534 0 7	Deduct cost of working Kolar Gold Fields Railway ...	24,463 9 2	
	10,79,083 15 1	Do. do. Madras-Ennore line ...	3,767 12 4	28,231 5 6
		Total ...	...	10,55,341 12 10

Value of stores credited to sub-head 4th ... ... Rs. 26 5 5
Do. do. 5th ... ... " 111 12 5
Do. do. 6th ... ... " 36,228 3 7
Do. do. 6th a ... ... " 586 11 2

6th Includes cost of 4 new Locomotive Boilers, &c.

ABSTRACT C.

Carriage and Wagon Expenses.

DECEMBER 1897.			DECEMBER 1898.		
Amount.			Amount.		
Rs. a. p.	*Rs. a. p.*		*Rs. a. p.*	*Rs. a. p.*	
		1st.—General Superintendence—			
5,172 3 10		(1)—Salaries of Superintendents and Assistants	4,339 3 5		
224 3 11		(2)—Allowances of ditto, including travelling	173 0 0		
8,310 11 9		(3)—Subordinate Superintendents	7,710 1 0		
591 5 4		(4)—Allowances of ditto, including travelling	432 9 8		
...		(5)—Overtime allowances	...		
5,487 12 9		(6)—Office expenses	5,308 15 10		
	19,816 5 7			17,963 13 11	
		2nd.—Repairs and Renewals of Vehicles—			
		Coaching Vehicles.			
40,966 4 9		(1)—Wages ...	32,078 9 11		
418 15 2		(2)—Overtime ...	879 5 7		
30,367 6 7		(3)—Materials ...	38,137 11 4		
71,752 10 6					
		Goods Vehicles—			
51,962 2 1		(1)—Wages ...	39,014 3 4		
889 8 6		(2)—Overtime ..	1,113 1 6		
1,04,914 1 3		(3)—Materials ...	56,173 2 0		
1,57,765 11 10					
	2,29,518 6 4		96,300 6 4	1,67,396 1 2	
		2nd (a)—Repairs and Renewals of Machinery, Tools and Plant—			
2,590 1 5		(1)—Wages	2,131 5 3		
889 2 7		(2)—Overtime	449 4 3		
3,018 6 10		(3)—Materials	1,741 4 10		
	6,497 10 10			4,321 14 4	
		3rd.—Cleaning Carriages and Wagons and Oiling—			
20,102 0 5		(1)—Labour, including wages of Oilers, Carriage Cleaners and Examiners	19,756 12 10		
17,885 10 3		(2)—Stores, including oil, grease, and other stores for consumption on running vehicles ...	14,831 1 10		
...			...		
	37,987 10 8			34,587 14 8	
		4th.—New Minor Works	...		
		5th.—Unclassified Expenditure—			
23,686 7 8		(1)—Loss on Stores, &c.	...		
1,942 1 0		(2)—Loss by Exchange	15,561 12 5		
	25,628 8 8	(3)—Carriage of Revenue Stores	1,436 14 0		
...				16,998 10 5	
...	3,19,448 10 1	Total ...	...	2,41,273 6 6	
	...	Deduct sum chargeable to Fire Insurance Fund ..	...	...	
	3,19,448 10 1			2,41,273 6 6	
6,450 3 10		Do. cost of working Kolar Gold Fields Railway..	5,385 12 10		
1,610 15 9	8,061 3 7	Do. do. Madras-Ennore line ...	829 8 0	6,215 4 10	
.....	3,11,387 6 5	Total ...	.....	2,35,058 1 8	

Value of stores credited to sub-head 2nd Coaching Vehicles (3) ... ... Rs. 4,389 10 5
Do. do. 2nd Goods ... ...

ABSTRACT E.

General Charges.

DECEMBER 1897. — DECEMBER 1898.

Amount. Rs. a. p.	Rs. a. p.		Amount. Rs. a. p.	Rs. a. p.
28,482 13 11		1st.—*Home Expenditure*—		
		(1)—Directors and Secretary, or Managing Director	28,579 3 6	
7,930 12 3		(2)—Auditors and Accountants		
...	36,413 10 2	(3)—Consulting Engr. and Inspecting Officers' fees and travelling allowances ...	4,715 2 2	
		(4)—Office expenses	...	
		2nd.—*Salaries of Indian Management, including Offices.*		33,294 5 8

	Salaries. Rs. A. P.	Travelling Allowances. Rs. A. P.	Contingencies. Rs. A. P.		
(1)—Agent's Office	27,127 7 3	615 2 0	9 4 0	27,751 13 3	
(2)—Auditor's ,, (3)—Accounts' ,, (4)—Cash ,,	70,026 1 10	2,260 8 2	482 8 9	72,769 3 4	
(5)—Stores Dept.	11,957 14 7	145 15 0	...	12,103 13 7	
(6)—Medical ,, ..	14,430 5 8	493 13 0	480 0 0	15,404 2 8	

30,402 8 5		(7)—Rents of buildings and lands	...
		(8)—Furniture, fittings, and other miscellaneous expenses	...
75,049 9 4		(9)—Printing and Stationery	3,889 15 11
10,950 8 8		(10)—Medicine and contributions to Hospitals ...	4,752 6 9
15,159 5 9		3rd.—*Police*—	426 8 5
...		(1)—Supervision	6,233 15 3
3,656 6 11		(2)—Constables	10,385 12 0
3,929 6 0		(3)—Contingencies	2,709 3 1
1,890 8 3	1,41,068 5 1	4th.—*Advertising* (*All Advertisements of all Departments*)	...
6,157 12 8		5th.—*Electric Telegraph*—	
10,166 2 7		(1)—Salaries of Superintendents and Assistants	9,486 14 5
2,576 4 10	19,200 1 1	(2)—Signallers	36,371 4 3
...	3,259 7 3	(3)—Travelling expenses	987 14 1
		(4)—Office expenses, contingencies, &c. ...	1,437 11 1
10,211 15 9		(5)—Maintenance, wages and stores	22,549 2 10
35,740 8 8		(6)—Government Telegraph Department for rent, maintenance and inspection	894 11 10
1,051 8 0		6th.—*Clearing accounts with other lines*	...
1,596 12 0		7th.—*Unclassified Expenditure*—	
21,093 0 3		(1)—Loss on Stores, &c.	...
894 11 10		(2)—Expenses connected with fire-engines ..	4,960 5 3
...	70,588 8 6	(3)—Loss by exchange	13,877 10 0
...	...	(4)—Carriage of Revenue Stores	1,137 11 4
4,828 8 1			
18,492 1 4			
935 14 5			
	24,256 7 10		
...	2,94,756 11 2	Total ...	...
...	4,928 8 1	Deduct sum chargeable to Fire Insurance Fund ...	...
	2,89,928 3 1		...
5,600 11 8		Do. cost of working Kolar Gold Fields Railway.	6,352 5 3
1,486 7 6	7,087 3 2	Do. do. Madras-Ennore Line ...	978 5 8
...	2,82,840 15 11	Total ...	

1,37,097 15 11

19,328 14 4
3,147 10 0

71,727 10 6
...

19,975 10 7

2,84,572 3 0
4,960 5 3
2,79,611 13 9

7,330 10 11

2,72,281 2 10

Value of stores credited to Sub-head 5th (5) ... ... Rs. 209-0-11.

ABSTRACT G.

Special and Miscellaneous Expenditure.

DECEMBER 1897. — DECEMBER 1898.

Amount. Rs. a. p.	Rs. a. p.		Amount. Rs. a. p.	Rs. a. p.
...	869 5 10	1st.—*Law Charges*	...	1,422 2 5
		2nd.—*Compensation*—		
1,734 0 10		(1)—For goods lost or damaged	3,063 2 10	
...		(2)—For personal injury	...	
...	1,730 0 10	(3)—For other claims	...	3,063 2 10
...	11,810 14 7	3rd.—*Rates and Taxes* (including Municipal Water Rates)	...	11,904 13 1
		4th.—*Payments to other lines*—		

1897. Rs. A. P.		1898. Rs. A. P.		
....	(1)—Hire of Locomotives	Gross Charges ..... ,, Receipts	...	...
57 10 0 99 3 9	(2)—Hire of Vehicles.	Gross Charges ..... ,, Receipts	...	...
33 6 3				
....	(3)—Mileage & Demurrage of Foreign Stock	Gross Charges 31,179 7 0 ,, Receipts 30,646 10 0		532 13 0
...				
....	(4)—Rent of Stations, &c., jointly occupied.	Gross Charges ..... ,, Receipts	...	...
...				
....	(5)—Shunting at joint stations	Gross Charges ..... ,, Receipts	...	...
...	33 6 3			
...	...	5th.—*Prizes for Station Gardens, &c.*	...	532 13 6 600 0 0
		6th.—*Contributions to*—		
...	20,837 15 1	(1)—Railway Provident Institution	...	*19,792 2 4
		7th.—*Miscellaneous*—		
...		(1)—Loss on light coins	...	
...		(2)—Bridge Toll Collection Establishment, &c...	...	
1,911 11 10		(3)—Conservancy...	1,820 4 11	
52 8 0		(4)—Loss by Exchange	87 2 7	
5,291 1 10		(5)—Railway Schools	6,065 11 2	
...		(6)—Locomotive School	...	
4 14 7		(7)—Commission and Stamp duty on Debentures.	...	
		(8)—Grant to employés for passing in the Vernacular	300 0 0	
...	7,220 4 3	Total ...	...	45,588 4 4
...	42,554 14 10	Deduct sum chargeable to Fire Insurance Fund ...	...	19 7 0
...	532 6 6			
	42,022 8 4			45,568 13 4
558 9 3		Do. cost of working Kolar Gold Fields Railway..	1,017 10 1	
614 9 9	1,623 3 6	Do. do Madras-Ennore line ...	156 11 8	1,174 5 9
...	41,229 5 4	Total ...	...	44,394 7 7

* Madras Railway Share ... ... Rs. 19,282 4 10
Kolar Gold Fields Railway Share ... ,, 441 12 10
Madras-Ennore Railway do. ... ,, 68 0 8
19,792 2 4

No. X.

ABSTRACT H.

Coaching Traffic.

DECEMBER 1897. DECEMBER 1898.

Amount.	Tariff Mileage Fares. Single Return	First Class. Rs. 0 1 0 — No.	First Class. Rs. 0 1 0 — Amount.	Second Class. Rs. 0 0 6 — No.	Second Class. Rs. 0 0 6 — Amount.	Third Class. Day Rs. 0 0 2 Mail „ 0 0 2½ — No.	Third Class. Day Rs. 0 0 2 Mail „ 0 0 2½ — Amount.	Total. No.	Total. Amount.
Rs. a. p.			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
18,17,124 8 0	1st—*Passengers*—								
6,918 13 3	Single journeys...	9,254	83,896 13 11	29,956	91,107 0 5	3,359,890½	12,26,817 4 7	3,399,100½	14,01,821 2 11
7,657 1 0	Excess fares ...	*Nil.*	2,028 13 9	*Nil.*	996 3 4	*Nil.*	3,724 2 9	*Nil.*	6,749 3 10
78,292 5 5	Return journeys.	164	1,887 5 0	332	1,860 14 0	26,371	6,789 14 0	26,867	10,538 1 0
	Troops and Police	521	5,858 7 3	4,604½	18,306 3 5	27,155	37,379 0 4	32,280½	61,543 11 0
	Total...	9,939	93,671 7 11	34,892½	1,12,270 5 2	3,413,416½	12,74,710 5 8	3,458,248	14,80,652 2 9
15,09,961 12 8	*Corresponding period of* 1897 ...	9,343	86,345 3 0	37,545	1,21,914 6 0	4,653,021	17,01,642 3 0	4,699,909½	...
...	Season Tickets *...	12	544 12 9	103	2,017 1 10	1,392	2,244 9 0	1,507	4,806 8 1
13,773 9 5	*Corresponding period of* 1897 ...	26	2,684 3 3	161	4,966 5 1	1,650	6,123 1 1	1,837	...
164,361,696	Passenger Miles ...	1,578,004		4,292,791		115,867,564		121,738,359	
62,788 6 4	2nd.—*Passengers' Luggage* ... ... Ton-miles....							132,357	57,607 2 0
24,297 5 3	3rd.—*Military Baggage* ... ... „							47,505	8,619 1 8
7,784 2 9	4th.—*Carriages, Horses, Dogs, &c.*—								
22,904 6 1	(1)—Carriages ... ... No.							217	7,619 8 0
2,718 5 11	(2)—Horses ... ... „							1,089	20,503 4 2
	(3)—Dogs, &c. ... ... „							2,608	2,928 11 0
...	5th.—*Military Carriages, Horses, &c.*—								
4,589 14 6	(1)—Carriages ... ... „							1	61 8 0
44 4 6	(2)—Horses ... ... „							130	3,316 11 0
	(3)—Dogs, &c. ... ... „							107	59 9 4
	6th.—*Parcels*—								
1,60,622 9 6	(1)—For the Public ... ... Ton-miles.							1,047,228	1,40,251 13 0
3,369 13 4	(2)—For Revenue ... ... „							34,518	3,178 15 3
366 9 6	7th.—*Special Trains* ... ... Train-miles.							879	2,570 0 0
379 8 6	8th.—*Miscellaneous*...							...	1,420 0 9
	9th.—*Post Office*—								
24,315 8 7	(1)—Haulage and hire of Post Office Vehicles ... { Number of Vehicles ... .. / Mileage of „ ... .. }							...	21,469 15 3
...	(2)—Special Trains ... ... Train-miles ..							...	...
...	(3)—Parcels ... ... Ton-miles ...							...	...
22,47,822 10 3	Total ...							...	17,67,074 14 3
...	Less outstandings irrecoverable								...
22,47,822 10 3	Total ..							...	17,67,074 14 3

* Season Tickets, 1st Class (reckoned at the rate of 40 Single Journey Passengers per month) 12 Tickets equal 560
Do. 2nd Class (do. do. do.) 103 do. 8,720
Do. 3rd Class (do. do. do.) 1,392 do. 168,600

ABSTRACT I.

Goods' Traffic.

DECEMBER 1897. DECEMBER 1898.

Amount.		Number of tons lifted.	Average Rate per ton per mile.	Ton-miles.	Amount.
Rs. a. p.			Pies.		Rs. a. p.
20,10,463 14 0	1st.—*Merchandise, General*	371,348	9·65	53,405,119	26,84,124 3 7
35,235 2 0	2nd.—*Military Stores*	954	28·10	259,519	37,982 15 0
870 11 0	3rd.—*Railway Materials for Construction*...	1,887	6·04	172,459	5,423 2 6
20,46,570 2 0	Total....	374,189	9·73	53,837,097	27,27,530 4 7
	4th.—*Coal*—				
2,51,230 7 0	(1)—For the Public	99,459	4·26	17,169,650	3,80,745 0 0
...	(2)—For the Company (Construction only)	...	...	...	...
23,373 0 0	(3)—For Locomotive Department (Revenue only)	6,902	3·88	855,607	17,279 1 1
37 10 0	(4)—For other Departments	101	4·13	5,638	121 6 0
2,74,641 1 0	Total Coal...	106,462	4·24	18,030,895	3,98,145 7 1
	5th.—*Revenue Stores*—				
30,183 14 5	(1)—For all Departments excepting Coal and Locomotive Fuel ...	73,297	4·20	2,614,365	57,131 12 8
11,334 9 0	(2)—Wood and patent fuel for Locomotive Department	27,364	3·95	604,637	12,433 12 9
41,518 7 5	Total...	100,661	4·15	3,219,002	69,565 9 5
32,62,779 10 5	Total Goods...	581,312	8·17	75,086,994	31,95,241 5 1
				No.	
	6th.—*Live Stock*—				
3,353 11 0	(1)—Horses			676	3,684 0 0
4,192 8 6	(2)—Cattle			1,644	4,420 6 0
2,351 3 3	(3)—Sheep, &c.			8,591	2,346 7 0
9,902 6 9	Total...			10,911	10,450 13 0
	7th.—*Military Live Stock*—				
9,686 6 6	(1)—Horses			167	1,918 11 8
...	(2)—Cattle			...	...
...	(3)—Sheep, &c.			...	...
9,686 6 6	Total...			167	1,918 11 8
7,024 8 9	8th.—*Rents and Demurrage, Wharfage, Storage, &c.*			...	6,861 9 8
...	9th.—*Interest on outstanding Bills*			...	...
4,043 10 4	10th.—*Miscellaneous*			...	4,335 5 4
32,93,436 10 9	Total...			...	32,18,807 12 9
...	Less outstandings irrecoverable			...	...
32,93,436 10 9	Total...			...	32,18,807 12 9

Coal, Tons 99,459, Rs. 3,80,745—*Vide* Consulting Engineer's letter, No. 942, dated 30th September 1891.
Coke *Nil.* *Nil.* — „ „ „ „

ABSTRACT K.

Sundries.

DECEMBER 1897. — DECEMBER 1898.

Amount.		1897.		1898.	Amount.
Rs. a. p.		Rs. A. P.		Rs. A. P.	Rs. a. p.
1,704 1 4	Hire of Locomotives...	1,704 1 4	Gross Receipts	2,695 4 0	
.....		.....	„ Charges	...	2,695 4 0
.....	Hire of Vehicles ...	.....	Gross Receipts	10,411 0 0	
			„ Charges	...	10,411 0 0
27,960 8 0	Mileage and Demurrage of Vehicles over Foreign lines	51,705 13 0	Gross Receipts	...	
		24,819 5 0	„ Charges	...	.....
17,720 9 6	Rent of Stations, &c., jointly occupied.	24,837 11 6	Gross Receipts	22,615 0 10	
		6,517 1 6	„ Charges	11,874 0 10	10,741 0 0
.....	Shunting at joint stations	.....	Gross Receipts	...	
.....		.....	„ Charges	...	.....
.....	Clearing accounts with other Lines...				.....
.....	Tolls on Bridges ...				.....
28,750 8 10	Rents of Dwelling-houses ...				.....
12,695 15 11	Rents of Refreshment-rooms ...				29,311 1 1
1,973 0 5	Fees on Share transfers, &c. ...				12,292 13 1
18,915 2 10	Profits of Workshops for work done for State Railways, &c...				1,795 5 10
1,495 4 6	Sale of unclaimed and damaged goods...				1,570 4 8
896 1 4	Unpaid or unclaimed salaries ...				2,178 14 6
					884 6 2
		1897.	Sale of Revenue Stores—	1898.	
		Rs. A. P.		Rs. A. P.	
		826 4 5	1.—Maintenance	521 12 10	
		5,255 14 2	2.—Locomotive ...	5,008 10 2	
		.....	3.—Carriage and Wagon ...	...	
		292 1 3	4.—Traffic ...	...	
		626 10 6	5.—General ...	132 9 3	
			...	810 9 9	
6,350 11 4	Miscellaneous Receipts ...				6,473 10 0
4,944 12 6	From K. G. F. Railway for use of Rolling Stock ...				7,132 0 5
5,169 15 3	„ Madras-Ennore line do ...				4,898 3 10
1,161 8 3					892 13 6
1,24,723 0 10				Total ...	91,276 13 1
.....	Less outstandings irrecoverable ...				.....
1,24,723 0 10				Total ...	91,276 13 1

No. XI.

FIRE INSURANCE FUND.

	Rs. a. p.	Rs. a. p.		Rs. a. p.
To Amount paid for loss by fire, &c., as per Revenue Account, Abstracts B, D, E and G., *viz.*:—	Rs. a. p.		By Balance in hand at 1st July 1898 ...	3,55,406 11 7
Cost and Labour incurred in extinguishing fire in coal stacks at Raichur ...	12,349 2 6			
Tarpaulins	120 10 0			
Equipment of fire engines...	4,960 5 3		„ Interest on Government Paper less debits for commission, &c. ...	5,859 1 2
Sundry claims	19 7 0			
	17,449 8 9			
To loss between the buying and selling prices of the Government Pro-notes amounting to Rs. 12,000.	997 8 0			
		18,447 0 9		
To Balance on 31st December 1898, *viz.*, invested in the purchase of Rs. 3,27,000 Government Paper... ...3,43,046 0 2				
Cash	2,703 6 2			
		3,45,749 6 2		
		3,64,196 7 1		
Deduct amount charged above but unpaid at 31st December 1898		2,930 10 4		
Total...		3,61,265 12 9	Total...	3,61,265 12 9

STATEMENT OF ROLLING-STOCK FOR HALF-YEAR ENDING 31st DECEMBER 1898.

	DESCRIPTION.	1 Total stock authorized.	2 Total stock constructed against authorization up to the last day of the previous half-year.	3 Additions to stock during the half-year.	4 Reduction of stock.	5 Total stock on the list at end of the half-year.	6 Actual stock in running order on the last day of the half-year.	Repairs and Renewals. 7 Number of vehicles repaired during the half-year.	8 Number of vehicles renewed during the half-year.	9 Number of vehicles undergoing or awaiting repairs on the last day of the half-year.	10 Number of vehicles undergoing or awaiting renewals on the last day of the half-year.	11 Average number undergoing repairs and renewals at any one time.	12 Stock condemned in this and previous half-years, awaiting replacement.	13 Average carrying capacity of each description of vehicles.
Engines.	Passenger and Mail ...	168	41	...	...	41	134	30	...	34	...	11	...	...
	Mixed ...		40	...	...	40						5	...	..
	Goods ...		69	...	...	69						17	...	...
	Tank ...		18	...	...	18						4	...	...
	Total...	168	168	...	...	168	134	30	...	34	...	37	...	...
Coaching Vehicles.	Saloon, State ...	2	2	...	...	*c* 2	2	3	...	...	...	...	...	4·00
	1st Class Carriages including Saloons ...	32	32	...	...	*d* 32	29	61	...	3	...	4	...	8·00
	Inspection Carriages	3	3	...	...	*d* 3	3	5	...	...	*e* 1	1	...	3·00
	Composites 1st and 2nd Class Carriages.													
	Ordinary, Sleeping	*a* 46	39	...	...	39	39	51	...	5	...	3	...	14·00
	Do. do. do. Day...	5	5	...	...	5					...		...	26·00
	Do.	8	...	*f* 1	...	1	1	7	...	...	...	..	...	...
	Composite 1st, 2nd and 3rd Class Bogie ...	*a* 63	70	...	...	70	66	67	...	3	1	5	...	22·50
	2nd Class Carriages, ordinary		358	...	...	*g* 358	352	456	...	25	9	33	...	51·72
	3rd Class Carriages without brakes, ordinary		28	...	...	28								55·00
	Do. do. do. Ambulance	422	7	...	...	7	7	...	...	...	...	1	...	30·00
	Do. and Postal Vans, ordinary ..		8	...	...	8	5	6	...	...	3	1	...	42·50
	Do. Carriages with brakes, ordinary	5	...	...	...	...	...	...	...	...	...	...	...	...
	Do. „ long bogie	9	9	...	...	9	9	16	...	...	1	1	...	3·25
	Postal Vans	21	21	...	...	21	20	17	...	...	1	1	...	6·00
	Carriage Trucks	46	46	...	...	46	44	54	...	2	..	5	...	3·00
	Horse Boxes	24	24	...	...	24	21	21	...	3	...	3	...	6·00
	Luggage Vans (Baggage Vans)													
	Total...	686	652	1	...	653	598	764	...	41	15	58	...	...
Goods Vehicles.	Covered Goods Wagons, ordinary, Iron ...	400	395	...	...	395	381	229	...	14	...	46	5	11·75
	Do. do. do. Wooden...	1,086	1,080	*b* 6	..	1,086	1,060	692	6	24	2		...	12·00
	High Sided Wagons, ordinary, Iron, 16 Tons...	50	50	...	...	*h* 50	47	1	...	3	...	1	...	6·00
	Do. do. do. Wooden, 10 Tons...	800	800	...	...	800	785	458	...	12	3	27	...	18·50
	Do. do. do. do. 8 Tons...	...	8	...	...	8	8	...	...	...	...	...	...	12·00
	Low Sided do. do. do.	191	191	...	...	191	190	20	1	..	1	...	...	10·00
	Coal or Coke do.	130	60	...	...	60	89	6	...	4	37	4	...	12·00
	Fuel Trucks		70	...	...	70		22	...	...				6·00
	Cattle Wagons	50	50	...	...	50	44	31	...	2	4	1	...	7·00
	Platform Wagons	3	3	...	...	*j* 3	3	3	...	...	...	...	...	6·33
	Powder Vans	4	4	...	...	4	4	1	...	...	...	...	...	20·00
	Tool or Accident Vans	12	12	...	...	12	10	3	...	...	2	...	...	12·00
	Timber Trucks, Wooden, double bolster ...	175	60	...	...	60	171	124	...	...	...	5	...	7·50
	Do. do. do. single do. .		115	...	...	115				3	1	3	...	6·50
	Rail Trucks	50	50	...	...	*k* 50	48	49	...	...	...	4	...	12·00
	Do. ... ... 12 Tons ..	20	20	...	...	20				2	20	...	...	10·00
	Travelling Oil Tanks	*n* 18	12	...	...	12	11	10	...	1	...	1	...	18·00
	Do. Water do.	4	4	...	..	4	4	...	...	...	...	...	...	12·00
	Do. Cranes	7	7	...	...	*k* 7	6	4	...	1	...	4	..	11·50
														5·75
														15·00
														10·00
														3·00
	Brake Vans	*l* 177	177	...	...	*m* 177	163	193	...	12	2	13	...	8·00
														4·79
	Trucks to carry gas holders	5	5	...	...	5	5	1	...	...	...	...	...	...
	Support Wagon for 15 Tons Travelling Crane	1	1	...	...	1	1	...	...	...	...	...	...	..
	Total...	3,183	3,174	6	...	3,180	3,030	1,856	7	78	72	109	5	...

The particulars of Composite Carriages are as follows :—

	1st Class.	2nd Class.	3rd Class.
44 Carriages ..	½	½	0

The following Carriages have been fitted up for the accommodation of the Post Office :—
9 Post Office-vans, 27 feet long.
7 Third-class Composites, each ½ of a Carriage.

a. *Vide* G.O., No. 939 Ry., dated 18th July 1898.
b. G.O., No. 561 Ry., dated 17th May 1889. The eight 8 ton wagons in excess of sanction will be broken up as the vehicles pass through the Workshops.
c. These are six-wheeled vehicles.
d. One of these is six-wheeled.
e. This renewal is in place of one of the vehicles shewn in column 5 which will be condemned.
f. G.O., No. 136 R., dated 18th February 1896.
g. Twenty-five of these are converted second class carriages of an obsolete type and are only a temporary addition to stock.—Consulting Engineer's letter, No. 60, dated 29th January 1886.
h. These are six-wheeled vehicles.
j. One of these is eight-wheeled.
k. Three of these are six-wheeled.
l. Temporary increase of 4—G.O., No. 461 R., dated 12th July 1895,—reduced by 1 vehicle broken up last half-year. Three only are a temporary addition to stock.
m. Twenty of these are six-wheeled.
n. G.O., No. 1133 Ry., dated 13th September 1898.

STATEMENT SHEWING THE ROLLING-STOCK INCLUDED IN COLUMN 5 ABOVE WHICH IS ADAPTED FOR MILITARY PURPOSES.

| | | |

DR. **No. XVII.—NET REVENUE ACCOUNT.** CR.

		Rs. A. P.		Rs. A. P.
To Guaranteed interest repayable to Secretary of State for the half-year as under:—			By net profits of the half-year as per Form No. VIII. ...	23,45,016 1 5
On Subscribed Capital.				
£ 8,757,670 at 5 per cent. Stock ...	£ 218,941 15 0		By Balance being net amount carried to the guaranteed interest account.	6,02,069 7 4
£ 999,960 at 4¾ „ „ ...	„ 23,749 1 0			
£ 500,000 at 4½ „ „ ...	„ 11,250 0 0			
	253,940 16 0			
On Debentures.				
£ 100,000 at 3½ per cent.	£ 1,625 0 0			
£ 332,700 at 3 „ ...	„ 4,990 10 0			
£ 60,000 at 2¾ „ ...	„ 825 0 0			
£ 405,300 at 2½ „ ...	„ 5,066 5 0			
	12,506 15 0			
	£ 266,447 11 0	29,06,700 8 9		
Contribution to Provident Institution under revised rules.		40,385 0 0		
TOTAL Rs.		29,47,085 8 9	TOTAL Rs.	29,47,085 8 9

DR. **No. XVIIa.—NET REVENUE ACCOUNT.** CR.

	Rs. A. P.		Rs. A. P.
To Guaranteed interest (Gross) due and payable, but not received in respect of		By balance	18,915 10 1
CALICUT-CANNANORE EXTENSION.			
On Debentures.			
†£ 100,000 at 2½ per cent. £ 1,250 at 15·8599 *d.* per rupee.	18,915 10 1		
Total Rs.	18,915 10 1	Total Rs.	18,915 10 1

† Interest payable 1st May and 1st November in each year.

DR. **No. XVIII.—CAPITAL BALANCE SHEET.** CR.

	Rs. A. P.		Rs A. P.	Rs. A. P.
To GOVT. OF INDIA CAPITAL ACCOUNT ...	4,30,07,989 5 2	**Construction Accounts.**		
„ LONDON OFFICE HOME PAYMENTS ACCOUNT	57,05,101 8 5	By LINE OPEN FOR TRAFFIC...		10,38,96,186 14 10
„ LONDON OFFICE STORE ACCOUNT	7,31,87,878 15 7	Preliminary Expenses	1,03,912 11 7	
„ Stores Purchase Account...	99,057 1 11	Construction of Line	1,93,84,408 14 7	
Suspense Accounts.		Brickwork and Masonry	1,82,05 715 12 2	
To Refunds to Government ... 13,613 9 3		Additional Works...	11,90,365 4 9	
„ Cheques Payable Capital... 5,434 8 7		Ballast and Permanent Way	3,94,56,624 8 1	
	21,078 1 10	Stations and Buildings	1,02,14,979 7 8	
		Electric Telegraph	11 62,153 7 8	
		Plant	12,17,191 4 0	
		Maintenance	4,92,630 4 1	
		Establishment	78,47,908 9 9	
		Contingencies	46,20,987 10 6	
		„ ROLLING STOCK	...	1,56,66,488 1 7
		Store Accounts.		
		By General Store Account	3,13,317 7 3	
		„ Locomotive Store and Workshop Account	11,46,819 5 1	
		„ Engineering Store and Workshop Account ...	7,68,623 11 9	
		„ Telegraph Store and Workshop Account ...	1,25,445 11 7	
		„ Stores in Transitu...	40,085 15 9	
		„ Stores Sales Account	39,195 10 4	
		„ Materials Lost Account	377 12 0	
		„ Traffic Store Account	182 15 6	24,34,048 9 3
		Suspense Accounts.		
		By Cashier	18,514 8 4	
		„ Advance Account...	7,115 0 0	
		„ Government of India Capital Advance Account	2,351 11 8	
		„ Final Location of Shoranur-Cochin Extension	300 3 3	28,281 7 3
TOTAL ...	12,20,25,005 0 11	TOTAL ...		12,20,25,005 0 11

DR. **CALICUT-CANNANORE EXTENSION.** CR.

	Rs. A. P.		Rs. A. P.
To Government of India Capital Account—		**Construction Accounts.**	
„ Calicut-Cannanore Extension... ...	3,25,406 10 9	By Line in course of construction.	3,39,034 2 9
„ London Office Home Payments Accounts—Calicut-Cannanore Extension	13,198 14 9	*Calicut-Cannanore Extension.*	
„ London Office Store Account—Calicut-Cannanore Extension	94,180 6 8	By Preliminary Expenses 68,463 2 1	
Suspense Account.		„ Construction of Line. 22,168 6 1	
„ Government of India Capital Advance Account—Calicut-Cannanore Extension	110 6 8	„ Ballast and Permanent Way 3 6 0	
„ Arcot-Ranipet Branch	80 9 7	„ Stations and Buildings. 870 5 0	
		„ Plant 4,797 15 3	
		„ Establishment ... 41,245 12 3	
		1,37,548 14 8	
		Arcot-Ranipet Branch.	
		By Preliminary Expenses 6,157 5 6	
		„ Construction of Line. 58,161 0 8	
		„ Ballast and Permanent Way 1,08,912 1 9	
		„ Stations and Buildings 16,270 4 3	
		„ Electric Telegraph ... 3 4 6	
		„ Plant 2,416 10 7	
		„ Establishment ... 9,564 8 10	
		2,01,485 4 1	
		Suspense Account.	
		By Calicut-Cannanore Extension. ... 41,877 3 4	
		„ Stores in Transitu ... 52,065 10 4	93,942 13 8
	4,32,977 0 5		4,32,977 0 5

DR. **REVENUE BALANCE SHEET.** CR.

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Government of India Revenue Account	9,314 2 4		By Traffic Cash Account	1,40,899 2 5	
„ Cheques Payable Revenue	65,774 8 0		„ Refreshment Rooms Account ...	9,775 15 10	
„ Revenue Establishment	2,72,087 8 9		„ Cashier	2,29,414 14 4	
„ Income Tax	2,619 5 4		„ Foreign Railways Account	25,373 15 4	
„ Unpaid Salaries and Wages... ...	7,725 4 3		**Special Funds.**		4,05,463 15 11
„ Municipal Tolls collected by the Company	2,007 12 6		By Government of India Special Funds Account	3,88,272 14 0	
„ Railway Schools Account	1,357 2 11		„ Government and other Securities, Madras Railway Provident Institution...	8,71,299 0 0	
„ Government of India Revenue Advance Account	15,799 1 0		„ Bank of Madras, Madras Railway Fire Insurance Funds	2,703 6 2	
„ Kolar Gold Fields Railway... ...	28,212 9 11		„ Government Securities, Madras Railway Fire Insurance Funds ..	3,43,046 0 2	
„ Home Payments Suspense Account.	183 1 3		„ Cashier	50 0 0	
„ General Suspense Account	139 9 0	4,65,220 1 3	„ Government Securities, Employés Guarantee Fund	3,11,866 0 0	
Special Funds.			„ Government Securities, Contractors Security Fund	20,000 0 0	19,37,171 4 4
To Madras Railway Employés Guarantee Fund...	6,21,883 11 1		**Private Funds.**		
„ Madras Railway Contractors Security Fund	78,876 13 9		By Government Securities, Sick and Allowance Fund	79,041 0 0	
„ Madras Railway Provident Institution	8,90,905 3 10		„ Government Securities, Madras Railway Library Association ...	9,450 0 0	
„ Buildings Plant and Stores Fire Insurance Fund	3,07,513 7 10		„ Bank of Madras General Account...	6,249 6 7	
Goods Traffic Fire Insurance Fund..	38,235 14 6	19,37,415 3 0	„ Cashier...	19 14 0	94,760 4 7
Private Funds.					24,37,395 8 10
To Madras Railway Sick and Allowance Fund	83,874 4 10				
„ Madras Railway Library Association	10,885 15 9	94,760 4 7			
		24,37,395 8 10			

ABSTRACT OF RETURNED STORES.

	Rs. A. P.
Balance in hand at the end of the previous half-year	2,66,630 8 9
Add—Value of stores returned to stock during the half-year	5,15,680 4 8
Total...	7,82,310 13 5
Deduct—Value of stores issued or otherwise disposed of during the half-year	4,13,339 2 4
Balance...	3,68,971 11 1

ABSTRACT OF PRINCIPAL COMMODITIES.

DESCRIPTION OF COMMODITY.	Quantity. Second Half of 1897.	Quantity. Second Half of 1898.	Receipts. Second Half of 1897.	Receipts. Second Half of 1898.	Quantity. Increase.	Quantity. Decrease.	Receipts. Increase.	Receipts. Decrease.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
I. Coal & Coke carried for the Public and Foreign Railways ...	66,015	99,459	2,51,280	3,80,745	33,444	...	1,29,465	...
II. Cotton—								
1. Raw	3,913	9,418	59,092	1,14,777	5,505	...	55,685	...
III. Cotton, Manufactured—								
1. Twist and Yarn, European ...	2,479	1,989	36,384	27,108	...	490	...	9,276
2. Do. Indian ...	2,997	2,515	32,378	26,141	...	482	...	6,237
3. Piece Goods, European ...	1,120	951	20,133	17,728	...	169	...	2,405
4. Do. Indian	3,088	2,977	39,810	40,881	...	111	1,071	...
IV. Drugs and Chemicals—								
1. Intoxicating other than Opium	13	6	98	77	...	7	...	21
2. Non-intoxicating—								
(a) Cinchona Bark ...	374	456	3,424	4,247	82	...	823	...
(b) Others	1,416	1,686	13,243	17,297	270	...	4,054	...
V. Dyes and Tans—								
1. Indigo	352	404	4,888	6,924	52	...	2,036	...
2. Myrabolams	1,310	965	8,665	6,433	...	345	...	2,232
3. Cutch	1	3	4	13	2	...	9	...
4. Turmeric	893	975	6,716	7,472	82	...	756	...
5. Aniline Dyes	...	9	3	51	9	...	48	...
6. Others	10,031	6,873	84,348	62,207	...	3,158	...	22,141
VI. Grain and Pulse—								
1. Wheat	864	853	6,556	4,875	...	11	...	1,681
2. Rice in the husk	10,021	9,099	41,434	66,839	...	922	25,405	...
3. Rice not in the husk	41,402	19,986	2,44,052	1,11,727	...	21,416	...	1,32,925
4. Jawar and Bajra	22,442	15,438	1,42,323	1,43,246	...	7,004	923	...
5. Gram and Pulse	20,519	14,917	1,35,214	79,656	...	5,602	...	55,558
6. Others	31,286	32,380	1,88,407	2,50,365	1,094	...	61,958	...
VII. Hides and Skins—								
1. Hides of Cattle—								
(a) Dressed or Tanned ...	1,185	581	12,607	5,558	...	604	...	7,049
(b) Raw	4,890	1,496	61,378	10,702	...	3,394	...	50,676
2. Skins of Sheep, &c.—								
(a) Dressed or Tanned ...	4,074	2,069	59,654	31,056	...	2,005	...	28,598
(b) Raw	9,626	8,840	1,02,330	92,025	...	786	...	10,305
VIII. Horns	63	117	615	1,020	54	...	405	...
IX. Jute—								
1. Raw	30	23	223	250	...	7	27	...
2. Gunny Bags and Cloth ...	3,478	2,369	32,817	22,143	...	1,109	...	10,674
Carried forward ...	243,882	236,854	15,88,676	15,31,563	40,594	47,622	2,82,665	3,39,778

DESCRIPTION OF COMMODITY.	Quantity. Second Half of 1897.	Quantity. Second Half of 1898.	Receipts. Second Half of 1897.	Receipts. Second Half of 1898.	Quantity. Increase.	Quantity. Decrease	Receipts. Increase.	Receipts. Decrease.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Brought forward ...	243,882	236,854	15,88,676	15,31,563	40,594	47,622	2,82,665	3,39,778
X. Lac—								
1. Stick	57	27	608	317	...	30	...	291
2. Shell	23	30	189	263	7	...	74	...
XI. Leather, Manufactured	123	110	2,968	2,727	...	13	...	241
XII. Liquors—								
1. Beer	1,620	1,497	22,778	20,919	....	123	...	1,859
2. Spirits	3,241	2,426	24,077	20,148	...	815	...	3,929
3. Wines	72	58	1,382	1,212	...	14	...	170
XIII. Metals—								
1. Copper, Unwrought	79	37	767	327	...	42	...	440
2. Brass, „	311	139	2,966	1,386	...	172	...	1,580
3. Copper, Wrought	48	14	514	178	...	34	...	336
4. Brass, „	177	149	2,377	1,983	...	37	...	394
5. Iron	8,707	4,566	87,530	54,355	...	4,141	...	33,175
6. Others	302	221	4,144	3,704	...	81	...	440
XIV. Oils—								
1. Kerosine	6,170	7,019	70,099	87,743	849	...	17,644	...
2. Castor	1,099	843	4,007	4,377	...	256	370	...
3. Cocoanut	682	689	6,470	6,634	7	...	164	...
4. Others	1,897	1,702	14,266	13,773	...	195	...	493
XV. Oil Seeds—								
1. Linseed	9	52	49	126	43	...	77	...
2. Rape and Mustard	29	69	255	545	40	...	290	...
3. Til or Jinjili	7,344	5,971	42,185	43,242	...	1,373	1,057	...
4. Poppy	59	68	738	688	9	...	...	50
5. Earthnuts	2,184	1,182	7,915	3,927	...	1,002	...	3,988
6. Castor	3,375	1,528	24,831	8,965	...	1,847	...	15,866
7. Others	4,722	6,934	27,490	59,446	2,262	...	31,956	...
XVI. Opium	...	...	...	...	...	...	...	...
XVII. Paper and Paste Board	308	232	5,665	4,087	...	76	...	1,578
XVIII. Provisions—								
1. Ghee	1,176	1,287	15,908	17,530	111	...	1,622	...
2. Dried Fruits and Nuts ...	1,036	865	8,653	5,789	...	171	...	2,864
3. Others	28,437	25,874	2,12,315	2,09,631	...	2,563	...	2,684
XIX. Railway Plant and Rolling Stock *carried for the Public and Foreign Railways*—								
1. Loco. Engines and Tenders and parts thereof	23	818	91	3,050	795	...	2,959	...
2. Carriages and Trucks do.	...	394	...	104	394	...	104	...
3. Materials—								
(a) Steel Rails and Fish Plates	7,275	390	1,522	594	...	6,885	...	928
(b) Sleepers and Keys of steel and cast iron ...	...	8	...	6	8	...	6	...
(c) Other sorts	105	1,808	411	4,434	1,703	...	4,023	...
Carried forward ...	324,572	303,962	21,81,846	21,13,773	46,822	67,492	3,43,011	4,11,084

ABSTRACT OF PRINCIPAL COMMODITIES—(*Continued*).

DESCRIPTION OF COMMODITY.	Quantity.		Receipts.		Quantity.		Receipts.	
	Second Half of							
	1897.	1898.	1897.	1898.	Increase.	Decrease	Increase.	Decrease.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Brought forward...	324,572	303,902	21,81,846	21,13,773	46,822	67,492	3,13,011	4,11,084
XX. Salt	28,162	29,327	1,50,549	1,61,526	1,165	...	10,977	...
XXI. Saltpetre, &c.—								
1. Saltpetre	77	58	824	449	...	19	...	375
2. Other Saline substances...	7	13	127	232	6	...	105	...
XXII. Silk, Raw—								
1. Foreign	...	9	...	192	9	...	192	...
2. Indian	65	65	1,350	1,282	...	...	...	68
XXIII. Silk Piece Goods—								
1. Foreign	9	8	334	292	...	1	...	42
2. Indian	29	25	673	661	...	4	...	12
XXIV. Spices—								
1. Betel nuts	5,242	4,695	48,804	50,747	...	547	1,943	...
2. Pepper	542	495	6,534	6,350	...	47	...	184
3. Ginger	261	282	1,826	1,867	21	...	41	...
4. Chillies	2,331	1,995	25,119	22,062	...	336	...	3,357
5. Cardamoms	2	...	17	2	...	2	...	15
6. Others	1,068	659	6,700	4,203	...	409	...	2,497
XXV. Stone and Lime	27,379	18,290	40,274	38,935	...	9,089	...	1,339
XXVI. Sugar—								
1. Refined or crystallized including Sugarcandy ...	4,769	6,165	31,425	39,125	1,396	...	7,700	...
2. Unrefined, *viz.*, Molasses & Jaggery or Gur & other Saccharine produce ..	11,754	15,828	56,740	61,885	4,074	...	5,145	...
XXVII. Tea—								
1. Foreign	4	6	90	458	2	...	368	...
2. Indian	225	254	5,261	6,142	29	...	881	...
XXVIII. Timber	58,493	52,695	2,20,353	2,10,497	...	5,798	...	9,856
XXIX. Tobacco—								
1. Unmanufactured... ...	5,528	4,691	39,918	37,133	...	837	...	2,785
2. Manufactured—								
(*a*) Cigars	445	390	6,198	5,214	...	55	...	984
(*b*) Other sorts ...	494	599	6,214	7,951	105	...	1,737	...
XXX. Wool, Raw	262	336	2,694	4,094	74	...	1,400	...
XXXI. Wool, Manufactured—								
1. Piece Goods, European ...	40	40	986	1,215	...	...	229	...
2. Do. Indian ...	321	281	4,456	3,966	...	40	...	493
3. Shawls	1	14	4	249	13	...	245	...
XXXII. All other Articles of Merchandise	37,204	30,639	3,57,364	3,22,353	...	6,565	...	35,011
TOTAL...	509,286	a 471,761	31,96,980	b 31,02,852	53,716	91,241	3,73,974	4,68,102

ABSTRACT I.—1st Merchandise, General	Tons.	Rs.
2nd Military Stores ...	371,343	26,84,124
4th Coal. (1).—For the Public ...	951	37,983
	99,439	3,80,745
	a 471,761	b 31,02,852

CERTIFICATES.

CERTIFICATE RESPECTING THE PERMANENT WAY, &c.

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

E. W. STONEY,
Chief Engineer.

4th February 1899.

JOHN B. DUNCAN,
Ag. Telegraph Engineer.

8th February 1899.

CERTIFICATE RESPECTING THE ROLLING-STOCK.

I hereby certify that the whole of the Company's Plant, Engines, Tenders, Carriages, Wagons, Machinery and Tools have, during the past half-year, been maintained in good working order and repair.

C. E. PHIPPS,
Locomotive Superintendent.

10th February 1899.

I hereby confirm the Certificates given above by the Railway Officials.

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

18th February 1899.

MADRAS RAILWAY.

Analysis of the working results for the Half-year ending December 1898.

A.—PASSENGER TRAFFIC.

Average length open	Miles.	839·22
1.—Receipts from Coaching Traffic	Rs.	17,67,075
2.—Passenger Train miles run	No.	604,762
3.—Average Passenger Train mile receipts	Rs.	2·92
4.—Number of Passengers carried one mile	No.	144,817,714
5.—Average sum received for carrying a Passenger one mile	Ans.	·20
6.—Average number of Passengers in a train at any one time	No.	239
7.—Average number of Passenger trains per diem each way, supposing each train to traverse the whole line open	"	1·96
8.—Average number of Passengers passing over each mile of line daily (both ways)	"	963
9.—Total working expenses for both Goods and Passengers, deducting from them telegraph, special and miscellaneous receipts and demurrage on goods	Rs.	26,34,005
10.—Average cost of running a train mile: Passenger and Goods miles assumed to cost the same	"	2·07
11.—Average cost of carrying a Passenger one mile	Ans.	·09

B.—GOODS TRAFFIC.

Average length open	Miles.	839·22
1.—Receipts from Goods Traffic, exclusive of demurrage on Goods	Rs.	32,11,946
2.—Goods Train miles run	No.	666,222
3.—Average Goods Train mile receipts	Rs.	4·82
4.—Tons of Goods carried one mile	Tons.	75,377,674
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.	113
7.—Average number of Goods trains per diem each way, supposing each train to run over the whole line open	No.	2·16
8.—Average number of tons of Goods passing over each mile of line daily (both ways)	Tons.	488
9.—Total working expenses for both Goods and Passengers, deducting from them telegraph, special and miscellaneous receipts and demurrage on Goods	Rs.	26,34,005
10.—Average cost per train mile: Goods and Passenger miles assumed to cost the same	"	2·07
11.—Average cost of carrying a ton of goods one mile	Ans.	·83

Form No. 1.

15

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2of. Grain and Pulse.

Decrease of Tons 22718 and Rs 17186

The chief fluctuations in traffic under this head are as under:—

	Increase	Decrease
Rice in the husk	102195	
Rice not in the husk		117479
Jawar and Bajra		2224
Grain and Pulse	18432	

Owing to bad crops in the South Arcot, Tanjore, Trichinopoly, Chingleput and Madura Districts due to untimely rains, the export of "Rice not in the husk" was less than in the 1897 period.

Failure of crops in the Southern Districts attracted a large quantity of "Rice in the husk" from the Tanjore and Trichinopoly Districts.

Famine in Northern India having subsided, less quantity of "Jawar and Bajra" was exported.

Import of "Grain and Pulse" at Negapatam for the Madura and Tinnevelly Districts was considerably more.

21. Railway Plant and Rolling Stock.

Decrease of Tons 9400 and Rs 2863

In the corresponding period of 1897 there was exceptional traffic in materials carried from Ennur and Salt Cottaurs, Gudur, Venkatachellam and Nellore for the Madras. Bezwada Railway.

Form No. 2.

15
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22/. Salt. Decrease of Tons 2738 and Rs 11006

Owing to the low cart rates, stations near Tuticorin and others along a portion of the East Coast were served by country cart

23/. Spices. Decrease of Tons 1384 and Rs 1857

About Rs 10,000 of this decrease was in "Chillies" from Madras, Vellore, Negapatam and the Tinnevelly District to the Tanjore South and North Arcot Districts owing to overstocking in the latter in previous half year, and about Rs 7000 in "Betel-nuts" fro Tuticorin to Madura and the South Arcot District and from Negapatam to stations on foreign railways on account of smaller imports from Penang, Singapore and Colomb

24/. Stone and Lime.

Increase of Tons 17988 and Rs 7587

Chiefly on Boulders carried from Pallave ram to Madras for the Harbour works.

25/. Sugar.

Increase of Tons 6815 and Rs 51456

The increase was under "Sugar unrefined" from Tinnevelly to Arcot for the Arcot Sugar factories. The production of Jaggery in the Tinnevelly District was considerably over the average.

26/. All other articles of merchandise.

Decrease of Tons 1181 and increa of Rs 2228;

Lower lead gave a larger income