Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 1248-49 Dy

DATED 11th Octr 1898.

12/3/20 to be returned back

[Despatch Abstract.]

Capital & Revenue Accounts.
Madras. Ennur Section of the B'Ry

Ordered the Copies of the — for the Year ended the 30th June 98 together with a brief note thereon by the Comr. Engrs for Rlys. Madras, be forwarded to the Govt. of India & to the Secretary of State

Forwarding Copies of the — for the x x & x. Madras.

Indexed

BACK PAPERS.

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

FURTHER PAPERS.

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

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.
Regd.
} 1898.
Enclosures
Spare copies

G.O., Nos. 1248, 1249 Ry., 11th October 1898.

OCTOBER.

Capital and Revenue Accounts, Madras-Ennur Railway

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

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 30th June 1898.

Brief Note on the Capital and Revenue Accounts of the Madras-Ennur Railway for the half-year ended 30th June 1898.

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

Statistics.		1896.		1897.		1898.
		First half.	Second half.	First half.	Second half.	First half.
Mean mileage worked	Miles.	6	8·45	8·45	8·45	8·45
Train miles	No.	16,223	14,758	14,644	14,657	13,644
Gross earnings	Rs.	24,670	36,660	34,583	29,291	26,208
Working expenses	,,	21,179	29,955	19,906	20,460	13,222
Net earnings	,,	3,491	6,705	14,677	8,831	12,986
Percentage of expenses to receipts	%	85·85	81·71	57·56	69·85	50·45
Gross earnings per train mile	Rs.	1·521	2·484	2·361	1·998	1·921
Do. per mile per week	,,	158·14	166·86	157·41	133·32	119·29
* Passenger receipts, 1st class	,,	319	306	330	190	265
Do. 2nd ,,	,,	695	499	431	294	378
Do. 3rd ,,	,,	18,386	18,153	22,647	15,377	19,141
Total	,,	19,400	18,958	23,408	15,861	19,784
† Goods receipts	,,	4,421	14,819	9,282	11,606	5,004
* Number of passengers, 1st class	No.	582	554	595	339	472
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Total	,,	323,240	286,950	386,337	249,143	3,35,945
† Tons lifted	No.	7,912	22,542	20,499	22,983	10,678
† Ton miles	,,	71,086	202,832	184,530	206,851	96,101
Capital expenditure	Rs.	5,74,443	5,78,560	5,82,541	5,92,617	5,99,150
Dividend, per cent., per annum	,,	1·70	2·32	5·04	3·98	4·33

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

The gross earnings have continued to decrease from Rs. 36,000 to Rs. 26,000. This is mainly due to the completion of the Bezwada-Madras Section of the East Coast Railway, the carriage of railway material having previously been the largest item.

The working expenses are low, being just over 50 per cent. of the gross earnings. The decrease is accounted for by the reduced expenditure under maintenance.

The net profits are Rs. 12,986 representing a dividend at the rate of 4·33 per cent. on the capital outlay.

The section will very shortly be incorporated with the East Coast Railway.

3rd October 1898.

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

Table A.

MADRAS-ENNUR RAILWAY.

Details of Earnings.

Heads of Revenue Accounts.	1896. First half.	1896. Second half.	1897. First half.	1897. Second half.	1898. First half.
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Other items of goods traffic	205	1,423	408	609	169
Electric telegraph and sundries	107	199	165	113	82
Total	24,670	36,660	34,583	29,291	26,208

Details of Working Expenses.

	Rs.	Rs.	Rs.	Rs.	Rs.
Maintenance	10,062	13,558	6,162	7,927	2,862
Locomotive	4,745	7,135	6,217	5,581	4,460
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Traffic	2,012	2,824	2,421	2,176	1,956
General charges	1,545	2,221	1,270	1,486	1,362
Special and miscellaneous	1,412	2,141	2,103	1,679	1,511
Total	21,179	29,955	19,906	20,460	13,222

Order—No. 1248 Ry., dated 11th October 1898.

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

[Here enter No. 1249 Ry., dated 11th October 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. 1249 Ry., dated 11th October 1898.

Forwarded.

(By order.)

Francis J. E. Spring,
Joint Secretary.

Exd. T. K. Narayana Aiyangar.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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

No. $\frac{21}{1248\ \text{Ry.}}$, dated 11th October 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 30th June 1898, together with a brief note thereon.

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.	} 1898.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 1248 Ry., 11th October 1898.

OCTOBER.

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FRANCIS J. E. SPRING,
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ORDER—No. 1248 Ry., dated 11th October 1898.

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

[Here enter No. 1249 Ry., dated 11th October 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. T. K. Narayana Aiyangar.

No. $\frac{21}{1248\ \text{Ry.}}$, 11th October 1898.

PUBLIC WORKS DEPARTMENT.

Letter—to

The Right Honourable the SECRETARY of STATE for INDIA.

My Lord,

We have the honour to forward, herewith, a copy of our Proceedings, No. 1248 Ry., dated the 11th October 1898, embodying the Capital and Revenue Accounts of the Madras-Ennur Section of the Bezwada-Madras Railway for the half-year ended the 30th June 1898, 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.
(„) A. T. ARUNDEL.

Ootacamund,
11th October 1898.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

DESPATCH

FOR SIGNATURE

OF

HIS EXCELLENCY THE GOVERNOR

AND

MEMBERS OF GOVERNMENT.

(With Original).

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.~~ 30 June 1898

Brief note on the Capital and Revenue Accounts of the Madras-Ennur Railway, for the half-year ended ~~31st December 1897~~. 30 June 1898.

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.		1898
		First half.	Second half.	First half.	Second half.	First half
Mean milage worked	Miles.	6	8·45	8·45	8·45	8·45
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Percentage of expenses to receipts	%	85·85	81·71	57·56	69·85	50·45
Gross earnings per train mile	Rs.	1·521	2·484	2·361	1·998	1·921
Do. per mile per week.	,,	158·14	166·86	157·41	133·32	119·29
* Passenger receipts, 1st class	,,	319	306	330	190	265
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Total	,,	19,400	18,958	23,408	15,861	19784
† Goods receipts	,,	4,421	14,819	9,282	11,605	5004
* Number of passengers, 1st class	No.	582	554	595	339	472
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Total	,,	323,240	286,950	386,337	249,143	335945
† Tons lifted	No.	7,912	22,542	20,499	22,983	10678
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Capital expenditure	Rs.	5,74,443	5,78,560	5,82,541	5,92,617	599150
Dividend per cent. per annum	,,	1·70	2·32	5·04	3·98	4·33

* 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.

Brief note

The Gross Earnings ~~have~~ appear to have commenced to decrease from Rs 36000 to Rs 26000. This completion mainly due to the opening of the B-N section of the E.C.Rly the carriage of material having previously been the largest item.

The working Expenses are here taken at 50 per cent of the Gross Earnings. The decrease in the Net Earnings is accounted for by the reduced expenditure under Maintenance.

The last profits are Rs. 12986 representing a dividend of at the rate of 4·33 percent on the Capital outlay.

The section will very shortly be incorporated with the E. C. Rly.

3.10.98.

† The bracketed Cable gives the principal figures for this working since first it was opened on the 22nd Feby 1896.

R. For approval.

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Traffic	2,012	2,824	2,421	2,176	
General charges	1,545	2,221	1,270	1,486	
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[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.

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.	} 1898.	*Enclosures*
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G.O., No. 1248 Ry., 7 October 1898.

OCTOBER.

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(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

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

Exd. T. K. Narayana Aiyangar.

Despatched on 11/10/98

Madras Railway Company.

MADRAS-ENNORE SECTION

OF THE

Bezwada-Madras Railway,

CAPITAL AND REVENUE ACCOUNTS

FOR THE

Half-year ending 30th June, 1898.

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

MADRAS-ENNORE SECTION

OF THE

BEZWADA-MADRAS RAILWAY.

Half-year ending 30th June 1898.

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 from March 1897 to March 1898 19,018	
			Do. April to June 1898. 1,555	20,573
			Total...	5,99,150

ABSTRACT OF ABOVE.

Main Head of Account.	Sanctions by				Total.
	Secretary of State.	Government of India.			
		Completion Estimate.			
	Actual outlay on Project Estimate to end of 28th February 1897.	Actual outlay on final heads from March 1897 to March 1898.	Actual outlay on final heads from April to June 1898.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Preliminary Expenses...	2,262	...	...	...	2,262
Land	97,233	Cr. 643	...	...	96,590
Formation	34,738	1,315	...	...	36,053
Bridge-work	32,041	1,599	...	...	33,640
Fencing	42,210	34	63	...	42,307
Electric Telegraph ...	...	3,142	...	...	3,142
Ballast and Permanent-way	2,86,050	5,297	11	...	2,91,358
Stations and Buildings..	56,538	8,270	1,481	...	66,289
Plant	8,654	...	...	...	8,654
General Charges ...	18,851	4	...	...	18,855
Total ...	5,78,577	19,018	1,555	...	5,99,150

No. V.

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

	Amount.	Total.
Lines opened for Traffic.	Rs. A. P.	Rs. A. P.
Preliminary Expenses—		
Survey Expenses	... ...	... ...
Land	... ...	20 14 10
Formation—		
Earthwork	... ...	... ...
Bridge Work—		
Minor Bridges	... ...	115 7 4
Fencing—		
Road Crossings	... ...	96 5 6
Electric Telegraph	... ...	... ...
Ballast and Permanent-way—		
Ballasting	250 0 0	
Permanent-way	159 14 1	
		409 14 1
Stations and Buildings—		
Stations and Offices	5,737 7 3	
Staff Quarters	... ...	
Station Machinery	150 10 0	
		5,888 1 3
Plant—		
Stations and Office Furniture	... ...	... ...
General Charges—		
Engineering	... ...	1 11 9
Total Expenditure of half-year ...	... ...	6,532 6 9

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.
	Rs. A. P.	Rs.	Rs.	Rs.
Lines opened for Traffic less than two years—				
Preliminary expenses	2,262 8 2	...	...	...
Land	96,589 7 4	...	...	...
Formation	36,052 13 7	...	...	...
Bridge work	33,610 8 5	...	...	...
Fencing	42,306 8 9	...	...	...
Electric Telegraph	3,142 6 0	...	...	...
Ballast and Permanent-way ...	2,91,358 8 1	...	...	...
Stations and Buildings	66,288 15 8	...	...	...
Plant	8,653 7 2	...	...	...
General Charges	18,854 12 2	...	...	...
Total Expenditure to end of the half-year	5,99,149 15 4			
Total estimated further expenditure on Capital	Rupees.	...	...	...

MADRAS-ENNORE SECTION.

PART II.

Form No. VIII.

Dr. *Revenue Account for the half-year ending 30th June 1898.* **Cr.**

Expenditure.						Earnings.				
Half-year ending 30th June 1897.	Per cent. on Gross Receipts.		Abstract.	Half-year ending 30th June 1898.	Per cent. on Gross Receipts.	Half-year ending 30th June 1897.		Abstract.	Half-year ending 30th June 1898.
Rs. a. p.				Rs. a. p.		Rs. a. p.			Rs. a. p.
6,162 3 11	17·82	To Maintenance of Way, Works & Stations ...	A	2,861 11 9	10·92	24,727 9 8	By Coaching Traffic ...	H	20,952 10 3
6,216 5 9	17·98	„ Locomotive expenses	B	4,459 6 10	17·02	9,689 15 0	„ Goods Traffic	I	5,172 13 1
1,733 4 2	5·01	„ Carriage and Wagon expenses	C	1,071 4 8	4·09	24 11 0	„ Electric Telegraph Earnings...		11 5 0
2,421 4 8	7·00	„ Traffic expenses	D	1,956 2 5	7·46	*Nil.*	„ Steam-boat Earnings ...	J	*Nil.*
1,749 11 8	5·06	„ General charges	E	1,362 2 7	5·20	140 8 9	„ Sundries	K	70 11 1
Nil.	...	„ Steam-boat service	F	*Nil.*					
374 1 11	1·08	„ Special and Miscellaneous Expenditure ...	G	200 6 5	·76				
1,729 2 3	5·00	„ Hire of Rolling Stock		1,310 6 0	5·00				
Cr. 480 0 0	Cr. 1·39	„ Rent of Telegraph instruments		*Nil.*					
19,906 2 4	57·56			13,221 8 8	50·45				
14,676 10 1	42·44	„ Balance Net earnings		12,985 14 9	49·55				
34,582 12 5	100·00	Total ...		26,207 7 5	100·00	34,582 12 5	Total ...		26,207 7 5

Madras Railway gross earnings	Rs.	56,28,124 2 11
Kolar Gold Fields Railway gross earnings	„	1,06,037 1 6
Madras-Ennore Line do.	„	26,207 7 5
	Rs.	57,60,368 11 10

The gross expenditure on the combined undertakings exclusive of cost of maintenance of Way, Works and Stations is ... ... Rs. 19,88,884 14 0
being 34·53 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.

F. DUNSTERVILLE, *Chief Auditor.*

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

LOUIS S. MOSS, *Agent and Manager.*

Madras, 1st *September* 1898.

FRANCIS J. E. SPRING, *Consulting Engineer.*

ABSTRACT A.

Maintenance of Way, Works and Stations.

JUNE 1897. JUNE 1898.

Amount.				Amount.			
Rs. a. p.	Rs. a. p.			Rs. a. p.	Rs. a. p.		
						1st.—*General Superintendence*—	
.....				.....		(1)—Engineers' salaries	
.....				.....		(2)—Allowances of ditto, including travelling ...	
600 0 0				487 6 8		(3)—Subordinate Superintendents	
.....				.....		(4)—Allowances of ditto, including travelling ...	
.....				.....		(5)—Overtime allowances	
94 5 10				108 8 1		(6)—Office expenses	
	694 5 10				595 14 9		
						2nd.—*Maintenance & Renewal of Permanent Way*—	
3,458 12 3				2,317 8 4		(1)—Wages	
952 11 3				Cr. 1,220 5 4		(2)—Materials	
	4,411 7 6				1,097 3 0		
						3rd.—*Repairs of Bridges, &c.*—*Wages & Materials*—	
26 10 0				12 8 0		(1)—Bridges and Tunnels	
						(2)—Miscellaneous, including earth-work, roads, fencing, &c.	
97 15 3				257 3 10			
.....				.....		3rd (a)—Conservancy of Rivers	
	124 9 3				.....		
						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... ...	
271 2 11				559 1 5			
35 14 2				46 14 0		(2)—Repairs of staff quarters	
	307 1 1				605 15 5		
						5th.—*Maintenance by Contract*—	
.....				.....		(1)—Amount paid to contractors	
.....				.....		(2)—Materials, supplied by the Company ...	
						6th.—*New Minor Works*—	
53 12 9				.....			
.....					120 0 0		
						7th.—*Unclassified Expenditure*—	
.....				.....		(1)—Plantations	
2 12 11				38 1 9		(2)—Tools and Plant	
.....				.....		(3)—Loss on Stores, &c.	
183 11 9				31 3 0		(4)—Loss by exchange	
384 6 10				103 10 0		(5)—Carriage of Revenue Stores...	
	570 15 6				172 14 9		
	6,162 3 11			.....	2,861 11 9		

If done Departmentally.

Mean Mileage maintained by Revenue—		Departmentally.			By contract.			Total.		
		Ms.	Chs.	Ft.	Ms.	Chs.	Ft.	Ms.	Chs.	Ft.
Railway Line {	Double	.....			.....			.....		
	Single	8	36	8	.....			8	36	8
Sidings		2	21	38	.....			2	21	38
Total single track, including sidings					.....			10	57	46
Cost per mile of track, including sidings					.....			Rs. 266·95		

ABSTRACT H.—COACHING TRAFFIC.

JUNE 1897. — JUNE 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. Rs. 0 0 2 — No.	Third Class. Rs. 0 0 2 — Amount.	Total. No.	Total. Amount.
Rs. a. p.	1st.—PASSENGERS'—		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
22,723 3 6	Single journeys ...	472	262 14 6	1,465½	375 15 0	317,901	18,400 3 5	319,838½	19,039 0 11
75 13 4	Excess fares	...	2 11 0	...	1 7 0	...	37 6 4	...	41 8 4
608 13 0	Return journeys ...	...	...	...	...	16,106	703 9 8	16,106	703 9 8
28 1 11	Troops and Police ...	...	...	...	...	417	32 7 10	417	32 7 10
	Total ...	472	265 9 6	1,465½	377 6 0	334,424	19,173 11 3	336,361½	19,816 10 9
23,435 15 9	*Corresponding Period of* 1897	593½	329 13 6	1,729½	430 9 10	384,378½	22,675 8 5	386,703½	...
... ...	Season Tickets * ...	3	54 0 0	1	10 9 2	168	465 8 4	172	530 1 6
501 14 8	*Corresponding Period of* 1897	5	86 6 4	6	50 2 3	129	365 6 1	140	...
2,307,869	Passenger-miles ...		6,770		14,236		1,966,235		1,987,241
735 0 3	2nd.—PASSENGERS' LUGGAGE						Ton-miles.	1,162	551 10 0
... ...	3rd.—MILITARY BAGGAGE							...	... ...
	4th.—CARRIAGES, HORSES, DOGS, &c.—								
2 9 0	(1)—Carriages						No.	...	... ...
1 11 0	(2)—Horses							...	... ...
19 14 6	(3)—Dogs, &c.						,,	68	19 15 1
	5th.—MILITARY CARRIAGES, HORSES, &c.—								
... ...	(1)—Carriages						,,	...	... ...
... ...	(2)—Horses						,,	...	... ...
... ...	(3)—Dogs, &c.						,,	...	... ...
	6th.—PARCELS—								
15 15 4	(1)—For the Public						Ton-miles.	10	14 5 3
8 14 0	(2)—For Revenue						,,	18	15 6 11
... ...	7th.—SPECIAL TRAINS						Train miles.	...	... ...
4 11 2	8th.—MISCELLANEOUS						...	...	4 8 9
	9th.—POST OFFICE—								
... ...	(1)—Haulage and hire of Post Office Vehicles.						Number of Vehicles.	...	... ...
							Mileage of ,, ...	...	... ...
... ...	(2)—Special Trains						Train-miles.	...	... ...
... ...	(3)—Parcels						Ton-miles.	...	... ...
24,727 9 8							Total ..	...	20,952 10 3
							Less outstandings irrecoverable ...	...	... ...
24,727 9 8							Total ...	...	20,952 10 3

* Season tickets 1st class (reckoned at the rate of 40 Single Journey Passengers per month) 3 Tickets equal 280
Do. 2nd class (do. do. do.) 1 Ticket equals 240
Do. 3rd class (do. do. do.) 168 Tickets equal 19,280

ABSTRACT I.—GOODS' TRAFFIC.

JUNE 1897. — JUNE 1898.

Amount.		Number of tons lifted.	Average rate per ton per mile.	Ton-miles	Amount.
Rs. a. p.			Pies.		Rs. a. p.
9,282 2 0	1st.—MERCHANDISE, GENERAL	10,678	9·99	96,101	5,004 0 0
.....	2nd.—MILITARY STORES	...	...	...	... ...
0 0 8	3rd.—RAILWAY MATERIALS FOR CONSTRUCTION	1	...	...	50 15 11
9,282 2 8	Total ...	10,679	10·10	96,101	5,054 15 11
	4th.—COAL—				
2 3 0	(1)—For the Public	3	8·89	27	1 4 0
.....	(2)—For the Company (Construction only) ...	...	...	...	... ...
.....	(3)—For Locomotive Department (Revenue only)	143	2·73	1,285	18 3 10
.....	(4)—For other Departments	...	...	...	... ...
2 3 0	Total Coal ...	146	2·85	1,312	19 7 10
	5th.—REVENUE STORES—				
375 11 10	(1)—For all Departments excepting Coal and Locomotive fuel	1,927	4·82	3,575	89 14 7
.....	(2)—Wood and patent fuel for Locomotive Department	18	2·78	163	2 5 9
375 11 10	Total ...	1,945	4·74	3,738	92 4 4
9,660 1 6	Total Goods ...	12,770	9·81	101,151	5,166 12 1
	6th.—LIVE STOCK—				No.
	(1)—Horses	...			... ...
.....	(2)—Cattle	...			... ...
2 7 0	(3)—Sheep, &c.	19			5 2 0
1 3 0	Total ...	19			5 2 0
3 10 0					
	7th.—MILITARY LIVE STOCK—				
.....	(1)—Horses	...			... ...
.....	(2)—Cattle	...			... ...
.....	(3)—Sheep, &c.	...			... ...
.....	Total ...	...			... ...
26 3 6	8th.—RENTS AND DEMURRAGE, WHARFAGE, STORAGE, &c. ...	...			0 15 0
.....	9th.—INTEREST ON OUTSTANDING BILLS	...			... ...
.....	10th.—MISCELLANEOUS	...			... ...
9,689 15 0	Total ...	...			5,172 13 1
.....	Less outstandings irrecoverable ...	...			... ...
9,689 15 0	Total ...	...			5,172 13 1

ABSTRACT K.—SUNDRIES.

JUNE 1897. Amount. Rs. a. p.		JUNE 1898. Amount. Rs. a. p.
	1897. Rs. A. P. / 1898. 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	
62 6 9	Rents of Dwelling-houses	59 7 1
75 0 0	Rents of Refreshment-rooms	11 4 0
.....	Fees on share transfers, &c.	
.....	Profits of Workshops for work done for other Railways, &c.	.....
.....	Sale of unclaimed and damaged goods	.....
.....	Unpaid or unclaimed salaries	.....

Sale of Revenue Stores.

1897. Rs. A. P.		1898. Rs. A. P.	
3 2 0	(1)—Maintenance...	.....	
.....	(2)—Locomotive	.....	
.....	(3)—Carriage and Wagon	.....	
.....	(4)—Traffic	.....	
3 2 0	(5)—General	.....	.....
.....	Miscellaneous		.....
140 8 9		Total ...	70 11 1
.....	Less outstandings irrecoverable		.....
140 8 9		Total ...	70 11 1

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 21 38
Total ...	...	8 36 8	8 36 8	2 21 38
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 21 38

No. XIV.

STATEMENT OF TRAIN MILEAGE.

		Miles.	Estimated Locomotive expenses.
			Rs.
(1)—Train-miles run for Public Traffic ...	Passengers	448	143
	Goods	1,012	324
	Mixed ... (a)	11,784	3,772
	Light ... (b)	...	...
(2)—Train-miles run for Locomotive Department		...	...
(3)— Do. for Maintenance		400	128
Total Train-mileage ...		13,644	4,367
(4)—Miles of assisting engines (actual distance)		...	...
(5)—Miles of engines shunting and standing in steam for traffic purposes, calculated at 5 miles an hour		285	91
(6)—Miles run for miscellaneous services (actual distance)		2	1
Total Miscellaneous Engine-mileage ...		287	92
Total Engine-mileage ...		13,931	4,459

(a) Passenger miles ...7,668. Goods miles ...4,116.
(b) „ ...*Nil* „

No. XVII.

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

DR. CR.

	Rs.	a.	p.		Rs.	a.	p.
To Interest on Capital Outlay at 4 per cent. ...	12,002	0	0	By Net Earnings of the half-year as per Form No. VIII	12,985	14	9
„ additional contribution to M. Ry. Provident Institution for half-year 30th June 1898 ...	37	2	9				
„ Balance being Surplus profits	946	12	0				
Total ...	12,985	14	9	Total ...	12,985	14	9

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...	33,703	3	8	By additional contribution to M. Ry. Provident Institution for half-year 30th June 1898 ...	37	2	9
„ do. for current half-year.	12,985	14	9	„ Do. for previous periods ...	25	10	2
				„ Amount of net receipts ...	46,626	5	6
Total ...	46,689	2	5	Total ...	46,689	2	5

No. XVII-B.

INTEREST ACCOUNT.

DR. CR.

	Rs.	a.	p.		Rs.	a.	p.
To Amount of net receipts from Account No. XVII-A. ...	46,626	5	6	By Interest to end of previous half-year	58,937	0	0
„ Balance, being excess of Interest on Capital over net receipts	24,312	10	6	„ Interest during current half-year.	12,002	0	0
Total ..	70,939	0	0	Total ...	70,939	0	0

No. XVIII.

CAPITAL ACCOUNT.

DR. CR.

	Rs.	a.	p.		Rs.	a.	p.
To Expenditure incurred in India	5,38,893	10	0	By Construction accounts, *viz.*:—			
Debits to the Indian books by credits to "Expenditure in England" for value of English stores received and other items charged off in England—				Preliminary expenses...	2,262	8	2
				Land	96,589	7	4
				Formation	36,052	13	7
				Bridge Work	33,640	8	5
				Fencing	42,306	8	9
				Electric Telegraph ...	3,142	6	0
				Ballast and Permanent-way	2,91,358	8	1
				Stations and Buildings..	66,288	15	8
				Plant	8,653	7	2
Rs. A. P.				General Charges ...	18,854	12	2
Stores ... 60,256 5 4							
Miscellaneous ...							
	60,256	5	4				
	5,99,149	15	4		5,99,149	15	4
To charge for capitalization of abatement of Land Revenue	10,344	6	6	By Suspense accounts ...	...		
				Total ...	5,99,149	15	4
				Less receipts on Capital Account	...		
				Net Capital outlay ...	5,99,149	15	4
				Add charge for capitalization of abatement of Land Revenue... ...	10,344	6	6
Total ...	6,09,494	5	10	Total ...	6,09,494	5	10

F. DUNSTERVILLE,
Chief Auditor.

LOUIS S. MOSS,
Agent and Manager.

E. A. WALLER, MAJOR, R.E.,
Examiner of Railway Accounts.

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

MADRAS-ENNORE SECTION.

Abstract of Principal Commodities Half-year ending 30th June 1898.

Description of Commodity.	Quantity. First Half of 1897.	Quantity. First Half of 1898.	Receipts. First Half of 1897.	Receipts. First Half of 1898.	Quantity. Increase.	Quantity. Decrease.	Receipts. Increase.	Receipts. Decrease.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
I. Coal and Coke carried for the Public and Foreign Railways...	5	3	2	1	...	2	...	1
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	...	...	...	...	1	...	1	...
(3.) Rice not in the husk ...	1	1	1	4	...	...	3	...
(4.) Jawar and Bajra	...	...	...	...	...	...	...	...
(5.) Gram and Pulse	...	...	...	2	...	...	2	...
(6.) Others	...	...	...	...	...	...	...	...
VII. Hides and Skins—								
(1.) Hides of Cattle—								
(*a.*) Dressed or Tanned ...	...	...	..	...	...	...	...	...
(*b.*) Raw	10	...	7	...	...	10	...	7
(2.) Skins of Sheep, &c.—								
(*a.*) Dressed or Tanned ...	...	...	...	...	...	...	...	...
(*b.*) Raw	...	...	...	...	...	...	...	...
VIII. Horns	...	...	...	...	...	...	...	...
IX. Jute—								
(1.) Raw	...	...	...	...	...	...	...	...
(2.) Gunny Bags and Cloth ...	...	...	1	...	...	...	...	1
X. Lac—								
(1.) Stick	...	...	...	...	...	...	...	...
(2.) Shell	...	...	...	...	...	...	...	...
XI. Leather, Manufactured	...	...	...	...	...	...	...	...
Carried forward ...	16	4	11	8	...	12	6	9

Abstract of Principal Commodities—Continued.

Description of Commodity.	Quantity. First Half of 1897.	Quantity. First Half of 1898.	Receipts. First Half of 1897.	Receipts. First Half of 1898.	Quantity. Increase.	Quantity. Decrease.	Receipts. Increase.	Receipts. Decrease.
Brought forward ...	Tons. 16	Tons. 4	Rs. 11	Rs. 8	Tons. ...	Tons. 12	Rs. 6	Rs. 9
XII. Liquors—								
(1.) Beer	...	...	...	...	...	...	...	...
(2.) Spirits	...	...	...	...	...	...	...	...
(3.) Wines	...	...	...	...	...	...	...	...
XIII. Metals—								
(1.) Copper, unwrought ...	...	...	...	...	...	...	...	...
(2.) Brass, unwrought... ...	...	...	...	...	..	...	...	...
(3.) Copper, wrought	...	...	...	...	...	...	...	...
(4.) Brass, wrought	...	...	...	...	...	...	...	...
(5.) Iron	7,862	28	3,986	17	...	7,834	...	3,969
(6.) Others	...	3	..	4	3	...	4	...
XIV. Oils—								
(1.) Kerosine	...	...	...	...	...	...	...	...
(2.) Castor	...	1	...	2	1	...	2	...
(3.) Cocoanut	...	...	...	...	...	...	...	...
(4.) Others	...	...	...	1	...	...	1	...
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 ...	...	...	...	...	...	...	...	...
(3.) Others	...	1	...	4	1	...	4	...
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	...	18	...	28	18	...	28	...
(3.) Materials—								
(*a.*) Steel Rails and Fish Plates	146	1,140	96	485	994	...	389	...
(*b.*) Sleepers and Keys of Steel and Cast Iron ...	...	59	...	28	59	...	28	...
(*c.*) Other sorts	...	53	...	27	53	...	27	...
XX Salt	1,307	...	596	1	...	1,307	...	595
XXI. Saltpetre, &c.—								
(1.) Saltpetre	...	...	...	...	...	...	...	...
(2.) Other Saline substances ...	...	...	...	...	...	...	...	...
XXII. Silk, Raw—								
(1.) Foreign	...	...	...	...	...	...	...	...
(2.) Indian	...	...	...	...	...	...	...	...
Carried forward ...	9,331	1,307	4,689	605	1,129	9,153	489	4,573

Abstract of Principal Commodities—Continued.

Description of Commodity.	Quantity. First Half of 1897.	Quantity. First Half of 1898.	Receipts. First Half of 1897.	Receipts. First Half of 1898.	Quantity. Increase.	Quantity. Decrease.	Receipts. Increase.	Receipts. Decrease.
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Brought forward ...	9,331	1,307	4,689	605	1,129	9,153	489	4,573
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	2,791	927	1,012	303	...	1,864	...	709
XXVI. Sugar—								
(1.) Refined or crystallized including Sugarcandy ...	...	...	...	...	...	...	...	...
(2.) Unrefined, *viz.*, Mollasses and Jaggery or Gur and other Saccharine produce...	...	...	...	...	...	...	...	...
XXVII. Tea—								
(1.) Foreign	...	...	...	...	...	...	...	...
(2.) Indian	...	...	...	...	...	...	...	...
XXVIII. Timber	8,218	8,423	2,915	4,062	205	...	1,147	...
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	24	668	35	...	140	...	633
Total ...	20,504	a 10,681	9,284	b 5,005	1,334	11,157	1,636	5,915

Abstract I.—1st Merchandise, General	Tons. 10,678	Rs. 5,004
4th Coal (i)—For the Public	3	1
	a 10,681	b 5,005

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

1st September 1898.

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

F. DUNSTERVILLE,
Chief Auditor.

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.

9th August 1898.

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.

20th August 1898.

MADRAS-ENNORE SECTION.

Analysis of the working results for the Half-year ending 30th June 1898.

A.—PASSENGER TRAFFIC.

Average length open	Miles.	8·45
1.—Receipts from Coaching Traffic	Rs.	20,953
2.—Passenger Train miles run	No.	8,116
3.—Average Passenger Train mile receipts	Rs.	2·58
4.—Number of Passengers carried one mile	No.	2,046,416
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.	252
7.—Average number of Passenger trains per diem each way, supposing each train to traverse the whole line open	,,	2·65
8.—Average number of Passengers passing over each mile of line daily (both ways)	,,	1,338

B.—GOODS TRAFFIC.

Average length open	Miles.	8·45
1.—Receipts from Goods Traffic, exclusive of demurrage on Goods ...	Rs.	5,172
2.—Goods Train miles run	No.	5,528
3.—Average Goods Train mile receipts	Rs.	·94
4.—Tons of Goods carried one mile	Tons.	101,281
5.—Average sum received for carrying one ton one mile...	Ans.	·82
6.—Average number of tons in a Goods train at any one time	Tons.	18
7.—Average number of Goods train per diem each way, supposing each train to run over the whole line open...	No.	1·81
8.—Average number of tons of Goods passing over each mile of line daily (both ways)	Tons.	66