

Public Works (1894) Department.

RAILWAY BRANCH.

G.O., No. 245-6 R⁴⁵
245

DATED 23rd April

[Despatch Abstract.]

Capital and Revenue Accounts Regarding
Extension Railways.

Ordered that the — for half year ended 31st Dec^r 1893 with a note thereon be forwarded to the Govt. of India, and the Secretary of State.

Forwarding to the Govt. of India the — for half ended 31st Dec^r '93 with a note thereon.

Forwarding to the R. T. Hon^{ble} the Secretary of State for India Proceedings of Govt. embodying a note on the — for the half year ended 31st Dec^r '93.

BACK PAPERS.

[illegible]

FURTHER PAPERS.

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

23RD APRIL 1894, No. 245 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

**Brief note on the Capital and Revenue Accounts of the Bezwada Extension Railway,
for the half-year ended the 31st December 1893.**

The following table shows the principal features of the working during the last five half-years:—

	Second half of 1891.	First half of 1892.	Second half of 1892.	First half of 1893.	Second half of 1893.
Mean mileage worked	21	21	21	21	21
Gross earnings	Rs. 47,701	Rs. 46,606	Rs. 53,273	Rs. 53,862	Rs. 54,635
Working expenses	33,549	34,577	35,855	35,348	39,057
Net earnings	14,112	10,929	17,418	18,504	15,468
Gross earnings per open mile per week	88.41	83.34	97.57	98.63	99.88
Percentage of expenses to receipts	70.41	75.98	67.30	65.64	71.64
Train mileage	9,564	10,368	8,998	10,096	9,968
Gross earnings per train mile	Rs. 4.987	Rs. 4.381	Rs. 5.920	Rs. 4.897	Rs. 5.473
Passenger traffic (exclusive of troops and police and season tickets)—					
Number { First class	Rs. 165	Rs. 118	Rs. 210	Rs. 141	Rs. 130
{ Second	616	557	645	545	569
{ Third	63,127	60,906	65,985	70,611	71,400
Total	63,908	61,591	66,840	71,297	72,129
Receipts { First class	Rs. 238	Rs. 164	Rs. 329	Rs. 230	Rs. 206
{ Second	287	262	273	262	320
{ Third	10,797	10,444	11,215	12,343	12,345
Total	11,222	10,870	11,817	12,835	12,871
Goods traffic (exclusive of railway materials, military stores, coal and revenue stores)—					
Tons lifted	Rs. 15,455	Rs. 17,614	Rs. 19,203	Rs. 17,809	Rs. 17,365
Ton miles	324,394	372,588	407,776	381,239	255,497
Receipts	Rs. 21,368	Rs. 21,734	Rs. 24,733	Rs. 24,081	Rs. 16,939

2. The gross earnings exceeded those of the corresponding period of 1892 by Rs. 1,262, mainly due to improvement in passenger traffic.

3. The working expenses have increased by Rs. 3,212, of which Rs. 2,373 is accounted for by maintenance. The percentage of expenses to receipts has risen from 67.30 to 71.64.

4. The number of train miles run shows an increase, principally caused by the running of extra goods trains; the receipts per train mile fell from Rs. 5·920 to 5·473.

5. In passenger traffic the increase is due to improvement in third-class traffic. The decrease under merchandise, general, is ascribed to grains and pulse and metals. Under coal traffic there is a large increase both in the tonnage and lead.

6. The net revenue for the half-year under review gives a return of 2.18 per cent. per annum on the capital outlay.

MADRAS,
7th April 1893.

(Signed) F. R. UPCOTT,
Consulting Engineer for Railways.

ORDER—dated 23rd April 1894, No. 245 R., Public Works.

Ordered to be forwarded to the Government of India and to the Secretary of State.

[Here enter No. 246 R., dated 23rd April 1894.]

(True Extract.)

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent and Manager, Nizam's Guaranteed State Railway
Company (Limited), through the Consulting Engineer for Railways.
" Examiner, East Coast Railway Accounts.
Editors' Table.

ENDORSEMENT—dated 23rd April 1894, No. 246 R., Public Works.

Forwarded.

(By Order.)

Joint Secy. to Govt., P.W.D.,
Railway Branch.

RAILWAY.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated April, 23rd.

Recd.

Encl.

G.O., 23rd Apr. 1894, Nos. 245,
246 R.

APRIL.

**Capital and Revenue Accounts,
Bezwada Extension Railway**

Forwarding to the Government of India
the — for half-year ended 31st December
1893, with a note thereon.

H. H. THE NIZAM'S GUARANTEED STATE RAILWAYS
COMPANY, LIMITED.

BEZVADA EXTENSION RAILWAY.

CAPITAL

AND

REVENUE ACCOUNTS

FOR THE

HALF-YEAR ENDING 31ST. DECEMBER 1893.

BEZVADA EXTENSION RAILWAY.

CONTENTS.

PART I.

No. of
Statement

I. Statement of Capital outlay authorized	...	...	...	1
V. Details of Capital Expenditure for half-year	...	...	...	2
VI. Estimate of further Expenditure on Capital Account	...	...	...	3

PART II.

VIII. Revenue Account	...	...	...	...	4
IX. Maintenance of Way, Works and Stations—Abstract	A.	...	...	...	5
X. Coaching Traffic	...	...	...	...	6
Goods	...	...	...	...	7
Sundries	...	...	...	...	8
XIII. Mileage Statement	...	...	...	...	9
XIV. Statement of Train-Mileage	...	...	...	...	9
XVII. Net Revenue Account	...	...	...	...	9
XVIIA. Account of total Net Receipts	...	...	...	...	10
XVIIIB. Interest Account	...	...	...	...	10
XVIII. Capital Account	...	...	...	...	10
Abstract of Principal Commodities	...	...	...	...	11 to 14
Certificates by Departmental Officers of the Company & Consulting Engineer for Railways	...	...	...	...	15
Analysis of Working Results for the half-year—					
A. Passenger Traffic	...	...	...	...	16
B. Goods Traffic	...	...	...	...	

BEZVADA EXTENSION RAILWAY.

PART I.

No. I.

Statement of Capital outlay authorized. Half-year ended
31st December 1893.

No.	Date of sanction.	Sanctioning authority.	Nature of Estimate.	Amount.
275 R. C.	1st April 1890	Government of India.	Construction of Line. A length of 21.47 miles, excluding sidings, the aggregate length of which is miles 4.41.	Rs. 14,31,747

Abstract of the Preceding Table.

Main head of Account.	Sanctions by						Total.
	Secretary of State.	Government of India.					
		Rs.					Rs.
Preliminary Expenses		15,814					15,814
Land		46,543					46,543
Formation		1,72,606					1,72,606
Bridge-work		1,01,862					1,01,862
Fencing &c.		17,278					17,278
Electric Telegraph...		2,148					2,148
Ballast and Permanent-way.		6,22,512					6,22,512
Stations and Buildings		2,97,866					2,97,866
Plant		16,096					16,096
Ferries &c....		...					...
Rolling Stock		24,384					24,384
General Charges		1,14,603					1,14,603
Loss by Exchange		...					...
Reserve to meet further outlay		...					...
Total Rs.		14,31,747					14,31,747

No. V.

Details of Capital Expenditure for the half-year ending
31st December 1893.

Lines opened for Traffic more than two years.	Rs.								Rs.
Preliminary Expenses	...	...	...	...	...	...	...	...	
Land	...	...	...	...	...	...	...	...	
Formation	...	...	...	...	...	...	...	...	
Bridge Work	...	...	...	...	...	...	...	...	
Fencing &c.	...	...	...	...	...	...	...	...	
Ballast and Permanent-way	...	...	...	...	...	...	...	...	
Stations and Buildings	...	...	...	...	...	...	...	...	
Plant	...	...	...	...	...	...	...	...	
General Charges	...	...	...	...	...	...	...	...	
									Nil.
Lines opened for Traffic less than two years.									
Nil.									
Lines in course of construction.									
Nil.									
Working Stock.—									
Locomotive Stock	...	...	...	...	...	...	...	...	}
Carriage and Wagon Stock	...	...	...	...	...	...	...	...	
									...
Docks, steam boats, and other special items.									
Nil.									
Total Expenditure of half-year, Rs.	...	...	...	...	...	...	...	...	...

No. VI.

Estimate of Further Expenditure on Capital Account.

	Total expenditure from commencement of operations to end of half-year.	Further Expenditure.		
		During the following half-year.	In subsequent half-years.	Total.
<i>Lines opened for traffic more than two years.</i>				
	Rs.	Rs.	Rs.	Rs.
Preliminary Expenses	15,319	...	...	...
Land	47,109	...	...	...
Formation	1,75,513	...	...	...
Bridge Work	1,01,572	4,210	2,723	0,933
Fencing &c.	19,786	...	...	...
Ballast and Permanent-way	6,12,467	790	...	790
Stations and Buildings	3,02,566	1,600	4,341	5,941
Plant	2,463	...	...	...
General Charges	1,17,275	...	...	...
Total	14,01,072	6,600	7,064	13,664
<i>Lines opened for traffic less than two years.</i>				
Nil.	...	...	...	...
<i>Lines in course of Construction.</i>				
Nil.	...	...	...	...
Total	14,01,072	6,600	7,064	13,664
<i>Working Stock.</i>				
Locomotive Stock... ..	...	...	...	...
Carriage and Wagon Stock	20,384	...	...	...
Total	20,384	...	...	...
<i>Docks, Steam-boats, and other items.</i>				
Steamers	...	...	...	...
Flats	...	...	...	...
Jetties	...	...	...	...
Subscription to other Railways	...	...	...	...
Works not yet commenced and in abeyance	...	...	...	...
Other items	...	...	...	...
Loss by Exchange	...	...	...	...
Total expenditure to end of half-year Rs...	14,21,456	...	...	...
Total estimated further expenditure on Capital. Rs...	...	6,600	7,064	13,664

BEZVADA EXTENSION RAILWAY.

PART II.
No. VIII.

REVENUE ACCOUNT FOR THE HALF-YEAR ENDING 31st DECEMBER 1893.

Cr.

Dr.

EXPENDITURE.				EARNINGS.			
Half-year ending 31st Decr. 1892.	Rs.	a.	p.	Half-year ending 31st Decr. 1893.	Rs.	a.	p.
Per cent on Gross Receipts.				Abstract			
To Maintenance of Way, Works and Stations	13,084	4	6	A	15,457	5	5
" Locomotive Expenses	7,055	9	9	B	7,561	3	6
" Carriage and Wagon Expenses	2,135	1	4	C	2,061	10	9
" Traffic Expenses	4,228	5	10	D	4,637	1	9
" General Charges	6,068	12	5	E	6,137	7	6
" Steam Boat Service	...	...	...	F	...	...	...
" Special and Miscellaneous Expenditure	3,132	7	2	G	3,212	1	10
Balance or Net Earnings	35,851	9	3		32,066	14	9
	17,418	5	3		15,469	2	8
	53,272	14	8		54,535	1	5
Per cent on Gross Receipts.	24.56				100.00		
	13,084	4	6		15,457	5	5
	7,055	9	9		7,561	3	6
	2,135	1	4		2,061	10	9
	4,228	5	10		4,637	1	9
	6,068	12	5		6,137	7	6
	...	...	...		...	...	...
	3,132	7	2		3,212	1	10
	35,851	9	3		32,066	14	9
	17,418	5	3		15,469	2	8
	53,272	14	8		54,535	1	5

Note 1. The following items have been distributed over the proper heads of accounts to which they refer—

31st Decr. 1892.

Five per cent. of gross earnings for hire of rolling stock	2,725	12	1
Income tax on staff of the Bezvada Extension Railway	37	1	6
Salary and travelling allowance of Government of India Audit Staff	4,71	6	1
Total	3,197	3	8

31st Decr. 1893.

Five per cent. of gross earnings for hire of rolling stock	2,725	12	1
Income tax on staff of the Bezvada Extension Railway	37	1	6
Salary and travelling allowance of Government of India Audit Staff	4,71	6	1
Total	3,197	3	8

E. H. DWANE,

Chief Accountant and Auditor,
M. H. the N. G. S. Ry. Co., Ltd.

D. W. MCPHERSON,

Assistant Accountant,
M. H. the N. G. S. Ry. Co., Ltd.

W. PENDLERBURY,

Assistant and Station Master,
M. H. the N. G. S. Ry. Co., Ltd.

5

No. IX.

ABSTRACT A.

Maintenance of Way, Works and Stations.

Corresponding previous half-year.	Rs.	a.	p.	Rs.	a.	p.
2,271	7	0		2,212	3	6
7,278	13	11		9,439	3	8
2,029	7	2		1,108	1	0
17	9	0		2	13	9
1,151	11	7		1,875	7	7
74	13	11		102	1	0
260	5	11		717	6	11
13,084	4	6		15,457	5	5
13,084	4	6		15,457	5	5

I—General Superintendence—

(1) Engineers' salaries	773	14	7
(2) Allowances of ditto, including travelling	197	8	6
(3) Subordinate Superintendents	631	0	7
(4) Allowances of ditto, including travelling	...	...	...
(5) Overtime allowances	...	...	...
(6) Office expenses	639	11	10

II—Maintenance & Renewal of Permanent-way—

(1) Wages	4,236	7	5
(2) Materials	5,202	12	3

III—Repairs of bridges, &c.—Wages & Materials—

(1) Bridges and Tunnels	699	10	0
(2) Miscellaneous including earth-work, roads, fencing, &c.	408	7	0

III—(A)—Conservancy of Rivers—

	2	13	9
--	---	----	---

IV—Repairs of Stations and Buildings—Wages and Materials—

(1) Repairs of buildings of every description, including station-yards & signals but excepting quarters of the staff	232	7	2
(2) Repairs of staff quarters	1,593	0	5

V—Maintenance by Contract—

(1) Amount paid to Contractors	...	...	...
(2) Materials supplied by the Company	...	...	...

VI—New Minor Works—

	102	1	0
--	-----	---	---

VII—Unclassified Expenditure—

(1) Plantations	42	0	0
(2) Tools and Plant	163	8	11
(3) Loss on Stores, &c.	...	...	...
(4) Loss by exchange	...	...	...
(5) Carriage of Revenue Stores	511	14	0

Deduct—Value of stores returned to stock, &c.

Mean mileage maintained by Revenue—

Railway Line	Double	Single	Miles.	feet.	Miles.	feet.	Total.	feet.
Sidings	...	...	21	2490	...	...	21	2490
	...	...	4	2190	...	...	4	2190

Total Single track, including sidings ... 25 4680

Cost per mile of track, including sidings ... Rs. 597-04

ABSTRACT H. **Coaching Traffic.**

Corresponding previous half-year.					First Class.		Second Class.		Third Class.				TOTAL.	
No.	R.	A. P.	Tariff mileage fares.	Single Return.	18 pica.	27 "	6 pica.	9 "	By Mail Trains.	By Other Trains.	...	...	No.	Amount.
					No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
					R.	A. P.	R.	A. P.	R.	A. P.	R.	A. P.	R.	A. P.
66,334	11,45	6 6	I.—Passenger.		73	133 4 0	113	150 4 1	...	...	71,400	12,291 6 11	71,791	12,614 3 0
...	6	6 8	Single journeys		...	...	...	...	...	...	...	...	...	...
...	6	6 8	Excess fares		...	...	...	...	...	...	...	...	...	...
503	23	4 7	Return journey		52	69 8 2	96	123 9 8	...	...	...	...	338	193 1 10
1,300	28	11 8	Troops & Police		3	4 11 3	52	29 7 3	...	...	1,845	392 9 7	1,900	420 12 1
68,220	12,10	11 7	Total		123	211 1 2	151	313 9 6	...	...	73,245	12,737 5 6	74,021	13,227 15 7
1	4 10	1	Correspondence in period of Decr. / Jan.		210	326 10 5	71	294 4 3	...	...	67,314	11,486 14 9	68,230	12,103 13 5
...	...	...	Season Tickets		...	...	...	...	...	...	...	...	...	...
1,034	331	5 4	II.—PASSENGERS' LUGGAGE		...	...	...	...	...	...	...	...	...	...
14	4 1	0	III.—MILITARY BAGGAGE		...	...	...	...	...	...	...	...	...	...
4	16 9	1	IV.—CARRIAGES, HORSES, DOGS, &c.—		...	...	...	...	...	...	...	...	...	...
21	47 2	11	(1) Carriages		...	...	...	...	...	...	...	...	...	...
95	19 10	1	(2) Horses		...	...	...	...	...	...	...	...	...	...
...	...	...	(3) Dogs		...	...	...	...	...	...	...	...	...	...
...	...	...	V.—MILITARY, CARRIAGES, HORSES, &c.—		...	...	...	...	...	...	...	...	...	...
...	...	...	(1) Carriages		...	...	...	...	...	...	...	...	...	...
...	...	...	(2) Horses		...	...	...	...	...	...	...	...	...	...
...	...	...	(3) Dogs		...	...	...	...	...	...	...	...	...	...
709	163	7 8	VI.—PARCELS—		...	...	...	...	...	...	...	...	...	...
3	1 8	2	(1) For the Public		...	...	...	...	...	...	...	...	...	...
...	...	...	(2) For Revenue		...	...	...	...	...	...	...	...	...	...
...	...	...	VII.—SPECIAL TRAINS		...	...	...	...	...	...	...	...	...	...
...	...	...	VIII.—TROLLEYS		...	...	...	...	...	...	...	...	...	...
...	3	3 0	IX.—MISCELLANEOUS		...	...	...	...	...	...	...	...	...	...
...	...	...	IX.—POST OFFICE.—		...	...	...	...	...	...	...	...	...	...
...	...	...	(1) Haulage and hire of Post Office Vehicles		...	...	...	...	...	...	...	...	...	...
...	...	...	(2) Special trains		...	...	...	...	...	...	...	...	...	...
...	...	...	(3) Parcels		...	...	...	...	...	...	...	...	...	...
...	12,791	1 3	Total		...	...	...	...	...	...	...	...	14,017	13 11
...	...	...	Less—Outstandings irrecoverable		...	...	...	...	...	...	...	...	...	...
...	12,791	1 3	Total		...	...	...	...	...	...	...	...	14,017	13 11

N. B.—One season ticket is equivalent to 40 tickets.

ABSTRACT I. **Goods Traffic.**

Corresponding previous half-year.													
Amount.	Ton miles.	Average rate per ton per mile.	No. of tons lifted.	No. of tons lifted.	Average rate per ton per mile.	Ton miles.	Amount.	No. of tons lifted.	Average rate per ton per mile.	Ton miles.	Amount.	No. of tons lifted.	Average rate per ton per mile.
Rs. a. p.	Pics.	Rs. a. p.	Pics.	Rs. a. p.	Pics.	Rs. a. p.	Pics.	Rs. a. p.	Pics.	Rs. a. p.	Pics.	Rs. a. p.	Pics.
24,732 15 8	407,776	11-65	19,203	I.—MERCHANDISE, GENERAL...	12,365	12-73	255,497	16,939	1 3	...	...	...	...
...	...	...	...	II.—MILITARY STORES	...	...	...	...	...	...	...	...	...
42 0 0	1,213	6-65	.61	III.—RAILWAY MATERIALS FOR CONSTRUCTION	34	6-00	602	16 13	0	...	...	...	...
24,774 15 8	408,989	11-63	19,264	...	12,399	12-71	256,099	16,957	14 3	...	...	...	...
14,780 8 0	461,620	6-15	21,474	IV.—COAL—	...	...	...	...	...	...	...	...	...
...	...	...	...	(1) For the Public	31,999	6-14	687,967	22,008	13 0	...	...	...	...
...	...	...	...	(2) For the Company 'Construction only'	20	7-62	427	16 15	0	...	...	...	...
357 15 0	16,729	4-11	778	(3) For Locomotive Department (Revenue only)	1,037	4-19	22,305	436	8 0	...	...	...	...
...	...	...	...	(4) For other Depts.	...	...	...	...	...	...	...	...	...
15,138 7 0	478,419	6-08	22,252	Total Coal	33,056	6-08	710,699	22,512	4 0	...	...	...	...
60 3 0	6,498	1-78	303	V.—REVENUE STORES—	...	...	...	...	...	...	...	...	...
...	...	...	...	(1) For all Depts. excepting Loco: fuel	3,840	2-26	47,851	562	6 0	...	...	...	...
60 3 0	6,498	1-78	303	(2) Wood and patent fuel for Loco: Department	...	...	...	...	...	...	...	...	...
39,973 9 8	893,906	8-59	41,819	Total	3,840	2-26	47,851	562	6 0	...	...	...	...
...	...	...	...	Total Goods	49,295	7-58	1,011,629	40,032	8 3	...	...	...	...
...	...	...	...	VI.—LIVE STOCK—	...	...	...	...	...	...	...	...	...
9 5 0	...	...	5	(1) Horses	...	...	...	...	...	...	...	...	...
...	...	...	...	(2) Cattle	...	...	...	...	...	...	...	...	...
9 5 0	...	...	5	(3) Sheep, &c.	...	...	...	...	...	...	...	...	...
...	...	...	...	Total	...	...	...	...	...	...	...	...	...
...	...	...	...	VII.—MILITARY LIVE STOCK—	...	...	...	...	...	...	...	...	...
...	...	...	...	(1) Horses	...	...	...	...	...	...	...	...	...
...	...	...	...	(2) Cattle	...	...	...	...	...	...	...	...	...
...	...	...	...	(3) Sheep, &c.	...	...	...	...	...	...	...	...	...
128 8 0	...	...	...	Total	...	...	...	...	...	...	...	...	...
22 0 0	...	...	...	VIII.—RENTS AND DEMURRAGE, WHARFAGE, STORAGE, &c.	...	...	125	1 0	...	...	...	...	...
150 8 0	...	...	...	IX.—INTEREST ON OUTSTANDING BILLS	...	...	...	...	...	...	...	...	...
40,133 6 8	...	...	...	X.—MISCELLANEOUS	...	...	...	...	...	...	...	...	...
...	...	...	...	Total	...	...	40,157	9 3	...	...	...	...	...
40,133 6 8	...	...	...	Less—Outstandings irrecoverable	...	...	...	...	...	...	...	...	...
...	...	...	...	Total	...	...	40,157	9 3	...	...	...	...	...

ABSTRACT J. **STEAM BOAT EARNINGS.**

Nil.

No. X—concluded.

ABSTRACT K.

Sundries.

Corresponding previous half-year.						Amount.							
Rs.	a.	p.	Rs.	a.	p.		Rs.	a.	p.	Rs.	a.	p.	
...	...	...	...	...	...	{ Hire of locomotives ... { Gross Receipts ..	...	...	...	...	...	...	
...	...	...	...	...	...		...	...	...	...	...	...	
...	...	...	...	...	...	{ „ of vehicles ... { Gross Receipts ..	...	...	...	...	...	...	
...	...	...	...	...	...		...	...	...	...	...	...	
...	...	...	...	...	...	{ Mileage and demurrage of { Gross Receipts ..	...	...	...	...	...	...	
...	...	...	...	...	...		vehicles over Foreign lines. { Gross Charges ..	...	...	...	...	...	
...	...	...	...	...	...	{ Rent of Stations, &c., jointly { Gross Receipts ..	...	...	...	...	...	...	
...	...	...	...	...	...		occupied ... { Gross Charges ..	...	...	...	...	...	
...	...	...	Rents of Dwelling-houses ...						...	...	...	...	
...	...	...	Rents of Refreshment-rooms and licenses for selling fruits &c. at stations..						...	...	...	...	
1	4	0	Sale of unclaimed and damaged goods ...						...	...	...	...	
53	14	3	Unpaid or unclaimed salaries ...						...	...	12	8	0
16	6	6	Excess cash ...						...	...	3	13	3
...	...	...	Sale of grass ...						...	...	...	...	...
...	...	...	Sale of Revenue Stores—						...	...	...	...	...
...	...	...	Rs.	a.	p.	...	...	...	...	Rs.	a.	p.	
...	...	...	...	...	...	1. Maintenance ...	...	...	...	...	...	...	
...	...	...	...	...	...	2. Locomotive ...	...	...	...	...	...	...	
...	...	...	...	...	...	3. Carriage and Wagon ...	...	...	...	...	...	...	
...	...	...	...	...	...	4. Traffic ...	...	...	...	...	...	...	
...	...	...	...	...	...	5. General ...	...	...	...	...	...	...	
...	...	...	Miscellaneous ...						...	...	...	...	...
76	8	9	Total ...						...	...	16	5	3
...	...	...	Less—Outstandings irrecoverable... ..						...	...	...	...	...
76	8	9	Total ...						...	...	16	5	3

No. XIII.

Mileage Statement.

	Double Lines.		Single Lines.		Total.		Sidings.	
	Miles.	Ft.	Miles.	Ft.	Miles.	Ft.	Miles.	Ft.
Lines sanctioned not commenced	...	...	...	...	...	...	...	...
„ under construction	...	...	...	...	...	...	...	...
„ constructed but not worked... ..	...	...	...	...	...	...	...	...
„ do. and worked by N. G. S. Ry. Company..	...	21 2490	21 2490	21 2490	4 2190	2190		
„ do. and worked by others	...	...	...	...	...	...	...	...
Total ...	...	21 2490	21 2490	21 2490	4 2190	2190		
Total mean mileage worked during the half-year..	...	21 2490	21 2490	21 2490	4 2190	2190		

No. XIV.

Statement of Train Mileage.

Estimated Loco: expenses.	Miles.		Miles.	Estimated Loco: expenses.
Rs.				Rs.
...	...	1. Train miles run for Public Traffic ... 2. Train miles run for Locomotive Department ... 3. Do. for Maintenance ...	...	...
527	614		...	...
5,245	8,096		1,870	1,044
...	...		8,096	4,520
...	...		...	...
57	89	...	...	...
5,829	8,998	Total Train-mileage...	9,966	5,564
...	...	4. Miles of assisting engines (actual distance) ...	...	...
1,050	1,621	5. Miles of engines shunting and standing in steam for traffic purposes, calculated at 5 miles an hour ...	3,246	1,813
157	212	6. Miles run for miscellaneous services (actual distance) ...	330	184
1,207	1,863	Total Miscellaneous engine-mileage...	3,576	1,997
7,036	10,861	Total Engine-mileage...	13,542	7,561
Passenger Train-miles ...	...	Goods Train-miles ...	1,870	
Proportion of Mixed mileage due to Passenger ...	3,125	Proportion of Mixed mileage due to Goods ...	4,971	
Proportion of Light mileage... ..	...	Train-miles run for Engineering Department ...	...	
Total ...	3,125	Total ...	6,811	

No. XVII.

Dr.		Net Revenue Account.		Cr.	
	Rs.	s. p.		Rs.	s. p.
To interest on capital outlay at 4 per cent	28,429	2 0	By net earnings of the half-year as per Form VIII.	15,468	2 S
			By balance being net loss to Govt. ...	12,960	15 4
Total...	28,429	2 0	Total ...	23,429	2 0

Dr. **Account of Total Net Receipts.** Cr.

	Rs.	A.	P.		Rs.	A.	P.
To net earnings to end of previous half-year...	1,08,194	8	8	By amount outstanding at debit of Traffic Account...	...	...	...
„ net earnings for current half-year ...	15,468	2	8	„ amount outstanding at debit of Revenue Suspense...	...	...	...
„ amount of demands payable at end of half-year..	...	...	...	„ amount of net receipts ...	1,23,662	10	11
Total ...	1,23,662	10	11	Total...	1,23,662	10	11

No. XVII. B.

Dr. **Interest Account.** Cr.

	Rs.	A.	P.		Rs.	A.	P.
To amount of net receipts from account No. XVII. A. ...	1,23,662	10	11	By interest to end of previous half-year ...	2,99,200	14	9
„ balance excess of interest on capital over net receipts ...	2,03,967	5	10	„ interest during current half-year ...	28,429	2	0
Total ...	3,27,630	6	9	Total...	3,27,630	6	9

No. XVIII.

Dr. **Capital Account.** Cr.

	Rs.	A.	P.		Rs.	A.	P.
To expenditure incurred in India ...	11,11,607	14	8	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 ...	15,319	1	11
Stores ...	2,97,848	4	8	Land ...	47,108	15	8
Miscellaneous ...	12,000	0	0	Formation... ..	1,75,512	10	6
To charge for exchange on payments in England. ...	...	...	...	Bridge-work ...	1,01,790	0	1
To charge for leave and pension allowances ...	...	...	...	Fencing &c. ...	19,877	11	5
To charge for capitalization of abatement of land revenue ...	13,441	11	7	Ballast and Permanent-way ...	6,14,631	1	7
				Stations and Buildings ...	3,02,565	8	0
				Plant ...	9,463	10	5
				Rolling Stock ...	20,384	0	0
				General Charges ...	1,17,275	3	7
Total Rs...	14,34,897	14	6	Total ...	14,23,927	15	2
				Less—Receipts on Capital Account.	2,471	12	3
				Net Capital outlay ...	14,21,456	2	11
				Add—Charge for leave and pension allowances...	...	...	...
				Add—Charge for capitalization of abatement of land revenue.	13,441	11	7
				Total Rs..	14,34,897	14	6

Abstract of the Principal Commodities carried during the Half-year ending 31st December 1893.

Description of Goods.	Quantity.		Receipts.		Quantity.		Receipts.	
	2nd Half of				Increase.	Decrease.	Increase.	Decrease.
	1892.	1893.	1892.	1893.				
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
I. Coal and Coke carried for the public & foreign Railways ...	21,474	31,999	14,781	22,009	10,525	...	7,228	...
II. Cotton, raw ...	221	56	471	128	...	165	...	343
III. Cotton, manufactured—								
1. Twist & Yarn, European...	...	...	...	...	...	...	...	...
2. do. Indian ...	13	2	34	5	...	11	...	29
3. Piece-goods, European ..	16	27	37	63	11	...	26	...
4. do. Indian ...	192	193	495	462	1	...	...	13
IV. Drugs and Chemicals—								
1. Intoxicating, other than opium ...	...	...	...	...	...	...	...	...
2. Non-intoxicating—								
(a) Cinchona bark ...	...	...	...	...	...	...	...	...
(b) Others ...	21	16	55	31	...	5	...	24
V. Dyos and Tans—								
1. Indigo ...	8	...	18	1	...	8	...	17
2. Myrabolams ...	1	...	1	...	...	1	...	1
3. Cutch ...	...	...	...	...	...	...	...	...
4. Turmeric ...	...	6	...	11	6	...	11	...
5. Aniline dyes ...	1	1	2	2	...	...	...	...
6. Tanning bark ...	228	241	438	530	13	...	42	...
7. Others ...	9	5	17	10	...	4	...	7
VI. Grains & Pulse—								
1. Wheat ...	57	12	54	11	...	45	...	43
2. Rice in the husk...	...	16	...	30	...	1,426	...	1,366
3. Rice not in the husk ...	1,920	478	2,049	652	...	...	...	2,089
4. Jawari and Bajra ...	1,645	354	2,557	468	...	1,291	...	...
5. Gram and pulse ...	11	16	14	18	5	...	4	...
6. Others ...	331	260	516	354	...	121	...	162
VII. Hides and Skins—								
1. Hides of cattle—								
(a) Dressed or tanned...	...	...	...	1	...	...	1	...
(b) Raw ...	24	5	32	13	...	19	...	19
2. Skins of Sheep &c.—								
(a) Dressed or tanned...	...	...	...	...	...	...	...	...
(b) Raw ...	...	25	58	50	...	21	...	8
Carried over ...	26,268	33,712	21,678	24,864	10,561	3,117	7,312	4,121

Description of Goods.	Quantity.		Receipts.		Quantity.		Receipts.	
	2nd Half of				Increase.	Decrease.	Increase.	Decrease.
	1892.	1893.	1892.	1893.				
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Brought forward ...	26,268	33,712	21,678	24,869	10,561	3,117	7,312	4,121
VIII. Horns ...	20	8	27	14	...	12	...	13
IX. Jute—								
1. Raw ...	1	1	1	3	...	...	2	...
2. Gunny bags and Cloth, &c	136	105	228	176	—	31	...	52
X. Lac—								
1. Stick ...	...	...	...	...	...	...	...	...
2. Shell ...	...	...	...	...	...	...	...	...
XI. Leather, Manufactured...	...	...	1	...	2	1	...	2
XII. Liquors—								
1. Beer ...	1	4	2	4	3	...	2	...
2. Spirits ...	5	5	9	12	...	...	3	...
3. Wines ...	...	2	...	6	2	...	6	...
XIII. Metals—								
1. Copper, unwrought	2	2	2	2	...	...	...	...
2. Brass, unwrought	1	3	1	3	2	...	2	...
3. Copper, wrought...	33	5	48	9	...	9	...	9
4. Brass, wrought ...	...	19	...	30	...	...	...	...
5. Iron ...	3,047	202	2,498	341	...	2,845	...	2,157
6. Others ...	90	66	18	153	...	24	137	—
XIV. Oils—								
1. Kerosine ...	556	257	791	397	...	299	...	394
2. Castor ...	4	3	9	7	...	1	...	2
3. Cocoonut...	...	31	...	56	...	116	...	227
4. Others ...	164	17	316	33	...	...	...	...
XV. Oil-seeds—								
1. Linseed ...	...	...	...	...	...	...	...	...
2. Rape and Mustard	...	...	...	1	...	...	1	...
3. Til or Jinjili ...	202	48	287	55	...	154	...	232
4. Poppy ...	...	...	...	...	...	...	...	...
5. Earth-nuts ...	...	1	...	1	1	...	1	...
6. Castor ...	3,344	3,080	4,063	3,618	...	264	...	445
7. Others ...	113	...	242	...	...	113	...	242
XVI. Opium ...	8	9	26	29	1	...	...	3
XVII. Paper and Paste-board	3	4	9	12	1	...	...	3
Carried over ...	33,999	37,585	30,255	29,835	10,572	6,985	7,474	7,894

Description of Goods.	Quantity.		Receipts.		Quantity.		Receipts.	
	2nd Half of				Increase.	Decrease	Increase.	Decrease
	1892.	1903.	1892.	1893.				
	Tons.	Tons.	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Brought forward ..	33,998	37,585	30,255	29,835	10,572	6,985	7,474	7,894
XVIII. Provisions—								
1. Ghee	2	2	5	5	...	...	...	...
2. Dried fruits and Nuts ...	1,147	1,174	1,491	1,443	27	...	...	38
3. Fresh fruits & vegetables.	39	31	70	58	...	8	...	12
4. Others	62	29	67	67	...	3	...	...
XIX. Railway Plant and Rolling Stock carried for the Public and Foreign Railways.—								
1. Loco: Engines & tenders.		6		13				
2. Carriages and trucks ..		...		...				
3. Materials for Construction	175		161		...	151	...	120
(a) Wooden Sleepers ..		...		...				
(b) Other sorts...		18		23				
XX. Salt	2,837	2,408	3,570	3,009	...	429	...	561
XXI. Saltpetre &c.—								
1. Saltpetre	...	...	...	...	...	...	...	...
2. Other Saline substances...	...	...	...	...	...	...	...	...
XXII. Silk, Raw—								
1. Foreign	...	...	...	...	...	...	...	...
2. Indian	...	...	...	...	...	...	...	...
XXIII. Silk, Piece-Goods—								
1. Foreign	...	...	...	...	...	...	...	...
2. Indian	...	...	...	1	...	...	1	...
XXIV. Spices—								
1. Betel-nuts	...	5	...	9	5	...	9	...
2. Pepper	...	...	...	...	...	...	...	...
3. Ginger	...	1	...	3				...
4. Chillies	...	307	...	595	...	49	...	143
5. Cardamoms	...	...	...	...				
6. Others	424	67	859	118				
XXV. Stone and Lime...	169	14	197	14	...	155	...	163
XXVI. Sugar—								
1. Refined or crystalized in- cluding sugar-candy ...	1	2	1	2	1	...	1	...
2. Unrefined, viz: mollasses and jaggery or gur and other saccharine produce	346	95	608	185	...	251	...	423
Carried over...	39,170	41,741	37,274	35,395	10,605	8,031	7,485	9,374

Description of Goods.	Quantity.		Receipts.		Quantity.		Receipts.	
	2nd Half of				Increase.	Decrease.	Increase.	Decrease.
	1892.	1893.	1892.	1893.				
	Tons.	Tons	Rs.	Rs.	Tons.	Tons.	Rs.	Rs.
Brought forward ..	39,170	41,744	37,274	35,338	10,605	8,031	7,185	9,374
XXVII. Tea—								
1. Foreign	...	...	...	...	...	...	...	...
2. Indian	...	...	...	...	...	...	1	...
XXVIII. Timber.—								
1. Firewood	104	412	104	410	303	...	306	...
2. Bamboos and Rafters ..	51	552	50	356	501	...	306	...
3. Timber	636	608	897	779	...	78	...	92
XXIX. Tobacco—								
1. Unmanufactured	374	790	...	1,416	426	...	757	...
2. Manufactured		...	...	...		...	...	
(a) Cigars		10	...	15		...	...	
(b) Other sorts... ..		...	...	...		...	...	
XXX. Wool, Raw	1	1	2	3	...	...	1	...
XXXI. Wool, Manufactured—								
1. Piece-goods, European ..	...	...	...	...	...	...	...	...
2. Piece-goods, Indian ...	3	1	6	1	...	2	...	5
3. Shawls	...	...	...	...	...	...	...	...
XXXII. All other articles of merchandise—								
1. Earthen-ware, Glass and Porcelain	5	8	14	25	3	...	11	...
2. Furniture and Luggage ..	32	47	87	124	14	...	37	...
3. Gums and Resins	3	5	5	10	2	...	5	...
4. Grass, Kibbee, &c.	...	...	...	...	...	...	...	...
5. Other articles	247	186	431	427	...	61	...	4
Total Public Traffic...	40,677	41,364	59,514	32,948	11,659	8,172	8,909	9,475
Coal for Construction	...	20	...	17	20	...	17	...
Do. Revenue	778	1,037	358	487	259	...	129	...
Railway Materials for Construction...	61	34	42	19	...	27	...	23
Do. do. Revenue *	303	3,840	60	562	3,537	...	502	...
Live Stock for Public	...	...	9	...	...	...	...	9
Do. Military Department...	...	...	...	...	...	...	...	...
Rents, Demurrage and miscellaneous ..	...	...	150	125	...	...	...	25
Total	41,819	49,295	40,133	40,158	15,675	8,199	9,557	9,532
Net Decrease	...	...	...	...	...	...	...	...
Net Increase	...	...	...	...	7,476	...	25	...

* Includes materials carried by L.M.S. trains.

Bezvada Extension Railway.

Certified that the foregoing accounts of Bezvada Extension Railway for the half-year ending 31st December 1893 are correct, and have been prepared strictly in accordance with the orders in force.

D. W. MC PHERSON,
EXAMINER OF ACCOUNTS,
East Coast Railway.
Dated 27th March 1894.

E. H. DWANE,
CHIEF ACCOUNTANT & AUDITOR.
Dated 21st March 1894.

Certificate respecting the Permanent-way, &c.

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

C. B. DUNLOP,
Chief Engineer.

Dated 6th March 1894.

H. H. the N. G. S. Rys. Co., Ltd.

I hereby confirm the certificates given above by the Departmental Officers.

I hereby confirm the certificates given above by the Railway Departmental Officers.

W. PENDLEBURY,
Agent and Manager.

Dated 7th March 1894.

F. R. UPCOTT,
Government Inspector and
Consulting Engineer for Railways, Madras.
Dated 10th March 1894.

Bezvada Extension Railway.*Analysis of the Working Results for the half-year ending 31st December 1893.***(A)—Passenger Traffic.**

Corresponding previous half-year.						
21-47	Average length open...	...	...	...	Miles.	21-47
12,794	(1) Receipts from Coaching traffic	...	...	...	Rs.	14,018
3,986	(2) Passenger train-miles run	...	...	...	No.	3,125
3-21	(3) Average passenger train-miles receipts	...	...	...	Rs.	4-49
1,182,258	(4) Number of passengers carried one mile	Passengers Other Coaching Receipts. 1,239,773 67,097			No.	1,506,870
17	(5) Average sum received for carrying a passenger one mile	...	...	...	Ans.	17
297	(6) Average number of passengers in a train at any one time	...	...	...	No.	413
51	(7) Average number of passenger trains per diem each way, supposing each train to traverse the whole line open	...	...	...	"	40
299	(8) Average number of passengers passing over each mile of line daily (both ways)	...	...	...	"	321
35,381	(9) Total working expenses for both goods and passengers, deducting from them telegraph, special & miscellaneous receipts, and demurrage on goods	...	...	...	Rs.	38,582
3-93	(10) Average cost of running a train-mile: passengers and goods miles assumed to cost the same...	...	...	...	"	3-67
21	(11) Average cost of carrying a passenger one mile	...	...	...	Ans.	14

(B)—Goods Traffic.

21-47	Average length open	...	...	...	Miles.	21-47
40,005	(1) Receipts from goods traffic, exclusive of demurrage on goods	...	...	...	Rs.	40,033
5,012	(2) Goods train-miles run	...	...	...	No.	6,641
7-98	(3) Average goods train-mile receipts	...	...	...	Rs.	5-65
893,933	(4) Tons of goods carried one mile	...	...	...	Tons.	1,014,640
72	(5) Average sum received for carrying one ton one mile	...	...	...	Ans.	63
178-36	(6) Average number of tons in a goods train at any one time	...	...	...	Tons.	148-32
64	(7) Average number of goods trains per diem each way supposing each train to run over the whole line open	...	...	...	No.	87
226	(8) Average number of tons of goods passing over each mile of line daily (both ways)	...	...	...	Tons.	257
35,381	(9) Total working expenses for both goods & passengers, deducting from them telegraph, special & miscellaneous receipts, & demurrage on goods	...	...	...	Rs.	38,562
3-93	(10) Average cost per train-mile: goods & passenger miles: assumed to cost the same.	...	...	...	"	3-67
35	(11) Average cost of carrying a ton of goods one mile...	...	...	...	Ans.	42

CHIEF ACCOUNTANT AND AUDITOR'S OFFICE,

Dated 21st March 1894.

E. H. DWANE,

Chief Accountant and Auditor.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

Brief note on the Capital and Revenue Accounts of the Bezvada Extension Railway,
for the half-year ended the 31st December 1893.

The following table shows the principal features of the working during the last
five half-years:—

	Second half of 1891.	First half of 1892.	Second half of 1892.	First half of 1893.	Second half of 1893.
Mean mileage worked	21	21	21	21	21
Gross earnings	Rs. 47,701	Rs. 45,506	Rs. 53,373	Rs. 53,553	Rs. 54,625
Working expenses	Rs. 33,589	Rs. 34,577	Rs. 35,555	Rs. 35,346	Rs. 35,057
Net earnings	14,112	10,929	17,818	18,504	19,568
Gross earnings per open mile per week	88.41	83.34	97.57	98.63	99.88
Percentage of expenses to receipts	70.41	75.98	67.80	65.84	71.64
Train mileage	9,564	10,888	8,998	10,998	9,968
Gross earnings per train mile	Rs. 4.987	Rs. 4.281	Rs. 5.920	Rs. 4.897	Rs. 5.473
Passenger traffic (exclusive of troops and police and season tickets)—					
Number { First class	155	118	210	141	130
{ Second	616	567	645	545	599
{ Third	63,127	60,908	65,986	70,811	71,400
Total	63,908	61,591	66,840	71,397	72,129
Receipts { First class	Rs. 238	Rs. 164	Rs. 329	Rs. 230	Rs. 206
{ Second	287	262	273	262	220
{ Third	10,797	10,444	11,215	12,348	12,345
Total	11,322	10,870	11,817	12,835	12,871
Goods traffic (exclusive of railway materials, military stores, coal and revenue stores)—					
Tons lifted	18,455	17,614	19,203	18,509	12,365
Ton miles	324,394	372,688	407,776	381,289	255,497
Receipts	Rs. 21,368	Rs. 21,734	Rs. 24,732	Rs. 24,081	Rs. 16,939

2. The gross earnings exceeded those of the corresponding period of 1892 by Rs. 1,262, mainly due to improvement in passenger traffic.

3. The working expenses have increased by Rs. 3,212, of which Rs. 2,373 is accounted for by maintenance. The percentage of expenses to receipts has risen from 67.30 to 71.64.

4. The number of train miles run shows an increase, principally caused by the running of extra goods trains; the receipts per train mile fell from Rs. 5.920 to 5.473.

5. In passenger traffic the increase is due to improvement in third-class traffic. The decrease under merchandise, general, is ascribed to grains and pulses and metals. Under coal traffic there is a large increase both in the tonnage and load.

6. The net revenue for the half-year under review gives a return of 2.18 per cent. per annum on the capital outlay.

(Signed) F. R. UPCOTT,
Consulting Engineer for Railways.

Madras —
7th April 1893

A. No. 245 R of 23-4-94

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Capital and Revenue
Accounts Bangalore 245
for the half year
ended the 31st Decr 1893
with brief note thereon

H. E. N. — 97th April 1894

Ordered that to be
forwarded to the Govt of
India and to the Secretary
of State.

H. E. N. 245 R 23rd April 1894

Forwarded

To The Agent & Manager Mysore S.

State R. Co. (20) 1894

Examiner E. C. Rylands

Editorial Table

H. E. N. 245 R 23rd April 1894

To The Right Hon. the Law of State
for India

Sir, We have the honor
to forward a copy of our
Propo. N: 245 R. 23rd April 1894
and drying a brief note on
the

the Capital and Revenue
Accounts Bezwada Extension
Railway for the half year
ended the 31st Decr 1893. A
copy of the Accounts is also
forwarded.

7/11/11

R

recd
26/4

23RD APRIL 1894, No. $\frac{6}{245}$ R., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONORABLE THE SECRETARY OF STATE FOR INDIA.

SIR,

We have the honour to forward a copy of our Proceedings, No. 245 R., dated 23rd April 1894, embodying a brief note on the Capital and Revenue accounts, Bezwada Extension Railway, for the half-year ended the 31st December 1893. A copy of the accounts is also forwarded.

We have the honour to be,

Sir,

Your most obedient, humble servants,

(Signed) WENLOCK.

(") H. W. BLISS.

(") J. GROSE.

OOTACAMUND,
23rd April 1894.

Ed. S. J. Percin.

GOVT. OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

**LETTER to the Right Honorable
the Secretary of State for
India.**

No. $\frac{5}{245 R.}$ dated 23rd Apr. 1894.

FORWARDING to the Right Honorable the
Secretary of State for India Proceedings of
Government embodying a note on the Capital
and Revenue accounts, Bezwada Extension
Railway, for the half-year ended 31st December
1893.