Public Works (1898) Department.

Railway Branch

G.O., No. 632-33. Ry

DATED 26th April 1898.

100/3/30/50 with overhead bent

[Despatch Extract.]

Analysis of working, S.E. Ry.

Ordered that Copies of the ——— (including Mayavaram-Mutupet and Pondicherry Railways) for the half-year ended the 31st Dec. 1897, be forwarded to the Director of Railway Traffic and to the Secretary of State

Forwarding copy of Pros. embodying the ——— (including Mayavaram-Mutupet and Pondicherry Railways) for the half-year ended the 31st Dec. 1897.

P.W. 28. 100-9-11-97

Indexed 2/5/98

BACK PAPERS.

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

Special 632 633 R

PUBLIC WORKS DEPARTMENT.

DESPATCH

FOR SIGNATURE

OF

HIS EXCELLENCY THE GOVERNOR

AND

MEMBERS OF GOVERNMENT,

(With Original).

FUR

G.O.	No.	Department.

No. 632 Ry., 26th April 1898.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 24th March 1898, No. 256.

Order—No. 632 Ry., dated 26th April 1898.

Ordered that nine copies of the Analysis of working, South Indian Railway (including Máyavaram-Mutupet and Pondicherry Railways), for the half-year ended the 31st December 1897, be forwarded to the Director of Railway Traffic and to the Secretary of State for India.

[Here enter No. 633 Ry., dated 26th April 1898.]

(True Extract.)

Francis J. E. Spring,
Joint Secretary.

To the Agent, South Indian Railway.
" Examiner, Railway Accounts, Madras.
" Consulting Engineer for Railways.

...y., dated 26th April 1898.

Forwarded.

(By order.)

Francis J. E. Spring,
Joint Secretary.

Exd. W. D'Mosa.

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.
Regd. } 1898.

Enclosures
Spare copies

G.O., Nos. 632, 633 Ry., 26th April 1898.

APRIL.

Analysis of Working, South Indian Railway

Forwarding copy of Proceedings embodying the — (including Máyavaram-Mutupet and Pondicherry Railways) for the half-year ended the 31st December 1897.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

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

No. $\frac{8}{632 \text{ Ry.}}$, dated 26th April 1898.

FORWARDING Proceedings embodying the analysis of working of the South Indian Railway (including the Máyavaram-Mutupet and Pondicherry Railways) for the half-year ended the 31st December 1897.

No. $\frac{8}{632 \text{ Ry.}}$, 26th April 1898.

PUBLIC WORKS DEPARTMENT.

Letter—to

The Right Honourable the SECRETARY of STATE for INDIA.

My Lord,

We have the honour to forward herewith a copy of our Proceedings, No. 632 Ry., dated 26th April 1898, embodying the Analysis of working, South Indian Railway (including Máyavaram-Mutupet and Pondicherry Railways), for the half-year ended the 31st December 1897.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

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

Ootacamund,
26th April 1898.

Exd. W. D'Moss.

No. 256

South Indian Railway Co., Ld.,

AGENT'S OFFICE,

TRICHINOPOLY, 24th March 1898.

1461.
25.3.98

From

The AGENT,
SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

Sir,

Referring to para 3 of your letter No. 546 of the 24th February 1898, I have the honor to forward by Railway Parcel thirty (30) copies of the Analysis of Working of the South Indian, Maya-varam Mutupet, and Pondicherry Railways for the half year ended 31st December 1897.

I have the honor to be
Sir
Your most obedient Servant
A.B.G. Strelley.
Captain R.E.
Agent

30 Enclosures by Ry parcel

From

The Agent,

South Indian Railway,

Trichinopoly,

To

The Consulting Engineer for

Railways,

Madras.

Dated

Received

No.

Enclosure.

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND

PONDICHERRY RAILWAYS.)

———:(o):———

ANALYSIS OF WORKING

FOR THE

Half-Year ended 31st December 1897.

TRICHINOPOLY:—BRANCH "ECLIPSE" PRESS.

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SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING

FOR THE HALF-YEAR ENDED *31st December 1897.*

Progressive Number.	Headings.			Remarks.
	No. 1.			
	DESCRIPTION OF RAILWAY WORKED.		Ft. In.	
1	Gauge of Railway ...		3 $3\frac{3}{8}$	
2	Mean mileage worked ...	*Miles.*	1,103·38	
3	Number of stations ...	*No.*	168	
4	Total length of the following gradients			
	(*a*) $\frac{1}{50}$ and less ...	*Miles.*		
	(*b*) $\frac{1}{51}$ to $\frac{1}{80}$ ...	,,		
	(*c*) $\frac{1}{81}$ to $\frac{1}{100}$ ...	,,	119·39	
	(*d*) $\frac{1}{101}$ to $\frac{1}{200}$ ...	,,	207·91	
	(*e*) $\frac{1}{201}$ to $\frac{1}{300}$ ...	,,	81·80	
5	Steepest gradient worked—			
	(*a*) Length ...	*Miles.*	3·12	
	(*b*) Inclination ...	,,	1 in 100	
	No. II.			
	FINANCIAL RESULTS.			
6	Percentage of net earnings (including steam boat traffic) on Capital outlay ...	*Per cent.*	2·70	S.I.Ry. M.M.Ry. P.Ry. 2·72 2·18 1·45
7	Percentage of net earnings on paid-up capital	,,		
	No. III.			
	OUTLAY, EARNINGS AND EXPENSES.			
	(*Exclusive of Steam Boat Service*)			S.I.Ry. M.M.Ry. P.Ry.
8	Capital outlay per mile open ...	*Rs.*	70,065·51	71,283·79 46,153·99 72,890·13
9	Total earnings per mile open per week ...	,,	164·14	
10	Total working expenses per-mile per week ...	,,	89·19	
11	Total earnings per train-mile ...	,,	2·58	
12	Total working expenses per train-mile ...	,,	1·40	
13	Net earnings per train-mile ...	,,	1·18	
14	Cost per 1,000 gross ton-miles moved (freight and dead weight) ...	,,	8·28	
15	Percentage of total working expenses upon total earnings ...	*Per cent.*	54·34	
16	Percentage of total working expenses upon total earnings, excluding from both sides of the account the charges for carriage of Revenue Stores ...	,,	53·70	
	(*Inclusive of Steam Boat Service.*)			
17	Percentage of total working expenses on total earnings (for details see table No. VII.)	,,	54·34	
	No. IV.			
	DIVISION OF EXPENDITURE BETWEEN COACHING AND GOODS TRAFFIC.			
18	Total working expenses for both coaching and goods traffic, excluding steam boat expenses, and after deducting telegraph and sundry receipts, and leaving only the balance of payments to other lines for mileage, &c. ...	*Rs.*	24,02,922	
	Proportions, *dividing expenditure in ratio of gross ton mileage* (*freight and dead load*)			
19	Coaching ...	,,	12,61,129	
20	Goods ...	,,	11,41,793	

Capital outlay of the Pondicherry Railway is Rs. 5,63,543.

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—*(continued.)*

HALF-YEAR ENDED *31st December 1897.*

Progressive Number.	HEADINGS.			REMARKS.
	No. V.			
	COACHING TRAFFIC.			
	GROSS RECEIPTS AND TRAIN-MILEAGE—			
21	Receipts from coaching Traffic	*Rs.*	24,77,232	
22	Coaching Train miles run	*No.*	993,920	
23	Average coaching receipts per train-mile	*Rs.*	2·49	
	UNITS AND UNIT MILEAGE—			
	Number of units carried one mile.			
24	1st class	*Unit Miles.*	502,061	
25	2nd ,,	,,	2,926,723	
26	3rd or Intermediate class	,,		
27	4th or Lowest class	,,	215,106,715	
28	Total Passenger unit mileage	,,	218,535,499	
29	Other coaching traffic	*Ton Miles.*	447,029	
	Average sum received for carrying a unit one mile.			
30	1st class	*Pies.*	11·95	
31	2nd ,,	,,	5·41	
32	3rd or Intermediate class	,,		
33	4th or lowest class	,,	2·00	
34	Average for all classes	,,	2·07	
35	Other coaching traffic per ton mile	,,	54·10	
	Average number of units in a train.			
36	1st class	*No.*	·51	
37	2nd ,,	,,	2·94	
38	3rd or Intermediate class	,,		
39	4th or Lowest class	,,	216·42	
40	Total passenger units	,,	219·87	
41	Other coaching traffic	*Tons.*	·45	
	VEHICLES AND VEHICLE MILEAGE—			
	Number of Coaching Vehicles hauled one mile			
42	1st class	*Vehicle Miles*	1,157,828	
43	2nd ,,	,,	1,716,218	
44	3rd or Intermediate class	,,		
45	4th or Lowest class	,,	14,043,810	
46	Other Vehicles	,,	2,010,468	
47	Brake-vans	,,	195,439	
48	Total	,,	19,123,763	
	Average Number of Vehicles in a coaching train.			
49	1st class	*No.*	1·16	
50	2nd ,,	,,	1·73	
51	3rd or Intermediate class	,,		
52	4th or Lowest class	,,	14·13	
53	Other Vehicles	,,	2·02	
54	Brake-vans	,,	·20	
55	Total	,,	19·24	
	Average earnings per coaching vehicle per mile.			
56	1st class	*Pies.*	5·18	
57	2nd ,,	,,	9·22	
58	3rd or Intermediate class	,,		
59	4th or Lowest class	,,	30·59	
60	Other vehicles	,,	12·03	
	Carrying capacity hauled one mile (excluding brakes)			
61	1st class	*Seats.*	10,092,159	
62	2nd ,,	,,	20,702,897	
63	3rd or Intermediate class	,,		
64	4th or Lowest class	,,	443,244,193	
65	Other vehicles	*Tons.*	4,564,997	
	Percentage of freight upon capacity hauled.			
66	1st class	*Per cent.*	4·97	
67	2nd ,,	,,	14·14	
68	3rd or Intermediate class	,,		
69	4th or Lowest class	,,	48·53	
70	Other vehicles	,,	9·79	

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—*(continued.)*

HALF-YEAR ENDED *31st December 1897.*

Progressive Number.	HEADINGS.			REMARKS.
	No. V.			
	COACHING TRAFFIC.—*(Continued.)*			
	WEIGHT OF TRAIN AND TON-MILEAGE—			
	Gross ton-mileage of all coaching trains.			
71	Freight	*Ton Miles.*	13,637,776	
72	Dead-weight	,,	138,604,959	
73	Total	,,	152,242,735	
	Average weight of a coaching train.			
74	Freight	*Tons.*	13·72	
75	Dead-weight	,,	139·45	
76	Total	,,	153·17	
	COST OF WORKING AND PROFITS—			
77	Average cost of hauling a coaching train one mile	*Rs.*	1·27	
78	Average cost of hauling, a coaching vehicle with its load one mile	*Pies.*	12·79	
	Average cost of hauling a coaching unit one mile.			
79	Per passenger unit	,,	·99	
80	Other traffic per ton	,,	56·60	
81	Average profit on working a coaching train one mile	*Rs.*	1·22	
	Average profit on working a coaching vehicle one mile.			
82	1st class	*Pies.*	*7·61*	*Loss.*
83	2nd ,,	,,	*3·57*	*do.*
84	3rd or Intermediate class	,,		
85	4th or Lowest class	,,	17·80	
86	Other vehicles	,,	*·76*	*Loss.*
	Average profit on working a coaching unit one mile.			
87	Per passenger unit	*Pies.*	1·08	
88	Other traffic per ton	,,	*2·50*	*Loss.*

SOUTH INDIAN RAILWAY.

(*INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.*)

ANALYSIS OF WORKING.—(*continued.*)

HALF-YEAR ENDED *31st December 1897.*

Progressive Number.	Headings.			Remarks.
	No. VI.			
	GOODS TRAFFIC.			
	GROSS RECEIPTS AND TRAIN-MILEAGE—			
89	Receipts from Goods Traffic	*Rs.*	20,31,828	
90	Goods Train-miles run	*No.*	833,013	
91	Average goods receipts per train-mile	*Rs.*	2·44	
	UNITS AND UNIT MILEAGE—			
92	Tons of Goods carried one mile	*Ton Miles*	46,673,002	
93	Average sum received for carrying a ton one mile	*Pies.*	8·36	
94	Average number of tons in a train	*Tons.*	56·03	
	VEHICLES AND VEHICLE MILEAGE—			
	Number of Goods vehicles hauled one mile.			
95	Loaded	*Vehicle Miles.*	11,353,459	
96	Empty	,,	3,980,659	
97	Brake-vans	,,	550,179	
98	Total	,,	15,884,297	
	Average number of vehicles in a goods train			
99	Freight vehicles	*No.*	18·41	
100	Brake-vans	,,	·66	
101	Total	,,	19·07	
102	Average earnings per goods vehicle per mile (excluding brakes)	*Pies.*	25·44	
103	Carrying capacity hauled one mile (excluding brakes)	*Tons.*	91,353,607	
104	Percentage of freight upon capacity hauled	*Per cent.*	51·09	
105	Average load of a goods vehicle (including both loaded and empty)	*Tons.*	3·04	
106	Average load of a loaded goods vehicle	,,	4·11	
	WEIGHT OF TRAIN AND TON MILEAGE—			
	Gross ton mileage of all goods trains.			
107	Freight	*Ton Miles.*	46,673,002	
108	Dead-weight	,,	91,163,668	
109	Total	,,	137,836,670	
	Average weight of a goods train			
110	Freight	*Tons.*	56·03	
111	Dead-weight	,,	109·44	
112	Total	,,	165·47	
	COST OF WORKING AND PROFITS—			
113	Average cost of hauling a goods train one mile	*Rs.*	1·37	
114	Average cost of hauling a goods vehicle with its load one mile	*Pies.*	14·29	
115	Average cost of hauling a goods unit (viz. one ton) one mile	,,	4·70	
115 A	Average cost of hauling a goods unit (viz. one ton) one mile including interest on Capital expended at the rate of 5 per cent per annum	,,	8·59	
116	Average profit on working a goods train one mile	*Rs.*	1·07	
117	Average profit on working a goods vehicle with its load one mile	*Pies.*	11·15	
118	Average profit on working a goods unit (viz. one ton) one mile	,,	3·66	

SOUTH INDIAN RAILWAY.

(*INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.*)

(ANALYSIS OF WORKING.—(*continued.*)

HALF-YEAR ENDED *31st December 1897.*

Progressive Number.	Headings.			Remarks.
	No. VII.			
	DETAILED PERCENTAGES OF EARNINGS AND EXPENDITURE.			
	Percentage to Total Earnings—			
119	Coaching Traffic	*Per cent.*	52·61	
120	Goods Traffic	,,	43·15	
121	Sundries, including Telegraph	,,	4·24	
122	Steam-boat Earnings	,,		
	Total Earnings	,,	100·00	
	Percentage of Working Expenses upon Total Earnings—			
123	Maintenance	*Per cent.*	12·97	
124	Locomotive Expenses	,,	19·17	
125	Carriage and Wagon Expenses	,,	5·23	
126	Traffic Expenses	,,	9·19	
127	General Charges	,,	6·78	
128	Miscellaneous Charges	,,	1·00	
129	Steam-boat Expenses	,,		
130	Total Working Expenses	,,	54·34	

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—*(contd.)*—HALF-YEAR ENDED *31st December 1897.*

No. VIII.—Working Expenses.

TABLE A.

Maintenance of Way, Works and Stations.

Reference to Revenue Account. Table and main-head.	Sub-head.	Progressive number in Analysis.	DETAILS.	a. Per mile of line maintained. 1,103·38	b. Per mile of track including Sidings. 1,244·65	c. Per total Train-mile. 1,826,933	d. Per 1,000 gross ton miles. 290,079,405
				Rs.	Rs.	As.	Rs.
IX (A)	...		*General Superintendence—*				
1	1 & 2		Engineers' Salaries and allowances	46·31	41·06	·45	·17
	3 to 5		Subordinate Superintendents' salaries and allowances, including overtime	32·69	28·98	·31	·13
	6		Office expenses	32·77	29·05	·32	·13
		131	Total...	111·77	99·09	1·08	·43
2	1		*Maintenance and Renewal of Permanent Way—* Wages	110·01	97·53	1·06	·42
	2		Materials	297·67	263·88	2·88	1·13
		132	Total...	407·68	361·41	3·94	1·55
3	1		*Repairs of Bridges, &c.— — Wages and Materials.* Bridges and tunnels	16·92	15·00	·17	·06
	2		Miscellaneous	11·87	10·52	·11	·05
		133	Total...	28·79	25·52	·28	·11
3(A)		134	*Conservancy of Rivers—*				
4	1		*Repairs of Stations and Buildings —Wages and Materials—* Repairs of all, except staff quarters	17·50	15·52	·17	·07
	2		Repairs of staff quarters	3·62	3·21	·03	·01
		135	Total...	21·12	18·73	·20	·08
5	1		*Maintenance by Contract—* Amount paid to Contractors				
	2		Materials supplied by the Railway				
			Total...	7·58	6·72	·07	·03
6			*New Minor Works—*	·17	·15	·002	·0006
7	1		*Unclassified Expenditure—* Plantations	3·10	2·75	·03	·01
	2		Tools and Plant				
	3		Loss by exchange	22·62	20·05	·22	·08
	4		Loss on stores, &c.	23·26	20·62	·23	·09
	5		Freight on Stores				
			Total...	49·15	43·57	·48	·18
			Total Heads, 5, 6 and 7	56·73	50·29	·55	·21
			Less Credits	72·49	64·27	·70	·28
		136	*Net Total, Other Charges*	15·76	13·98	·15	·07
		137	*Total Maintenance*	553·60	490·77	5·35	2·10

IF DONE DEPARTMENTALLY.

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—*(contd.)*—HALF-YEAR ENDED *31st December 1897.*

No. VIII.—Working Expenses—*(contd.)*

TABLE B.

Locomotive Expenses.

Reference to Revenue Account. Table and main-head.	Sub-head.	Progressive number in Analysis.	DETAILS.	a. Per total Train-mile. 1,826,933	b. Per Engine mile. 2,134,942	c. Per 1,000 gross ton-miles. 290,079,405
			General Superintendence—	As.	As.	Rs.
IX (B) 1	1 & 2		Salaries of Superintendents and Assistants, including allowances ...	·16	·14	·06
	3 to 5		Ditto of Subordinate ditto including ditto ...	·24	·21	·09
	6		Office expenses ...	·17	·15	·07
		138	Total...	·57	·50	·22
			Running Expenses—			
2	1 & 2		Wages of Drivers and firemen, including overtime ...	1·21	1·03	·47
	3		Fuelling, cleaning and looking after engines ...	·22	·19	·09
	4		Contingent expenses ...	·01	·01	·003
		139	Total...	1·44	1·23	·56
3	1 to 4		*Fuel.*—(In terms of Khurhurbaree coal) Average quantity consumed	lbs. 32·64	lbs. 27·93	lbs. 205·56
				As.	As.	Rs.
		140	Average price per ton Rs.*14·24 Do. cost	3·32	2·84	1·32
4		141	*Water.*—Including wages and Stores	·17	·14	·06
5		142	*Oil, tallow and other Stores*	·35	·30	·14
			Maintenance and Renewals—			
6	1 & 2		Wages including overtime	·52	·44	·20
	3		Materials	1·05	·90	·42
		143	Total...	1·57	1·34	·62
6 A.	...	...	Machinery	·01	·01	·01
7			*New Minor Works*			
8			*Payments to other lines*	·0002	·0002	·0001
			Unclassified Expenditure—			
9	1		Loss by exchange			
	2		Loss on Stores, &c.	·18	·15	·07
	3		Freight on Stores	·34	·29	·13
			Total...	·52	·44	·20
			Total Heads 7, 8 and 9	·52	·44	·20
			Less Credits	·04	·03	·02
		144	*Net Total, other Charges*	·48	·41	·18
		145	*Total, Locomotive Expenses*	7·91	6·77	3·11

* This is in terms of Khurhurbaree but the average price on actual quantity as per Revenue Account is Rs. 12·73 per t

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—(*contd.*)—HALF-YEAR ENDED *31st December 1897.*

No. VIII.—Working Expenses.—(*contd.*)

TABLE C.

Carriage and Wagon Expenses.

Reference to Revenue Account. Table and main-head.	Sub-head.	Progressive number in Analysis.	DETAILS.	*a.* Per total Train-mile. 1,826,933	*b.* Per 1,000 Vehicle miles run by home Vehicles. 35,148,092
				As.	Rs.
			General Superintendence—		
IX (C) 1	1 & 2		Salaries of Superintendents, including allowances ...	·05	·17
	3 to 5		Ditto of Subordinate ditto, including ditto	·08	·26
	6		Office expenses	·06	·19
		146	Total...	·19	·62
			Repairs and Renewals of Vehicles and Machinery—		
2	1 to 3		Coaching Vehicles ... Wages including overtime ...	·30	1·75
			Materials	·84	5·00
		147	Total...	1·14	6·75
	1 to 3		Goods Vehicles ... Wages including overtime ...	·17	1·23
			Materials	·44	3·13
		148	Total...	·61	4·36
2A.			Machinery	*·000003*	*·00001*
			Cleaning and Oiling—		
3	1		Labour, including wages of Oilers, &c.	·16	·52
	2		Stores	·03	·11
		149	Total...	·19	·63
4			*New Minor works—*	...	...
			Unclassified Expenditure—		
5	1		Loss by exchange		
	2		Loss on Stores, &c.	·01	·06
	3		Freight on Stores	·01	·02
			Total...	·02	·08
			Total Heads, 4 and 5	·02	·08
			Less Credits	*·003*	*·01*
		150	*Net Total, Other Charges*	·02	·07
		151	*Total, Carriage and Wagon Expenses*	2·15	7·00

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—(*contd.*)—HALF-YEAR ENDED *31st December 1897.*

No. VIII.—Working Expenses.—(*contd.*)

TABLE D.

Traffic Expenses.

Reference to Revenue Account. Table and main head.	Sub-head.	Progressive number in Analysis.	DETAILS.	*a.* Per total Train-Mile. 1,826,933	*b.* Per cent of Traffic earnings. Abstracts H. and I. 45,09,060
				As.	Per cent.
			General Superintendence—		
IX (D) 1	(*a*) 1 & 3		Traffic Manager, Assistants, &c., including travelling allowance	·34	·86
	(*a*) 2 & 4		Office Establishment and contingencies	·14	·38
		152	Total...	·48	1·24
	(*b*)	153	*Station Staff*	1·59	4·02
	(*c*)	154	*Train Staff*	·38	·95
2	1 to 3	155	*Fuel, Lighting, Water and General Stores*	·58	1·46
3		156	*Clothing*	·10	·24
4		157	*Printing Stationery and Tickets*	·57	1·46
5		158	*Charges for delivery and collection of goods, &c.*	·000005	·00002
6		159	*Miscellaneous Expenses*	·02	·07
			Payments to Other Lines—		
7	1	160	Expenses at Joint Stations	·07	·17
			Unclassified Expenditure—		
8	1		Loss by Exchange	...	...
	2		Loss on Stores, &c.	·002	·004
	3		Freight on Stores	·0002	·0004
			Total Head 8 ...	·0022	·0044
			Less Credits	*·006*	*·014*
		161	*Net Total, Other Charges*	*·004*	*·010*
		162	*Total Traffic Expenses*	3·79	9·[illegible]

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—*(contd.)*—HALF-YEAR ENDED *31st December 1897.*

No. VIII.—Working Expenses.—*(contd.)*

TABLE E.

General Charges.

Reference to Revenue Account. Table and main-head.	Sub-head.	Progressive number in Analysis.	DETAILS.	(a.) Per total Train-Mile.	(b.) Per cent on total earnings.
				1,826,933	47,08,719
				As.	Per cent.
IX (E) 1	1 to 4	163	*Home Expenditure*	·37	·89
1 *a*			*Government Supervision Audit and Control*	·36	·88
			Indian Management—		
	1	164	Agent's Office, including travelling allowances and contingencies	·20	·48
	2		Auditor's office ditto ditto		
	3		Accounts office ditto ditto	·63	1·52
	4		Paymaster's office ditto ditto		
2		165	Total 2 to 4	·63	1·52
	5	166	Store Department ditto ditto	·17	·42
	6	167	Medical Department, ditto ditto	·12	·30
	7		Rents	·002	·005
	8 to 10		Miscellaneous expenses, including printing stationery and medicine	·20	·47
		168	Total 7 to 10...	·20	·47
3	1 to 3	169	*Police*	·20	·47
4		170	*Advertising*	·03	·09
			Electric Telegraph—		
	1 to 4		Salaries, &c.	·22	·52
5	5		Maintenance (Wages and Stores)	·03	·08
	6		Government Telegraph Department, for rent, maintenance and inspection	·27	·66
		171	Total...	·52	1·26
6			*Clearing Accounts. with other lines—*		
			Unclassified Expenditure—		
	1		Loss by exchange ...	·001	·003
7	2		Loss on Stores, &c.	·001	·001
	3		Freight on Stores		
			Total...	·002	·004
			Total Heads, 6 and 7	·002	·004
			Less Credits	·001	·001
		172	*Net Total, Other Charges*	·001	·003
		173	*Total General Charges*	2·80	6·78

Earnings of the South Indian Railway Company	Rs.	45,57,344-14-7
Earnings of the Pondicherry Railway Company	,,	18,076- 3-7
Earnings of the M. M. Railway Company	,,	133,298- 4-6
	Rs.	47,08,719- 6-8

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

ANALYSIS OF WORKING.—*(continued.)*—HALF-YEAR ENDED *31st December 1897.*

No. VIII.—Working Expenses.—*(contd.)*

TABLE F.

Steam Boat Service.

Reference to Revenue Account. Table and main-head.	Sub-head.	Progressive Number in Analysis.	DETAILS.	Per cent on Steam boat earnings.
				Per cent.
IX (F)	..		*Working Expenses—*	
	1		Salaries and allowances of Officers and crews...	
	2		Loading and unloading vessels	
1	3		Pilotage fees	
	4		Contingencies	
			Repairs—	
	1		Wages	
2	2		Materials	
3	1 to 5	173 *a*	*Fuel*	
4	...		*Miscellaneous Stores*	
5	1 & 2		*Steam Traffic Agencies*	
6	...		*New Minor Works*	
7	1 to 6		*Miscellaneous Expenditure*	
			Total	
			Less Credits	
			Total Steam Boat Expenses	

TABLE G.

Special and Miscellaneous Expenditure.

Reference to Revenue Account. Table and main-head.	Sub-head.	Progressive Number in Analysis.	DETAILS.	Per cent on total earnings. 47,08,719
				Per cent.
IX (G) 1	...	174	*Law Charges—*	·01
			Compensation—	
	1		For goods lost or damaged	·03
2	2		,, Personal injury	...
	3		,, Other claims	...
		175	Total...	·03
3	...	176	*Rates and Taxes*	·34
			Payments to other Lines—	
	1	...	Hire of Locomotives	...
4	2	...	,, of vehicles	...
	3	...	Mileage of foreign stock	...
	4	...	Rent of stations, &c., jointly occupied	·14
		177	Total...	·14
5	...	...	*Contribution to Provident Fund*	·26
6 to 8	...	...	*Miscellaneous*	·10
			Total Heads 5 to 8	·36
			Less Credits	...
		178	*Net Total Other Charges*	·36
		179	*Total Special and Miscellaneous Expenses*	·86

A. D. G. SHELLEY

CAPTAIN, R

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM-MUTUPET AND PONDICHERRY RAILWAYS.)

APPENDICES TO ANALYSIS OF WORKING.

HALF-YEAR ENDED *31st December 1897.*

APPENDIX I.

Working of Locomotives.

Reference to Revenue Account. Table & main head.	Sub-head			Passenger.	Passenger.	Goods.	Tank.	Total.
		LOCOMOTIVES.	1—Wheels coupled ...	...	4 Coupled Ts. Cs. Qs.	6 Coupled Ts. Cs. Qs.	4 Coupled Ts. Cs. Qs.	6 Coupled Ts. Cs. Qs.
			2—Weight on driving axle ... S. I. R.	...	6 15 0	6 9 0	7 19 0	6 8 0
			2—Weight on driving axle ... O. class.	...	8 6 2	0 0 0	...	...
			2—Weight on driving axle ... Nellore	...	0 0 0	6 15 0	...	...
			2—Weight on driving axle ... V. G.	...	6 15 0	7 16 0	...	...
			3—Weight of Engine in steam... S. I. R.	...	21 9 0	20 14 0	26 4 0	20 0 0
			3—Weight of Engine in steam... O. class.	...	23 14 0	0 0 0	...	...
			3—Weight of Engine in steam... Nellore	...	0 0 0	19 18 0	...	...
			3—Weight of Engine in steam... V. G.	...	21 9 0	22 5 0	...	...
			4—Weight of Tender Loaded ... S. I. R.	...	14 0 0	14 0 0	...	...
			4—Weight of Tender Loaded ... O. class.	...	15 10 0	0 0 0	...	...
			4—Weight of Tender Loaded ... Nellore	...	0 0 0	12 18 0	...	...
			4—Weight of Tender Loaded ... V. G.	...	14 0 0	13 16 0	...	...
XII	5	1—Number of Locomotives erected and made over to Locomotive Department ...		...	68	129	8	205
	11	2—Average number of Locomotives constantly under repairs and renewals ...		...	12·870	18·005	1·136	32·011
		3—Number of Locomotives laid by as spare ...		...	...	... 2	...	... 2
		4—Ditto lent or hired out to other lines ...		...	...	...	...	
		5—Average number of Locomotives 1—(3 + 4) ...		...	68	127	8	203
		6—Total Mileage of Locomotives (5) ...		...	763,589	1,327,946	43,407	2,134,942
		7—Average miles run by a Locomotive of each class 6 ÷ 5 ...		...	11,229	10,456	5,426	10,517
		Per diem.		...	61·03	56·83	29·49	57·16
		8—Weight of coal &c., used per engine mile ...	*To be separated if possible among the classes of Locomotives*		lbs.	lbs.	lbs.	lbs.
		9—Weight of wood used per engine mile ...		...	19·23	40·25	20·83	* 27·93

	Passenger Trains.	Goods Trains.	Mixed Trains.		
10—Average gross weight of trains hauled *Tons...*	72·57	99·47	189·73	...	124·75
11—Average speed between stations *Miles per hour...*	27¼	13	16	...	...
12—Average through speed *Miles per hour...*	18	9½	12	...	...
13—Average consumption of coal per engine mile, *lbs...*	21·68	21·11	21·75	...	...

Description of fuel consumed.		Coefficient or multiplier for reducing to Khurhurbaree Coal.		Quantity in terms of Khurhurbaree Coal.
			Tons.	Tons.
COAL.	Singareni	Tons. 844·75	·55	464·61
	Burrakur	,, 23,280·84	·88	20,487·14
	Jherria	,, 12·60	·85	10·71
		Total. 24,138·19		20,962·46
FIREWOOD	Contractors	Tons. 12,920·20	·34	4,392·87
	Forest Department	,, 2,691·57	·47	1,265·04
		Total. 15,611·77		5,657·91

* Consumption of fuel in terms of Khurhurbaree Coal.

APPENDIX II.

SOUTH INDIAN
(INCLUDING MAYAVARAM
APPENDICES TO ANALYSIS
APPEN
Working of

	DESCRIPTION OF VEHICLES.	Total number on the list at end of the half-year.	Average Weight in Tons. Of each description of Vehicle.	Average Weight in Tons. Of each group.	Average Carrying Capacity. Of each description of Vehicle.	Average Carrying Capacity. Of each group.	Average number laid by as spare.	Average number lent or hired out.	Average number working a—(f+g)
	COACHING STOCK.	*a.*	*b.*	*c.*	*d.*	*e.*	*f.*	*g.*	*h.*
Four-wheeled. Bogie.	Governor's Saloon Carriage	1	11·23	11·84	22	...	...	...	1
	Inspection Carriage	1	10·76		22	...	...	...	1
	First Class Clemenson's	1	12·30		22	...	...	...	1
	Third Class do.	70	10·76		64	...	...	...	70
	Composite Carriage	20	11·61		25	...	...	...	20
	Composite ½ 3rd and ½ Brake van	6	12·04		32	...	...	...	6
*Six-wheeled	Third Class Carriage	31	10·26	10·26	64	...	...	...	31
Four-wheeled.	Inspection carriage Engineers	3	6·57		6·50	...	...	...	3
	First class do.	19	6·04		10	...	...	...	19
	Composite do.	44	5·94		12·96	...	...	...	44
	Second class do.	44	5·85		12	...	...	...	44
	Intermediate do.								
	Third class do.	537	5·29	5·45	31·34	...	...	...	537
	Horse Boxes	30	5·25		2·66	...	...	...	30
	Carriage Trucks	5	3·16		3·00	...	...	...	5
	Luggage vans with brake	81	5·87		2·00	...	...	...	81
	Post Office Vans	12	6·22		4·50	...	...	...	12
	Post Office Vans with luggage compartment and brake	6	6·28		...	...	...	...	6
	Total...	911	6·31	6·31	...	...	...	...	911
	GOODS STOCK—								
Four wheeled.	Covered Goods Wagons	1,813	4·09	3·89	6·04	5·97	...	...	1813
	Cattle Trucks	6	4·21		2·00				6
	Open Wagons	467	3·26		5·96				467
	High sided Wagons	813	3·72		6·00				813
	Cotton Trucks	63	4·80		4·50				63
	Timber Trucks	33	3·15		5·12				33
	Travelling cranes	3	19·00		Nil.				3
	Powder Vans	7	4·87		4·29				7
	Platform Wagons	4	2·76		6·00				4
	Water Tanks travelling	17	3·65	3·65	Nil.				17
*Six-wheeled.	Tank Wagons for Carriage of Petroleum	8	7·75	7·62	10·00	10·00	...	...	8
	Cotton Trucks Clemenson's	14	7·86		10·00				14
	Ten Ton Boiler Truck	1	3·40		10·00				1
* Bogie	Iron low sided Bogie Wagons	20	6·15	6·90	14·00	13·05	...	...	20
	Timber Trucks Bogie...	18	7·73		12·00				18
Brake Vans		52	6·77	6·77	...	...	...	...	52
	Total ...	3,339	3·92	3·92	6·09	6·09	...	...	3,339
	GRAND TOTAL ...	4,250	...	...	...	...	...	...	4,250

Mileage of Bogie and Six-wheeled carriages of double ... pacity of ordinary vehicles has been doubled.

RAILWAY.
MUTUPET AND PONDICHERRY RAILWAYS.)
OF WORKING.—*(contd.)* HALF-YEAR ENDED *31st December 1897.*
DIX II.
Vehicles.

MILEAGE OF						
Foreign Vehicles on Home Line.		Home Vehicles on Home Line.		Home Vehicles on Foreign Lines.	Carrying Capacity hauled on Home Line.	Ton mileage of Vehicle dead weight hauled on Home Line.
Loaded.	Empty.	Loaded.	Empty.			
i.	*k.*	*l.*	*m.*	*n.*	*o.*	*p.*
...	...	7,544	...	...	82,984	42,360
...	...	18,372	...	...	202,092	98,841
...	...	18,202	...	...	200,222	111,942
...	...	4,318,152	...	...	138,180,864	23,231,658
...	...	1,514,590	...	...	18,932,375	8,792,195
...	...	27,470	...	...	439,520	165,369
...	...	1,266,108	...	...	40,515,456	6,495,134
...	...	13,219	...	...	85,924	86,849
...	...	373,557	...	...	3,735,570	2,256,284
...	...	563,322	...	...	7,300,653	3,346,133
...	...	655,665	...	...	7,867,980	3,835,640
...	...	8,198,327	...	...	256,935,568	43,369,150
2,624	2,626	2,063,076	33,552	...	4,747,817	12,300,205
...	...	188,980	...	...	...	1,186,795
2,624	2,626	19,226,584	33,552	1,122	...	105,318,555
75,783	72,917	* 11,000,036	3,655,642	...	88,457,974	57,529,550
...	...	...	...	...	...	24,725
2,456	2,456	222,834	148,214	...	1,879,186	1,431,081
...	...	83,290	101,430	...	1,205,298	637,284
...	...	447,638	21,416	...	...	3,175,496
78,239	75,373	11,753,798	3,926,702	206,334	...	62,798,136
80,863	77,999	30,980,382	3,960,254	207,456	...	168,116,691

* Includes 95 miles run ... ane.
6,774 miles run by Tra... included in the mileage ...
104,703
Average mileage ...

SOUTH INDIAN RAILWAY.

(INCLUDING MAYAVARAM—MUTUPET AND PONDICHERRY RAILWAYS.)

APPENDICES TO ANALYSIS OF WORKING.—*(contd.)*

HALF YEAR ENDED *31st December 1897.*

APPENDIX III.

Distribution of Mileage according to the traffic carried, giving total mileage of Home and Foreign Stock on Home line.

DESCRIPTION OF VEHICLES.	MILEAGE OF			REMARKS.
	Vehicles.	Carrying Capacity.	Dead weight.	
Coaching—				
First class	1,157,828	10,092,159	6,845,199	
Second class	1,716,218	20,702,897	10,024,685	
Third or Intermediate class	...	...	...	
Fourth or Lowest class	14,043,810	443,244,193	74,588,252	
Total Passenger vehicles	16,917,856	474,039,249	91,458,136	
Other coaching vehicles	2,010,468	4,564,997	11,763,629	
Total paying coaching mileage	18,928,324	478,604,246	103,221,765	
Passenger brake-vans	195,439	...	1,231,010	
Total coaching mileage including brakes ...	19,123,763	...	104,452,775	
Goods—				
Loaded Vehicles	11,353,459	67,642,048	44,095,430	
Empty do.	3,980,659	23,711,559	15,408,270	
Total paying goods mileage	15,334,118	91,353,607	59,503,700	
Goods Brake-vans	550,179	...	3,644,449	
Total goods mileage, including brakes	15,884,297	...	63,148,149	
Miscellaneous—				
Free mileage for inspection, &c.	91,438	...	515,767	
GRAND TOTAL ...	35,099,498	...	168,116,691	

SOUTH INDIAN RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—*(Continued.)*

HALF-YEAR ENDED *31st December 1897.*

APPENDIX IV.

Maintenance of Way.

RAILS.

	DETAILS.	IRON.				STEEL.				Total Iron and Steel.
		Double headed-weighing 68 lbs. per yard.	Flat footed weighing 40·3 lbs. per yard.	Flat footed weighing 35·5 lbs. per yard.	Total.	Steel, weighing 41 lbs. per yard.	Steel, weighing 50 lbs. per yard.	Steel, weighing 56 lbs. per yard.	Total.	
1	Miles of rail in way, including sidings	305·08	235·58	2·24	542·90	841·72	963·86	2·18	1,807·76	2,350·66
2	Rails removed ... Miles...	·96	6·75	...	7·71	10·12	·09	...	10·21	17·92
3	New Rails laid ... Miles...	·90	1·09	...	1·99	2·76	13·03	...	15·79	17·78

Total mileage of Iron and steel Rails removed ... 17·92
Do. do. laid ... 17·78

Decrease ·14

Decrease is due to removal of sidings.

MAYAVARAM-MUTUPET RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—*(Continued.)*

HALF-YEAR ENDED *31st December 1897.*

APPENDIX IV.

Maintenance of Way.

RAILS.

	DETAILS.	IRON.				STEEL.				Total Iron and Steel.
		Double headed-weighing 68 lbs. per yard.	Flat footed weighing 40·3 lbs. per yard.	Flat footed weighing 35·5 lbs. per yard.	Total.	Steel, weighing 41 lbs. per yard.	Steel, weighing 50 lbs. per yard.	Steel, weighing 56 lbs. per yard.	Total.	
1	Miles of rail in way, including sidings	...	119·40	...	119·40	...	...	...	...	119·40
2	Rails removed ... Miles.	...	2·30	...	2·30	...	...	...	...	2·30
3	New Rails laid ... Miles.	...	2·92	...	2·92	...	...	...	...	2·92

Total mileage of Iron and Steel rails laid ... ... 2·92
Do, do, rails removed ... ... 2·30

Increase ... ·62

SOUTH INDIAN RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—(*continued.*)

HALF-YEAR ENDED *31st December 1897.*

APPENDIX V.

Maintenance of Way.

SLEEPERS.

	DETAILS.	Wood. Transverse. Creosoted Pine 9′ × 10″ × 5″	Wood. Transverse. Creosoted ½ round 6′ × 10″ × 5″	Wood. Transverse. Teak of sizes.	Wood. Transverse. Pingadoo 6′—6″ × 9″ × 4½″	Wood. Transverse. Total.	Wood. Longitudinal.	Iron. Pot sleepers Weighing 80 lbs.	Iron. Pot sleepers Weighing 70 lbs.	Iron. Pot sleepers Weighing 57 lbs.	Iron. Total.	Iron. D. and O. Cast Iron sleepers.	Steel Transverse Sleepers.
		No.	No.	No.	No.	No.	Linl. ft.	Pairs.	Pairs.	Pairs.	Pairs.	Pairs.	No.
1	Number of Sleepers in way, including sidings at the commencement of the half-year ...	255	169,118	66,383	101,549	337,305	115,806	222,200	921,571	18,057	1,161,828	92,160	747,542
2	Average age of Sleepers in way at the end of the half-year... ...Years...	35·35	15·35	18·58	4·19	12·65	9·88	27·18	7·96	6·50	11·88	9·89	6·53
3	Number removed ...	...	15,094	197	7,013	22,304	1,173	226	326	...	552	185	104
4	Number laid ...	...	...	28	9,077	9,105	4,141	42	13,137	...	13,179	85	87
	Percentage of removals on total of each class (1) ...	...	8·93	·30	6·91	6·61	1·01	·10	·04	...	·05	·20	·01
6	Number of sleepers in way, including sidings at the end of the half-year ...	255	154,024	66,214	103,613	324,106	118,774	222,016	934,382	18,057	1,174,455	92,060	747,525

Total number of wooden Iron and steel Transverse sleepers removed ... 23,145
Do. do. do. laid ... 22,456
Decrease... 689

Decrease is due to removal of sidings...

MAYAVARAM-MUTUPET RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—(*continued.*)

HALF-YEAR ENDED *31st December 1897.*

APPENDIX V.

Maintenance of Way.

SLEEPERS.

	DETAILS.	Wood. Transverse. Creosoted Pine 9′ × 10″ × 5″	Wood. Transverse. Creosoted ½ round 6′ × 10″ × 5″	Wood. Transverse. Teak of sizes.	Wood. Transverse. Pingadoo 6′—6″ × 9″ × 4½″	Wood. Transverse. Total.	Wood. Longitudinal.	Iron. Pot sleepers Weighing 80 lbs.	Iron. Pot sleepers Weighing 70 lbs.	Iron. Pot sleepers Weighing 57 lbs.	Iron. Total.	Iron. D. and O. Cast Iron sleepers.	Steel Transverse Sleepers.
		No.	No.	No.	No.	No.	Lineal feet.	Pairs.	Pairs.	Pairs.	Pairs.	Pairs.	No.
1	Number of Sleepers in way, including sidings at the commencement of the half-year ...	...	...	2,914	116,623	119,537	2,917	...	...	...	...	...	781
2	Average age of Sleepers in way at the end of the half-year Years...	...	...	2·04	3·72	3·68	3·15	...	...	...	...	...	3·00
3	Number removed ...	...	...	...	100	100	...	...	...	...	...	...	...
4	Number laid ...	...	...	...	720	720	...	...	...	...	...	...	...
5	Percentage of removals on total of each class (1) ...	...	...	...	·09	·08	...	...	...	...	...	...	...
6	Number of sleepers in way, including sidings at the end of the half-year ...	...	...	2,914	117,243	120,157	2,917	...	...	...	...	...	781

Total number of wooden Iron and steel Transverse sleepers laid... 720
Do. do. do. removed... 100
Increase 620

Increase is due to extension of sidings.

PONDICHERRY RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—(*Continued.*)

HALF-YEAR ENDED *31st December 1897.*

APPENDIX IV.

Maintenance of Way.

RAILS.

	DETAILS.		IRON.			STEEL.			
			Double headed-weighing 68 lbs. per yard.	Flat footed weighing 40·3 lbs. per yard.	Flat footed weighing 35·5 lbs. per yard.	Total.	Steel, weighing 41 lbs. per yard.	Steel, weighing 50 lbs. per yard.	Steel, weighing 56 lbs. per yard.	Total.	Total Iron and Steel.
1	Miles of rail in way, including sidings	...	...	14·68	...	14·68	3·88	·63	...	4·56	19·24
2	Rails removed ... Miles...	...	...	·08	...	·08	...	...	...	...	·08
3	New Rails laid ... Miles...	...	...	·08	...	·08	...	...	...	...	·08

Total mileage of Iron and steel Rails laid ... ·08
Do. do. removed ... ·08

PONDICHERRY RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—(*concluded.*)

HALF-YEAR ENDED *31st December 1897.*

APPENDIX V.

Maintenance of Way.

SLEEPERS.

	DETAILS.	WOOD.						IRON.					STEEL TRANSVERSE SLEEPERS.
		TRANSVERSE.					Longitudinal.	Pot sleepers Weighing 80 lbs.	Pot sleepers Weighing 70 lbs.	Pot sleepers Weighing 67 lbs.	Total.	D. and O. Cast Iron sleepers.	
		Creosoted Pine 9′ × 10″ × 5″	Creosoted ½ round 6′ × 10″ × 5″	Teak of sizes.	Pingadoo 6′—6″ × 9″ × 4½″	Total.							
		No.	No.	No.	No.	No.	Lineal feet.	Pairs.	Pairs.	Pairs.	Pairs	Pairs.	No
1	Number of Sleepers in way, including sidings at the commencement of the half-year ...	...	11,504	1,149	6,622	19,275	724	...	673	135	808	...	...
2	Average age of Sleepers in way at the end of the half-year Years...	...	15·42	16·04	3·52	11·27	18·00	...	11·50	10·08	11·29	...	...
3	Number removed ...	...	1,258	...	...	1,258	...	...	...	...	...	...	...
4	Number laid ..	...	...	...	1,258	1,258	...	...	...	...	...	...	...
5	Percentage of removals on total of each class (1) ...	...	10·94	...	...	6·53	...	...	...	...	...	...	...
6	Number of sleepers in way, including sidings at the end of the half-year ...	...	10,246	1,149	7,880	19·275	724	...	673	135	808	...	...

Total number of wooden Iron and steel sleepers laid ... 1,253
Do. do. do. removed ... 1,258

Form No. 1.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

A Af

Papers to be read in Proceedings:—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

Current No. 1461 of 1898, dated 25-3-98 , from A

" " " 189 , " , "

" " " 189 , " , "

ORDER. No. 632. Ry dated 26/4/98

Ordered that nine copies of the Analyses of working South Indian Rly (including Tuticorin Railway) for the half year ended the 31st Dec 1897, be forwarded by the Director General of Railway Traffic and to the Secretary of State for India.

H. E. No. 633. Ry of 26th April 1898

Forwarder.

H. E. No. 8/632 Ry of 26th April/98

To

The Rt Hon'ble the Secy of State for India

My Lord,

I have the honour to forward herewith a copy of our

our Proc, No: 632. R/J 26th April
1898, undertaking the Analysis
of working South Indian Railway
(including Mayaveram Tiruturaipundi
and Pondicherry Railways)
for the half year ended the 31st Dec
1897.

R
25-3-98

Secy. Copies dispd 14/5/98

28/4/98