

Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No: 369-70 Ry

DATED 1st April 1899

Prock $\frac{100}{5}$
 $\frac{20}{35}$
 $\frac{20}{20}$

[Despatch Abstract.]

(For Es) Analysis of working, S.S. Ry.

Ordered that Copies of the — (including Mayanar-
Mudupet, Pondicherry & Palani-Karaikkal Rys) for
the half year ended the 31/12/98, be forwarded
to the Director of Ry. Traffic & to the Supt.

2nd copy of Pros embodying Copies of the —
(including M. M., Pn & Palani-Karaikkal Rys) for the
half year ended the 31/12/98.

2nd copy of Pros embodying the — (including
M. M., Pn & Palani-Karaikkal Rys) for the year ended
the 31/12/98.

Inland

BACK PAPERS.

[illegible]

FURTHER PAPERS.

[illegible]

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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

No. $\frac{5}{369}$ Ry. dated 1st April 1899.

FORWARDING copy of Proceedings embodying the Analysis of Working, South Indian Railway (including Mayavaram-Mutupet, Pondicherry and Peralam-Karaikkal Railways) for the half-year ended the 31st December 1898.

RAILWAY.
Government {1899} of Madras.
PUBLIC WORKS.

<i>Recd.</i>	} 1899.	<i>Enclosures</i>
<i>Regd.</i>		<i>Spare copies</i>

G.O., No. 369 Ry., 1st April 1899.

APRIL.

Analysis of Working, South Indian Railway

Ordered that copies of the — (including Mayavaram-Mutupet, Pondicherry and Peralam-Karaikkal Railways) for the half-year ended the 31st December 1898, be forwarded to the Director of Railway Traffic and to the Secretary of State.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways.
Dated—Trichinopoly, 29th March 1899, No. 280.

ORDER—No. 369 Ry., dated 1st April 1899.

Ordered that nine copies of the Analysis of Working, South Indian Railway (including Mayavaram-Mutupet, Pondicherry and Peralam-Karaikkal Railways) for the half-year ended the 31st December 1898, be forwarded to the Director of Railway Traffic and to the Secretary of State for India.

[Here enter No. 370 Ry., dated 1st April 1899.]

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

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

Exd. Shaik Karim.

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. 369 Ry., dated 1st April 1899, embodying the Analysis of Working, South Indian Railway (including Mayavaram-Mutupet, Pondicherry and Peralam-Karaikkal Railways) for the half-year ended the 31st December 1898.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.

(„) A. T. ARUNDEL.

(„) H. M. WINTERBOTHAM.

(By order.)

Joint Secretary.

FORT ST. GEORGE,
1st April 1899.

RAILWAY.

Government {1899} of Madras.
PUBLIC WORKS.

Recd.

Regd.

} 1899.

Enclosures

Spare copies

G.O., Nos. 369, 370 Ry., 1st April 1899.

APRIL.

Analysis of Working, South Indian Railway

Forwarding copy of Proceedings embodying copies of the — (including Mayavaram-Mutupet, Pondicherry and Peralam-Karaikkal Railways) for the half-year ended the 31st December 1898.

No. 369 Ry., 1st April 1899.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

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FRANCIS J. E. SPRING,
Joint Secretary.

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

ENDORSEMENT—No. 370 Ry., dated 1st April 1899.

Forwarded.

(By order.)

FRANCIS J. E. SPRING,
Joint Secretary.

Form No. 1.

PUBLIC WORKS DEPARTMENT

South Indian Railway.

(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY
AND PERALAM-KARAIKKAL RAILWAYS.)

ANALYSIS OF WORKING

FOR THE

Half-Year ended 31st December 1898.

TRICHINOPOLY:—BRANCH "ECLIPSE" PRESS.

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SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM KARAIKKAL RAILWAYS.)

ANALYSIS OF WORKING

FOR THE HALF-YEAR ENDED 31st December 1898.

TABLE NO. 1. December 1898.

Progressive Number.	HEADINGS.		REMARKS.	
No. I.				
DESCRIPTION OF RAILWAY WORKED.		Ft. In.		
1	Gauge of Railway ...	3 3 ³ / ₈	S.I.Ry. M.M.Ry. P.Ry. P. K. Ry. 1033-73 53-99 7-80 14-45	
2	Mean mileage worked ... Miles.	1,109-97		
3	Number of stations ... No.	169		
4	Total length of the following gradients			
	(a) ¹ / ₈₀ and less ... Miles.	...		
	(b) ¹ / ₈₁ to ¹ / ₈₀ ... "	...		
	(c) ¹ / ₈₁ to ¹ / ₆₀ ... "	119-39		
	(d) ¹ / ₆₁ to ¹ / ₄₀ ... "	207-91		
	(e) ¹ / ₄₁ to ¹ / ₃₀ ... "	82-48		
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.	2-39	S.I.Ry. M.M.Ry. P.Ry. P. K. Ry. 2-43 1-80 1-23 .70	
7	Percentage of net earnings on paid-up capital ... "	...		
No. III.				
OUTLAY, EARNINGS AND EXPENSES.				
(Exclusive of Steam Boat Service)				
8	Capital outlay per mile open ... Rs.	60,437-23	S.I.Ry. M.M.Ry. P.Ry. P. K. Ry. 70,918-94, 46,210-50, 72,890-13, 49,982-21	
9	Total earnings per mile open per week ... "	147-97		
10	Total working expenses per-mile per week ... "	83-13		
11	Total earnings per train-mile ... "	2-40		
12	Total working expenses per train-mile ... "	1-35		
13	Net earnings per train-mile ... "	1-05		
14	Cost per 1,000 gross ton-miles moved (freight and dead weight) ... "	8-36		
15	Percentage of total working expenses upon total earnings ... Per cent.	56-18		
16	Percentage of total working expenses upon total earnings, excluding from both sides of the account the charges for carriage of Revenue Stores ... "	55-45		
(Inclusive of Steam Boat Service.)				
17	Percentage of total working expenses on total earnings (for details see table No. VII.) ... "	56-18		
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.	23,22,536		
Proportions, dividing expenditure in ratio of gross ton mileage (freight and dead load)				
19	Coaching ... "	12,00,990		
20	Goods ... "	11,21,546		

Capital outlay of the Pondicherry Railway is Rs. 5,68,543.

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM KARAICKAL RAILWAYS.)
ANALYSIS OF WORKING.—(continued.)
HALF-YEAR ENDED 31st December 1898.

Progressive Number.	HEADINGS.		REMARKS.
No. V.			
COACHING TRAFFIC.			
21	GROSS RECEIPTS AND TRAIN-MILEAGE—		
22	Receipts from coaching Traffic	Rs.	
23	Coaching Train miles run	No.	21,62,374
	Average coaching receipts per train-mile...	Rs.	972,710 2-22
UNITS AND UNIT MILEAGE—			
24	Number of units carried one mile.		
25	1st class	Unit Miles.	671,828
26	2nd "	"	2,456,853
27	3rd or Intermediate class	"	...
28	4th or Lowest class	"	...
29	Total Passenger unit mileage	"	184,296,910
	Other coaching traffic	"	187,425,591
	Average sum received for carrying a unit one mile.	Ton Miles.	430,566
30	1st class	Pies.	11-66
31	2nd "	"	5-90
32	3rd or Intermediate class	"	...
33	4th or lowest class	"	2-00
34	Average for all classes	"	2-08
35	Other coaching traffic per ton mile	"	57-61
Average number of units in a train.			
36	1st class	No.	69
37	2nd "	"	2-52
38	3rd or Intermediate class	"	...
39	4th or Lowest class	"	189-47
40	Total passenger units	"	192-68
41	Other coaching traffic	Tons.	44
VEHICLES AND VEHICLE MILEAGE—			
Number of Coaching Vehicles hauled one mile			
42	1st class	Vehicle Miles	1,030,700
43	2nd "	"	1,547,979
44	3rd or Intermediate class	"	...
45	4th or Lowest class	"	13,748,843
46	Other Vehicles	"	1,498,804
47	Brake-vans	"	58,393
48	Total	"	17,884,719
Average Number of Vehicles in a coaching train.			
49	1st class	No.	1-06
50	2nd "	"	1-59
51	3rd or Intermediate class	"	...
52	4th or Lowest class	"	14-14
53	Other Vehicles	"	1-54
54	Brake-vans	"	0-06
55	Total	"	18-39
Average earnings per coaching vehicle per mile.			
56	1st class	Pies.	7-60
57	2nd "	"	9-36
58	3rd or Intermediate class	"	...
59	4th or Lowest class	"	26-77
60	Other vehicles	"	16-55
Carrying capacity hauled one mile (excluding brakes)			
61	1st class	Seats.	8,993,622
62	2nd "	"	18,839,088
63	3rd or Intermediate class	"	...
64	4th or Lowest class	"	412,320,891
65	Other vehicles	Tons.	3,029,481
Percentage of freight upon capacity hauled.			
66	1st class	Per cent.	7-47
67	2nd "	"	13-04
68	3rd or Intermediate class	"	...
69	4th or Lowest class	"	44-70
70	Other vehicles	"	14-21

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM-KARAICKAL RAILWAYS.)
ANALYSIS OF WORKING.—(continued.)
HALF-YEAR ENDED 31st December 1898.

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	11,752,112
72	Dead-weight	"	131,954,705
73	Total	"	143,706,817
Average weight of a coaching train.			
74	Freight	Tons.	12-08
75	Dead-weight	"	135-66
76	Total	"	147-74
COST OF WORKING AND PROFITS—			
77	Average cost of hauling a coaching train one mile	Rs.	1-23
78	Average cost of hauling, a coaching vehicle with its load one mile	Pies.	12-94
79	Average cost of hauling a coaching unit one mile.		
	Per passenger unit	"	1-13
80	Other traffic per ton	"	44-93
81	Average profit on working a coaching train one mile	Rs.	99
Average profit on working a coaching vehicle one mile.			
82	1st class	Pies.	5-34
83	2nd "	"	3-58
84	3rd or Intermediate class	"	...
85	4th or Lowest class	"	13-83
86	Other vehicles	"	8-61
Average profit on working a coaching unit one mile.			
87	Per passenger unit	Pies.	95
88	Other traffic per ton	"	12-68

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM-KARAIKKAL RAILWAYS.)

ANALYSIS OF WORKING.—(continued.)

HALF-YEAR ENDED 31st December 1898.

Progressive Number.	HEADINGS.		REMARKS.
No. VI.			
GOODS TRAFFIC.			
89	GROSS RECEIPTS AND TRAIN-MILEAGE—		
90	Receipts from Goods Traffic	Rs.	20,23,553
91	Goods Train-miles run	No.	809,469
	Average goods receipts per train-mile	Rs.	2-50
UNITS AND UNIT MILEAGE—			
92	Tons of Goods carried one mile	Ton Miles.	44,757,359
93	Average sum received for carrying a ton one mile	Pies.	8-68
94	Average number of tons in a train	Tons.	55-29
VEHICLES AND VEHICLE MILEAGE—			
95	Number of Goods vehicles hauled one mile.		
96	Loaded	Vehicle Miles.	11,303,751
97	Empty	"	3,850,000
98	Brake-vans	"	502,589
	Total	"	15,656,340
99	Average number of vehicles in a goods train		
100	Freight vehicles	No.	18-72
101	Brake-vans	"	62
102	Total	"	19-34
103	Average earnings per goods vehicle per mile (excluding brakes)	Pies.	25-64
104	Carrying capacity hauled one mile (excluding brakes)	Tons.	90,424,385
105	Percentage of freight upon capacity hauled	Per cent.	49-50
106	Average load of a goods vehicle (including both loaded and empty)	Tons.	2-95
	Average load of a loaded goods vehicle	"	3-96
WEIGHT OF TRAIN AND TON MILEAGE—			
107	Gross ton mileage of all goods trains.		
108	Freight	Ton Miles.	44,757,359
109	Dead-weight	"	89,443,507
	Total	"	134,200,866
110	Average weight of a goods train		
111	Freight	Tons.	55-29
112	Dead-weight	"	110-50
	Total	"	165-79
COST OF WORKING AND PROFITS—			
113	Average cost of hauling a goods train one mile		
114	Average cost of hauling a goods vehicle with its load one mile	Rs.	1-39
115	Average cost of hauling a goods unit (viz. one ton) one mile	Pies.	14-21
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	"	4-81
116	Average profit on working a goods train one mile	"	8-87
117	Average profit on working a goods vehicle with its load one mile	Rs.	1-11
118	Average profit on working a goods unit (viz. one ton) one mile	Pies.	11-43
		"	3-87

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM KARAIKKAL RAILWAYS.)

ANALYSIS OF WORKING.—(continued.)

HALF-YEAR ENDED 31st December 1898.

Progressive Number.	HEADINGS.		REMARKS.
No. VII.			
DETAILED PERCENTAGES OF EARNINGS AND EXPENDITURE.			
<i>Percentage to Total Earnings—</i>			
119	Coaching Traffic	Per cent.	50-64
120	Goods Traffic	"	47-39
121	Sundries, including Telegraph	"	1-97
122	Steam-boat Earnings	"	...
	Total Earnings	"	100-00
<i>Percentage of Working Expenses upon Total Earnings—</i>			
123	Maintenance	Per cent.	10-46
124	Locomotive Expenses	"	20-88
125	Carriage and Wagon Expenses	"	6-15
126	Traffic Expenses	"	9-74
127	General Charges	"	7-44
128	Miscellaneous Charges	"	1-51
129	Steam-boat Expenses	"	
130	Total Working Expenses	"	56-18

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM KARAICKAL RAILWAYS.)
ANALYSIS OF WORKING.—(contd.)—HALF-YEAR ENDED 31st December 1898.
No. VIII.—Working Expenses.

TABLE A.

Maintenance of Way, Works and Stations.

Reference to Revenue Account.		Progressive number in Analysis.	DETAILS.	a.	b.	c.	d.
Table and main-head.	Sub-head.			Per mile of line maintained.	Per mile of track including Sidings.	Per total Train-mile.	Per 1,000 gross ton miles.
				1,091.12	1,236.87	1,782.179	277,907.683
IX (A)	1 & 2	3 to 5	General Superintendence— Engineers' Salaries and allowances	Rs.	Rs.	As.	Rs.
	1		Subordinate Superintendents' salaries and allowances, including overtime	45.00	39.81	.44	.18
	6		Office expenses	33.79	29.89	.33	.13
		131	Total...	31.08	27.49	.31	.12
							.43
	2	1	Maintenance and Renewal of Permanent Way— Wages				.43
	2	2	Materials	108.81	96.25	1.07	.51
		132	Total...	130.32	115.28	1.28	.94
	3	1	Repairs of Bridges, &c.— Wages and Materials.				.10
	3	2	Bridges and tunnels	24.93	22.06	.25	.03
		133	Miscellaneous	6.38	5.64	.06	.03
			Total...				.13
	3(A)	134	Conservancy of Rivers—	31.31	27.70	.31	
	4	1	Repairs of Stations and Buildings— Wages and Materials—				.07
	4	2	Repairs of all, except staff quarters	17.30	15.31	.17	.02
		135	Repairs of staff quarters	4.43	3.91	.04	.02
			Total...				.09
	5	1	Maintenance by Contract— Amount paid to Contractors	21.73	19.22	.21	
	5	2	Materials supplied by the Railway				
			Total...				
	6		New Minor Works—				.02
	7	1	Unclassified Expenditure— Plantations	5.03	4.45	.05	.01
	7	2	Tools and Plant				.02
	7	3	Loss by exchange	.23	.20	.002	.01
	7	4	Loss on stores, &c.	4.21	3.72	.04	.01
	7	5	Freight on Stores	2.61	2.31	.03	.10
			Total...	26.24	23.22	.26	.13
			Total Heads, 5, 6 and 7 Less Credits	33.29	29.45	.32	.45
		136	Net Total, Other Charges	38.32	33.99	.34	.13
		137	Total Maintenance	32.23	28.52	.52	.02
				6.09	5.38	.06	.16
				408.13	361.02	4.01	1.61

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM KARAICKAL RAILWAYS.)
ANALYSIS OF WORKING.—(contd.)—HALF-YEAR ENDED 31st December 1898.
No. VIII.—Working Expenses—(contd.)
TABLE B.
Locomotive Expenses.

Reference to Revenue Account.		Progressive number in Analysis.	DETAILS.	a.	b.	c.
Table and main-head.	Sub-head.			Per total Train-mile.	Per Engine mile.	Per 1,000 gross ton-miles.
				1,782,179	2,089,764	277,907,683
IX (B)	1 & 2	3 to 5	General Superintendence— Salaries of Superintendents and Assistants, including allowances	As.	As.	Rs.
	1		Ditto of Subordinate ditto including ditto	.16	.13	.07
	6		Office expenses	.25	.22	.10
		138	Total...	.18	.15	.07
				.59	.50	.24
	2	1 & 2	Running Expenses— Wages of Drivers and firemen, including overtime			
	3	3	Fuelling, cleaning and looking after engines	1.23	1.05	.50
	4	4	Contingent expenses	.28	.24	.11
		139	Total...	.01	.01	.003
				1.52	1.30	.61
	3	1 to 4	Fuel.—(In terms of Khurhurbaree coal) Average quantity consumed ...	lbs.	lbs.	lbs.
				30.53	26.04	195.81
				As.	As.	Rs.
		140	Average price per ton Rs.*14.74 Do. cost	3.22	2.74	1.29
	4	141	Water.—Including wages and Stores	.18	.15	.07
	5	142	Oil, tallow and other Stores	.32	.27	.13
			Maintenance and Renewals— Wages including overtime	.42	.36	.17
	6	1 & 2	Materials	1.44	1.23	.57
		143	Total...	1.86	1.59	.74
	6 A.		Machinery	.03	.03	.01
	7		New Minor Works			
	8		Payments to other lines			
			Unclassified Expenditure— Loss by exchange	.002	.002	.001
	9	1	Loss on Stores, &c.	.35	.30	.14
		2	Freight on Stores			
		3	Total...	.35	.30	.14
			Total Heads 7, 8 and 9	.35	.30	.14
			Less Credits	.06	.05	.02
		144	Net Total, other Charges	.29	.25	.12
		145	Total, Locomotive Expenses	8.01	6.83	3.21

* This is in terms of Khurhurbaree but the average price on actual quantity as per Revenue Account is Rs. 13.17 per ton.

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM KARAICKAL RAILWAYS.)
ANALYSIS OF WORKING.—(contd.)—HALF-YEAR ENDED 31st December 1898.
No. VIII.—Working Expenses.—(contd.)

TABLE C.
Carriage and Wagon Expenses.

Reference to Revenue Account.		Progressive number in Analysis.	DETAILS.	a. Per total Train-mile.	b. Per 1,000 Vehicle miles run by home Vehicles.
Table and main-head.	Sub-head.				
IX (C) 1	1 & 2	146	General Superintendence—	As.	Rs.
	3 to 5		Salaries of Superintendents, including allowances	...	05
	6		Ditto of Subordinate ditto, including ditto	...	28
			Office expenses	...	19
			Total...	20	65
			Repairs and Renewals of Vehicles and Machinery—		
	1 to 3		Coaching Vehicles ... { Wages including overtime	...	33
			Materials	...	71
			Total...	104	640
	1 to 3		Goods Vehicles ... { Wages including overtime	...	21
2A.		148	Materials	...	69
			Total...	90	644
			Machinery	...	00002
			Cleaning and Oiling—		00006
	1		Labour, including wages of Oilers, &c.	...	18
	2		Stores	...	04
			Total...	22	72
			New Minor works—		
			Unclassified Expenditure—		
	1		Loss by exchange	...	01
5	2	149	Loss on Stores, &c.	...	05
	3		Freight on Stores	...	06
			Total...	03	11
			Total Heads, 4 and 5	...	11
			Less Credits	...	10
			Net Total, Other Charges	...	01
			Total, Carriage and Wagon Expenses	...	779
				236	

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM-KARAICKAL RAILWAYS.)
ANALYSIS OF WORKING.—(contd.)—HALF-YEAR ENDED 31st December 1898.
No. VIII.—Working Expenses.—(contd.)

TABLE D.
Traffic Expenses.

Reference to Revenue Account.		Progressive number in Analysis.	DETAILS.	a. Per total Train-Mile.	b. Per cent of Traffic earnings. Abstracts H. and I.
Table and main head.	Sub-head.				
				1,782,179	41,85,927
IX (D) 1	(a) 1 & 3	152	General Superintendence—	As.	Per cent.
			Traffic Manager, Assistants, &c., including travelling allowance	34	92
	(a) 2 & 4		Office Establishment and contingencies	16	42
			Total...	50	134
	(b)		Station Staff	164	437
	(c)		Train Staff	38	102
	2 1 to 3		Fuel, Lighting, Water and General Stores	49	129
	3		Clothing	09	25
	4		Printing, Stationery and Tickets	54	144
	5		Charges for delivery and collection of goods, &c.	0001	0003
8	6	159	Miscellaneous Expenses	01	03
			Payments to Other Lines—		
	7 1		Expenses at Joint Stations	08	20
			Unclassified Expenditure—		
	1		Loss by Exchange	...	...
	2		Loss on Stores, &c.	001	004
	3		Freight on Stores	001	003
			Total Head 8	002	007
			Less Credits	005	014
			Net Total, Other Charges	003	007
		162	Total Traffic Expenses	373	993

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SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM-KARAIKKAL RAILWAYS.)

ANALYSIS OF WORKING.—(contd.)—HALF-YEAR ENDED 31st December 1898.
No. VIII.—Working Expenses.—(contd.)

TABLE E.
General Charges.

Reference to Revenue Account.		Progressive Number in Analysis.	DETAILS.	(a).	(b).
Table and main-head.	Sub-head.			Per total Train-Mile.	Per cent on total earnings.
IX (E) 1	1 to 4	163	Home Expenditure	1,782,179	42,70,307
1 a				As.	Per cent.
			Government Supervision, Audit and Control	38	1.00
	1	164	Indian Management—	34	.98
			Agent's Office, including travelling allowances and contingencies		
	2		Auditor's office ditto ditto	21	.56
	3		Accounts office ditto ditto		
	4		Paymaster's office ditto ditto	66	1.72
2	5	165	Total 2 to 4	66	1.72
	6	166	Store Department	66	1.72
	7	167	Medical Department, ditto	20	.50
	8 to 10		Rents ditto	14	.36
			Miscellaneous expenses, including printing, stationery and medicine	.003	.01
3	1 to 3	168	Police	15	.40
4		169	Advertising	15	.41
			Electric Telegraph—	19	.49
	1 to 4		Salaries, &c.	01	.03
	5		Maintenance (Wages and Stores)	22	.57
	6		Government Telegraph Department, for rent, maintenance and inspection	03	.08
		171	Clearing Accounts, with other lines—	28	.74
			Unclassified Expenditure—	53	1.39
	1		Loss by exchange		
	2		Loss on Stores, &c.	.0021	.005
	3		Freight on Stores	.0005	.001
7			Total Heads, 6 and 7	.0026	.006
			Less Credits	.0026	.006
		172	Net Total, Other Charges		
		173	Total General Charges	0 026	.006
				2 85	7.41

Earnings of the South Indian Railway Company
Earnings of the Pondicherry Railway Company
Earnings of the M. M. Railway Company
Earnings of the P. K. Railway Company

Rs. 41,18,525-14-9
" 15,891- 5-3
" 1,22,961- 4-3
" 12,922- 7-4
Rs. 42,70,306-15-7

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SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM-KARAIKKAL RAILWAYS.)

ANALYSIS OF WORKING.—(continued.)—HALF-YEAR ENDED 31st December 1898.
No. VIII.—Working Expenses.—(contd.)

TABLE F.
Steam Boat Service.

Reference to Revenue Account.		Progressive Number in Analysis.	DETAILS.	Per cent on Steam boat earnings.
Table and main-head.	Sub-head.			
IX (F)	...		Working Expenses—	Per cent.
1	1		Salaries and allowances of Officers and crews...	...
	2		Loading and unloading vessels	...
	3		Pilotage fees	...
	4		Contingencies	...
			Repairs—	
2	1		Wages	...
	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.		Progressive Number in Analysis.	DETAILS.	Per cent on total earnings.
Table and main-head.	Sub-head.			
IX (G) 1	...	174	Law Charges—	Per cent.
			Compensation—	.003
	1		For goods lost or damaged	...
	2		" Personal injury	...
	3		" Other claims	...
			Total...	.001
3	...	175	Rates and Taxes	.03
		176	Payments to other Lines—	.21
	1		Hire of Locomotives	...
	2		" of Vehicles	...
	3		Mileage of foreign stock	...
	4		Rent of stations, &c., jointly occupied	...
		177	Contribution to Provident Fund	.10
			Total...	.10
5	...		Miscellaneous	.29
6 to 8	...		Total Heads 5 to 8	.65
			Less Credits	.94
		178	Net Total Other Charges	...
		179	Total Special and Miscellaneous Expenses	.94
				1.28

A. D. C. SHELLEY,
CAPTAIN, R. E.,
Agent.

SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY AND
PERALAM-KARAIKKAL RAILWAYS)

APPENDICES TO ANALYSIS OF WORKING.

HALF-YEAR ENDED 31st December 1898.

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. ... O. class. ... Nellore ... V. G. ...	6 15 0 8 6 2 0 0 0 6 15 0	6 9 0 0 0 0 6 15 0 7 16 0	7 19 0	6 8 0
		3—Weight of Engine in steam...	S. I. R. ... O. class. ... Nellore ... V. G. ...	21 9 0 23 14 0 0 0 0 21 9 0	20 14 0 0 0 0 19 18 0 22 5 0	26 4 0	20 0 0
		4—Weight of Tender Loaded ...	S. I. R. ... O. class. ... Nellore ... V. G. ...	14 0 0 15 10 0 0 0 0 14 0 0	14 0 0 0 0 0 12 18 0 13 16 0		
XII	5	1—Number of Locomotives erected and made over to Locomotive Department	...	...	...	...	...
	11	2—Average number of Locomotives constantly under repairs and renewals	...	69	131	8	208
		3—Number of Locomotives laid by as spare	...	13-299	31-962	804	46-065
		4—Ditto lent or hired out to other lines	...	...	5	...	5
		5—Average number of Locomotives 1—(3 + 4)	...	...	67	...	67
		6—Total Mileage of Locomotives (5)	...	69	125-33	8	202-33
		7—Average miles run by a Locomotive of each class 6 ÷ 5	...	788,910	1,242,056	58,798	2,089,764
		8—Weight of coal &c., used per engine mile	...	11,433 62-14	9,910 53-86	7,350 39-95	10,328 56-13
		9—Weight of wood used per engine mile	...	lbs. 20-10	lbs. 37-29	lbs. 17-23	lbs. 26-01*
		10—Average gross weight of trains hauled	...	...	...	...	...
		11—Average speed between stations	...	61-22	96-20	150-10	121-82
		12—Average through speed	...	27½	13	16	...
		13—Average consumption of coal per engine mile,	...	18	9½	12	...
			...	24-65	23-89	26-43	...

Description of fuel consumed.	Coefficient or multiplier for reducing to Khurhurbaree Coal.	Quantity in terms of Khurhurbaree Coal
COAL. { Singareni { Burrakur	Tons. 1,564-73 18,260-53 Total. 19,825-26	Tons. 55 83 16,069-27
FIREWOOD { Contractors { Forest Department	Tons. 18,956-30 1,954-00 Total. 20,910-30	Tons. 860-60 16,929-87 6,445-14 918-34 7,363-52

* Consumption of fuel in terms of Khurhurbaree Coal.

APPENDIX II.

SOUTH INDIAN
(INCLUDING MAYAVARAM-MUTUPET, PONDICHERRY
APPENDICES TO ANALYSIS
APPEN
Working of

APPENDIX Working of											
DESCRIPTION OF VEHICLES.				Total number on the list at end of the half-year.	AVERAGE WEIGHT IN TONS.		AVERAGE CARRYING CAPACITY.		Average number laid by as spare.	Average number lent or hired out.	Average number working a—(f+g)
				Of each description of Vehicle.	Of each group.	Of each description of Vehicle.	Of each group.				
COACHING STOCK.											
* BOGIE.	Governor's Saloon Carriage			a.	b.	c.	d.	e.	f.	g.	h.
	Inspection Carriage			1	11-23	11-23	22	...	...	...	1
	First Class Clemenson's			2	11-66		15	...	...	...	2
	Third Class Carriage... .. .			1	12-30		22	...	...	...	1
	Composite Carriage			70	10-76		64	...	...	...	70
	Composite ½ 3rd and ½ Brake van			20	11-61		25	...	...	...	20
Do. ½ do. and ½ Postal... .. .			20	12-04	32	...	...	...	...	20	
*Six-wheeled Third Class Carriage			8	12-10	32	...	...	...	...	8	
FOUR-WHEELED.	Inspection carriage Engineers			8	10-26	10-26	64	...	...	...	8
	First class do.			3	6-57	6-50	...	...	...	3	
	Composite do.			19	6-11		10	...	...	...	19
	Second class do.			44	5-95		12-95	...	...	...	44
	Intermediate do.			44	5-85		12	...	...	...	44
	Third class do.										
	Horse Boxes			537	5-29	5-45	31-34	...	...	...	537
	Carriage Trucks			30	5-25	1-17	...	...	...	30	
	Luggage vans with brake			5	3-16	3-00	...	...	...	5	
	Post Office Vans			81	6-87	2-00	...	...	...	81	
	Post Office Vans with luggage compartment and brake			12	6-22	4-50	...	...	...	12	
				6	6-41	...	...	...	...	6	
GOODS STOCK—											
Total...				911	6-27	6-27	...	...	...	...	911
FOUR WHEELED.	Covered Goods Wagons			1,817	4-09	3-89	6-04	5-97	...	...	1,817
	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				
* SIX-WHEELED.	Water Tanks travelling			17	3-65	3-65	Nil.	10-00	...	...	17
	Tank Wagons for Carriage of Petroleum			9	7-75	10-00	9				
	Cotton Trucks Clemenson's			14	7-86	7-63	10-00				14
	Ten Ton Boiler Truck			1	3-40	10-00	1				
	Iron low sided Bogie Wagons			20	6-15	14-00	20				
	Timber Trucks Bogie... .. .			18	7-73	12-00	18				
* BOGIE			52	6-77	6-77	...	...	...	...	52	
Total				3,344	4-00	4-00	6-08	6-08	...	...	3,344
GRAND TOTAL				4,255	...	...	...	...	...	...	4,255
* Mileage of Bogie and Six-wheeled carriages of double the carrying capacity of ordinary vehicles has been doubled.											

RAILWAY.
AND PERALAM-KARAIKKAL RAILWAYS.)
OF WORKING.—(contd.) HALF-YEAR ENDED 31st December 1898.
DIX II.
Vehicles.

MILEAGE OF				Ton mileage of Vehicle dead weight hauled on Home Line.	
FOREIGN VEHICLES ON HOME LINE.		HOME VEHICLES ON HOME LINE.		Home Vehicles on Foreign Lines.	Carrying Capacity hauled on Home Line.
Loaded.	Empty.	Loaded.	Empty.		
i.	k.	l.	m.	n.	p.
...	...	4,046	...	...	44,506
...	...	22,122	...	...	165,915
...	...	11,763	...	...	129,448
...	...	3,228,466	...	...	103,310,912
...	...	1,300,736	...	...	16,295,200
...	...	1,356,200	...	...	21,609,200
...	...	321,736	...	...	5,147,776
...	...	257,640	...	...	8,244,480
...	...	12,214	...	...	79,391
...	...	316,096	...	...	3,160,960
...	...	568,363	...	...	7,619,301
...	...	592,500	...	...	7,110,000
...	...	8,556,831	...	...	268,172,650
...	...	1,426,808	26,477	...	3,262,658
619	619	1,426,808	26,477	...	8,502,079
...	...	43,338	...	...	309,847
...	...	19,043,914	26,477	1,602	99,632,306
619	619	19,043,914	26,477	1,602	...
151,469	140,841	* 10,857,613	3,463,125	...	87,653,296
...	...	...	...	...	56,838,706
...	...	...	...	...	31,229
...	...	...	...	...	1,423,552
...	...	262,493	170,648	...	989,595
...	...	76,276	75,386	...	523,234
...	...	399,967	...	...	2,707,777
151,469	140,841	11,666,359	3,709,159	350,678	61,524,498
152,088	141,460	29,610,273	3,735,636	352,280	161,157,304

* Includes 419 miles run by Travelling crane.
8,556 miles run by Travelling water tanks are not included in the mileage, columns i to o
Average mileage per diem run by ... Coaching Vehicles 98,215
... Goods ditto 84,608

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SOUTH INDIAN RAILWAY.
(INCLUDING MAYAVARAM—MUTUPET, PONDICHERRY
AND PERALAM-KARAIKKAL RAILWAYS.)
APPENDICES TO ANALYSIS OF WORKING.—(contd.)
HALF YEAR ENDED 31st December 1898.

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	1,030,700	8,993,622	6,116,516	
Second class	1,547,979	18,839,088	9,049,133	
Third or Intermediate class	...	...	...	
Fourth or Lowest class	13,748,843	412,320,891	74,197,988	
Total Passenger vehicles	16,327,522	440,153,601	89,363,637	
Other coaching vehicles	1,498,804	3,029,484	8,790,965	
Total paying coaching mileage	17,826,326	...	98,154,602	
Passenger brake-vans	58,393	...	378,145	
Total coaching mileage, including brakes	17,884,719	...	98,532,747	
Goods—				
Loaded Vehicles	11,303,751	67,449,493	43,873,858	
Empty do.	3,850,000	22,974,892	14,887,975	
Total paying goods mileage	15,153,751	90,424,385	58,761,833	
Goods Brake-vans	502,589	...	3,300,115	
Total goods mileage, including brakes	15,656,340	...	62,061,948	
Miscellaneous—				
Free mileage for inspection, &c.	98,398	...	562,609	
GRAND TOTAL	33,639,457	...	161,157,304	

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SOUTH INDIAN RAILWAY.
APPENDICES TO ANALYSIS OF WORKING.—(Continued.)
HALF-YEAR ENDED 31st December 1898.

APPENDIX IV.

Maintenance of Way.

RAILS.

DETAILS.	IRON.				STEEL.				Total Iron and Steel.
	Double headed-weighing 68 lbs. per yard.	Flat footed weighing 40·8 lbs. per yard.	Flat footed weighing 35·6 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	304·38	231·88	2·14	538·40	791·72	968·70	2·62	1,763·04	2,301·44
2 Rails removed ... Miles...	·83	4·33	·10	5·26	53·05	·54	...	53·59	58·85
3 New Rails laid ... Miles...	2·13	1·49	...	3·62	2·19	3·38	·44	6·01	9·63

Total mileage of Iron and steel Rails removed ... 58·85 Miles.
Do. do. laid ... 9·63 "
Decrease ... 49·22

Decrease is due to removal of sidings and handing over of the Gudur Nellore section to B. M. Railway.

MAYAVARAM-MUTUPET RAILWAY.
APPENDICES TO ANALYSIS OF WORKING.—(Continued.)
HALF-YEAR ENDED 31st December 1898.

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	...	119·24	...	119·24	...	...	...	...	119·24
2 Rails removed ... Miles...	...	·59	...	·59	...	...	...	...	·59
3 New Rails laid ... Miles...	...	·43	...	·43	...	...	...	...	·43

Total mileage of Iron and Steel rails removed 59
Do. do. rails laid 43
Decrease ... 16

Decrease is due to removal of sidings.

SOUTH INDIAN RAILWAY:

APPENDICES TO ANALYSIS OF WORKING—(continued.)

HALF-YEAR ENDED 31st December 1898.

APPENDIX V.

Maintenance of Way.

SLEEPERS.

DETAILS.	WOOD.										IRON.					STEEL TRANSVERSE SLEEPERS.						
	No.	No.	No.	No.	No.	No.	No.	No.	Liul. ft.	Pairs.	Pairs.	Pairs.	Pairs.	Total.	Cast Iron sleepers. D. and O.							
																	TRANSVERSE.					Longitudinal.
																	Ball wood.	Crooned & round 6' x 10" x 5"	Teak of sizes.	Pinkadoo 6'-6" x 9" x 4 1/2"	Total.	
1 Number of Sleepers in way, including sleepers at the commencement of the half-year	...	147,461	66,191	110,425	324,077	113,547	220,337	936,379	19,057	1,174,673	92,060	747,516										
2 Average age of Sleepers in way at the end of the half-year... ..Years...	...	16.33	19.23	4.55	12.96	10.76	23.16	8.93	7.50	12.65	10.86	7.53										
3 Number removed	...	12,181	1,577	1,073	14,836	5,580	101	894	2,435	3,420	19,667	26,132										
4 Number laid	45	...	1,006	8,104	9,153	636	183	803	...	991	147	146										
5 Percentage of removals on total of each class (1)	...	8.26	2.33	.99	4.59	4.69	.03	.09	13.49	.29	21.36	3.49										
6 Number of sleepers in way including sleepers at the end of the half-year	45	153,250	65,620	117,451	318,396	113,573	220,419	936,203	15,622	1,172,214	72,540	721,560										

Total number of wooden, iron and steel Transverse sleepers removed	...	64,035
Do.	...	10,439
Decrease	...	53,616

Decrease is due to removal ofulings and handing over of the Gudur-Nellore section to B. M. Railway.

MAYAVARAM-MUTUPET RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—(continued.)

HALF-YEAR ENDED 31st December 1898.

APPENDIX V.

Maintenance of Way.

SLEEPERS.

DETAILS.	WOOD.						IRON.					STEEL TRANSVERSE SLEEPERS.			
	TRANSVERSE.						Longitudinal.								
	Sal wood.	Creosoted & round 6' x 10" x 5"	Teak of sizes.	Pingadoo 6'-6" x 9" x 4 1/2"	Total.	No.	Lineal feet.	Pot sleepers	Pot sleepers	Pot sleepers	Total.		Cast Iron sleepers.		
								Weighing 80 lbs.	Weighing 70 lbs.	Weighing 67 lbs.	..		..	..	..
No.	No.	No.	No.	No.	No.	No.	Pairs.	Pairs.	Pairs.	Pairs.	No.				
1	Number of Sleepers in way including sidings at the commencement of the half-year	..	..	2,914	117,243	120,157	2,917	..	..	..	..	..	781		
2	Average age of Sleepers in way at the end of the half-year... Years...	..	..	3-04	808	4-66	4-15	..	..	..	..	..	327		
3	Number removed	..	..	..	468	468	..	..	..	..	..	..	190		
4	Number laid	..	..	..	..	..	..	..	..	..	..	..	...		
5	Percentage of removals on total of each class (1)	..	..	..	69	67	..	..	..	..	..	..	...		
6	Number of sleepers in way, including sidings at the end of the half-year	..	..	2,914	116,903	119,817	2,917	..	..	..	..	..	971		

Total Number of wooden, and steel	808
Transverse sleepers removed	...
Do.	laid
Do.	...
Do.	658

Decrease .. 150

Decrease is due to removal of sidings.

PONDICHERRY RAILWAY.
APPENDICES TO ANALYSIS OF WORKING.—(Continued.)
HALF-YEAR ENDED 31st December 1898.

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 ...	...	15·34	...	15·34	3·88	·68	...	4·56	19·90
2	Rails removed ... Miles...	...	·21	...	·21	...	...	...	...	·21
3	New Rails laid ... Miles...	...	·87	...	·87	...	...	...	...	·87

Total mileage of Iron and steel Rails laid ... ·87 Miles.
Do. do. removed ... ·21 "
Increase ... ·66 "
Increase is due to extension of sidings.

PONDICHERRY RAILWAY.
APPENDICES TO ANALYSIS OF WORKING.—(continued.)

HALF-YEAR ENDED 31st December 1898.

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 57 lbs.	Total.		D. and O. Cast Iron sleepers.
	Crosstied Half round 6' x 10" x 5"	Crosstied round 6' x 10" x 5"	Teak of sizes.	Pingadoo 6'-6" x 9" x 4½"	Total.	Linear feet.							
1	Number of Sleepers in way, including sidings at the commencement of the half-year ...	9,634	...	1,149	8,492	19,275	724	...	673	135	808	...	...
2	Average age of Sleepers in way at the end of the half-year ... Years...	15.36	...	16.82	4.17	11.40	18.62	...	12.50	11.08	12.29	...	...
3	Number removed ...	180	...	...	...	180	42	...	...	...	...	...	...
4	Number laid ...	660	...	15	180	855	...	...	...	...	...	...	...
5	Percentage of removals on total of each class (1) ...	1.87	...	...	...	.93	5.80	...	...	...	...	...	...
6	Number of sleepers in way, including sidings at the end of the half-year ...	10,114	...	1,164	8,672	19,950	682	...	673	135	808	...	...

Total number of wooden and Iron sleepers laid ... 855
Do. do. removed ... 180
Increase ... 675
Increase is due to extension of sidings.

PERALAM-KARAIKKAL RAILWAY.
APPENDICES TO ANALYSIS OF WORKING.—(Continued.)
HALF-YEAR ENDED 31st December 1898.

HALF-YEAR ENDED 31st December 1898.

APPENDIX IV.

Maintenance of Way.

RAILS.

[illegible]

Total mileage of Iron and steel Rails laid ..	Nil.
Do, do, removed ...	Nil.

PERALAM-KARAIKKAL RAILWAY.

APPENDICES TO ANALYSIS OF WORKING.—(concluded.)

HALF-YEAR ENDED 31st December 1898.

APPENDIX V.

Maintenance of Way.

SLEEPERS.

	DETAILS.	Wood.						IRON.					STEEL TRANSVERSE SLEEPERS.
		TRANSVERSE.						Longitudinal.					
		Sal wood.	Crescoted & round 6' x 10" x 5"	Teak of sizes.	Pingadoo 6'—6" x 9" x 4½"	Total.	Longitudinal.	Pot sleepers Weighing 80 lbs.	Pot sleepers Weighing 70 lbs.	Pot sleepers Weighing 67 lbs.	Total.	Cast Iron sleepers. D. and O.	
								Pairs.	Pairs.	Pairs.	Pairs.	Pairs.	
1	Number of Sleepers in way, including sidings at the commencement of the half-year ...	...	...	277	29,548	29,825	344	..	..	..	..	..	4,815
2	Average age of Sleepers in way at the end of the half-year... Years...	...	...	80	80	80	80	..	..	..	..	..	80
3	Number removed	...	...	...	...	...	...	..	..	..	..	..	...
4	Number laid	...	...	...	...	...	...	..	..	..	..	..	...
5	Percentage of removals on total of each class (1)	...	...	...	...	...	...	..	..	..	..	..	...
6	Number of sleepers in way, including sidings at the end of the half-year ...	...	...	277	29,548	29,825	344	..	..	..	..	..	4,815

Total number of wooden, iron and steel Transverse sleepers removed	Nil
Do, do, do, laid	...
...	Nil

PUBLIC WORKS DEPARTMENT,

No. 280

South Indian Railway Co., Ltd.,

AGENT'S OFFICE,

TRICHINOPOLY, 29th March 1899.

From

The AGENT,

SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Sir,

I have the honor to forward, by
 Railway parcel, thirty (30) copies of the Analysis
 of Working of the South Indian, Mayavaram-
 Mutupet, Pondicherry, and Peralam-Karaikkal
 Railways for the half year ended 31st December
 1898.

I have the honor to be
 Sir

Your most obedient servant

M. Le Mesurier
 For Agent

30 Enclosures
 by Rg parcel

189 , No.

189 , No.

EK, Current No. 1681 of 1899, dated 30-3-99, from A 2nd

" "	" 189 , "	" " , "
" "	" 189 , "	" " , "

ORDER

No. 369. Dy dated 1/4/99

Ordered that nine copies

of the Analysis of Working,
Sixth Indian Railway (in-
cluding Mangalore Metropo-

Frederick and Penelope Knapp

Skil Kading) for the half

a year ended the 31st Dec 1898.

be forwarded to the Director

of Railway Traffic and to the
S. M. T. B. C. C.

Secretary of State for India.
14.3.21

A. S. N: 370. Recd 1 April/99
Forwarded.

N.B. No. 5 Recd 9.18th April 1859.
2. 369/4

The R^d House to C

My Lord

Wie kann es

to proceed herewith

Mr.

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them. The list includes names such as "John A. Smith", "John B. Smith", "John C. Smith", "John D. Smith", "John E. Smith", "John F. Smith", "John G. Smith", "John H. Smith", "John I. Smith", "John J. Smith", "John K. Smith", "John L. Smith", "John M. Smith", "John N. Smith", "John O. Smith", "John P. Smith", "John Q. Smith", "John R. Smith", "John S. Smith", "John T. Smith", "John U. Smith", "John V. Smith", "John W. Smith", "John X. Smith", "John Y. Smith", and "John Z. Smith".

To The Hon. Secy. of the Navy
 " Executive, U.S. Navy
 " Chief, Eng. Dept. Navy
 S. 1/4/88

Dated _____
Received _____

INDEX OF CASES

FROM
THE AUNT,
South Indian Railway,
Trichinopoly
TO

no. Progs No 369. No 9 of 18 April
1899, embodying the Analysis
of working, Lark Indras-R
(including Mayanaram Mutap
Pundehang, Peralam Karaithe
Kademy) for the half year
under the 31st December 1898.

7 airms by Dr. 31/3/99

DR.

1/4/99

3 P.