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# MADRAS RECORD OFFICE.

## Government of Madras.

*Public Works* DEPARTMENT.

|          |       |       |               |
|----------|-------|-------|---------------|
| G.O. No. | 693   | (Ry)  | Press<br>Mis. |
| Dated    | 28-2- | 1877. |               |

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*Proceedings of the Madras Government, Public Works Department,  
23th February 1877. No. 693.*

No. 719. Read the following endorsement of the Consulting Engineer for Railways, dated Madras, 20th February 1877, No. 119 :—

Read the following :—

REVIEW of the Revenue Account of the South Indian Railway for the half-year ended 30th June 1876.

SUBMITTED to Government.

2. The detailed comparison with the corresponding half of the previous year is of little value, owing to the different conditions under which the line was worked. The large addition to the open mileage had a general tendency to cheapen work, but this was more than counterbalanced by certain abnormal charges in the Locomotive Department. A general comparison was given in the Note on the Revenue Account, and the cause of the abnormal charges referred to was there explained.

(Signed) J. H. M. SHAW-STEWART, Lieut.-Col., R.E.,  
Consulting Engineer for Railways.

No. 720. ORDER THEREON, 28th February 1877, No. 693.

RAILWAY, No. 65.

ORDERED to be forwarded to the  
Government of India.

(True Extract.)

(Signed) J. H. M. SHAW-STEWART, Lt.-Col., R.E.,  
Joint Secy. to Govt., P.W.D.,  
Railway Branch.

To the Consulting Engineer for Railways.  
„ Examiner of Railway Accounts.

Exd. S. T. Austin.  
Spare Copies

OF THE

|                         |                       |     |
|-------------------------|-----------------------|-----|
| For the half-year ended | 30 <sup>th</sup> June | 187 |
|-------------------------|-----------------------|-----|

TABLE A.

## I.—Description of Railway worked.

| 1                 | 2                  | 3                                         | 4       | 5      | 6        | 7                    | 8                                                   | 9                                  | 10                                       | 11                                 | 12                                 | 13                          | 14           | 15      | 16          |
|-------------------|--------------------|-------------------------------------------|---------|--------|----------|----------------------|-----------------------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|-----------------------------|--------------|---------|-------------|
| Gauge of railway. | Length sanctioned. | OPEN MILEAGE AT THE END OF THE HALF-YEAR. |         |        |          | Mean mileage worked. | Number of Stations open at the end of the half-year | Average distance between Stations. | TOTAL LENGTH OF THE FOLLOWING GRADIENTS. |                                    |                                    | STEEPEST GRADIENT WORKED BY |              |         |             |
|                   |                    | Single.                                   | Double. | Total. | Sidings. |                      |                                                     |                                    | $\frac{1}{100}$ and less.                | $\frac{1}{100}$ to $\frac{1}{300}$ | $\frac{1}{100}$ to $\frac{1}{300}$ | Fixed power.                | Locomotives. |         |             |
|                   |                    |                                           |         |        |          |                      |                                                     |                                    |                                          |                                    |                                    |                             |              | Length. | Inclination |
| In.               | Miles.             | Miles.                                    | Miles.  | Miles. | Miles.   | Miles.               | Miles.                                              | Miles.                             | Miles.                                   | Miles.                             | Miles.                             | Miles.                      | Miles.       | Miles.  | Miles.      |
| 13                | 617                | 397.57                                    | ---     | 397.57 | 28       | 397.57               | 46                                                  | 9.3                                | 9.55                                     | 55.32                              | 63.44                              | ---                         | ---          | 9.55    | 1 mi. 10    |

## II.—Financial Results.

| 17                                     | 18                                         | 19                                           | 20                                                                  | 21                  | 22         | 23         | 24         | 25                                        | 26                                                                                     |
|----------------------------------------|--------------------------------------------|----------------------------------------------|---------------------------------------------------------------------|---------------------|------------|------------|------------|-------------------------------------------|----------------------------------------------------------------------------------------|
| Total Capital authorized to be raised. | Total Capital paid up to end of half-year. | Total Capital withdrawn to end of half-year. | Total Capital expended on open mileage, inclusive of rolling stock. | Cost per mile open. | Earnings.  | Expenses.  | Profits.   | Percentage of profits on paid up Capital. | Percentage of profits on Capital expended on open mileage, inclusive of rolling stock. |
| £ 3702155                              | £ 3659505                                  | £ 3507480                                    | £ 2440359                                                           | £ 6138              | Rs. 940034 | Rs. 597026 | Rs. 343008 | 0.898                                     | 1.347                                                                                  |

### III.—Summary of General Results.

|                                       | COACHING. |       |          |         | BUT EXCLUDING STEAMBOAT. |        |          |       | Total including sundries and steamboat. |         |
|---------------------------------------|-----------|-------|----------|---------|--------------------------|--------|----------|-------|-----------------------------------------|---------|
|                                       | Total.    |       | Per mean |         | Total.                   |        | Per mean |       |                                         |         |
|                                       | Rs.       | Paise | Rs.      | Paise   | Rs.                      | Paise  | Rs.      | Paise |                                         |         |
| Earnings (Gross) ...                  | 575,963   | 4.052 | 55.720   | 320,958 | 2.551                    | 31,050 | 940,034  | 3.508 | 90.950                                  | 940,034 |
| Expenses ...                          | 293,320   | 2.063 | 28.378   | 266,183 | 2.116                    | 25,751 | 597,026  | 2.228 | 57.757                                  | 597,026 |
| Profits ...                           | 282,643   | 1.989 | 27.344   | 54,775  | 0.435                    | 5,299  | 343,008  | 2.280 | 33.183                                  | 343,008 |
| Percentage of expenses to earnings... | 50.927    |       |          | 82.934  |                          |        | 63.511   |       |                                         | 63.511  |

\* The Leechon grow Lodge to Michigopolis during the half year was still the Broad gauge, and from Brecon to Congoveran on 3: 6" gauge, the rest of the line on Brecon gauge 3: 3 1/2"

## IV.—Traffic Earnings.

| 38                                                                     |                                 | 39                                   |                                              | 40        |                                                           | 41                                                                       |        | 42 |  | 43 |  |
|------------------------------------------------------------------------|---------------------------------|--------------------------------------|----------------------------------------------|-----------|-----------------------------------------------------------|--------------------------------------------------------------------------|--------|----|--|----|--|
| Description.                                                           |                                 | PASSENGERS OR TONS OF GOODS CARRIED. |                                              | EARNINGS. |                                                           | Percentage of total earnings contributed by each description of traffic. |        |    |  |    |  |
|                                                                        |                                 | Number.                              | Per cent. of total number and total tonnage. | Amount.   | Per cent. of total earnings from coaching and from goods. |                                                                          |        |    |  |    |  |
| Coaching <del>(Revenue)</del><br><del>Amount</del> <del>Abstract</del> | (1st Class                      | ...                                  | 35644                                        | 0.265     | Rs. 8986                                                  | Rs. 1.560                                                                | 61.27  |    |  |    |  |
|                                                                        | 2nd "                           | ...                                  | 30758                                        | 2.286     | 18069                                                     | 3.137                                                                    |        |    |  |    |  |
|                                                                        | 3rd "                           | ...                                  | 1311305                                      | 97.449    | 521386                                                    | 90.524                                                                   |        |    |  |    |  |
|                                                                        | 4th "                           | ...                                  | -                                            | -         | -                                                         | -                                                                        |        |    |  |    |  |
|                                                                        | Miscellaneous                   | ...                                  | Nil                                          | Nil       | 27522                                                     | 4.779                                                                    |        |    |  |    |  |
|                                                                        | Total                           | ...                                  | 1345627                                      | 100       | 575963                                                    | 100                                                                      |        |    |  |    |  |
|                                                                        | Less outstandings irrecoverable | ...                                  | Nil                                          | Nil       | -                                                         | Nil                                                                      |        |    |  |    |  |
|                                                                        | Net Total                       | ...                                  | Nil                                          | Nil       | 575963                                                    | Nil                                                                      |        |    |  |    |  |
|                                                                        |                                 | ...                                  |                                              |           |                                                           |                                                                          |        |    |  |    |  |
|                                                                        |                                 | ...                                  |                                              |           |                                                           |                                                                          |        |    |  |    |  |
| Goods <del>(Revenue)</del><br><del>Amount</del> <del>Abstract</del> I. | (Special                        | ...                                  | Tons. 24254                                  | 29.616    | Rs. 90432                                                 | Rs. 28.175                                                               | 34.144 |    |  |    |  |
|                                                                        | 1st Class                       | ...                                  | 46614                                        | 56.919    | 205666                                                    | 64.079                                                                   |        |    |  |    |  |
|                                                                        | 2nd "                           | ...                                  | -                                            | -         | -                                                         | -                                                                        |        |    |  |    |  |
|                                                                        | 3rd "                           | ...                                  | -                                            | -         | -                                                         | -                                                                        |        |    |  |    |  |
|                                                                        | 4th "                           | ...                                  | 614                                          | 0.750     | 6816                                                      | 2.124                                                                    |        |    |  |    |  |
|                                                                        | 5th "                           | ...                                  | 64                                           | 0.078     | 1642                                                      | 0.512                                                                    |        |    |  |    |  |
|                                                                        | Military Stores                 | ...                                  | 256                                          | 0.313     | 4002                                                      | 1.247                                                                    |        |    |  |    |  |
|                                                                        | Railway Materials               | ...                                  | 10093                                        | 12.324    | 11352                                                     | 3.537                                                                    |        |    |  |    |  |
|                                                                        | Minerals                        | ...                                  | -                                            | -         | -                                                         | -                                                                        |        |    |  |    |  |
|                                                                        | Miscellaneous                   | ...                                  | Nil                                          | Nil       | 1048                                                      | 0.326                                                                    |        |    |  |    |  |
| Sundries, including Electric Telegraph                                 | Total                           | ...                                  | 81895                                        | 100       | 320958                                                    | 100                                                                      | 4.586  |    |  |    |  |
|                                                                        | Less outstandings irrecoverable | ...                                  | Nil                                          | Nil       | -                                                         | Nil                                                                      |        |    |  |    |  |
|                                                                        | Net Total                       | ...                                  | Nil                                          | Nil       | 320958                                                    | Nil                                                                      |        |    |  |    |  |
|                                                                        |                                 | ...                                  |                                              |           |                                                           |                                                                          |        |    |  |    |  |
| Steam boat traffic                                                     | Total Railway earnings          | ...                                  | Nil                                          | Nil       | 43113                                                     | Nil                                                                      | 100    |    |  |    |  |
|                                                                        | Total, including steam boat     | ...                                  | Nil                                          | Nil       | 940034                                                    | Nil                                                                      |        |    |  |    |  |
|                                                                        |                                 | ...                                  | Nil                                          | Nil       | -                                                         | Nil                                                                      |        |    |  |    |  |
|                                                                        |                                 | ...                                  | Nil                                          | Nil       | 940034                                                    | Nil                                                                      |        |    |  |    |  |

## V.—Working Expenses.

| 44                                                  | 45           | 46            | 47                  | 48           | 49           | 50                         | 51                         | 52                  | 53                           |
|-----------------------------------------------------|--------------|---------------|---------------------|--------------|--------------|----------------------------|----------------------------|---------------------|------------------------------|
|                                                     | Maintenance. | Locomotive.   | Carriage and Wagon. | Traffic.     | General.     | Special and Miscellaneous. | Total Railway expenditure. | Steamboat expenses. | Total, including steam-boat. |
| <del>Amount (Revenue) ... ..</del><br>Amount ... .. | Rs.<br>33869 | Rs.<br>280630 | Rs.<br>156029       | Rs.<br>71012 | Rs.<br>41802 | Rs.<br>13684               | Rs.<br>597026              | Rs.<br>--           | Rs.<br>597026                |
| Percentage of Expenses of each Department ... ..    | 5.673        | 47.005        | 26.134              | 11.894       | 7.002        | 2.292                      | 100.000                    | Nil                 | Nil                          |

Review of the Revenue Account of the  
South Indian Railway, for the half-  
-year ended 30<sup>th</sup> June 1876.

No. 119.

SUBMITTED

to

Government.

2. The detailed comparison with the corresponding half of the previous year is of little value, owing to the different conditions under which the line was worked. The large addition to the open mileage had a general tendency to cheapen work, but this was more than counterbalanced by certain abnormal charges in the Locomotive Department. A general comparison was given in the Note on the Revenue Account, and the cause of the abnormal charges referred to was

there

There explained.

P.W.D.  
21 FEB 1877  
1876

Maintainer

Lieut. A. G. B.

Consulting Engineer for Railways

|   |   |        |        |      |      |        |              |
|---|---|--------|--------|------|------|--------|--------------|
| 6 | 1 | Horses | ...    | ...  |      |        |              |
|   | 2 | Cattle | ...    | ...  | 147  | 332    | 14.99720.334 |
|   |   | Total  | 267960 | 1305 | 3116 | 321200 | 28           |

## VI.—Haulage and Working.

| 54             | 55                                         | 56     | 57      | 58             | 59                              | 60    | 61                              | 62      | 63      | 64                                    | 65                              | 66       |
|----------------|--------------------------------------------|--------|---------|----------------|---------------------------------|-------|---------------------------------|---------|---------|---------------------------------------|---------------------------------|----------|
| TRAIN-MILEAGE. |                                            |        |         |                |                                 |       |                                 |         |         |                                       |                                 |          |
| Traffic.       | VEHICLE-MILEAGE (EXCLUSIVE OF BRAKE-VANS). |        |         |                |                                 |       |                                 |         |         |                                       |                                 |          |
|                | Run for public traffic.                    |        |         |                |                                 |       | Total, including Miscellaneous. |         |         |                                       |                                 |          |
|                | Coaching.                                  | Goods. | Total.  | Miscellaneous. | Total, including Miscellaneous. |       | Coaching.                       | Goods.  | Total.  | Miscellaneous (for Revenue purposes). | Total, including Miscellaneous. |          |
| 267969         | 3321                                       | 271299 | 2662266 | 2413392        | 5075658                         | 35121 | 510779                          | 2140378 | 2015557 | 4155936                               | 403933                          | 41963299 |

## VII.—Average composition and weight of Trains.

| 67                | 68                 | 69         | 70         | 71         | 72               | 73           | 74         | 75                     | 76          | 77              | 78              | 79              | 80          | 81                    | 82                                                      | 83            |
|-------------------|--------------------|------------|------------|------------|------------------|--------------|------------|------------------------|-------------|-----------------|-----------------|-----------------|-------------|-----------------------|---------------------------------------------------------|---------------|
| COMPOSITION.      |                    |            |            |            |                  |              |            |                        |             |                 |                 |                 |             |                       |                                                         |               |
| Nature of Trains. | Coaching Vehicles. |            |            |            |                  |              |            |                        |             |                 | Goods Vehicles. |                 |             |                       |                                                         |               |
|                   | 1st class.         | 2nd class. | 3rd class. | 4th class. | Carriage trucks. | Horse boxes. | Lug. vans. | Post Office vehs. clo. | Brake vans. | Goods vehs. cl. | Cattle vans.    | Mineral trucks. | Brake vans. | Freight or live load. | Dead load, exclusive of engines and tenders and brakes. | Total.        |
|                   | No.                | No.        | No.        | No.        | No.              | No.          | No.        | No.                    | No.         | No.             | No.             | No.             | No.         | Tons.                 | Tons.                                                   | Tons.         |
| Passenger ...     | ...                | ...        | ...        | ...        | ...              | ...          | ...        | ...                    | ...         | ...             | ...             | ...             | ...         | ...                   | ...                                                     | ...           |
| Goods ...         | ...                | ...        | ...        | ...        | ...              | ...          | ...        | ...                    | ...         | ...             | ...             | ...             | ...         | ...                   | ...                                                     | ...           |
| Mixed ...         | 0.622              | 0.711      | 7.536      | ...        | 0.023            | 0.126        | 0.476      | 0.402                  | 0.274       | 8.944           | 0.062           | ...             | ...         | 0.025                 | 34.477                                                  | 85.281/19.758 |

## VIII.—Average loads of Vehicles.

| 84                   | 85                         | 86      | 87                                | 88    | 89          | 90                                              |
|----------------------|----------------------------|---------|-----------------------------------|-------|-------------|-------------------------------------------------|
| Details.             | AVERAGE WEIGHT             |         |                                   |       |             |                                                 |
|                      | Average carrying capacity. |         | Average contents of each vehicle. |       | Of freight. |                                                 |
|                      | No.                        | No.     | Tons.                             | Tons. | Total.      | Proportion per cent. of freight to dead weight. |
| Coaching—            |                            |         |                                   |       |             |                                                 |
| 1st class ...        | 16-853                     | 1-273   | 5-431                             | 0-111 | 15-542      | 2-044                                           |
| 2nd " ...            | 34-986                     | 6-098   | 5-591                             | 0-534 | 6-125       | 9-551                                           |
| 3rd " ...            | 40-773                     | 23-744  | 4-682                             | 1-484 | 6-166       | 31-696                                          |
| 4th " ...            | ...                        | ...     | ...                               | ...   | ...         | ...                                             |
| Carriage trucks      | 1-500                      | 1-900   | 4-414                             | 0-641 | 5-055       | 14-522                                          |
| Horse boxes ...      | 2-429                      | 0-859   | 5-526                             | 0-376 | 5-902       | 6-804                                           |
| Luggage vans         | 5-087                      | 0-421   | 5-635                             | 0-421 | 6-056       | 7-471                                           |
| Post Office vehicles | ...                        | * 0-450 | 5-200                             | 0-450 | 5-650       | 8-654                                           |
| Goods—               |                            |         |                                   |       |             |                                                 |
| Goods vehicles       | 6-259                      | 2-500   | 4-094                             | 2-500 | 6-594       | 61-065                                          |
| Cattle vans ...      | 5-791                      | 0-518   | 3-825                             | 0-518 | 4-343       | 13-542                                          |
| Mineral trucks       | ...                        | ...     | ...                               | ...   | ...         | ...                                             |

\* Administered.

TABLE B.

Statement showing in comparison the Coaching Traffic of the half-years ending  
30th June 1875, and 30th June 1876.

| REFERENCE TO REVENUE ACCOUNT. |           | DETAILS.                  | NUMBER.        |                | AVERAGE FARE PER UNIT PER MILE. |                | RECEIPTS.      |                | AVERAGE MILEAGE. |                | TOTAL UNIT MILEAGE. |                |
|-------------------------------|-----------|---------------------------|----------------|----------------|---------------------------------|----------------|----------------|----------------|------------------|----------------|---------------------|----------------|
| Table and Main-head.          | Sub-head. |                           | 1st Half 1875. | 2nd Half 1876. | 1st Half 1875.                  | 2nd Half 1876. | 1st Half 1875. | 2nd Half 1876. | 1st Half 1875.   | 2nd Half 1876. | 1st Half 1875.      | 2nd Half 1876. |
| X (II.) 1                     | ...       | 1st CLASS PASSENGERS—     |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | Single journey            | 1125           | 3562           | 11.987                          | 8.080          | 3659           | 8572           | 52.117           | 57.186         | 58,606              | 203,698        |
|                               | ...       | Excess fares              | Nil            | Nil            | Nil                             | Nil            | 91             | 407            | Nil              | Nil            | 1974                | 14,913         |
|                               | ...       | Return journey            | 284            | —              | 6.263                           | —              | 207            | —              | 22.345           | —              | 6346                | —              |
|                               | ...       | Troops and Police         | 3              | 2              | 11.907                          | 7.814          | 13             | 7              | 86.000           | 86.000         | 258                 | 172            |
|                               |           | TOTAL                     | 1412           | 3564           | 11.352                          | 7.886          | 3973           | 8986           | 47.597           | 61.388         | 67,184              | 218,758        |
| 1                             | ...       | Season Ticket passengers— |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | 2nd CLASS—                |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | Single journey            | 6773           | 30248          | 5.081                           | 3.145          | 6013           | 17199          | 33.587           | 34.714         | 227,232             | 1,050,021      |
|                               | ...       | Excess fares              | Nil            | Nil            | Nil                             | Nil            | 349            | 553            | Nil              | Nil            | 26,658              | 85,630         |
|                               | ...       | Return journey            | 838            | —              | 3.627                           | —              | 285            | —              | 24.576           | —              | 25,672              | —              |
|                               |           | Troops and Police         | 135            | 270            | 5.091                           | 3.074          | 238            | 237            | 55.926           | 61.767         | 8973                | 73,677         |
|                               |           | TOTAL                     | 7776           | 30518          | 4.515                           | 3.002          | 7095           | 18019          | 36.337           | 37.759         | 282,539             | 1,152,328      |
| 1                             | ...       | Season Ticket passengers— |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | 3rd CLASS—                |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | Single journey            | 71709          | 1299313        | 2.058                           | 2.087          | 221782         | 512194         | 28.819           | 36.412         | 6,690,373           | 47,310,380     |
|                               | ...       | Excess fares              | Nil            | Nil            | Nil                             | Nil            | 513            | 1637           | Nil              | Nil            | 4174                | 16,112         |
|                               | ...       | Return journey            | 18506          | 6816           | 2.508                           | 2.638          | 5217           | 3101           | 21.860           | 22.437         | 399,461             | 1,529,281      |
|                               |           | Troops and Police         | 3415           | 5776           | 1.882                           | 2.056          | 5128           | 3459           | 65.352           | 62.399         | 223,142             | 322,979        |
|                               |           | TOTAL                     | 739830         | 1311305        | 2.005                           | 2.088          | 229,706        | 521,882        | 28.872           | 36.565         | 7,100,204           | 47,967,065     |
| 1                             | ...       | Season Ticket passengers— |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | 4th CLASS—                |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | Single journey            | Nil            | Nil            | Nil                             | Nil            | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Excess fares              | Nil            | Nil            | Nil                             | Nil            | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Return journey            | Nil            | Nil            | Nil                             | Nil            | —              | —              | Nil              | Nil            | —                   | —              |
|                               |           | Troops and Police         | Nil            | Nil            | Nil                             | Nil            | —              | —              | Nil              | Nil            | —                   | —              |
|                               |           | TOTAL                     | Nil            | Nil            | Nil                             | Nil            | —              | —              | Nil              | Nil            | —                   | —              |
| ...                           | ...       | Season Ticket passengers— |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | TOTAL—                    |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | Single journey            | 725807         | 1333123        | Nil                             | Nil            | 231454         | 539970         | 28.900           | 36.429         | 2,097,590           | 4,850,409      |
|                               | ...       | Excess fares              | Nil            | Nil            | Nil                             | Nil            | 953            | 2587           | Nil              | Nil            | 10578               | 26,166         |
|                               | ...       | Return journey            | 19658          | 816            | Nil                             | Nil            | 5908           | 2101           | 21.949           | 22.437         | 431,480             | 1,529,281      |
|                               |           | Troops and Police         | 3553           | 5448           | Nil                             | Nil            | 3015           | 3733           | 65.422           | 62.377         | 232,378             | 339,828        |
|                               |           | TOTAL                     | 749018         | 1345387        | Nil                             | Nil            | 241,330        | 548,391        | 28.984           | 36.658         | 2,470,992           | 4,931,851      |
| ...                           | ...       | Season Ticket passengers— |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | PASSENGERS' LUGGAGE       |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | MILITARY BAGGAGE          |                |                |                                 |                |                |                |                  |                |                     |                |
|                               | ...       | TON MILES.                | 7466           | 15884          | 58.891                          | 53.294         | 2290           | 4409           | Nil              | Nil            | Nil                 | Nil            |
|                               | ...       | TON MILES.                | 330            | 551            | 26.764                          | 26.134         | 46             | 75             | Nil              | Nil            | Nil                 | Nil            |
| 2                             | ...       | Public                    | No.            | No.            | 26.527                          | 22.998         | 971            | 1391           | Nil              | Nil            | 7028                | 11,617         |
|                               | ...       | Trains, &c.               | 338            | 338            | 12.145                          | 15.890         | 1464           | 2770           | Nil              | Nil            | 23,143              | 33,476         |
|                               | ...       | Trains, &c.               | 876            | 876            | 2.361                           | 2.246          | 302            | 728            | Nil              | Nil            | 24,557              | 62,221         |
|                               | ...       | MILITARY                  | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Horses                    | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| 3                             | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| 4                             | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| 5                             | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| 6                             | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| 7                             | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| 8                             | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| 9                             | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| ...                           | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| ...                           | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| ...                           | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| ...                           | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
| ...                           | ...       | Trains, &c.               | —              | —              | —                               | —              | —              | —              | Nil              | Nil            | —                   | —              |
|                               | ...       | Trains                    |                |                |                                 |                |                |                |                  |                |                     |                |

## Traffic Expenses.

| REFERENCE TO<br>REVENUE ACCOUNT. |               | 1st<br>HALF OF 1875                                                                            |                     |                        |           | 2nd<br>HALF OF 1876 |         |           |           |           |        |                         |                                        |           |
|----------------------------------|---------------|------------------------------------------------------------------------------------------------|---------------------|------------------------|-----------|---------------------|---------|-----------|-----------|-----------|--------|-------------------------|----------------------------------------|-----------|
| Table<br>and Main-<br>head.      | Sub-<br>head. | Total.                                                                                         | Increase.           |                        | Decrease. |                     | Total.  | Increase. |           | Decrease. |        | Cost per<br>train mile. | Cost per<br>1,000<br>vehicle<br>miles. |           |
|                                  |               |                                                                                                |                     |                        |           |                     |         |           |           |           |        |                         |                                        |           |
| XIV. 1                           | ...           | Train mileage (D—I. 2, page 7)                                                                 | ...                 | ...                    | ...       | ...                 | 154,593 | 267,969   | 113,376   | ...       | ...    |                         |                                        |           |
|                                  |               | (Coaching (M—I. 9 a, page 18)                                                                  | ...                 | ...                    | ...       | ...                 | 109,322 | 166,226   | 56,904    | ...       | ...    |                         |                                        |           |
|                                  |               | Vehicle mileage... (Goods (M—I. 16 a, page 18)                                                 | ...                 | ...                    | ...       | ...                 | 142,152 | 241,392   | 99,240    | ...       | ...    |                         |                                        |           |
|                                  |               | (Total                                                                                         | ...                 | ...                    | ...       | ...                 | 251,637 | 509,558   | 257,921   | ...       | ...    |                         |                                        |           |
|                                  |               |                                                                                                |                     |                        |           |                     |         |           |           |           |        |                         |                                        |           |
|                                  |               | DETAILS.                                                                                       |                     |                        |           |                     |         |           |           |           |        |                         |                                        |           |
|                                  |               |                                                                                                | 1st<br>HALF<br>1875 | 2nd<br>HALF<br>OF 1876 |           |                     |         |           |           |           |        |                         |                                        |           |
|                                  |               |                                                                                                | Total.              | Total.                 | Increase. | Decrease.           | Total.  | Total.    | Increase. | Decrease. | Total. | Total.                  | Increase.                              | Decrease. |
|                                  |               | SALARIES, WAGES, &c.—                                                                          | Rs.                 | Rs.                    | Rs.       | Rs.                 | Rs.     | Rs.       | Rs.       | Rs.       | Aa.    | Ra.                     |                                        |           |
| a                                | 1 & 3         | General Superintendence, including travelling allowances                                       | 4852                | 7995                   | 3143      | -                   | 7995    | 3143      | -         | -         | 0.477  | 1.575                   |                                        |           |
| a                                | 2 & 4         | Office Establishment and Contingencies                                                         | 1023                | 1967                   | 944       | -                   | 1967    | 944       | -         | -         | 0.118  | 0.388                   |                                        |           |
| b                                |               | Station Staff                                                                                  | 1577                | 4155                   | 2577      | -                   | 4155    | 2577      | -         | -         | 2.481  | 8.186                   |                                        |           |
| c                                |               | Train "                                                                                        | 3752                | 5642                   | 1890      | -                   | 5642    | 1890      | -         | -         | 0.337  | 1.112                   |                                        |           |
| 2                                | 1 to 3        | FUEL, LIGHTING, WATER AND GENERAL STORES                                                       | 1629                | 3600                   | 1971      | -                   | 3600    | 1971      | -         | -         | 0.215  | 0.709                   |                                        |           |
| 3                                |               | CLOTHING                                                                                       | 874                 | 1393                   | 519       | -                   | 1393    | 519       | -         | -         | 0.082  | 0.274                   |                                        |           |
| 4                                |               | PRINTING, STATIONERY, AND TICKETS                                                              | 2803                | 5218                   | 2415      | -                   | 5218    | 2415      | -         | -         | 0.312  | 1.028                   |                                        |           |
| 5                                |               | CHARGES FOR DELIVERY AND COLLECTION OF GOODS, &c.                                              | -                   | -                      | -         | -                   | -       | -         | -         | -         | -      | -                       |                                        |           |
| 6                                |               | MISCELLANEOUS EXPENSES                                                                         | 268                 | 684                    | 416       | -                   | 684     | 416       | -         | -         | 0.041  | 0.135                   |                                        |           |
|                                  |               | PAYMENTS TO OTHER LINES—                                                                       |                     |                        |           |                     |         |           |           |           |        |                         |                                        |           |
| 1                                |               | Hire of Vehicles                                                                               | -                   | -                      | -         | -                   | -       | -         | -         | -         | -      | -                       |                                        |           |
| 2                                |               | Mileage of Foreign Stock                                                                       | 7759                | -                      | -         | -                   | -       | -         | -         | -         | 7759   | -                       |                                        |           |
| 3                                |               | Expenses at Joint Stations                                                                     | 7025                | 3043                   | -         | -                   | 3043    | -         | -         | -         | 3982   | 0.181                   | 0.600                                  |           |
| 8                                |               | UNCLASSIFIED EXPENDITURE                                                                       | -                   | -                      | -         | -                   | -       | -         | -         | -         | -      | -                       |                                        |           |
|                                  |               | Total                                                                                          | 46758               | 71094                  | 36077     | 11741               | 71094   | 36077     | 11741     | 4.245     | 14.007 |                         |                                        |           |
|                                  |               | * Less Mileage on foreign stock,<br>transferred to table of assets,<br>received from accounts. | 7759                | 82                     | -         | -                   | 82      | -         | -         | 7677      | 0.005  | 0.016                   |                                        |           |
|                                  |               | Net Total                                                                                      | 38999               | 71012                  | 32613     | -                   | 71012   | 32613     | -         | -         | 4.240  | 13.991                  |                                        |           |

TABLE J.

## General Charges.

| REFERENCE TO<br>REVENUE ACCOUNT. |               | DETAILS.                                                                | 1875-76 |     | 1876-77 |           |           |     | Cost per<br>train mile. |
|----------------------------------|---------------|-------------------------------------------------------------------------|---------|-----|---------|-----------|-----------|-----|-------------------------|
| Table<br>and Main-<br>head.      | Sub-<br>head. |                                                                         | Total.  |     | Total.  | Increase. | Decrease. |     |                         |
| XIV. 1                           | ...           | TRAIN MILEAGE (D-I. 2, PAGE 7)                                          | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| IX. (E.) 1                       | 1 to 4        | HOME EXPENDITURE                                                        | ...     | ... | ...     | ...       | ...       | ... | ...                     |
|                                  |               | INDIAN MANAGEMENT—                                                      |         |     |         |           |           |     |                         |
| 1                                | ...           | Agent's Office, including travelling allowances and contingencies       | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 2                                | ...           | Auditor's Office                                                        | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 3                                | ...           | Account's Office                                                        | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 4                                | ...           | Paymaster's Office                                                      | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 5                                | ...           | Store Department                                                        | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 6                                | ...           | Medical Department                                                      | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 7                                | ...           | Rents                                                                   | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 8 to 10                          | ...           | Miscellaneous expenses, including Printing and Stationery and Medicines | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 3                                | 1 to 3        | POLICE                                                                  | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 4                                | ...           | ADVERTISING                                                             | ...     | ... | ...     | ...       | ...       | ... | ...                     |
|                                  |               | ELECTRIC TELEGRAPH—                                                     |         |     |         |           |           |     |                         |
| 1 to 4                           | ...           | Salaries, &c.                                                           | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 5                                | ...           | Maintenance (Wages and Stores)                                          | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 6                                | ...           | Government Telegraph Department for Rent, Maintenance, and Inspection   | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 6                                | ...           | CLEARING ACCOUNTS WITH OTHER LINES                                      | ...     | ... | ...     | ...       | ...       | ... | ...                     |
| 7                                | ...           | UNCLASSIFIED EXPENDITURE                                                | ...     | ... | ...     | ...       | ...       | ... | ...                     |
|                                  |               | Total                                                                   | ...     | ... | ...     | ...       | ...       | ... | ...                     |
|                                  |               | Less                                                                    | ...     | ... | ...     | ...       | ...       | ... | ...                     |
|                                  |               | * Net Total                                                             | ...     | ... | ...     | ...       | ...       | ... | ...                     |

TABLE C.—I.

Comparative Statement showing the weight and earnings of the principal commodities carried during the half-years ending *30<sup>th</sup> June* 1875, and *30<sup>th</sup> June* 1876

| DESCRIPTION.                | QUANTITY.   |             | RECEIPTS.   |             | Increase in quantity. | Decrease in quantity. | Increase in receipts. | Decrease in receipts. |
|-----------------------------|-------------|-------------|-------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                             | Half, 1875. | Half, 1876. | Half, 1875. | Half, 1876. |                       |                       |                       |                       |
|                             | Tons.       | Tons.       | Rs.         | Rs.         | Tons.                 | Tons.                 | Rs.                   | Rs.                   |
| <i>Araca nuts</i>           | 1156        | 1297        | 4232        | 6064        | 141                   | -                     | 1832                  | -                     |
| <i>Cloth</i>                | 971         | 2138        | 4808        | 14209       | 1167                  | -                     | 9401                  | -                     |
| <i>Cotton</i>               | 2476        | 4223        | -           | 2099        | 423                   | -                     | 2099                  | -                     |
| <i>Curry stuff</i>          | 1524        | 4248        | 12594       | 26097       | 1772                  | -                     | 13503                 | -                     |
| <i>Fruit and vegetables</i> | 19101       | 1450        | 6140        | 5648        | -                     | 74                    | -                     | 492                   |
| <i>Grain of all kinds</i>   | 6542        | 26259       | 42224       | 79231       | 7158                  | -                     | 3700                  | -                     |
| <i>Granite stones</i>       | 508         | 5377        | 7823        | 6802        | -                     | 1165                  | -                     | 1021                  |
| <i>Hides</i>                | 1043        | 760         | 2474        | 4343        | 252                   | -                     | 1869                  | -                     |
| <i>Oil and lhee</i>         | 1085        | 1577        | 6106        | 10561       | 534                   | -                     | 4455                  | -                     |
| <i>Oil - Cakes</i>          | 57432       | 2229        | 5866        | 11882       | 1144                  | -                     | 6016                  | -                     |
| <i>Salt</i>                 | 2871        | 6383        | 28219       | 29465       | 951                   | -                     | 1246                  | -                     |
| <i>Seeds of all kinds</i>   | 11291       | 5700        | 13361       | 30300       | 2829                  | -                     | 1690                  | -                     |
| <i>Spices</i>               | 429         | 13458       | 51968       | 79241       | 2167                  | -                     | 2727                  | -                     |
| <i>Tobacco</i>              | 129         | 503         | 2282        | 2616        | 74                    | -                     | 334                   | -                     |
| <i>Total</i>                | 54429       | 71802       | 188097      | 308558      | 17373                 | -                     | 120461                | -                     |

TABLE C.

Statement showing in comparison the Goods Traffic of the half-years ending  
30. June 1875, and 30. June 1876.

| REFERENCE TO<br>REVENUE ACCOUNT. | DETAILS.                                | TON MILES. |         |         |         | AVERAGE RATE<br>PER TON PER MILE. |                       | RECEIPTS.             |                       | AVERAGE MILEAGE.      |                       |
|----------------------------------|-----------------------------------------|------------|---------|---------|---------|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                  |                                         | Up.        | Down.   | Up.     | Down.   | 1st<br>Half,<br>1875.             | 2nd<br>Half,<br>1876. | 1st<br>Half,<br>1875. | 2nd<br>Half,<br>1876. | 1st<br>Half,<br>1875. | 2nd<br>Half,<br>1876. |
| X (I) 1                          | MERCHANDIZE, GENERAL—                   |            |         |         |         |                                   |                       |                       |                       |                       |                       |
|                                  | Special                                 | 283947     | 919962  | 629556  | 1515338 | 7.905                             | 8.095                 | 49569                 | 90422                 | 68.466                | 88.435                |
|                                  | 1st Class                               | 736829     | 1323665 | 1018798 | 2351800 | 12.008                            | 11.715                | 128865                | 205666                | 57.522                | 72.309                |
|                                  | 2nd "                                   | 158        | 1065    |         |         | 17.583                            |                       | 112                   |                       | 19.109                |                       |
|                                  | 3rd "                                   | 122        | 187     |         |         | 19.200                            |                       | 31                    |                       | 19.312                |                       |
|                                  | 4th "                                   | 5416       | 65578   | 23410   | 35002   | 23.964                            | 22.404                | 8861                  | 6816                  | 83.326                | 95.134                |
| 2                                | 5th "                                   | 1004       | 405     | 40      | 6078    | 42.379                            | 51.531                | 311                   | 1642                  | 23.881                | 95.594                |
|                                  | TOTAL                                   | 1027476    | 2310862 | 1671804 | 3908218 | 10.798                            | 10.479                | 167749                | 304556                | 61.371                | 77.992                |
| 3                                | MILITARY STORES                         | 2245       | 535     | 1835    | 26204   | 24.034                            | 27.404                | 348                   | 4002                  | 86.875                | 109.530               |
|                                  | RAILWAY, MATERIALS FOR<br>CONSTRUCTION. | 450525     | 48940   | 29421   | 90561   | 8.182                             | 5.665                 | 21284                 | 11352                 | 81.056                | 38.123                |
| 4                                | MINERALS—                               |            |         |         |         |                                   |                       |                       |                       |                       |                       |
|                                  | For the Public                          |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| 5                                | " Company (Con-<br>struction only.)     |            |         |         |         |                                   |                       |                       |                       |                       |                       |
|                                  | TOTAL GOODS                             | 1480246    | 2366337 | 1467856 | 4024988 | 10.467                            | 10.249                | 209381                | 319910                | 63.386                | 73.177                |
| 6                                | STORES CARRIED FREE FOR<br>REVENUE.     | 78770      | 26559   | 11654   | 30390   |                                   |                       |                       |                       | 57.556                | 32.181                |
|                                  | LIVE STOCK—                             |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| 7                                | 1 Horses                                |            |         | 5       |         |                                   |                       |                       |                       |                       | 109                   |
|                                  | 2 Cattle                                | 147        |         | 332     |         | 14.997                            | 20.334                | 278                   | 769                   | 3559                  | 7261                  |
| 8                                | 3 Sheep, &c.                            | 65         |         | 2019    |         | 45.995                            | 35.803                | 126                   | 204                   | 526                   | 1094                  |
|                                  | MILITARY LIVE STOCK—                    |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| 9                                | 1 Horses                                | 10         |         | 10      |         | 16.251                            | 19.198                | 32                    | 33                    | 378                   | 217                   |
|                                  | 2 Cattle                                |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| 10                               | 3 Sheep, &c.                            |            |         |         |         |                                   |                       |                       |                       |                       |                       |
|                                  | RENTS AND DEMURAGE,<br>WHARFAGE, &c.    |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| 10                               | INTEREST ON OUTSTANDING<br>BILLS.       |            |         |         |         |                                   |                       |                       |                       |                       |                       |
|                                  | MISCELLANEOUS                           |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| TOTAL                            |                                         |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| Less outstandings irrecoverable  |                                         |            |         |         |         |                                   |                       |                       |                       |                       |                       |
| NET TOTAL                        |                                         |            |         |         |         |                                   |                       |                       |                       |                       |                       |

TABLE C.—I.

Comparative Statement showing the weight and earnings of the principal commodities carried during the half-years ending *30<sup>th</sup> June* 1875, and *30<sup>th</sup> June* 1876

| Description.                | QUANTITY.  |            | RECEIPTS.  |            | Increase in quantity. | Decrease in quantity. | Increase in receipts. | Decrease in receipts. |
|-----------------------------|------------|------------|------------|------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                             | Half 1875. | Half 1876. | Half 1875. | Half 1876. |                       |                       |                       |                       |
|                             | Tons.      | Tons.      | Rs.        | Rs.        | Tons.                 | Tons.                 | Rs.                   | Rs.                   |
| <i>Araca Pulv</i>           | 1156       | 1297       | 4232       | 6064       | 141                   | -                     | 1832                  | -                     |
| <i>Cloth</i>                | 971        | 2138       | 4808       | 14209      | 1167                  | -                     | 9401                  | -                     |
| <i>Cotton</i>               | -          | 423        | -          | 2099       | 423                   | -                     | 2099                  | -                     |
| <i>Curry Stuff</i>          | 2476       | 4248       | 12594      | 28097      | 1772                  | -                     | 13503                 | -                     |
| <i>Fruit and Vegetables</i> | 1524       | 1430       | 6140       | 5648       | -                     | 74                    | -                     | 492                   |
| <i>Grain of all kinds</i>   | 19101      | 26259      | 42224      | 79231      | 7158                  | -                     | 37007                 | -                     |
| <i>Granite Stones</i>       | 6542       | 5377       | 7823       | 6802       | -                     | 1165                  | -                     | 1021                  |
| <i>Hides</i>                | 308        | 760        | 2474       | 4343       | 252                   | -                     | 1869                  | -                     |
| <i>Oil and Lhee</i>         | 1048       | 1577       | 5106       | 10561      | 534                   | -                     | 4455                  | -                     |
| <i>Oil-Cakes</i>            | 1085       | 2229       | 5866       | 11882      | 1144                  | -                     | 6016                  | -                     |
| <i>Salt</i>                 | 8432       | 6383       | 28219      | 29465      | 951                   | -                     | 1246                  | -                     |
| <i>Seeds of all kinds</i>   | 2871       | 5700       | 13361      | 30300      | 2829                  | -                     | 16909                 | -                     |
| <i>Spices</i>               | 11291      | 13458      | 51968      | 79241      | 2167                  | -                     | 27273                 | -                     |
| <i>Tobacco</i>              | 1129       | 503        | 2282       | 2616       | 74                    | -                     | 334                   | -                     |
| <i>Total</i>                | 54429      | 71802      | 188097     | 308558     | 17373                 | -                     | 120461                | -                     |

TABLE C.—I.

Comparative Statement showing the weight and earnings of the principal commodities carried during the half-years ending *30. June 1875, and 30. June 1876*

| DESCRIPTION.                | QUANTITY.      |                | RECEIPTS.      |                | Increase in quantity. | Decrease in quantity. | Increase in receipts. | Decrease in receipts. |
|-----------------------------|----------------|----------------|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                             | 1st Half 1875. | 1st Half 1876. | 1st Half 1875. | 1st Half 1876. |                       |                       |                       |                       |
| <i>Areca Nuts</i>           | Tons. 1156     | Tons. 1297     | Rs. 4232       | Rs. 6064       | Tons. 141             |                       | Rs. 1832              |                       |
| <i>Cloth</i>                | 971            | 2138           | 4808           | 14209          | 1167                  |                       | 9401                  |                       |
| <i>Cotton</i>               | 2476           | 423            |                | 2099           | 423                   |                       | 2099                  |                       |
| <i>Curry Stuff</i>          | 1524           | 4248           | 12594          | 28097          | 1772                  |                       | 13503                 |                       |
| <i>Fruit and Vegetables</i> | 19101          | 1450           | 6140           | 5648           |                       | 74                    |                       | 492                   |
| <i>Grain of all kinds</i>   | 6542           | 26259          | 42224          | 79231          | 7158                  |                       | 3700                  |                       |
| <i>Granite Stones</i>       | 508            | 5377           | 7823           | 6802           |                       | 1165                  |                       | 1021                  |
| <i>Hides</i>                | 1043           | 760            | 2474           | 4343           | 252                   |                       | 1869                  |                       |
| <i>Oil and Grease</i>       | 1085           | 1577           | 6106           | 10561          | 534                   |                       | 4455                  |                       |
| <i>Oil-Cakes</i>            | 5432           | 2229           | 5866           | 11882          | 1144                  |                       | 6016                  |                       |
| <i>Salt</i>                 | 2871           | 6383           | 28219          | 29465          | 951                   |                       | 1246                  |                       |
| <i>Seeds of all kinds</i>   | 11291          | 5700           | 13361          | 30300          | 2829                  |                       | 1690                  |                       |
| <i>Spices</i>               | 429            | 13458          | 51968          | 79241          | 2167                  |                       | 2727                  |                       |
| <i>Tobacco</i>              |                | 503            | 2282           | 2616           | 74                    |                       | 334                   |                       |
| <i>Total</i>                | 54429          | 71802          | 188097         | 308558         | 17373                 |                       | 120461                |                       |

## TABLE I.

## Maintenance of Way, Works, and Stations.

| REFERENCE TO<br>REVENUE ACCOUNT.                          |                                                                          | 1st<br>HALF, 1875. |                     | 1st<br>HALF OF 1876 |           |           |         |         |        |                                    |                                                |                    |                            |
|-----------------------------------------------------------|--------------------------------------------------------------------------|--------------------|---------------------|---------------------|-----------|-----------|---------|---------|--------|------------------------------------|------------------------------------------------|--------------------|----------------------------|
| Table and<br>Main head.                                   | Sub-<br>head.                                                            | Total.             |                     | Total.              | Increase. | Decrease. |         |         |        |                                    |                                                |                    |                            |
| IX. (A.)                                                  | ...                                                                      | 185                | 183.186             | -                   | -         | 1.814     |         |         |        |                                    |                                                |                    |                            |
|                                                           | Mileage of line maintained ( <del>...</del> )                            |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
|                                                           | Mileage of single track, including sidings ( <del>...</del> )            | 200.375            | 198.210             | -                   | -         | 2.165     |         |         |        |                                    |                                                |                    |                            |
| XIV. (L)                                                  | ...                                                                      | 152.593            | 267.969             | 113.376             | -         | -         |         |         |        |                                    |                                                |                    |                            |
|                                                           | Train mileage ( <del>...</del> )                                         |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
|                                                           | Ton mileage ( <del>...</del> )                                           | 233.357            | 419.632             | 186.274             | -         | -         |         |         |        |                                    |                                                |                    |                            |
| DETAILS.                                                  |                                                                          | 1st<br>HALF, 1875. | 1st<br>HALF OF 1876 |                     |           |           |         |         |        |                                    |                                                |                    |                            |
|                                                           |                                                                          | Total.             |                     | Total.              | Increase. | Decrease. |         |         |        |                                    |                                                |                    |                            |
| IX. (A.)                                                  | ...                                                                      | Rs.                | Rs.                 | Rs.                 | Rs.       | Rs.       | Rs.     | Rs.     | Rs.    | Per mile<br>of line<br>maintained. | Per mile<br>of track,<br>including<br>sidings. | Per train<br>mile. | Per<br>1,000<br>ton miles. |
| GENERAL SUPERINTENDENCE—                                  |                                                                          |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
| 1 & 2                                                     | Engineers' salaries and allowances                                       | 5464               | 5519                | 55                  | -         | -         | 30.125  | 27.844  | 0.330  | 0.131                              |                                                |                    |                            |
| 3 to 5                                                    | Subordinate Superintendents' salaries and allowances, including overtime | 4090               | 4095                | 5                   | -         | -         | 22.354  | 20.660  | 0.225  | 0.098                              |                                                |                    |                            |
| 6                                                         | Office expenses                                                          | 2269               | 2392                | 123                 | -         | -         | 13.058  | 12.068  | 0.143  | 0.057                              |                                                |                    |                            |
| MAINTENANCE AND RENEWAL OF PERMANENT-<br>WAY—             |                                                                          |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
| 1                                                         | Wages                                                                    | 17152              | 19009               | -                   | -         | -         | 143     | 103.760 | 95.903 | 1.135                              | 0.453                                          |                    |                            |
| 2                                                         | Materials                                                                | 816                | 3695                | 879                 | -         | -         | 20.171  | 18.642  | 0.221  | 0.088                              |                                                |                    |                            |
| REPAIRS OF BRIDGES, &c.—WAGES AND MA-<br>TERIALS—         |                                                                          |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
| 3                                                         | Bridges and Tunnels                                                      | 289                | 753                 | 464                 | -         | -         | 4.111   | 3.799   | 0.025  | 0.018                              |                                                |                    |                            |
|                                                           | Miscellaneous                                                            | 1251               | 471                 | -                   | -         | -         | 2.571   | 2.376   | 0.028  | 0.011                              |                                                |                    |                            |
| REPAIRS OF STATIONS AND BUILDINGS—WAGES<br>AND MATERIALS— |                                                                          |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
| 4                                                         | Repairs of all except Staff quarters                                     | 2916               | 1574                | -                   | -         | -         | 1342    | 8.592   | 7.941  | 0.094                              | 0.038                                          |                    |                            |
| 2                                                         | " of Staff quarters                                                      | 273                | 125                 | -                   | -         | -         | 148     | 0.682   | 0.631  | 0.007                              | 0.003                                          |                    |                            |
| MAINTENANCE BY CONTRACT—                                  |                                                                          |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
| 1                                                         | Amount paid to Contractors                                               | -                  | -                   | -                   | -         | -         | -       | -       | -      | -                                  | -                                              | -                  | -                          |
| 2                                                         | Materials supplied by the Company                                        | -                  | -                   | -                   | -         | -         | -       | -       | -      | -                                  | -                                              | -                  | -                          |
| New minor works                                           |                                                                          |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
| UNCLASSIFIED EXPENDITURE—                                 |                                                                          |                    |                     |                     |           |           |         |         |        |                                    |                                                |                    |                            |
| 1                                                         | Plantations                                                              | -                  | -                   | -                   | -         | -         | -       | -       | -      | -                                  | -                                              | -                  | -                          |
| 2                                                         | Tools and Plant                                                          | 366                | 639                 | 273                 | -         | -         | 3.488   | 3.224   | 0.038  | 0.015                              |                                                |                    |                            |
| 3                                                         | Loss on Stores, &c.                                                      | 168                | 978                 | 810                 | -         | -         | 5.339   | 4.934   | 0.058  | 0.023                              |                                                |                    |                            |
| Total                                                     |                                                                          | 39054              | 40200               | 3559                | 2413      | 219.449   | 202.815 | 2.401   | 0.958  |                                    |                                                |                    |                            |
| Less                                                      |                                                                          | -                  | 6301                | 6301                | 6301      | 31.941    | 0.378   | 0.151   |        |                                    |                                                |                    |                            |
| Net Total                                                 |                                                                          | 39054              | 33869               | -                   | -         | 5185      | 170.874 | 2.023   | 0.807  |                                    |                                                |                    |                            |

TABLE D.

## Statement of Mileage maintained by Revenue.

| REFERENCE TO<br>REVENUE<br>ACCOUNT. | DETAILS.                                               | 1st HALF OF 1875. |              |         |         | 1st HALF OF 1876. |              |         |        |
|-------------------------------------|--------------------------------------------------------|-------------------|--------------|---------|---------|-------------------|--------------|---------|--------|
|                                     |                                                        | Departmentally.   | By Contract. | Total.  | Miles.  | Departmentally.   | By Contract. | Total.  | Miles. |
|                                     |                                                        |                   |              |         |         |                   |              |         |        |
| IX. (A.) ...                        | 1. Mean miles of line main-<br>tained by Revenue.      | Miles.            | Miles.       | Miles.  | Miles.  | Miles.            | Miles.       | Miles.  | Miles. |
|                                     | 2. } Single ...                                        | 185,000           | -            | 185,000 | 183,186 | 183,186           | -            | 183,186 | 181,14 |
|                                     | 3. } Double ...                                        | -                 | -            | -       | -       | -                 | -            | -       | -      |
|                                     | 3. } Total ...                                         | 185,000           | -            | 185,000 | 183,186 | 183,186           | -            | 183,186 | 181,14 |
|                                     | 4. Mean miles of sidings main-<br>tained ...           | 15,375            | -            | 15,375  | 15,024  | 15,024            | -            | 15,024  | 0.351  |
|                                     | Total ...                                              | 200,375           | -            | 200,375 | 198,210 | 198,210           | -            | 198,210 | 2.165  |
|                                     | 5. Mean miles of single track<br>including sidings ... | 200,375           | -            | 200,375 | 198,210 | 198,210           | -            | 198,210 | 2.165  |

TABLE D.—I.

## Statement of Train Mileage.

| DETAILS.                      | TRAIN MILES RUN.    |                        |                         |         |                    | HOURS OF                |                         |        |
|-------------------------------|---------------------|------------------------|-------------------------|---------|--------------------|-------------------------|-------------------------|--------|
|                               | Traffic Department. | Locomotive Department. | Maintenance Department. | Total.  | Assisting Engines. | Shunting, Piloting, &c. | Miscellaneous Services. |        |
|                               |                     |                        |                         |         |                    |                         |                         |        |
| Reference to Revenue Account. | XIV. 1              | XIV. 2                 | XIV. 3                  | XIV. 4  | XIV. 5             | XIV. 6                  | XIV. 7                  | XIV. 8 |
| 1. 1st Half, 1875 ...         | 154,593             | 626                    | 3,542                   | 158,761 | 9.15               | 7,338.58                | 1594.15                 |        |
| Total ...                     | 154,593             | 626                    | 3,542                   | 158,761 | 9.15               | 7,338.58                | 1594.15                 |        |
| 2. 1st Half, 1876 ...         | 267,969             | 1,205                  | 2,116                   | 271,290 | 28.26              | 12,688.2                | 2,415.33                |        |
| Total ...                     | 267,969             | 1,205                  | 2,116                   | 271,290 | 28.26              | 12,688.2                | 2,415.33                |        |
| 3. Increase in 1876 ...       | 113,376             | 579                    | -                       | 113,955 | 19.11              | 5,349.4                 | 821.18                  |        |
| Total ...                     | 113,376             | 579                    | -                       | 113,955 | 19.11              | 5,349.4                 | 821.18                  |        |
| 4. Decrease in 1876 ...       | -                   | -                      | -                       | -       | -                  | -                       | -                       |        |
| Total ...                     | -                   | -                      | -                       | -       | -                  | -                       | -                       |        |

\*. Passenger train mileage  
Proportion of mixed train mileage due to Passengers 42.158  
Total 12,158

Goods train mileage  
Proportion of mixed train mileage due to Goods 158.11

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TABLE F.

## Locomotive Department Expenses.

| REFERENCE TO<br>REVENUE ACCOUNT. |               | DETAILS.                                                         | 1 <sup>st</sup> HALF,<br>1875 |                              | 1 <sup>st</sup> HALF OF 1876 |           | Per train<br>mile. | Per 1,000<br>ton miles. |
|----------------------------------|---------------|------------------------------------------------------------------|-------------------------------|------------------------------|------------------------------|-----------|--------------------|-------------------------|
| Table and<br>Main-head           | Sub-<br>head. |                                                                  | Total.                        |                              | Total.                       | Increase. |                    |                         |
| XIV-1                            | ...           | Train mileage (D-1, page 7)                                      | 154,593                       | 267,969                      | 113,376                      | -         |                    |                         |
|                                  | ...           | Ton mileage (M-1, column 27, page 18)                            | 26,333,575                    | 41,963,299                   | 15,629,724                   | -         |                    |                         |
|                                  |               | DETAILS.                                                         | 1 <sup>st</sup> HALF,<br>1875 | 1 <sup>st</sup> HALF OF 1876 |                              |           |                    |                         |
|                                  |               | Total.                                                           |                               | Total.                       | Increase.                    | Decrease. |                    |                         |
| IX (B)-1                         |               | GENERAL SUPERINTENDENCE—                                         |                               |                              |                              |           |                    |                         |
| 1 and 2                          |               | Salaries of Superintendents and Assistants, including allowances | 6,191                         | 6,867                        | 676                          | -         | 0.410              | 0.164                   |
| 3 to 5                           |               | Ditto of Subordinate ditto, including ditto                      | 5,595                         | 7,751                        | 2,156                        | -         | 0.463              | 0.185                   |
| 6                                |               | Office expenses                                                  | 4,168                         | 5,687                        | 1,519                        | -         | 0.340              | 0.136                   |
|                                  |               | RUNNING EXPENSES—                                                |                               |                              |                              |           |                    |                         |
| 1 and 2                          |               | Wages of Drivers and Firemen, including overtime                 | 17,960                        | 30,677                       | 12,717                       | -         | 1.832              | 0.731                   |
| 3                                |               | Fuelling, cleaning and looking after engines                     | 1,335                         | 3,192                        | 1,857                        | -         | 0.191              | 0.076                   |
| 4                                |               | Contingent expenses                                              | -                             | 1,183                        | 1,183                        | -         | 0.071              | 0.028                   |
|                                  |               | FUEL—                                                            |                               |                              |                              |           |                    |                         |
| 1                                |               | Coal                                                             | 41,812                        | 80,162                       | 38,350                       | -         | 4.786              | 1.910                   |
| 2                                |               | Coke                                                             | 148                           | -                            | -                            | 148       | -                  | -                       |
| 3                                |               | Patent fuel                                                      | -                             | 6,158                        | -                            | 6,906     | 0.368              | 0.147                   |
| 4                                |               | Wood                                                             | 1,182                         | 3,436                        | 2,254                        | -         | 0.205              | 0.082                   |
| ...                              |               | WATER—(including wages and stores).                              | 2,569                         | 3,843                        | 1,274                        | -         | 0.229              | 0.092                   |
| 5                                |               | OIL, TALLOW, AND OTHER STORES.                                   |                               |                              |                              |           |                    |                         |
|                                  |               | MAINTENANCE AND REPAIRS—                                         |                               |                              |                              |           |                    |                         |
| 1 and 2                          |               | Wages, including overtime                                        | 6,623                         | 9,480                        | 2,857                        | -         | 0.566              | 0.226                   |
| 3                                |               | Materials                                                        | 3,728                         | 65,311                       | 61,583                       | -         | 3.899              | 1.556                   |
| ...                              |               | PAYMENTS TO OTHER LINES—                                         | -                             | -                            | -                            | -         | -                  | -                       |
| ...                              |               | UNCLASSIFIED EXPENDITURE—                                        | -                             | 56,883                       | 56,883                       | -         | 0.396              | 1.355                   |
|                                  |               | Total                                                            | 104,375                       | 280,630                      | 183,309                      | 70,524    | 16.758             | 6.688                   |
|                                  |               | Less                                                             | -                             | -                            | -                            | -         | -                  | -                       |
|                                  |               | Net Total                                                        | 104,375                       | 280,630                      | 176,255                      | -         | 16.758             | 6.688                   |

## FUEL CONSUMED (FROM ABSTRACT B OF REVENUE ACCOUNT).

|                                                               | Average consumption per train mile. |             | Average consumption per 1,000 ton miles. |             |
|---------------------------------------------------------------|-------------------------------------|-------------|------------------------------------------|-------------|
|                                                               | Coal, coke and patent fuel.         | Wood.       | Coal, coke and patent fuel.              | Wood.       |
| Quantity consumed during the 1 <sup>st</sup> half of 1875 ... | Tons. 1,990                         | Tons. 2,433 | lbs. 28,892                              | lbs. 35,254 |
| " " 1 <sup>st</sup> half of 1876 ...                          | Tons. 4,220                         | Tons. 1,085 | lbs. 35,276                              | lbs. 9,070  |
| Increase in 1876 ...                                          | Tons. 2,230                         | Tons. ...   | lbs. 6,384                               | lbs. ...    |
| Decrease in 1876 ...                                          | Tons. ...                           | Tons. 1,348 | lbs. ...                                 | lbs. 26,184 |
|                                                               |                                     |             |                                          | 149,045     |

### TABLE G.—II.

### Distribution of Vehicle Mileage according to the Traffic carried.

| Description of Vehicles.                                    |     | Mileage run. | REMARKS.                                           |
|-------------------------------------------------------------|-----|--------------|----------------------------------------------------|
| <b>Coaching—</b>                                            |     |              |                                                    |
| First-class                                                 | ... | 171929       |                                                    |
| Second "                                                    | ... | 190594       |                                                    |
| Third "                                                     | ... | 2019325      |                                                    |
| Fourth "                                                    | ... | - - -        |                                                    |
| Carriage trucks                                             | ... | 6113         |                                                    |
| Horse boxes                                                 | ... | 39054        |                                                    |
| Luggage vans                                                | ... | 127442       |                                                    |
| Post Office vehicles                                        | ... | 107809       |                                                    |
| Total (paying vehicle mileage)                              | ... | 2662266      |                                                    |
| Passenger brake-vans                                        | ... | 73503        |                                                    |
| Total, including brakes                                     | ... | 2735769      | miles includes 17127 of empty vehicles             |
| <b>Goods—</b>                                               |     |              |                                                    |
| Goods vehicles                                              | ... | 2396649      |                                                    |
| Cattle vans                                                 | ... | 16743        |                                                    |
| Mineral trucks                                              | ... | - - -        |                                                    |
| Total (paying vehicle mileage)                              | ... | 2413392      |                                                    |
| Goods brake-vans                                            | ... | 7773         |                                                    |
| Total, including brakes                                     | ... | 2421165      | miles includes 630371 of empty vehicles            |
| <b>Miscellaneous—</b>                                       |     |              |                                                    |
| (For stores and materials carried free on Revenue Account.) | ... |              |                                                    |
| For Locomotive Department (in entire train loads)           | ... | 29597        | Ton mileage of stores and materials carried 132228 |
| " Engineering                                               | ... | 5524         | 11607                                              |
| " Stores carried free in Railway Traffic trains             | ... | 6171         | 3102                                               |
| Brake-vans                                                  | ... | 397          | Nil                                                |
| Total, including brakes                                     | ... | 41689        | 146937                                             |
| Grand Total                                                 | ... | 5198623      | 146937                                             |

## Repairs and working of Vehicles.

| Description of Vehicles. | Average weight in tons. | Average carrying capacity. | Total number constructed to end of half-year. | REPAIRED AND RENEWED. |                 |        | Average number constantly under repairs and renewals. | Proportion per cent. constantly under repairs and renewals. | Number laid by as spare, or hired out, or loaned to. | Average number in working order. | Total vehicle mileage. | AVERAGE MILES RUN PER VEHICLE. |          |
|--------------------------|-------------------------|----------------------------|-----------------------------------------------|-----------------------|-----------------|--------|-------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------|----------------------------------|------------------------|--------------------------------|----------|
|                          |                         |                            |                                               | Number repaired.      | Number renewed. | Total. |                                                       |                                                             |                                                      |                                  |                        | During half-year.              | Per day. |
|                          |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                      |                                  |                        |                                |          |
| Coaching Stock           |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                      |                                  |                        |                                |          |
| Conestoga wagons         | 3.52                    | 6.00                       | 382                                           | 106                   | -               | 106    | 1.589                                                 | 0.416                                                       | -                                                    | 380.411                          | 1433.651               | 3769                           | 21       |
| High wheel do            | 3.18                    | 6.00                       | 157                                           | 72                    | -               | 72     | 0.939                                                 | 0.598                                                       | -                                                    | 156.061                          | 2104.07                | 1348                           | 7        |
| Spec. goods box sited    | 2.92                    | 5.50                       | 67                                            | 19                    | -               | 19     | 0.217                                                 | 0.324                                                       | -                                                    | 66.783                           | 706.42                 | 1058                           | 6        |
| Cotton trucks            | 4.15                    | 4.50                       | 72                                            | 1                     | -               | 1      | 0.008                                                 | 0.053                                                       | -                                                    | 71.962                           | 44.898                 | 624                            | 3        |
| Boxster - brass          | 5.15                    | 4.00                       | 3                                             | 2                     | -               | 2      | 0.038                                                 | 1.266                                                       | -                                                    | 2.962                            | 2989                   | 1009                           | 6        |
| Double trucks            | 2.40                    | 5.00                       | 24                                            | 1                     | -               | 1      | 0.000                                                 | -                                                           | -                                                    | 24.000                           | 3382                   | 1410                           | 8        |
| Black box wagon          | 2.83                    | 5.50                       | 130                                           | 36                    | -               | 36     | 0.309                                                 | 0.238                                                       | -                                                    | 129.691                          | 51307                  | 473                            | 3        |
| Salt-brass               | 3.62                    | 6.00                       | 11                                            | 4                     | -               | 4      | 0.055                                                 | 0.500                                                       | -                                                    | 10.945                           | 37043                  | 3355                           | 19       |
| Woods State brass        | 4.34                    | 3.00                       | 13                                            | 3                     | -               | 3      | 0.008                                                 | 0.292                                                       | -                                                    | 12.962                           | 45152                  | 3715                           | 20       |
| Five-ton handling car    | -                       | -                          | 1                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | 1.000                            | 156                    | 156                            | -        |
| Heavy Machinery          |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                      |                                  |                        |                                |          |
| Tractor 3'-6"            | -                       | -                          | 560                                           | 244                   | -               | 244    | 3.223                                                 | 0.374                                                       | -                                                    | 856.777                          | 943070                 | 2268                           | 12       |
| Sheep pen plows          | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Valuers                  | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Tractor class            | -                       | 12                         | 3                                             | -                     | 2               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Compressor               | 2.77                    | 6.8                        | 4                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Reamer                   | 3.03                    | 16                         | 6                                             | -                     | 3               | -      | 0.065                                                 | 0.151                                                       | -                                                    | 35.935                           | 9875                   | 7332                           | -        |
| Shovel                   | 2.88                    | 25                         | 20                                            | -                     | 11              | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Measuring machine        | 3.75                    | -                          | 3                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Other                    | -                       | 36                         | -                                             | 16                    | 16              | 16     | 0.065                                                 | 0.181                                                       | -                                                    | 35.935                           | 58511                  | 1628                           | 9        |
| Ground ports             |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                      |                                  |                        |                                |          |
| Hydraulic do             | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| New horse box sited      | 2.28                    | 3.00                       | 40                                            | 38                    | 38              | 38     | 0.120                                                 | 0.300                                                       | -                                                    | 39.880                           | 18347                  | 460                            | 3        |
| Cattle brass             | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Boxster brass            | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Double trucks            | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Cotton wagons            | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Woods State brass        | -                       | -                          | -                                             | -                     | -               | -      | -                                                     | -                                                           | -                                                    | -                                | -                      | -                              | -        |
| Total ...                | -                       | 40                         | -                                             | 38                    | 38              | 38     | 0.120                                                 | 0.300                                                       | -                                                    | 39.880                           | 18347                  | 460                            | 3        |
| Grand Total              | 12                      | 4                          | 4                                             | 3                     | 3               | 4      | 4                                                     | 4                                                           | 4                                                    | 14                               | 5                      | 4                              | 2        |

Good spots for  
 high school &  
 New Good for sides  
 Cattle Brand  
 Gooder Brand  
 Gooder trucks  
 Cattle Brand  
 Gooder trucks  
 Gooder trucks

Goods Vehicle

Open Goods box and  
Cotton Truck  
Boxcar - 3  
Smoked meats  
Black Wagon  
Salt Water  
Goods Water  
Fire for handling  
Black Wagon

Gauge 3'-6"  
~~outside~~  
 Deepening  
 Valleys  
 Overlies  
 Composite  
 Second  
 Third  
 Average water level

|     |        |                                                     |                                       |     |
|-----|--------|-----------------------------------------------------|---------------------------------------|-----|
| (e) | 231394 | Indecorose New with third class Passenger (i) 30238 | Unit was new for engine. loco: 494711 | Eng |
| (f) | 1640   | Do                                                  | Amalgams                              |     |
| (g) | 5185   | Do                                                  | with third class Passenger            |     |
| (h) | 197    | Do                                                  | Carriages                             |     |

Bohler 17

7th.   
 - - - 55 40 1 - 40 0.505 0.918 - - 54.495 (2/6/55) 68 11843 65

7th.   
 - - - 55 40 1 - 40 0.505 0.918 - - 54.495 (2/6/55) 68 11843 65

|        |         |       |         |          |         |
|--------|---------|-------|---------|----------|---------|
| Ref    | -       | -     | -       | -        | -       |
| 190103 | 103.262 | 0.664 | 188.738 | 179.3576 | 9503 52 |

|                                                     |                                                                |
|-----------------------------------------------------|----------------------------------------------------------------|
| (a) 203 miles of locomotion for food traffic        | C. 7695 miles movement for Engineering & domestic traffic 1894 |
| (a1) 522 ~ Do ~ Engineering & domestic traffic 1894 | 1862 ~ Do ~                                                    |
| (31) 2082 ~ Do ~ with this class locomotion         |                                                                |

TABLE G.

## Carriage and Wagon Expenses.

| REFERENCE TO<br>REVENUE ACCOUNT. |                                                       | 1 <sup>st</sup> HALF<br>1874 |         | 2 <sup>nd</sup> HALF OF 1874 |           | Cost per<br>1,000<br>vehicle<br>miles. |
|----------------------------------|-------------------------------------------------------|------------------------------|---------|------------------------------|-----------|----------------------------------------|
| Table<br>and Main-<br>head.      | Sub-<br>head.                                         | Total.                       | Total.  | Increase.                    | Decrease. |                                        |
|                                  |                                                       |                              |         |                              |           |                                        |
| XIV—1                            | ...                                                   | ...                          | ...     | ...                          | ...       |                                        |
|                                  | Train mileage (D—I. 2, page 7) ...                    | 154,593                      | 267,969 | 113,376                      | —         |                                        |
|                                  | (Coaching (M—I. 9 a, page 18) ...                     | 109,223                      | 266,226 | 156,903                      | —         |                                        |
|                                  | Vehicle mileage. { Goods (M—I. 16 a, page 18) ...     | 142,315                      | 241,392 | 99,077                       | —         |                                        |
|                                  | Total ...                                             | 251,637                      | 507,568 | 255,931                      | —         |                                        |
| DETAILS.                         |                                                       | 1 <sup>st</sup> HALF<br>1875 |         | 2 <sup>nd</sup> HALF OF 1875 |           |                                        |
|                                  |                                                       | Total.                       | Total.  | Increase.                    | Decrease. |                                        |
|                                  | GENERAL SUPERINTENDENCE—                              | Rs.                          | Rs.     | Rs.                          | Rs.       | Ra.                                    |
| 1 and 2                          | Salaries of Superintendents, including allowances ... | 1102                         | 719     | —                            | 383       | 0.043                                  |
| 3 to 5                           | Ditto of Subordinate ditto, including ditto ...       | 1074                         | 861     | —                            | 213       | 0.051                                  |
| 6                                | Office expenses ...                                   | 726                          | 591     | —                            | 135       | 0.035                                  |
|                                  | REPAIRS AND RENTALS OF VEHICLES AND MACHINERY—        |                              |         |                              |           |                                        |
|                                  | (Wages, including overtime ...                        | 886                          | 2133    | 1247                         | —         | 0.801                                  |
| 1 to 3                           | Coaching vehicles { Materials ...                     | 1476                         | 2952    | 1476                         | —         | 1.109                                  |
|                                  | (Wages, including overtime ...                        | 2217                         | 2898    | 681                          | —         | 1.206                                  |
| 1 to 3                           | Goods vehicles. { Materials ...                       | 3925                         | 4918    | 993                          | —         | 2.038                                  |
|                                  | CLEANING AND OILING—                                  |                              |         |                              |           |                                        |
| 1                                | Labor, including wages of oilers, &c. ...             | 1419                         | 3312    | 1893                         | —         | 0.198                                  |
| 2                                | Stores ...                                            | 1454                         | 1769    | 315                          | —         | 0.349                                  |
|                                  | UNCLASSIFIED EXPENDITURE ...                          | —                            | 135888  | 135888                       | —         | 8.114                                  |
| 4                                | Total ...                                             | 14279                        | 156041  | 142493                       | 731       | 9.317                                  |
|                                  | Less ...                                              | 31                           | 12      | —                            | 19        | —                                      |
|                                  | Net Total ...                                         | 14248                        | 156029  | 141781                       | —         | 9.317                                  |
|                                  |                                                       |                              |         |                              |           | 30.741                                 |

a Per 1000 Coaching Vehicle Miles  
7 Per 1000 Goods Vehicle Miles

## Locomotive Power.

\* (17528 miles) the mileage of 9 Engines sold to the Punjab Prothems State Railway has been deducted from the total which therefore does not agree with the total train mileage shown in form XIV of Revenue Accounts.

\* (17528 miles) the mileage of 9 Engines sold to the Punjab Prothems State Railway has been deducted from the total which therefore does not agree with the total train mileage shown in form XIV of Revenue Accounts.

TABLE K.  
Steam Boat Service.

| REFERENCE TO<br>REVENUE ACCOUNT. |               | DETAILS.                                      | 1 <sup>st</sup> HALF,<br>1875 | 1 <sup>st</sup> HALF OF 1876 |           |           |
|----------------------------------|---------------|-----------------------------------------------|-------------------------------|------------------------------|-----------|-----------|
| Table<br>and Main-<br>head.      | Sub-<br>head. |                                               | Total.                        | Total.                       | Increase. | Decrease. |
|                                  |               |                                               | Rs.                           | Rs.                          | Rs.       | Rs.       |
| IX (3)                           | 1             | WORKING VESSELS—                              |                               |                              |           |           |
|                                  | 2             | Salaries and allowances of Officers and Crews |                               |                              |           |           |
|                                  | 3             | Loading and unloading vessels                 |                               |                              |           |           |
|                                  | 4             | Pilotage fees                                 |                               |                              |           |           |
|                                  |               | Contingencies                                 |                               |                              |           |           |
| 2                                | 1             | REPAIRS—                                      |                               |                              |           |           |
|                                  | 2             | Wages                                         |                               |                              |           |           |
|                                  |               | Materials                                     |                               |                              |           |           |
| 3                                | 1             | FUEL—                                         |                               |                              |           |           |
|                                  | 2             | Fuelling Establishment and Fuelling vessels   |                               |                              |           |           |
|                                  | 3             | Coal                                          |                               |                              |           |           |
|                                  | 4             | Coke                                          |                               |                              |           |           |
|                                  | 5             | Patent fuel                                   |                               |                              |           |           |
|                                  |               | Wood                                          |                               |                              |           |           |
| 4                                |               | MISCELLANEOUS STORES                          |                               |                              |           |           |
| 5                                | 1 & 2         | STEAM TRAFFIC AGENCIES                        |                               |                              |           |           |
| 6                                | 1 to 4        | MISCELLANEOUS EXPENDITURE                     |                               |                              |           |           |
| 7                                |               | CONTRIBUTION TO FLOTILLA RESERVE FUND         |                               |                              |           |           |
|                                  |               | Total                                         |                               |                              |           |           |
|                                  |               | Less                                          |                               |                              |           |           |
|                                  |               | Net Total                                     |                               |                              |           |           |
|                                  |               |                                               | Quantity con-<br>sumed.       | Quantity con-<br>sumed.      | Increase. | Decrease. |
|                                  |               |                                               | Tons.                         | Tons.                        | Tons.     | Tons.     |
| 3                                | 2             | Coal                                          |                               |                              |           |           |
|                                  | 3             | Coke                                          |                               |                              |           |           |
|                                  | 4             | Patent fuel                                   |                               |                              |           |           |
|                                  | 5             | Wood                                          |                               |                              |           |           |
|                                  |               |                                               |                               |                              |           |           |

TABLE L.

Special and Miscellaneous Expenditure.

| REFERENCE TO<br>REVENUE ACCOUNT. |               | DETAILS.                          | 1 <sup>st</sup> HALF,<br>1875 | 1 <sup>st</sup> HALF OF 1876 |           |           |
|----------------------------------|---------------|-----------------------------------|-------------------------------|------------------------------|-----------|-----------|
| Table<br>and Main-<br>head.      | Sub-<br>head. |                                   | Total.                        | Total.                       | Increase. | Decrease. |
|                                  |               |                                   | Rs.                           | Rs.                          | Rs.       | Rs.       |
| IX (G) 1                         |               | LAW CHARGES                       | 16                            |                              |           |           |
| 2                                | 1             | COMPENSATION                      |                               |                              |           |           |
|                                  | 2             | For goods lost or damaged         |                               |                              |           |           |
|                                  | 3             | " personal injury                 |                               |                              |           | 669       |
|                                  |               | " other claims                    |                               |                              |           |           |
| 3                                |               | RATES AND TAXES                   | 1343                          |                              |           |           |
| 4                                |               | INTEREST ON REVENUE BALANCES      |                               |                              |           |           |
| 5                                | 1             | Payments to other lines           |                               |                              |           |           |
|                                  | 2             | Contribution to Branch Fund       |                               |                              |           |           |
|                                  | 3             | Fire Insurance Fund               |                               |                              |           |           |
|                                  | 4             | Permanent and Renewal Fund        |                               |                              |           |           |
|                                  |               | Rent of stations jointly occupied |                               |                              |           |           |
|                                  |               | Total                             | 9178                          | 130                          |           |           |
|                                  |               | Less                              |                               |                              |           |           |
|                                  |               | Net Total                         | 9178                          | 130                          |           |           |

... In accordance with Table H as per revised form of

## ANALYSIS OF CARRYING COST.

TABLE M.—I.

| Definitions.                  |                                    | Approximate weight of units to be adopted in these calculations— |               |
|-------------------------------|------------------------------------|------------------------------------------------------------------|---------------|
|                               |                                    | Coaching—                                                        | Cwt. Tons.    |
| The unit of passenger traffic | is 1 passenger, plus free luggage. | A 1st class passenger with free luggage...                       | 1.75 or .0875 |
| " of carriages                | is 1 carriage.                     | A 2nd class do. do.                                              | 1.75 or .0875 |
| " of horses                   | is 1 horse.                        | A 3rd class do. do.                                              | 1.25 or .0625 |
| " of luggage                  | is 1 ton.                          | A 4th class do. do.                                              | 1.25 or .0625 |
| " of Post Office vehicles     | is 1 "                             | A carriage (average for two and four-wheeled)                    | 6.75 or .3375 |
| " of goods                    | is 1 "                             |                                                                  |               |
| " of cattle                   | is 1 "                             |                                                                  |               |

Data for calculating the incidence of carrying cost per unit per mile for each class of Passenger Traffic, and for Goods, Cattle, and Minerals.

| DETAILS.                                                             |                                            | Total Mileage of each description of rolling stock. | Total mileage of units. | AVERAGE CONTENTS IN UNITS OF EACH VEHICLE. |                 | Average weight of rolling stock in Tons. | Total average weight, including contents of each vehicle in Tons. | Proportion per cent. of freight to total weight. | TON MILEAGE |                 | TOTAL TON MILEAGE.                           |                                              |
|----------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|-------------------------|--------------------------------------------|-----------------|------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|-------------|-----------------|----------------------------------------------|----------------------------------------------|
|                                                                      |                                            | (a)                                                 | (b)                     | No.                                        | Weight in Tons. | (c)                                      | (d)                                                               | (e)                                              | of freight. | of dead weight. | Excluding engines and tenders and brake-vans | Including engines and tenders and brake-vans |
| <b>COACHING—</b>                                                     |                                            |                                                     |                         |                                            |                 |                                          |                                                                   |                                                  |             |                 |                                              |                                              |
| 1                                                                    | 1st class                                  | 171,927                                             | 213,785                 | 1,273                                      | 0.111           | 5.431                                    | 5.542                                                             | 2.009                                            | 17,144      | 933,747         | 952,891                                      | Nil                                          |
| 2                                                                    | 2nd "                                      | 190,594                                             | 116,218                 | 6,098                                      | 0.534           | 5.591                                    | 6.125                                                             | 8.710                                            | 101,590     | 1,065,511       | 1,167,201                                    | Nil                                          |
| 3                                                                    | 3rd "                                      | 207,225                                             | 79,474                  | 23,744                                     | 1.484           | 4.682                                    | 6.166                                                             | 24.068                                           | 299,671     | 945,479         | 1,245,150                                    | Nil                                          |
| 4                                                                    | 4th "                                      | —                                                   | —                       | —                                          | —               | —                                        | —                                                                 | —                                                | —           | —               | —                                            | Nil                                          |
| 5                                                                    | Carriage trucks                            | 3,113                                               | 11,617                  | 1,900                                      | 0.541           | 4.414                                    | 5.055                                                             | 12.688                                           | 3,921       | 26,983          | 32,904                                       | Nil                                          |
| 6                                                                    | Horse-boxes                                | 3,705                                               | 33,551                  | 0.859                                      | 0.373           | 5.526                                    | 5.902                                                             | 6.369                                            | 14,681      | 215,812         | 230,493                                      | Nil                                          |
| 7                                                                    | Luggage vans                               | 12,742                                              | 53,623                  | Nil                                        | 0.421           | 5.635                                    | 6.056                                                             | 6.948                                            | 53,623      | 718,136         | 771,759                                      | Nil                                          |
| 8                                                                    | Post Office vehicles                       | 107,800                                             | —                       | Nil                                        | 0.400           | 5.200                                    | 5.600                                                             | 7.965                                            | 45,514      | 550,507         | 609,121                                      | Nil                                          |
| 9                                                                    | Total                                      | 266,224                                             | Nil                     | Nil                                        | Nil             | Nil                                      | Nil                                                               | Nil                                              | 323,828     | 1,275,375       | 1,621,365                                    | Nil                                          |
| 10                                                                   | Passenger engines and tenders              | 142,158                                             | Nil                     | Nil                                        | Nil             | 33.733                                   | Nil                                                               | Nil                                              | Nil         | 4,795,784       | Nil                                          | Nil                                          |
| 11                                                                   | " Brake-vans                               | 7,353                                               | Nil                     | Nil                                        | Nil             | 5.365                                    | Nil                                                               | Nil                                              | Nil         | 394,344         | Nil                                          | Nil                                          |
| 12                                                                   | Total coaching, ton mileage                | Nil                                                 | Nil                     | Nil                                        | Nil             | Nil                                      | Nil                                                               | Nil                                              | 323,828     | 1,665,503       | Nil                                          | 1,403,787                                    |
| <b>GOODS—</b>                                                        |                                            |                                                     |                         |                                            |                 |                                          |                                                                   |                                                  |             |                 |                                              |                                              |
| 13                                                                   | Goods vehicles                             | 239,649                                             | 399,221                 | Nil                                        | 2.500           | 1.094                                    | 6.594                                                             | 37.913                                           | 5,992,841   | 9,811,880       | 15,804,721                                   | Nil                                          |
| 14                                                                   | Cattle vans                                | 16,743                                              | 8,581                   | Nil                                        | 0.578           | 3.825                                    | 4.345                                                             | 11.933                                           | 8,581       | 64,042          | 72,723                                       | Nil                                          |
| 15                                                                   | Mineral trucks                             | —                                                   | —                       | Nil                                        | —               | —                                        | —                                                                 | —                                                | —           | —               | —                                            | Nil                                          |
| 16                                                                   | Total                                      | 241,232                                             | Nil                     | Nil                                        | Nil             | Nil                                      | Nil                                                               | Nil                                              | 6,001,522   | 9,875,922       | 15,877,444                                   | Nil                                          |
| 17                                                                   | Goods engines and tenders                  | 2,581                                               | Nil                     | Nil                                        | Nil             | 33.733                                   | Nil                                                               | Nil                                              | Nil         | 4,244,351       | Nil                                          | Nil                                          |
| 18                                                                   | " Vans                                     | 1,070                                               | Nil                     | Nil                                        | Nil             | 5.365                                    | Nil                                                               | Nil                                              | Nil         | 3,177           | Nil                                          | Nil                                          |
| 19                                                                   | Total                                      | 242,303                                             | Nil                     | Nil                                        | Nil             | Nil                                      | Nil                                                               | Nil                                              | 6,001,522   | 4,247,529       | Nil                                          | Nil                                          |
| <b>MISCELLANEOUS (FOR STATEMENT NO. VIII OF THE REVENUE ACCOUNT)</b> |                                            |                                                     |                         |                                            |                 |                                          |                                                                   |                                                  |             |                 |                                              |                                              |
| 20                                                                   | For Traffic Department                     | 6,471                                               | 3,105                   | Nil                                        | 0.500           | 2.377                                    | 1.882                                                             | 10.525                                           | 3,102       | 27,023          | 30,125                                       | Nil                                          |
| 21                                                                   | For Locomotive Department                  | 13,228                                              | 13,228                  | Nil                                        | 4.433           | 3.570                                    | 8.038                                                             | 55.881                                           | 13,228      | 105,651         | 237,889                                      | Nil                                          |
| 22                                                                   | Maintenance                                | 5,244                                               | 11,607                  | Nil                                        | 2.101           | 2.935                                    | 5.035                                                             | 41.723                                           | 11,607      | 16,213          | 27,820                                       | Nil                                          |
| 23                                                                   | Total                                      | 25,943                                              | Nil                     | Nil                                        | Nil             | Nil                                      | Nil                                                               | Nil                                              | 28,957      | 148,897         | 295,834                                      | Nil                                          |
| 24                                                                   | Engines and tenders                        | 3,321                                               | Nil                     | Nil                                        | Nil             | 32.352                                   | Nil                                                               | Nil                                              | Nil         | 10,646          | Nil                                          | Nil                                          |
| 25                                                                   | Brake-vans                                 | 397                                                 | Nil                     | Nil                                        | Nil             | 4.128                                    | Nil                                                               | Nil                                              | Nil         | 1,638           | Nil                                          | Nil                                          |
| 26                                                                   | For stores carried free on ordinary trains | 6,777                                               | 3,102                   | Nil                                        | 0.500           | —                                        | —                                                                 | —                                                | —           | —               | —                                            | Nil                                          |
| 27                                                                   | Total Miscellaneous, ton mileage           | Nil                                                 | Nil                     | Nil                                        | Nil             | Nil                                      | Nil                                                               | Nil                                              | 14,693      | 25,699          | Nil                                          | 40,393                                       |
| 28                                                                   | Total ton mileage                          | Nil                                                 | Nil                     | Nil                                        | Nil             | Nil                                      | Nil                                                               | Nil                                              | 9,386,743   | 32,576,556      | Nil                                          | 41,963,299                                   |

\* Assumed weight

TABLE M.—II.

Division between *Coaching* and Goods of the Expenditure of Dept.

Maintenance expenses (Statement No. VIII. of the Revenue Account) ... 129 ...  
 Reduced by amount credited for sale of Revenue stores (Abstract K of Revenue Account) ... 129 ...  
*Rent of - Rents of Dwelling-houses 1658* ...

Net Amount

Locomotive expenses (Statement No. VIII. of the Revenue Account)

Abstract K of Revenue Account { Reduced by credit for hire of Locomotives ... 21,549 ...  
 " " for haulage of foreign trains ... 200 ...  
 " " for sale of Locomotive stores ... 200 ...  
 " " for profits of Workshops ...

Net Amount

*Carriage and Wagon Expenses (Statement VIII of the Revenue Account)* ...  
*Reduced by mileage of vehicles over foreign lines 6781* ...

*Traffic Expenses - ditto ditto* ...  
*Reduced by mileage of vehicles over foreign lines 6781* ...

*General Charges.* ...  
*Reduced by Telegraph Receipts 6840* ...  
*Do - Fees on Plate Transfers 287* ...

*Special & Miscellaneous Expenses* ...  
*Reduced by G. of unclaimed & damaged goods 79* ...

## Division of Expenses.

|                 | Maintenance. | Locomotive. | Carriage and Wagon. | Traffic. | General Charges. | Special and Miscellaneous. | Total.  |
|-----------------|--------------|-------------|---------------------|----------|------------------|----------------------------|---------|
|                 | (a)          | (b)         | (c)                 | (d)      | (e)              | (f)                        |         |
| Due to coaching | 16,523       | 137,337     | 80,158              | 33,690   | 18,395           | 7,217                      | 293,320 |
| to goods        | 15,559       | 121,544     | 75,871              | 30,541   | 16,280           | 6,388                      | 266,183 |
|                 | 5            | 5           | 5                   | 5        | 5                | 5                          | 5       |

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TABLE M.—III.

Distribu

ed cost of carrying the vehicles of each class, including freight.

| DETAILS.                      | COACHING.    |               |              |               |                  |              |               |                       |           |           | GOODS.          |              |                 |           |
|-------------------------------|--------------|---------------|--------------|---------------|------------------|--------------|---------------|-----------------------|-----------|-----------|-----------------|--------------|-----------------|-----------|
|                               | First class. | Second class. | Third class. | Fourth class. | Carriage trucks. | Horse boxes. | Luggage vans. | Post Office vehicles. | Total.    |           | Goods vehicles. | Cattle vans. | Mineral trucks. | Total.    |
| Maintenance ...               | Rs. 971      | Rs. 1190      | Rs. 12689    | Rs. --        | Rs. 31           | Rs. 235      | Rs. 786       | Rs. 621               | Rs. 16523 | Rs. 15488 | Rs. 71          | Rs. --       | Rs. --          | Rs. 15559 |
| Locomotive ...                | (b) 8971     | 9888          | 10067        | --            | 262              | 1452         | 6537          | 5150                  | 137337    | 20987     | 557             | --           | --              | 121544    |
| Carriage and Wagon ...        | (c) 5177     | 5738          | 69900        | --            | 184              | 1176         | 3837          | 3246                  | 50158     | 75345     | 526             | --           | --              | 75871     |
| Traffic ...                   | (d) 2175     | 2412          | 25554        | --            | 77               | 494          | 1613          | 1364                  | 33690     | 30329     | 212             | --           | --              | 30841     |
| General ...                   | (e) 1188     | 1317          | 13953        | --            | 42               | 270          | 880           | 745                   | 18395     | 18167     | 113             | --           | --              | 16230     |
| Special and Miscellaneous ... | (f) 466      | 517           | 5474         | --            | 17               | 106          | 345           | 292                   | 7217      | 6344      | 44              | --           | --              | 6332      |

TABLE M.—IV.

Classified cost of work

king over one mile a vehicle, including its freight; also total cost of carrying over one mile a unit of each description of traffic.

| DETAILS.                      | COACHING.    |               |              |               |                  |              |               |                       | GOODS.          |              |                 |
|-------------------------------|--------------|---------------|--------------|---------------|------------------|--------------|---------------|-----------------------|-----------------|--------------|-----------------|
|                               | First class. | Second class. | Third class. | Fourth class. | Carriage trucks. | Horse boxes. | Luggage vans. | Post Office vehicles. | Goods vehicles. | Cattle vans. | Mineral trucks. |
| Maintenance ...               | Pies. 1035   | Pies. 1193    | Pies. 1207   | Pies. --      | Pies. 0.974      | Pies. 1.155  | Pies. 1.134   | Pies. 1.106           | Pies. 1.241     | Pies. 0.814  | Pies. --        |
| Locomotive ...                | 75013        | 9251          | 10000        | --            | 3.229            | 4.597        | 1.243         | 1.175                 | 1.112           | 5.387        | --              |
| Carriage and Wagon ...        | 5781         | 5780          | 5730         | --            | 5779             | 5781         | 5781          | 5781                  | 5005            | 6.032        | --              |
| Traffic ...                   | 2.430        | 2.430         | 2.430        | --            | 2.418            | 2.429        | 2.430         | 2.429                 | 2.430           | 2.431        | --              |
| General ...                   | 1.327        | 1.327         | 1.327        | --            | 1.319            | 1.327        | 1.326         | 1.327                 | 1.295           | 1.246        | --              |
| Special and Miscellaneous ... | 0.520        | 0.521         | 0.523        | --            | 0.534            | 0.521        | 0.520         | 0.520                 | 0.508           | 0.505        | --              |
| Total                         | 20.156       | 21.217        | 21.292       | --            | 19.253           | 20.810       | 21.089        | 20.353                | 21.202          | 17.457       | --              |
| Cost per unit                 | 15.833       | 3.479         | 0.897        | --            | 10.133           | 24.225       | 50.093        | 45.229                | 8.481           | 33.71        | --              |

Statement showing in

TABLE M.—V.

Comparison the receipts and the carrying cost per vehicle per mile and per unit per mile of Coaching and Merchandize Traffic.

|                                                                | Carrying | Profit per unit per | Loss per unit per | Average receipt per | Carrying cost per unit per | Loss per unit per | Proportion per cent. of profit to |
|----------------------------------------------------------------|----------|---------------------|-------------------|---------------------|----------------------------|-------------------|-----------------------------------|
| 2nd ...                                                        | 21.292   | 28.282              | 3.015             | 2.985               | 3.479                      | 1.791             | 57.040                            |
| 3rd ...                                                        | 19.253   | 24.436              | --                | 2.088               | 0.897                      | 6.294             | 55.924                            |
| 4th ...                                                        | 17.455   | 22.990              | 7.148             | 22.990              | 10.133                     | 12.857            | 25.921                            |
| Carriages ...                                                  | 20.810   | 15.900              | --                | 48.546              | 50.093                     | 18.453            | 17.250                            |
| Horses ...                                                     | 21.089   | 7.753               | --                | --                  | --                         | --                | --                                |
| Luggage, including parcels and dogs ...                        | --       | --                  | --                | --                  | --                         | --                | --                                |
| Post Office vehicles                                           | --       | --                  | --                | --                  | --                         | --                | --                                |
| Goods—                                                         | --       | --                  | --                | --                  | --                         | --                | --                                |
| Merchandize, including Government stores and Railway materials | --       | --                  | --                | --                  | --                         | --                | --                                |
| Cattle                                                         | 21.202   | 4.427               | --                | 10.249              | 8.481                      | 1.768             | --                                |
| Minerals                                                       | 17.455   | 5.745               | --                | 22.604              | 33.716                     | --                | --                                |

MADRAS,

12<sup>th</sup> February 1877.

*Q. Laribert, Major, R.E.*  
*Examiner Railway Accounts,*  
*Madras*

## REVIEW

OF THE

## REVENUE ACCOUNT

OF THE

SOUTH INDIAN RAILWAY,

FOR THE

HALF YEAR ENDED 30<sup>th</sup> JUNE 1876.

MADRAS:

PRINTED BY E. KEYS, AT THE GOVERNMENT PRESS.

1877.

# REVIEW OF THE REVENUE ACCOUNT OF THE SOUTH INDIAN RAILWAY FOR THE HALF-YEAR ENDED 30TH JUNE 1876.

TABLE A.

General Statement of working of Half-year ending 30th June 1876.

## .I.—Description of Railway worked.

| 1                 | 2                  | 3                                         | 4       | 5      | 6        | 7                    | 8                                                    | 9                                  | 10                                        | 11                                 | 12                                 | 13                          | 14                | 15           | 16                |
|-------------------|--------------------|-------------------------------------------|---------|--------|----------|----------------------|------------------------------------------------------|------------------------------------|-------------------------------------------|------------------------------------|------------------------------------|-----------------------------|-------------------|--------------|-------------------|
| Gauge of Railway. | Length sanctioned. | OPEN MILEAGE AT THE END OF THE HALF-YEAR. |         |        |          | Mean Mileage worked. | Number of Stations open at the end of the half-year. | Average distance between Stations. | TOTAL LENGTH OF THE FOLLOWING GRADIENTS:— |                                    |                                    | STEEPEST GRADIENT WORKED BY |                   |              |                   |
|                   |                    | Single.                                   | Double. | Total. | Sidings. |                      |                                                      |                                    | $\frac{1}{100}$ and less.                 | $\frac{1}{101}$ to $\frac{1}{200}$ | $\frac{1}{201}$ to $\frac{1}{300}$ | Fixed power..               |                   | Locomotives. |                   |
|                   |                    |                                           |         |        |          |                      |                                                      |                                    |                                           |                                    |                                    | Length.                     | Inclina-<br>tion. | Length.      | Inclina-<br>tion. |
| FT. IN.           | MILES.             | M. CHS.                                   | MILES.  | MILES. | MS.      | MILES.               | NO.                                                  | M. CHS.                            | M. CHS.                                   | M. CHS.                            | M. CHS.                            | MS.                         |                   | M. CHS.      |                   |
| 3 3½°             | 617                | 397 57                                    | ..      | 397-57 | 28       | 397-57               | 46                                                   | 9 3                                | 9 55                                      | 55 32                              | 53 44                              | ..                          | ..                | 9 55         | 1 in 100          |

## II.—Financial Results.

| 17                                     | 18                                         | 19                                           | 20                                                                  | 21                  | 22        | 23        | 24       | 25                                        | 26                                                                                     |
|----------------------------------------|--------------------------------------------|----------------------------------------------|---------------------------------------------------------------------|---------------------|-----------|-----------|----------|-------------------------------------------|----------------------------------------------------------------------------------------|
| Total Capital authorized to be raised. | Total Capital paid up to end of half-year. | Total Capital withdrawn to end of half-year. | Total Capital expended on open mileage, inclusive of Rolling Stock. | Cost per mile open. | Earnings. | Expenses. | Profits. | Percentage of profits on paid up Capital. | Percentage of profits on Capital expended on open mileage, inclusive of Rolling Stock. |
| £                                      | £                                          | £                                            | £                                                                   | £                   | RS.       | RS.       | RS.      |                                           |                                                                                        |
| 2,702,155                              | 2,659,505                                  | 2,507,480                                    | 2,440,359                                                           | 6,138               | 8,40,034  | 5,97,026  | 2,43,008 | 0-898                                     | 1-347                                                                                  |

## III.—Summary of General Results.

| 27                                       | 28        | 29                        | 30                           | 31       | 32                    | 33                           | 34                                                 | 35                    | 36                           | 37                                       |
|------------------------------------------|-----------|---------------------------|------------------------------|----------|-----------------------|------------------------------|----------------------------------------------------|-----------------------|------------------------------|------------------------------------------|
|                                          | COACHING. |                           |                              | Goods.   |                       |                              | TOTAL INCLUDING SUNDRIES, BUT EXCLUDING STEAMBOAT. |                       |                              | Total, including Sundries and Steamboat. |
|                                          | Total.    | Per Passenger train mile. | Per mean mile open per Week. | Total.   | Per goods train mile. | Per mean mile open per Week. | Total.                                             | Per total train mile. | Per mean mile open per Week. |                                          |
|                                          | RS.       | RS.                       | RS.                          | RS.      | RS.                   | RS.                          | RS.                                                | RS.                   | RS.                          | RS.                                      |
| Earnings .. ..                           | 6,75,963  | 4-052                     | 55-720                       | 3,20,958 | 2-551                 | 31-050                       | 9,40,034                                           | 3-508                 | 90-940                       | 9,40,034                                 |
| Expenses .. ..                           | 2,93,320  | 2-063                     | 28-376                       | 2,66,183 | 2-116                 | 25-751                       | 5,97,026                                           | 2-228                 | 57-757                       | 5,97,026                                 |
| Profits .. ..                            | 2,82,643  | 1-989                     | 27-344                       | 54,775   | 0-435                 | 5-299                        | 3,43,008                                           | 1-280                 | 33-183                       | 3,43,008                                 |
| Percentage of ex-<br>penses to earnings. | 50-927    | ..                        | ..                           | 82-934   | ..                    | ..                           | 63-511                                             | ..                    | ..                           | 63-511                                   |

\* The section from Erode to Trichinopoly during this half-year was still the broad gauge, and from Arconum to Conjeveram on 3 feet 6 inches gauge, the rest of the line on metre gauge 3 feet 3½ inches.

## IV.—Traffic Earnings.

| 38                                     | 39                                   | 40                                           | 41        | 42                                                   | 43                                                                       |
|----------------------------------------|--------------------------------------|----------------------------------------------|-----------|------------------------------------------------------|--------------------------------------------------------------------------|
| Description.                           | PASSENGERS OR TONS OF GOODS CARRIED. |                                              | EARNINGS. |                                                      | Percentage of Total Earnings contributed by each description of Traffic. |
|                                        | Number.                              | Per cent. of Total Number and Total Tonnage. | Amount.   | Per cent. of Total Earnings from Coaching and Goods. |                                                                          |
| Coaching                               |                                      |                                              |           |                                                      |                                                                          |
| Passengers                             | 1st-Class ..                         | 3,564                                        | 8,986     | 1,560                                                |                                                                          |
|                                        | 2nd " ..                             | 30,758                                       | 18,069    | 3,137                                                |                                                                          |
|                                        | 3rd " ..                             | 1,311,305                                    | 5,21,386  | 90,524                                               |                                                                          |
|                                        | 4th " ..                             |                                              |           |                                                      |                                                                          |
| Miscellaneous                          |                                      |                                              | 27,522    | 4,779                                                | 61.279                                                                   |
| Total                                  | 1,345,627                            | 100                                          | 5,75,963  | 100                                                  |                                                                          |
| Less outstandings irrecoverable        |                                      |                                              |           |                                                      |                                                                          |
| Net Total                              |                                      |                                              | 5,75,963  |                                                      |                                                                          |
| Goods                                  |                                      |                                              |           |                                                      |                                                                          |
| General Merchandise                    | Special 1st-Class ..                 | 24,254                                       | 29,616    | 28,175                                               |                                                                          |
|                                        | 2nd " ..                             | 46,614                                       | 56,919    | 64,079                                               |                                                                          |
|                                        | 3rd " ..                             |                                              |           |                                                      |                                                                          |
|                                        | 4th " ..                             | 614                                          | 0,750     | 2,124                                                |                                                                          |
|                                        | 5th " ..                             | 64                                           | 0,078     | 0,512                                                |                                                                          |
| Military Stores                        |                                      | 256                                          | 4,002     | 1,247                                                |                                                                          |
| Railway Materials                      |                                      | 10,093                                       | 11,352    | 3,537                                                | 34.144                                                                   |
| Minerals                               |                                      |                                              | 1,048     | 0,326                                                |                                                                          |
| Miscellaneous                          |                                      |                                              |           |                                                      |                                                                          |
| Total                                  | 81,895                               | 100                                          | 3,20,958  | 100                                                  |                                                                          |
| Less outstandings irrecoverable        |                                      |                                              |           |                                                      |                                                                          |
| Net Total                              |                                      |                                              | 3,20,958  |                                                      |                                                                          |
| Sundries, including Electric Telegraph |                                      |                                              | 43,113    |                                                      | 4.586                                                                    |
| Steamboat Traffic                      |                                      |                                              | 9,40,034  |                                                      | 100                                                                      |
| Total, Railway Earnings                |                                      |                                              | 9,40,034  |                                                      |                                                                          |
| Total, including Steamboat             |                                      |                                              | 9,40,034  |                                                      |                                                                          |

## V.—Working Expenses.

| 44                                              | 45                | 46           | 47                        | 48         | 49         | 50                                 | 51                                   | 52                     | 53                                  |
|-------------------------------------------------|-------------------|--------------|---------------------------|------------|------------|------------------------------------|--------------------------------------|------------------------|-------------------------------------|
|                                                 | Mainten-<br>ance. | Locomotive   | Carriage<br>and<br>Wagon. | Traffic.   | General.   | Special and<br>Miscel-<br>laneous. | Total Rail-<br>way expen-<br>diture. | Steamboat<br>expenses. | Total, in-<br>cluding<br>Steamboat. |
| Amount ..                                       | Rs. 33,869        | Rs. 2,80,630 | Rs. 1,56,029              | Rs. 71,012 | Rs. 41,802 | Rs. 13,684                         | Rs. 5,97,026                         | Rs. ..                 | Rs. 5,97,026                        |
| Percentage of Expenses of each<br>Department .. | 5.673             | 47.005       | 26.134                    | 11.894     | 7.002      | 2.292                              | 100.000                              | ..                     | ..                                  |

## VI.—Haulage and Working.

| 54             | 55                  | 56      | 57                                         | 58        | 59        | 60                  | 61                                           | 62                  | 63         | 64         | 65                                                         | 66                                           |
|----------------|---------------------|---------|--------------------------------------------|-----------|-----------|---------------------|----------------------------------------------|---------------------|------------|------------|------------------------------------------------------------|----------------------------------------------|
| TRAIN MILEAGE. |                     |         | VEHICLE MILEAGE (EXCLUSIVE OF BRAKE-VANS). |           |           |                     | GROSS TON MILEAGE (FREIGHT AND DEAD WEIGHT). |                     |            |            |                                                            |                                              |
| Traffic.       | Miscel-<br>laneous. | Total.  | Run for public traffic.                    |           |           | Miscel-<br>laneous. | Total, in-<br>cluding<br>Miscella-<br>neous. | For public traffic. |            |            | Miscel-<br>laneous<br>(for Re-<br>venue<br>purpo-<br>ses). | Total, in-<br>cluding<br>Miscella-<br>neous. |
|                |                     |         | Coaching.                                  | Goods.    | Total.    |                     |                                              | Coaching.           | Goods.     | Total.     |                                                            |                                              |
| 267,969        | 3,321               | 271,290 | 2,662,266                                  | 2,413,392 | 5,075,658 | 35,121              | 5,110,779                                    | 21,403,787          | 20,155,579 | 41,559,366 | 403,933                                                    | 41,963,299                                   |

## VII.—Average Composition and Weight of Trains.

| VII.—Average                     |                    |            |            |            |                  |              |               |                       |             |                 |              |                 |             |                       |                                                         |         |
|----------------------------------|--------------------|------------|------------|------------|------------------|--------------|---------------|-----------------------|-------------|-----------------|--------------|-----------------|-------------|-----------------------|---------------------------------------------------------|---------|
| 67                               | 68                 | 69         | 70         | 71         | 72               | 73           | 74            | 75                    | 76          | 77              | 78           | 79              | 80          | 81                    | 82                                                      | 83      |
| Nature of Trains.                | COMPOSITION.       |            |            |            |                  |              |               |                       |             |                 |              |                 |             | WEIGHT.               |                                                         |         |
|                                  | Coaching Vehicles. |            |            |            |                  |              |               |                       |             | Goods Vehicles. |              |                 |             | Freight or Live Load. | Dead load, exclusive of Engines and Tenders and Brakes. | Total.  |
|                                  | 1st-Class.         | 2nd-Class. | 3rd-Class. | 4th-Class. | Carriage trucks. | Horse Boxes. | Luggage Vans. | Post Office Vehicles. | Brake-vans. | Goods Vehicles. | Cattle Vans. | Mineral Trucks. | Brake-vans. |                       |                                                         |         |
|                                  | No.                | No.        | No.        | No.        | No.              | No.          | No.           | No.                   | No.         | No.             | No.          | No.             | No.         | TONS.                 | TONS.                                                   | TONS.   |
| Passenger ..                     | ..                 | ..         | ..         | ..         | ..               | ..           | ..            | ..                    | ..          | ..              | ..           | ..              | ..          | ..                    | ..                                                      | ..      |
| Goods ..                         | ..                 | ..         | ..         | ..         | ..               | ..           | ..            | ..                    | ..          | ..              | ..           | ..              | ..          | ..                    | ..                                                      | ..      |
| Mixed ..                         | 0.642              | 0.711      | 7.536      | ..         | 0.023            | 0.146        | 0.476         | 0.402                 | 0.274       | 8.944           | 0.062        | ..              | 0.029       | 34.477                | 85.281                                                  | 119.758 |
| Train (including brakes) 19.245. |                    |            |            |            |                  |              |               |                       |             |                 |              |                 |             |                       |                                                         |         |

\* Total number of Vehicles in Train (including brakes) 19,245.

## VIII.—Average Loads of Vehicles.

| 84                   | 85                               | 86                                      | 87                  | 88          | 89     | 90                                                       |
|----------------------|----------------------------------|-----------------------------------------|---------------------|-------------|--------|----------------------------------------------------------|
| Details.             | Average<br>carrying<br>capacity. | Average<br>Contents of<br>each Vehicle. | AVERAGE WEIGHT.     |             |        | Proportion<br>per cent. of<br>Freight to<br>Dead Weight. |
|                      |                                  |                                         | Of each<br>Vehicle. | Of Freight. | Total. |                                                          |
|                      | No.                              | No.                                     | TONS.               | TONS.       | TONS.  |                                                          |
| COACHING—            |                                  |                                         |                     |             |        |                                                          |
| 1st-Class            | 16,853                           | 1,273                                   | 5,431               | 0,111       | 5,542  | 2,044                                                    |
| 2nd " ..             | 34,986                           | 6,098                                   | 5,591               | 0,534       | 5,125  | 9,551                                                    |
| 3rd " ..             | 40,773                           | 23,744                                  | 4,682               | 1,484       | 6,166  | 31,696                                                   |
| 4th " ..             | 1,500                            | 1,900                                   | 4,414               | 0,641       | 5,055  | 14,522                                                   |
| Carriage trucks      |                                  |                                         |                     |             |        |                                                          |
|                      | 2,429                            | 0,859                                   | 5,526               | 0,376       | 5,902  | 6,804                                                    |
| Horse box            | 5,087                            | 0,421                                   | 5,635               | 0,421       | 6,056  | 7,471                                                    |
| Luggage vans         |                                  | 0,450                                   | 5,200               | 0,450       | 5,650  | 8,654                                                    |
| Post Office vehicles |                                  |                                         |                     |             |        |                                                          |
| Goods—               |                                  |                                         |                     |             |        |                                                          |
| Goods vehicles       | 6,259                            | 2,500                                   | 4,094               | 2,500       | 6,594  | 61,065                                                   |
| Cattle vans          | 5,791                            | 0,518                                   | 3,825               | 0,518       | 4,343  | 13,542                                                   |
| Mineral trucks       |                                  |                                         |                     |             |        |                                                          |

\* Assumed.

TABLE B.

Statement showing in comparison the Coaching Traffic of the half-years ending 30th June 1875 and 30th June 1876.

| Details.                                    | NUMBER.         |                 | AVERAGE FARE PER UNIT PER MILE. |                 | RECEIPTS.       |                 | AVERAGE MILEAGE. |                 | TOTAL UNIT MILEAGE. |                 |
|---------------------------------------------|-----------------|-----------------|---------------------------------|-----------------|-----------------|-----------------|------------------|-----------------|---------------------|-----------------|
|                                             | 1st-half, 1875. | 1st-half, 1876. | 1st-half, 1875.                 | 1st-half, 1876. | 1st-half, 1875. | 1st-half, 1876. | 1st-half, 1875.  | 1st-half, 1876. | 1st-half, 1875.     | 1st-half, 1876. |
| 1st-CLASS PASSENGERS—                       |                 |                 | PIRS.                           | PIRS.           | RS.             | RS.             |                  |                 |                     |                 |
| Single journey ..                           | 1,125           | 3,562           | 11-987                          | 8-080           | 3,659           | 8,572           | 52-117           | 57-156          | 55,696              | 203,698         |
| Excess fares ..                             | 284             | ..              | 6-263                           | ..              | 91              | 407             | ..               | ..              | 1,974               | 14,918          |
| Return journey ..                           | 3               | 2               | 11-907                          | 7-814           | 207             | ..              | 22-345           | ..              | 6,346               | ..              |
| Troops and Police ..                        | ..              | ..              | ..                              | ..              | 16              | ..              | 86-000           | 56-000          | 258                 | 172             |
| Total ..                                    | 1,412           | 3,564           | 11-354                          | 7-886           | 3,973           | 8,986           | 47-597           | 61-358          | 67,184              | 218,788         |
| Season ticket passengers ..                 | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| 2nd-CLASS—                                  |                 |                 |                                 |                 |                 |                 |                  |                 |                     |                 |
| Single journey ..                           | 6,773           | 30,248          | 5-081                           | 3-145           | 6,013           | 17,199          | 33-550           | 34-714          | 227,232             | 1,050,021       |
| Excess fares ..                             | 808             | ..              | 3-627                           | ..              | 349             | 553             | ..               | ..              | 20,658              | 85,630          |
| Return journey ..                           | 135             | 270             | 5-091                           | 3-074           | 455             | ..              | 29-576           | ..              | 25,672              | ..              |
| Troops and Police ..                        | ..              | ..              | ..                              | ..              | 238             | 267             | 66-736           | 61-767          | 8,976               | 16,677          |
| Total ..                                    | 7,776           | 30,518          | 4-815                           | 3-002           | 7,085           | 18,019          | 36-337           | 37-759          | 282,539             | 1,152,328       |
| Season ticket passengers ..                 | 120             | 240             | 0-975                           | 0-976           | 25              | 50              | 41-000           | 41-000          | 4,920               | 9,840           |
| 3rd-CLASS—                                  |                 |                 |                                 |                 |                 |                 |                  |                 |                     |                 |
| Single journey ..                           | 717,909         | 1,299,313       | 2-058                           | 2-087           | 2,21,782        | 5,14,199        | 28-819           | 36-412          | 20,689,652          | 47,310,380      |
| Excess fares ..                             | 18,506          | 6,816           | 2-508                           | 2-038           | 513             | 1,627           | ..               | ..              | 47,346              | 161,115         |
| Return journey ..                           | 3,415           | 5,176           | 1-882                           | 2-056           | 5,217           | 2,101           | 21-860           | 22-437          | 300,462             | 152,928         |
| Troops and Police ..                        | ..              | ..              | ..                              | ..              | 2,188           | 3,459           | 65-852           | 62-399          | 223,144             | 322,979         |
| Total ..                                    | 739,830         | 1,311,305       | 2-065                           | 2-088           | 2,29,700        | 5,21,386        | 28-872           | 36-565          | 21,360,204          | 47,947,405      |
| Season ticket passengers ..                 | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| 4th-CLASS—                                  |                 |                 |                                 |                 |                 |                 |                  |                 |                     |                 |
| Single journey ..                           | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Excess fares ..                             | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Return journey ..                           | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Troops and Police ..                        | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Total ..                                    | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Season ticket passengers ..                 | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| TOTAL—                                      |                 |                 |                                 |                 |                 |                 |                  |                 |                     |                 |
| Single journey ..                           | 725,807         | 1,333,123       | ..                              | ..              | 2,31,454        | 5,39,970        | 28-900           | 36-429          | 20,975,490          | 48,564,099      |
| Excess fares ..                             | 19,658          | 6,816           | ..                              | ..              | 953             | 2,587           | ..               | ..              | 70,578              | 261,666         |
| Return journey ..                           | 3,553           | 5,448           | ..                              | ..              | 5,908           | 2,101           | 21-949           | 22-437          | 431,480             | 152,928         |
| Troops and Police ..                        | ..              | ..              | ..                              | ..              | 3,015           | 3,733           | 65-422           | 62-377          | 232,378             | 339,828         |
| Total ..                                    | 749,018         | 1,345,387       | ..                              | ..              | 2,41,330        | 5,48,391        | 28-984           | 36-688          | 21,709,928          | 49,318,521      |
| Season ticket passengers ..                 | 120             | 240             | ..                              | ..              | 25              | 50              | 41-000           | 41-000          | 4,920               | 9,840           |
| PASSENGERS' LUGGAGE ..                      | Ton miles.      | Ton miles.      |                                 |                 |                 |                 |                  |                 |                     |                 |
| MILITARY BAGGAGE ..                         | 7,466           | 15,884          | 58-891                          | 53-234          | 2,290           | 4,409           | ..               | ..              | ..                  | ..              |
| PUBLIC ..                                   | 339             | 551             | 26-764                          | 26-134          | 46              | 75              | ..               | ..              | ..                  | ..              |
| MILITARY ..                                 | 98              | 121             | 26-527                          | 22-990          | 971             | 1,391           | ..               | ..              | 7,028               | 11,617          |
| Carriages ..                                | 280             | 338             | 12-145                          | 15-890          | 1,464           | 2,770           | ..               | ..              | 23,143              | 33,479          |
| Horses ..                                   | 425             | 876             | 2-361                           | 2-246           | 302             | 728             | ..               | ..              | 24,557              | 62,221          |
| Parcels ..                                  | 3               | 1               | ..                              | 19-862          | ..              | 9               | ..               | ..              | 258                 | 87              |
| SPECIAL TRAINS ..                           | 18,073          | 36,553          | 0-744                           | 0-367           | 1               | 2               | ..               | ..              | ..                  | 1,047           |
| MISCELLANEOUS ..                            | 363             | 849             | 75-704                          | 73-169          | 7,126           | 13,930          | ..               | ..              | ..                  | ..              |
| Post Office—                                |                 |                 |                                 |                 |                 |                 |                  |                 |                     |                 |
| Haulage and hire of Post Office Vehicles .. | No.             | No.             | ..                              | ..              | 1,900           | 4,060           | ..               | ..              | ..                  | 91              |
| Special Trains ..                           | Train miles.    | Train miles.    | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Parcels ..                                  | Ton miles.      | Ton miles.      | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Total ..                                    | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Less outstandings irrecoverable ..          | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |
| Net Total ..                                | ..              | ..              | ..                              | ..              | ..              | ..              | ..               | ..              | ..                  | ..              |

\* The assumed weight for Post Office Vehicles has been increased from 0-150 to 0-450 of a ton for this half-year.

TABLE C.

Statement showing in comparison the Goods Traffic of the half-years ending 30th June 1875 and 30th June 1876.

| Details.                             | TON MILES.      |            |                 |            | AVERAGE RATE PER TON PER MILE. |                 | RECEIPTS.       |                 | AVERAGE MILEAGE. |                 |
|--------------------------------------|-----------------|------------|-----------------|------------|--------------------------------|-----------------|-----------------|-----------------|------------------|-----------------|
|                                      | 1st-half, 1875. |            | 1st-half, 1876. |            | 1st-half, 1875.                | 1st-half, 1876. | 1st-half, 1875. | 1st-half, 1876. | 1st-half, 1875.  | 1st-half, 1876. |
|                                      | Up.             | Down.      | Up.             | Down.      |                                |                 |                 |                 |                  |                 |
| MERCHANDISE, GENERAL—                | TON MILES.      | TON MILES. | TON MILES.      | TON MILES. | PIRS.                          | PIRS.           | RS.             | RS.             |                  |                 |
| Special ..                           | 283,947         | 919,962    | 629,556         | 1,515,338  | 7-905                          | 8-095           | 49,569          | 90,432          | 68-466           | 88-435          |
| 1st-Class ..                         | 736,829         | 1,323,665  | 1,018,798       | 2,351,800  | 12-008                         | 11-715          | 1,28,865        | 2,05,666        | 57-522           | 72-309          |
| 2nd ..                               | 158             | 1,065      | ..              | ..         | 17-583                         | ..              | 112             | ..              | 19-109           | ..              |
| 3rd ..                               | 122             | 187        | ..              | ..         | 19-200                         | ..              | 31              | ..              | 19-312           | ..              |
| 4th ..                               | 5,416           | 65,578     | 23,410          | 35,002     | 23-964                         | 22-404          | 8,861           | 6,816           | 83-326           | 95-134          |
| 5th ..                               | 1,004           | 405        | 40              | 6,078      | 42-379                         | 51-531          | 311             | 1,642           | 23-881           | 95-594          |
| Total ..                             | 1,027,476       | 2,310,862  | 1,671,804       | 3,908,218  | 10-798                         | 10-479          | 1,87,749        | 3,04,556        | 61-371           | 77-992          |
| MILITARY STORES—                     | 2,245           | 535        | 1,835           | 26,204     | 24-034                         | 27-404          | 348             | 4,002           | 86-875           | 109-530         |
| RAILWAY MATERIALS FOR CONSTRUCTION.  | 450,525         | 48,940     | 294,217         | 90,561     | 8-182                          | 5-665           | 21,284          | 11,352          | 81-056           | 38-123          |
| MINERALS—                            |                 |            |                 |            |                                |                 |                 |                 |                  |                 |
| For the public ..                    | ..              | ..         | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| .. Company (Construction only) ..    | ..              | ..         | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| Total Goods ..                       | 1,480,246       | 2,360,337  | 1,967,856       | 4,024,983  | 10-467                         | 10-249          | 2,09,381        | 319,910         | 63-386           | 73-177          |
| STORES CARRIED FREE FOR REVENUE ..   | 78,770          | 26,569     | 116,547         | 30,390     | ..                             | ..              | ..              | ..              | 57-556           | 32-181          |
|                                      | No.             | No.        | No.             | No.        |                                |                 |                 |                 |                  |                 |
| LIVE STOCK—                          |                 |            |                 |            |                                |                 |                 |                 |                  |                 |
| Horses ..                            | ..              | ..         | 5               | ..         | PIRS.                          | PIRS.           | ..              | 16              | ..               | 109             |
| Cattle ..                            | 147             | ..         | 332             | ..         | 14-997                         | 20-234          | 278             | 769             | 3,559            | 7,261           |
| Sheep, &c. ..                        | 65              | ..         | 2,019           | ..         | 45-993                         | 35-803          | 126             | 204             | 526              | 1,094           |
| MILITARY LIVE STOCK—                 |                 |            |                 |            |                                |                 |                 |                 |                  |                 |
| Horses ..                            | 10              | ..         | 10              | ..         | 16-254                         | 29-198          | 32              | 33              | 378              | 217             |
| Cattle ..                            | ..              | ..         | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| Sheep, &c. ..                        | ..              | ..         | ..              | ..         | ..                             | ..              | 422             | 26              | ..               | ..              |
| RENTS AND DEMURAGE, WHARFAGE, &c. .. | ..              | ..         | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| INTEREST ON OUTSTANDING BILLS ..     | ..              | ..         | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| MISCELLANEOUS ..                     | ..              | ..         | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| Total ..                             | 2,10,239        | 3,20,958   | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| Less outstandings irrecoverable ..   | ..              | ..         | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |
| Net Total ..                         | 2,10,239        | 3,20,958   | ..              | ..         | ..                             | ..              | ..              | ..              | ..               | ..              |

TABLE C.—I.

Comparative Statement showing the Weight and Earnings of the principal commodities carried during the half-years ending 30th June 1875 and 30th June 1876.

| Description.              | QUANTITY.       |                 | RECEIPTS.       |                 | Increase in Quantity. | Decrease in Quantity. | Increase in Receipts. | Decrease in Receipts. |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                           | 1st-half, 1875. | 1st-half, 1876. | 1st-half, 1875. | 1st-half, 1876. |                       |                       |                       |                       |
|                           | TONS.           | TONS.           | RS.             | RS.             | TONS.                 | TONS.                 | RS.                   | RS.                   |
| Areca nuts ...            | 1,156           | 1,297           | 4,232           | 6,064           | 141                   | ...                   | 1,832                 | ...                   |
| Cloth ...                 | 971             | 2,138           | 4,808           | 14,209          | 1,167                 | ...                   | 9,401                 | ...                   |
| Cotton ...                | ...             | 423             | ...             | 2,099           | 423                   | ...                   | 2,099                 | ...                   |
| Curry stuff ...           | 2,476           | 4,248           | 12,594          | 26,057          | 1,772                 | ...                   | 13,503                | ...                   |
| Fruits and Vegetables ... | 1,524           | 1,450           | 6,140           | 5,648           | ...                   | 74                    | ...                   | 492                   |
| Grain of all kinds ...    | 19,101          | 26,259          | 42,224          | 79,231          | 7,158                 | ...                   | 37,007                | ...                   |
| Granite stones ...        | 6,542           | 5,377           | 7,823           | 6,802           | ...                   | 1,165                 | ...                   | 1,021                 |
| Hides ...                 | 508             | 760             | 2,474           | 4,343           | 252                   | ...                   | 1,869                 | ...                   |
| Oil and Ghee ...          | 1,043           | 1,577           | 6,106           | 10,561          | 534                   | ...                   | 4,455                 | ...                   |
| Oil-cakes ...             | 1,085           | 2,229           | 5,866           | 11,882          | 1,144                 | ...                   | 6,016                 | ...                   |
| Salt ...                  | 5,432           | 6,383           | 28,219          | 29,465          | 951                   | ...                   | 1,246                 | ...                   |
| Seeds of all kinds ...    | 2,871           | 5,700           | 13,361          | 30,300          | 2,829                 | ...                   | 16,939                | ...                   |
| Sundries ...              | 11,291          | 13,458          | 51,968          | 79,241          | 2,167                 | ...                   | 27,273                | ...                   |
| Tobacco ...               | 429             | 503             | 2,282           | 2,616           | 74                    | ...                   | 334                   | ...                   |
| Total ...                 | 54,429          | 71,802          | 1,88,097        | 3,08,558        | 17,373                | ...                   | 1,20,461              | ...                   |

TABLE D.  
Statement of Mileage maintained by Revenue.

| Details.                                         | 1st-HALF, 1875.  |               |         | 1st-HALF, 1876.  |               |         |                 |                 |
|--------------------------------------------------|------------------|---------------|---------|------------------|---------------|---------|-----------------|-----------------|
|                                                  | Depart-mentally. | By Con-tract. | Total.  | Depart-mentally. | By Con-tract. | Total.  | Total Increase. | Total Decrease. |
|                                                  | MILES.           | MILES.        | MILES.  | MILES.           | MILES.        | MILES.  | MILES.          | MILES.          |
| 1. Mean miles of line maintained by Revenue.     | 185-000          | ...           | 185-000 | 183-186          | ...           | 183-186 | ...             | 1-814           |
| 2. Single                                        | ...              | ...           | ...     | ...              | ...           | ...     | ...             | ...             |
| 3. Double                                        | ...              | ...           | ...     | 183-186          | ...           | 183-186 | ...             | 1-814           |
| Total                                            | 185-000          | ...           | 185-000 | 15-024           | ...           | 15-024  | ...             | 0-351           |
| 4. Mean miles of sidings maintained              | 15-375           | ...           | 15-375  | 198-210          | ...           | 198-210 | ...             | 2-165           |
| Total                                            | 200-375          | ...           | 200-375 | 198-210          | ...           | 198-210 | ...             | 2-165           |
| 5. Mean miles of single track, including sidings | 200-375          | ...           | 200-375 | 198-210          | ...           | 198-210 | ...             | 2-165           |

TABLE D—I.  
Statement of Train Mileage.

| Details.         | TRAIN MILES RUN.     |                        |                         |         | HOURS OF           |                         |                         |
|------------------|----------------------|------------------------|-------------------------|---------|--------------------|-------------------------|-------------------------|
|                  | Traffic De-partment. | Locomotive Department. | Maintenance Department. | Total.  | Assisting Engines. | Shunting, Piloting, &c. | Miscellaneous Services. |
|                  |                      |                        |                         |         | H. M.              | H. M.                   | H. M.                   |
| 1st-half, 1875   | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Passenger        | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Goods            | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Mixed            | 154,593              | 626                    | 3,542                   | 158,761 | 9 15               | 7,338 58                | 1,594 15                |
| Total            | 154,593              | 626                    | 3,542                   | 158,761 | 9 15               | 7,338 58                | 1,594 15                |
| 1st-half, 1876   | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Passenger        | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Goods            | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Mixed            | 267,969              | 1,205                  | 2,116                   | 271,290 | 28 26              | 12,688 2                | 2,415 33                |
| Total            | 267,969              | 1,205                  | 2,116                   | 271,290 | 28 26              | 12,688 2                | 2,415 33                |
| Increase in 1876 | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Passenger        | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Goods            | 113,376              | 579                    | ...                     | 113,955 | 19 11              | 5,349 4                 | 821 18                  |
| Mixed            | 113,376              | 579                    | ...                     | 113,955 | 19 11              | 5,349 4                 | 821 18                  |
| Total            | 113,376              | 579                    | ...                     | 113,955 | 19 11              | 5,349 4                 | 821 18                  |
| Decrease in 1876 | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Passenger        | ...                  | ...                    | ...                     | ...     | ...                | ...                     | ...                     |
| Goods            | ...                  | ...                    | 1,426                   | ...     | ...                | ...                     | ...                     |
| Mixed            | ...                  | ...                    | 1,426                   | ...     | ...                | ...                     | ...                     |
| Total            | ...                  | ...                    | 1,426                   | ...     | ...                | ...                     | ...                     |

\* Passenger train mileage  
Proportion of mixed train mileage due to Passengers

Goods train mileage  
Proportion of mixed train mileage due to Goods

142,158  
Total ... 142,158  
Nil  
125,811  
Total ... 125,811

TABLE.—E.  
Maintenance of Way, Works, and Stations.

|                                                                             | 1st-HALF,<br>1875. | 1st-HALF, 1876. |            |           |                                         |                                                          |                       |                               |
|-----------------------------------------------------------------------------|--------------------|-----------------|------------|-----------|-----------------------------------------|----------------------------------------------------------|-----------------------|-------------------------------|
|                                                                             | Total.             | Total.          | Increase.  | Decrease. |                                         |                                                          |                       |                               |
| Mileage of line maintained .. ..                                            | 185                | 183-185         | ..         | 1-814     |                                         |                                                          |                       |                               |
| Mileage of single track, including sidings ..                               | 200-375            | 198-210         | ..         | 2-165     |                                         |                                                          |                       |                               |
| Train mileage .. ..                                                         | 154,593            | 267,969         | 113,376    | ..        |                                         |                                                          |                       |                               |
| Ton mileage .. ..                                                           | 26,333,575         | 41,963,299      | 15,629,724 | ..        |                                         |                                                          |                       |                               |
| Details.                                                                    | 1st-HALF,<br>1875. | 1st-HALF, 1876. |            |           | Per<br>Mile of<br>Line main-<br>tained. | Per<br>Mile of<br>Track, in-<br>clud-<br>ing<br>sidings. | Per<br>Train<br>Mile. | Per<br>1,000<br>Ton<br>Miles. |
|                                                                             | Total.             | Total.          | Increase.  | Decrease. |                                         |                                                          |                       |                               |
| <b>GENERAL SUPERINTENDENCE—</b>                                             |                    |                 |            |           |                                         |                                                          |                       |                               |
| Engineers' salaries and allowances ..                                       | 5,464              | 5,519           | 55         | ..        | 30-128                                  | 27-844                                                   | 0-330                 | 0-131                         |
| Subordinate Superintendents' salaries and allowances, including overtime .. | 4,090              | 4,095           | 5          | ..        | 22-354                                  | 20-660                                                   | 0-245                 | 0-098                         |
| Office expenses .. ..                                                       | 2,269              | 2,392           | 123        | ..        | 13-058                                  | 12-068                                                   | 0-143                 | 0-057                         |
| <b>MAINTENANCE AND RENEWAL OF PERMANENT-WAY—</b>                            |                    |                 |            |           |                                         |                                                          |                       |                               |
| Wages .. ..                                                                 | 19,152             | 19,009          | ..         | 143       | 103-769                                 | 95-903                                                   | 1-135                 | 0-453                         |
| Materials .. ..                                                             | 2,816              | 3,695           | 879        | ..        | 20-171                                  | 18-642                                                   | 0-221                 | 0-068                         |
| <b>REPAIRS OF BRIDGES, &amp;c.—WAGES AND MATERIALS—</b>                     |                    |                 |            |           |                                         |                                                          |                       |                               |
| Bridges and Tunnels .. ..                                                   | 289                | 753             | 464        | ..        | 4-111                                   | 3-799                                                    | 0-045                 | 0-018                         |
| Miscellaneous .. ..                                                         | 1,251              | 471             | ..         | 780       | 2-571                                   | 2-376                                                    | 0-028                 | 0-011                         |
| <b>REPAIRS OF STATIONS AND BUILDINGS—WAGES AND MATERIALS—</b>               |                    |                 |            |           |                                         |                                                          |                       |                               |
| Repairs of all except Staff quarters ..                                     | 2,916              | 1,574           | ..         | 1,342     | 8-592                                   | 7-941                                                    | 0-094                 | 0-038                         |
| .. of Staff quarters .. ..                                                  | 273                | 125             | ..         | 148       | 0-682                                   | 0-631                                                    | 0-007                 | 0-003                         |
| <b>MAINTENANCE BY CONTRACT—</b>                                             |                    |                 |            |           |                                         |                                                          |                       |                               |
| Amount paid to Contractors .. ..                                            | ..                 | ..              | ..         | ..        | ..                                      | ..                                                       | ..                    | ..                            |
| Materials supplied by the Company .. ..                                     | ..                 | ..              | ..         | ..        | ..                                      | ..                                                       | ..                    | ..                            |
| New Minor Works .. ..                                                       | ..                 | 950             | 950        | ..        | 5-186                                   | 4-793                                                    | 0-057                 | 0-023                         |
| <b>UNCLASSIFIED EXPENDITURE—</b>                                            |                    |                 |            |           |                                         |                                                          |                       |                               |
| Plantations .. ..                                                           | ..                 | ..              | ..         | ..        | ..                                      | ..                                                       | ..                    | ..                            |
| Tools and Plant .. ..                                                       | 368                | 639             | 273        | ..        | 3-488                                   | 3-224                                                    | 0-028                 | 0-015                         |
| Loss on Stores, &c. .. ..                                                   | 168                | 978             | 810        | ..        | 5-339                                   | 4-934                                                    | 0-058                 | 0-023                         |
| Total .. ..                                                                 | 39,054             | 40,200          | 3,559      | 2,413     | 219-449                                 | 202-815                                                  | 2-401                 | 0-958                         |
| Less .. ..                                                                  | ..                 | 6,331           | ..         | 6,331     | 34-561                                  | 31-941                                                   | 0-378                 | 0-151                         |
| Net Total .. ..                                                             | 39,054             | 33,869          | ..         | 5,185     | 184-885                                 | 170-874                                                  | 2-023                 | 0-807                         |

TABLE E—I.  
Maintenance of Way.  
Rails.

|                                                                                                               | Details.                                 |                                                        | Total.  |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------|---------|
|                                                                                                               | Double headed weighing 68 lbs. per yard. | Flat footed weighing 40-3 weighing lbs. 33-5 per yard. |         |
| 1 Miles of rail in way, including sidings ..                                                                  | 359-222<br>YRS. MS.<br>11-50             | 40-925<br>YRS. MS.<br>11-25                            | 651-067 |
| 2 Average age of rails in way at the middle of the half-year ..                                               | 1,425<br>3                               | 38                                                     | 5-617   |
| 3 Rails inverted ... { Miles ..                                                                               | 2-850<br>0-006                           | 0-070                                                  | 1,466   |
| 4 Proportion inverted per mile of (1) rail ..                                                                 | 127<br>0-0079                            | 23<br>0-0017                                           | 2-926   |
| 5 Rails renewed .. { Miles ..                                                                                 | 0-254<br>0-0007                          | 0-041<br>0-001                                         | 0-0034  |
| 6 Proportion renewed per mile (1) rail ..                                                                     | 125,642                                  | 24,189                                                 | 209     |
| 7 Average number of tons hauled over each kind of rail in the half-year ..                                    | 3,498                                    | 634                                                    | 0-414   |
| 8 Thousands of tons hauled on an average over each kind of rail during the average age of rails in way (2) .. | ..                                       | ..                                                     | 0-0005  |

TABLE E—II.  
Maintenance of Way.  
Sleepers.

|   | NEGAPATAM TO ERODE.                                               |         |                                            |         | TECHINPOLY, TUGORIN, AND TINNEVELLY SECTION. |       | ARCONUM TO CONJEVERAM. |                    |                              |                                             |     |      |
|---|-------------------------------------------------------------------|---------|--------------------------------------------|---------|----------------------------------------------|-------|------------------------|--------------------|------------------------------|---------------------------------------------|-----|------|
|   | WOODEN.                                                           |         | Iron Pots weighing 188 lbs. with tie-bars. | No.     | No.                                          | No.   | WOODEN.                |                    |                              |                                             |     |      |
|   | Transverse creosoted pine 10'X10"X8"                              | No.     |                                            |         |                                              |       | No.                    | Teak. 6'X7"X3 1/4" | Longitudinal Teak 10'X7 1/4" |                                             |     |      |
|   |                                                                   |         |                                            |         |                                              |       |                        |                    |                              | Iron Pots weighing 130 lbs. with tie-bars.) |     |      |
| 1 | Number of sleepers in way, including sidings ...                  | 128,333 | 187,667.                                   | 452,949 | 798                                          | 6,310 | 27,478                 | 1,327              | 126                          |                                             | No. | No.  |
| 2 | Average age of sleepers in way at the middle of the half-year ... | 14.50   | 8.75                                       | 0.42    | 1.50                                         | 9.00  | 11.25                  | ...                | ...                          | 11.25                                       | ... | 5.83 |
| 3 | Number renewed ...                                                | 8.1     | 2.50                                       | 6       | 532                                          | ...   | ...                    | ...                | ...                          | ...                                         | ... | ...  |
| 4 | Do. per cent. of (1) ...                                          | 0.663   | 0.001                                      | 0.001   | 66.666                                       | ...   | ...                    | ...                | ...                          | ...                                         | ... | ...  |

TABLE F.  
Locomotive Department Expenses.

|                                                                            | 1st-HALF,<br>1875. | 1st-HALF, 1876. |                |            |                       |                         |
|----------------------------------------------------------------------------|--------------------|-----------------|----------------|------------|-----------------------|-------------------------|
|                                                                            | Total.             | Total.          | Increase.      | Decrease.  |                       |                         |
| Train mileage ... ..                                                       | 154,593            | 267,969         | 113,376        | ...        |                       |                         |
| Ton mileage ... ..                                                         | 26,333,575         | 41,963,299      | 15,629,724     | ...        |                       |                         |
| Details.                                                                   | 1st-HALF,<br>1875. | 1st-HALF, 1876. |                |            | Per<br>Train<br>Mile. | Per 1,000<br>Ton Miles. |
|                                                                            | Total.             | Total.          | Increase.      | Decrease.  |                       |                         |
|                                                                            | RS.                | RS.             | RS.            | RS.        | AS.                   | RS.                     |
| <b>GENERAL SUPERINTENDENCE—</b>                                            |                    |                 |                |            |                       |                         |
| Salaries of Superintendents and Assistants,<br>including allowances ... .. | 6,191              | 6,867           | 676            | ...        | 0.410                 | 0.164                   |
| Do. of Subordinate do. including do. ... ..                                | 5,595              | 7,751           | 2,156          | ...        | 0.463                 | 0.185                   |
| Office expenses ... ..                                                     | 4,168              | 5,687           | 1,519          | ...        | 0.340                 | 0.136                   |
| <b>RUNNING EXPENSES—</b>                                                   |                    |                 |                |            |                       |                         |
| Wages of Drivers and Firemen, including<br>overtime ... ..                 | 17,960             | 30,677          | 12,717         | ...        | 1.832                 | 0.731                   |
| Fuelling, cleaning, and looking after en-<br>gines ... ..                  | 1,335              | 3,192           | 1,857          | ...        | 0.191                 | 0.076                   |
| Contingent expenses ... ..                                                 | ...                | 1,183           | 1,183          | ...        | 0.071                 | 0.028                   |
| <b>FUEL—</b>                                                               |                    |                 |                |            |                       |                         |
| Coal ... ..                                                                | 41,812             | 80,162          | 38,350         | ...        | 4.786                 | 1.910                   |
| Coke ... ..                                                                | 148                | ...             | ...            | 148        | ...                   | ...                     |
| Patent fuel ... ..                                                         | 13,064             | 6,158           | ...            | 6,906      | 0.368                 | 0.147                   |
| Wood ... ..                                                                | 1,182              | 3,436           | 2,254          | ...        | 0.205                 | 0.082                   |
| <b>WATER, INCLUDING WAGES AND STORES</b>                                   |                    |                 |                |            |                       |                         |
| <b>OIL, TALLOW, AND OTHER STORES ...</b>                                   |                    |                 |                |            |                       |                         |
| 2,569                                                                      | 3,843              | 1,274           | ...            | 0.229      | 0.092                 |                         |
| <b>MAINTENANCE AND RENEWALS—</b>                                           |                    |                 |                |            |                       |                         |
| Wages, including overtime ... ..                                           | 6,623              | 9,480           | 2,857          | ...        | 0.566                 | 0.226                   |
| Materials ... ..                                                           | 3,728              | 65,311          | 61,583         | ...        | 3.899                 | 1.556                   |
| <b>PAYMENTS TO OTHER LINES ...</b>                                         |                    |                 |                |            |                       |                         |
| ...                                                                        | ...                | 56,883          | 56,883         | ...        | 3.396                 | 1.355                   |
| <b>UNCLASSIFIED EXPENDITURE ...</b>                                        |                    |                 |                |            |                       |                         |
| Total ...                                                                  | 1,04,375           | 2,80,630        | 183,309        | 7,054      | 16.756                | 6.688                   |
| Less ...                                                                   | ...                | ...             | ...            | ...        | ...                   | ...                     |
| <b>Net Total ...</b>                                                       | <b>1,04,375</b>    | <b>2,80,630</b> | <b>176,255</b> | <b>...</b> | <b>16.756</b>         | <b>6.688</b>            |

|                                                | FUEL CONSUMED. |         |                 |             |                                        |             |                                             |              |
|------------------------------------------------|----------------|---------|-----------------|-------------|----------------------------------------|-------------|---------------------------------------------|--------------|
|                                                | Coal.          | Coke.   | Patent<br>Fuel. | Wood.       | Average Consumption<br>per Train Mile. |             | Average Consumption<br>per 1,000 Ton Miles. |              |
|                                                |                |         |                 |             | Coal, Coke,<br>and Patent<br>Fuel.     | Wood.       | Coal, Coke,<br>and Patent<br>Fuel.          | Wood.        |
| Quantity consumed during the 1st-half of 1875. | TONS. 1,990    | TONS. 4 | TONS. ..        | TONS. 2,433 | LBS. 28,892                            | LBS. 35,254 | LBS. 169,618                                | LBS. 206,962 |
| Do. do. do. 1876.                              | 4,220          | ..      | ..              | 1,085       | 53,276                                 | 9,070       | 225,264                                     | 57,917       |
| Increase in 1876 .. ..                         | 2,230          | ..      | ..              | ..          | 6,384                                  | ..          | 55,646                                      | ..           |
| Decrease in .. ..                              | ...            | 4       | ..              | 1,348       | ..                                     | 26,184      | ..                                          | 149,045      |

TABLE F—I.  
Locomotive Power.

|                                                                                      | BROAD GAUGE.         |                  |                  |                | METRE GAUGE.                |       | NARROW 3' 6" GAUGE. |          |
|--------------------------------------------------------------------------------------|----------------------|------------------|------------------|----------------|-----------------------------|-------|---------------------|----------|
|                                                                                      | Passenger.           | Goods.           | Goods.           | Tank.          | Passengers<br>and<br>Goods. | Tank. | Tank.               | Total.   |
| Locomo-<br>tives.                                                                    | 4                    | 6                | 4                | 4              | 6                           | ...   | 4                   | ...      |
|                                                                                      | tons.<br>9.00        | tons.<br>10.15   | tons.<br>9.50    | tons.<br>8.00  | tons.<br>6.00               | ...   | tons.<br>3.15       | ...      |
|                                                                                      | 23.50                | 29.50            | 28.00            | 15.00          | 18.00                       | ...   | 14.15               | ...      |
| 1. Number of locomotives erect-<br>ed and made over to<br>Locomotive Department...   | 6                    | 2                | 2                | 2              | 62                          | 4     | 4                   | 82       |
| 2. Average number of locomo-<br>tives constantly under re-<br>pairs and renewals ... | 1.222                | 1.000            | 0.510            | 0.300          | 3.450                       | ...   | 0.350               | 6.832    |
| 3. Number of locomotives laid<br>by as spare or hired out to<br>other lines ...      | ...                  | ...              | ...              | ...            | 8                           | 4     | ...                 | 12       |
| 4. Average number of locomo-<br>tives at work [1—(2+3)].                             | 4.778                | 1.000            | 1.490            | 1.700          | 50.550                      | ...   | 3.650               | 63.163   |
| 5. Train miles hauled by each<br>class of locomotives at<br>work (4) ...             | 35,462               | 11,631           | 22,079           | ...            | 177,409                     | ...   | 7,181               | *253,762 |
| 6. Average train miles hauled<br>by each locomotive at<br>work (4) ...               | 7,422                | 11,631           | 14,818           | ...            | 3,510                       | ...   | 1,967               | 4017     |
| Per half-year ...                                                                    | 41                   | 64               | 81               | ...            | 19                          | ...   | 11                  | 22       |
| Per day ...                                                                          | ...                  | ...              | ...              | ...            | ...                         | ...   | ...                 | ...      |
| 7. Weight of coal, &c., used<br>per train mile ...                                   | 40.15                | 50.22            | 40.08            | ...            | 29.32                       | ...   | ...                 | ...      |
| 8. Weight of wood used per<br>train mile ...                                         | ...                  | ...              | ...              | ...            | ...                         | ...   | 67.35               | ...      |
| 9. Average gross weight of the<br>trains hauled by each class<br>of locomotives ...  | ...                  | ...              | ...              | ...            | ...                         | ...   | ...                 | 119,758  |
| NUMBER OF MILES PER HOUR.                                                            |                      |                  |                  |                |                             |       |                     |          |
|                                                                                      | Passenger<br>Trains. | Goods<br>Trains. | Mixed<br>Trains. | Mail<br>Train. | Mixed<br>Local<br>Trains.   |       |                     |          |
| 10. Average speed between<br>stations ... ..                                         | 24                   | ...              | 21               | 20             | 20                          |       |                     |          |
| 11. Average through speed ...                                                        | 19                   | ...              | 16               | 17             | 14                          |       |                     |          |

\* (17,528 miles) the mileage of 9 engines sold to the Punjab Northern State Railway has been deducted from the total; which therefore does not agree with the total train mileage shown in Form XIV of Revenue Account.

TABLE G.  
Carriage and Wagon Expenses.

|                                                          |  |  |  |  | 1st-HALF,<br>1875. | 1st-HALF, 1876. |           |           |                            |                                        |
|----------------------------------------------------------|--|--|--|--|--------------------|-----------------|-----------|-----------|----------------------------|----------------------------------------|
|                                                          |  |  |  |  | Total.             | Total.          | Increase. | Decrease. |                            |                                        |
| Train mileage ... ..                                     |  |  |  |  | 154,593            | 267,969         | 113,376   | ...       |                            |                                        |
| Vehicle mileage { Coaching ... ..                        |  |  |  |  | 1,093,223          | 2,662,266       | 1,569,043 | ...       |                            |                                        |
| { Goods ... ..                                           |  |  |  |  | 1,423,156          | 2,413,392       | 990,236   | ...       |                            |                                        |
| Total ...                                                |  |  |  |  | 2,516,379          | 5,075,658       | 2,559,279 | ...       |                            |                                        |
| Details.                                                 |  |  |  |  | 1st-HALF,<br>1875. | 1st-HALF, 1876. |           |           | Cost per<br>Train<br>Mile. | Cost per<br>1,000<br>Vehicle<br>Miles. |
|                                                          |  |  |  |  | Total.             | Total.          | Increase. | Decrease. |                            |                                        |
| GENERAL SUPERINTENDENCE—                                 |  |  |  |  | RS.                | RS.             | RS.       | RS.       | AS.                        | RS.                                    |
| Salaries of Superintendents, including allowances ... .. |  |  |  |  | 1,102              | 719             | ...       | 383       | 0.043                      | 0.142                                  |
| Do. of Subordinate do., including do. ... ..             |  |  |  |  | 1,074              | 861             | ...       | 213       | 0.051                      | 0.170                                  |
| Office expenses ... ..                                   |  |  |  |  | 726                | 591             | ...       | 135       | 0.035                      | 0.116                                  |
| REPAIRS AND RENEWALS OF VEHICLES AND MACHINERY—          |  |  |  |  |                    |                 |           |           |                            |                                        |
| Coaching Vehicles... { Wages, including over-time ... .. |  |  |  |  | 886                | 2,133           | 1,247     | ...       | 0.127                      | 0.801                                  |
| { Materials ... ..                                       |  |  |  |  | 1,476              | 2,952           | 1,476     | ...       | 0.176                      | 1.109                                  |
| Goods Vehicles ... { Wages, including over-time ... ..   |  |  |  |  | 2,217              | 2,898           | 681       | ...       | 0.173                      | 1.200                                  |
| { Materials ... ..                                       |  |  |  |  | 3,925              | 4,918           | 993       | ...       | 0.294                      | 1.038                                  |
| CLEANING AND OILING—                                     |  |  |  |  |                    |                 |           |           |                            |                                        |
| Labor, including wages of oilers, &c. ... ..             |  |  |  |  | 1,419              | 3,312           | 1,893     | ...       | 0.193                      | 0.653                                  |
| Stores ... ..                                            |  |  |  |  | 1,454              | 1,769           | 315       | ...       | 0.106                      | 0.349                                  |
| Unclassified Expenditure ... ..                          |  |  |  |  | ...                | 1,35,888        | 1,35,888  | ...       | 8.114                      | 26.772                                 |
| Total ...                                                |  |  |  |  | 14,279             | 1,56,041        | 1,42,493  | 731       | 9.317                      | 30.743                                 |
| Less ...                                                 |  |  |  |  | 31                 | 12              | ...       | 19        | ...                        | 0.002                                  |
| Net Total ...                                            |  |  |  |  | 14,248             | 1,56,029        | 1,41,781  | ...       | 9.317                      | 30.741                                 |

(a)—Per 1,000 coaching vehicle miles.  
(b)—Per 1,000 goods do.

TABLE G.—I.  
Repairs and Working of Vehicles.

| Description of Vehicles.  | Average weight in tons. | Average carrying capacity.      | Total number constructed to end of half-year. | REPAIRED AND RENEWED. |                 |        | Average Number constantly under Repairs and Renewals. | Proportion per cent. constantly under Repairs and Renewals. | Number laid by as spare, or hired out, or lent to other lines. | Average Number in working order. | Total Vehicle Mileage. | AVERAGE MILEAGE RUN PER VEHICLE. |          |
|---------------------------|-------------------------|---------------------------------|-----------------------------------------------|-----------------------|-----------------|--------|-------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|------------------------|----------------------------------|----------|
|                           |                         |                                 |                                               | Number repaired.      | Number renewed. | Total. |                                                       |                                                             |                                                                |                                  |                        | During half-year.                | Per Day. |
|                           |                         |                                 |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| BROAD GAUGE.              |                         |                                 |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Coaching Vehicles—        |                         |                                 |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Sleeping carriages ..     | ..                      | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 1,329                  | 95                               | ..       |
| Saloon do. M. ..          | ..                      | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 1,241                  | 84                               | ..       |
| First-class do. M. ..     | ..                      | 1st 2nd<br>10 20<br>14 16<br>48 | 7                                             | 8                     | ..              | 8      | 0.077                                                 | 1.100                                                       | ..                                                             | 6.923                            | 64,281                 | 9,295                            | 51       |
| Composite do. ...         | 7.29                    | ..                              | 2                                             | 5                     | ..              | 5      | 0.082                                                 | 4.100                                                       | ..                                                             | 1.918                            | 32,345                 | 16,864                           | 93       |
| Second-class do. ..       | 6.56                    | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Third-class do. ..        | 5.53                    | 50                              | 24                                            | 18                    | ..              | 18     | 0.237                                                 | 0.697                                                       | ..                                                             | 33.763                           | 439,182                | 13,008                           | 71       |
| Horse boxes ..            | 7.09                    | 3                               | 3                                             | 2                     | ..              | 2      | 0.016                                                 | 0.533                                                       | ..                                                             | 2.984                            | 16,756                 | 5,615                            | 31       |
| Carriage trucks ..        | 5.06                    | 1 1/2                           | 1                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 1.000                            | 4,276                  | 4,276                            | 23       |
| Passenger brake-vans ..   | 6.11                    | 6.00                            | 8                                             | 7                     | ..              | 7      | 0.093                                                 | 1.163                                                       | ..                                                             | 7.907                            | 85,858                 | 10,858                           | 60       |
| Total ..                  | ..                      | ..                              | 55                                            | 40                    | ..              | 40     | 0.505                                                 | 0.918                                                       | ..                                                             | 54.495                           | a 645,368              | 11,843                           | 65       |
| Goods Vehicles—           |                         |                                 |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Covered goods wagons..    | 6.12                    | 6.00                            | 106                                           | 4                     | ..              | 4      | 0.050                                                 | 0.047                                                       | ..                                                             | 105.950                          | b 264,795              | 2,499                            | 14       |
| High-sided do. ..         | 5.32                    | 8.00                            | 25                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 25.000                           | 372,773                | 14,911                           | 82       |
| Open goods do. ..         | 4.92                    | 6.00                            | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 8,080                  | 63                               | ..       |
| Low-sided M. ..           | ..                      | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 393                    | 56                               | ..       |
| Cattle vans M. ..         | ..                      | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 1,743                  | 73                               | ..       |
| Timber trucks ..          | 4.74                    | 6.00                            | 4                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 4.000                            | 9,023                  | 2,256                            | 12       |
| Coke wagons M. ..         | ..                      | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 8,790                  | 63                               | ..       |
| Ballast do. ..            | 4.92                    | 6.00                            | 50                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 50.000                           | 14,195                 | 284                              | 2        |
| Salt vans ..              | 5.25                    | 10.00                           | 25                                            | 1                     | ..              | 1      | 0.005                                                 | 0.020                                                       | ..                                                             | 24.995                           | 56,969                 | 2,279                            | 13       |
| Powder vans M. ..         | ..                      | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 2,265                  | 60                               | ..       |
| Goods brake-van ..        | 5.25                    | 6.00                            | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 725                    | 81                               | ..       |
| Total ..                  | ..                      | ..                              | 210                                           | 6                     | ..              | 5      | 0.055                                                 | 0.026                                                       | ..                                                             | 209.945                          | c 739,751              | 3,524                            | 19       |
| METRE GAUGE.              |                         |                                 |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Coaching Vehicles—        |                         |                                 |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Royal saloon carriages .. | ..                      | ..                              | 3                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 3.000                            | ..                     | ..                               | ..       |
| Saloon do. ..             | ..                      | ..                              | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| First-class do. ..        | 5.11                    | 15 1st 2nd<br>916               | 13                                            | 24                    | ..              | 24     | 0.799                                                 | 6.146                                                       | ..                                                             | 12.201                           | 105,357                | 8,635                            | 47       |
| Composite do. ..          | 5.03                    | ..                              | 9                                             | 3                     | ..              | 3      | 0.107                                                 | 1.189                                                       | ..                                                             | 8.893                            | 39,480                 | 4,439                            | 24       |
| Second-class do. ..       | 5.05                    | 32                              | 7                                             | 8                     | ..              | 8      | 0.228                                                 | 3.257                                                       | ..                                                             | 6.772                            | 101,181                | 14,941                           | 82       |
| Third-class do. ..        | 4.65                    | 40                              | 116                                           | 32                    | ..              | 32     | 0.080                                                 | 0.069                                                       | ..                                                             | 115.920                          | 1,309,641              | 11,298                           | 62       |
| Horse boxes ..            | 4.35                    | 2                               | 11                                            | 4                     | ..              | 4      | 0.005                                                 | 0.045                                                       | ..                                                             | 10.995                           | 22,298                 | 20,280                           | 11       |
| Post Office vans ..       | 5.20                    | ..                              | 3                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 3.000                            | ..                     | ..                               | ..       |
| Carriage trucks ..        | ..                      | ..                              | 4                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 4.000                            | ..                     | ..                               | ..       |
| Passenger brake-vans ..   | 5.20                    | ..                              | 24                                            | 32                    | ..              | 32     | 0.043                                                 | 0.179                                                       | ..                                                             | 23.957                           | 215,619                | 9,003                            | 49       |
| Total ..                  | ..                      | ..                              | 190                                           | 103                   | ..              | 103    | 1.262                                                 | 0.664                                                       | ..                                                             | 188.738                          | d 1,793,576            | 9,503                            | 52       |

7 605 miles were run for Engineering, Locomotive, and Traffic Depts.  
do. do. do.

a.—522 miles of this were run for Traffic Department.  
b.—2,082 do. do. with third-class passengers.  
c.—7,605 miles were run for Engineering, Locomotive, and Traffic Depts.  
d.—1,662 do. do. do. do.

TABLE G.—I.—(Continued)  
Repairs and Working of Vehicles.

| Description of Vehicles.      | Average weight in tons. | Average carrying capacity. | Total number constructed to end of half-year. | REPAIRED AND RENEWED. |                 |        | Average number constantly under repairs and renewals. | Proportion per cent. constantly under repairs and renewals. | Number laid by as spare, or hired out, or lent to other lines. | Average number in working order. | Total vehicle mileage. | AVERAGE MILEAGE RUN PER VEHICLE. |          |
|-------------------------------|-------------------------|----------------------------|-----------------------------------------------|-----------------------|-----------------|--------|-------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|------------------------|----------------------------------|----------|
|                               |                         |                            |                                               | Number repaired.      | Number renewed. | Total. |                                                       |                                                             |                                                                |                                  |                        | During half-year.                | For Day. |
| <b>METRIC GAUGE.—(Contd).</b> | (a.)                    | (b.)                       | (c.)                                          | (d.)                  | (e.)            | (f.)   | (g.)                                                  | (h.)                                                        | (i.)                                                           | (j.)                             | (k.)                   | (m.)                             | (n.)     |
| <b>Goods Vehicles—</b>        |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Covered goods wagons ..       | 3.52                    | 6.00                       | 382                                           | 106                   | ..              | 106    | 1.589                                                 | 0.416                                                       | ..                                                             | 330.411                          | 1,433,651              | 3,769                            | 21       |
| High-sided do. ..             | 3.18                    | 6.00                       | 157                                           | 72                    | ..              | 72     | 0.939                                                 | 0.598                                                       | ..                                                             | 156.061                          | 210,407                | 1,348                            | 7        |
| Open goods low-sided ..       | 2.92                    | 5.50                       | 67                                            | 19                    | ..              | 19     | 0.217                                                 | 0.324                                                       | ..                                                             | 66.783                           | 70,642                 | 1,058                            | 6        |
| Cotton trucks ..              | 4.15                    | 4.50                       | 72                                            | 1                     | ..              | 1      | 0.038                                                 | 0.053                                                       | ..                                                             | 71.962                           | 44,898                 | 624                              | 3        |
| Powder vans ..                | 5.15                    | 4.00                       | 3                                             | 2                     | ..              | 2      | 0.038                                                 | 1.266                                                       | ..                                                             | 2.962                            | 2,989                  | 1,009                            | 6        |
| Timber trucks ..              | 2.40                    | 5.00                       | 24                                            | 1                     | ..              | 1      | 0.000                                                 | ..                                                          | ..                                                             | 24.000                           | 33,827                 | 1,410                            | 8        |
| Ballast wagons ..             | 2.83                    | 5.50                       | 130                                           | 36                    | ..              | 36     | 0.309                                                 | 0.238                                                       | ..                                                             | 129.691                          | 61,307                 | 473                              | 3        |
| Salt vans ..                  | 3.62                    | 6.00                       | 11                                            | 4                     | ..              | 4      | 0.055                                                 | 0.500                                                       | ..                                                             | 10.945                           | 37,043                 | 3,385                            | 19       |
| Goods brake-vans ..           | 4.34                    | 3.00                       | 13                                            | 3                     | ..              | 3      | 0.038                                                 | 0.292                                                       | ..                                                             | 12.962                           | 48,150                 | 3,715                            | 20       |
| Five ton travelling crane ..  | ..                      | ..                         | 1                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | 1.000                            | 156                    | 156                              | ..       |
| <b>Total ..</b>               | ..                      | ..                         | 860                                           | 244                   | ..              | 244    | 3.223                                                 | 0.374                                                       | ..                                                             | 858.777                          | 1,943,070              | 2,268                            | 12       |
| <b>Gauge 3'-6".</b>           |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| <b>Coaching Vehicles—</b>     |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Sleeping carriages ..         | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Saloon ..                     | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| First-class ..                | ..                      | 12                         | 3                                             | ..                    | 2               | 2      | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Composite ..                  | 2.77                    | 1st 2nd 68                 | 4                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 7,334                  | ..                               | ..       |
| Second ..                     | 3.03                    | 16                         | 6                                             | ..                    | 3               | 3      | 0.065                                                 | 0.181                                                       | ..                                                             | 35.935                           | 9,875                  | 1,628                            | 9        |
| Third ..                      | 2.88                    | 25                         | 20                                            | ..                    | 11              | 11     | ..                                                    | ..                                                          | ..                                                             | ..                               | 34,025                 | ..                               | ..       |
| Passenger brake-vans ..       | 3.75                    | ..                         | 3                                             | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | 7,277                  | ..                               | ..       |
| <b>Total ..</b>               | ..                      | ..                         | 36                                            | ..                    | 16              | 16     | 0.065                                                 | 0.181                                                       | ..                                                             | 35.935                           | 53,511                 | 1,628                            | 9        |
| <b>Goods Vehicles—</b>        |                         |                            |                                               |                       |                 |        |                                                       |                                                             |                                                                |                                  |                        |                                  |          |
| Covered goods wagons ..       | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| High-sided do. ..             | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Open goods, low-sided ..      | 2.28                    | 3.00                       | 40                                            | ..                    | 38              | 38     | 0.120                                                 | 0.300                                                       | ..                                                             | 39.880                           | 18,347                 | 460                              | 3        |
| Cattle vans ..                | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Powder vans ..                | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Timber trucks ..              | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Coke wagons ..                | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| Goods brake-vans ..           | ..                      | ..                         | ..                                            | ..                    | ..              | ..     | ..                                                    | ..                                                          | ..                                                             | ..                               | ..                     | ..                               | ..       |
| <b>Total ..</b>               | ..                      | ..                         | 40                                            | ..                    | 38              | 38     | 0.120                                                 | 0.300                                                       | ..                                                             | 39.880                           | 18,347                 | 460                              | 3        |

a.—231,394 miles were run with third-class Passengers.  
f.—1,640 do.  
g.—5,185 do.

A.—197 miles were run with Carriages.  
i.—30,238 do.  
for Engineering, Locomotive, and Traffic Departments.

TABLE G.—II.  
Distribution of Vehicle Mileage according to the Traffic carried.

| Description of Vehicles.                                    | Mileage Run. | Remarks.                                  |
|-------------------------------------------------------------|--------------|-------------------------------------------|
| <b>COACHING—</b>                                            | 171,929      |                                           |
| First-class ...                                             | 190,594      |                                           |
| Second " ...                                                | 2,019,325    |                                           |
| Third " ...                                                 | ..           |                                           |
| Fourth " ...                                                | 6,113        |                                           |
| Carriage trucks ...                                         | 39,054       |                                           |
| Horse boxes ...                                             | 127,442      |                                           |
| Luggage vans ...                                            | 107,809      |                                           |
| Post Office vehicles ...                                    | 2,662,266    |                                           |
| Total (paying vehicle mileage)...                           | 73,503       |                                           |
| Passenger brake-vans ...                                    | 2,735,769    | Includes 17,127 miles of empty vehicles.  |
| Total, including brakes ...                                 | ..           |                                           |
| <b>Goods—</b>                                               | 2,396,649    |                                           |
| Goods vehicles ...                                          | 16,743       |                                           |
| Cattle vans ...                                             | ..           |                                           |
| Mineral trucks ...                                          | 2,413,392    |                                           |
| Total, (paying vehicle mileage) ...                         | 7,773        |                                           |
| Goods brake-vans ...                                        | 2,421,165    | Includes 630,371 miles of empty vehicles. |
| Total, including brakes ...                                 | ..           |                                           |
| <b>MISCELLANEOUS—</b>                                       |              |                                           |
| (For Stores and Materials carried free on Revenue Account.) |              |                                           |
| For Locomotive Department (in entire train loads) ...       | 29,597       | 132,228                                   |
| For Engineering do. do. ...                                 | 5,524        | 11,607                                    |
| For stores carried free for Traffic Department ...          | 6,171        | 3,102                                     |
| Brake-vans ...                                              | 397          | ..                                        |
| Total, including brakes ...                                 | 41,689       | 146,937                                   |
| Grand Total ...                                             | 5,198,623    | 146,937                                   |

Ton mileage of Stores and Materials carried.

TABLE H.  
Traffic Expenses.

| Details.                                                                                         | 1st-HALF,<br>1875. | 1st-HALF, 1876. |           |           | Cost per<br>Train<br>Mile. | Cost per<br>1,000<br>Vehicle<br>Miles. |
|--------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------|-----------|----------------------------|----------------------------------------|
|                                                                                                  | Total.             | Total.          | Increase. | Decrease. |                            |                                        |
| Train Mileage ... ..                                                                             | 154,593            | 267,969         | 113,376   | ...       |                            |                                        |
| Vehicle Mileage ... ..                                                                           |                    |                 |           |           |                            |                                        |
| Coaching ... ..                                                                                  | 1,093,223          | 2,662,266       | 1,569,043 | ...       |                            |                                        |
| Goods ... ..                                                                                     | 1,423,156          | 2,413,392       | 990,236   | ...       |                            |                                        |
| Total ... ..                                                                                     | 2,516,379          | 5,075,658       | 2,559,279 | ...       |                            |                                        |
| Details.                                                                                         | 1st-HALF,<br>1875. | 1st-HALF, 1876. |           |           | Cost per<br>Train<br>Mile. | Cost per<br>1,000<br>Vehicle<br>Miles. |
|                                                                                                  | Total.             | Total.          | Increase. | Decrease. |                            |                                        |
| SALARIES, WAGES, &c.—                                                                            | RS.                | RS.             | RS.       | RS.       | AS.                        | RS.                                    |
| General Superintendence, including travelling allowances ... ..                                  | 4,852              | 7,995           | 3,143     | ...       | 0.477                      | 1.575                                  |
| Office Establishment and Contingencies ... ..                                                    | 1,023              | 1,967           | 944       | ...       | 0.118                      | 0.388                                  |
| Station Staff ... ..                                                                             | 16,773             | 41,552          | 24,779    | ...       | 2.481                      | 8.186                                  |
| Train " ... ..                                                                                   | 3,752              | 5,642           | 1,890     | ...       | 0.337                      | 1.112                                  |
| FUEL, LIGHTING, WATER AND GENERAL STORES ... ..                                                  | 1,629              | 3,600           | 1,971     | ...       | 0.215                      | 0.709                                  |
| CLOTHING ... ..                                                                                  | 874                | 1,393           | 519       | ...       | 0.083                      | 0.274                                  |
| PRINTING, STATIONERY, AND TICKETS ... ..                                                         | 2,803              | 5,218           | 2,415     | ...       | 0.312                      | 1.028                                  |
| CHARGES FOR DELIVERY AND COLLECTION OF GOODS, &c. ... ..                                         | ...                | ...             | ...       | ...       | ...                        | ...                                    |
| MISCELLANEOUS EXPENSES ... ..                                                                    | 268                | 684             | 416       | ...       | 0.041                      | 0.135                                  |
| PAYMENTS TO OTHER LINES—                                                                         |                    |                 |           |           |                            |                                        |
| Mileage of Foreign Stock* ... ..                                                                 | 7,759              | ...             | ...       | 7,759     | ...                        | ...                                    |
| Expenses at Joint Stations ... ..                                                                | 7,025              | 3,043           | ...       | 3,982     | 0.181                      | 0.600                                  |
| UNCLASSIFIED EXPENDITURE ... ..                                                                  | ...                | ...             | ...       | ...       | ...                        | ...                                    |
| Total ... ..                                                                                     | 46,758             | 71,094          | 36,077    | 11,741    | 4.245                      | 14.007                                 |
| * Less "Mileage on Foreign Stock" transferred to Table L as per revised forms of accounts ... .. | 7,759              | 82              | ...       | 7,677     | 0.005                      | 0.016                                  |
| Net Total ... ..                                                                                 | 38,999             | 71,012          | 32,013    | ...       | 4.240                      | 13.991                                 |

TABLE J.  
General Charges.

| Details.                                                                      | 1st-HALF,<br>1875. | 1st-HALF, 1876. |           |           | Cost per<br>Train<br>Mile. |
|-------------------------------------------------------------------------------|--------------------|-----------------|-----------|-----------|----------------------------|
|                                                                               | Total.             | Total.          | Increase. | Decrease. |                            |
| TRAIN MILEAGE ... ..                                                          | 1,54,593           | 2,67,969        | 1,13,376  | ...       | ...                        |
| HOME EXPENDITURE ... ..                                                       | RS.                | RS.             | RS.       | RS.       | AS.                        |
| INDIAN MANAGEMENT—                                                            | 5,067              | 7,305           | 2,238     | ...       | 0.436                      |
| Agent's Office, including travelling allowances and Contingencies ... ..      | 4,915              | 6,643           | 1,728     | ...       | 0.337                      |
| Auditor's Office do. do. ... ..                                               | 9,494              | 12,146          | 2,652     | ...       | 0.725                      |
| Account's Office do. do. ... ..                                               | 2,123              | 3,034           | 911       | ...       | 0.181                      |
| Paymaster's Office do. do. ... ..                                             | 651                | 1,007           | 356       | ...       | 0.060                      |
| Store Department do. do. ... ..                                               | ...                | ...             | ...       | ...       | ...                        |
| Medical Department do. do. ... ..                                             | ...                | ...             | ...       | ...       | ...                        |
| Rents ... ..                                                                  | 1,000              | 1,580           | 580       | ...       | 0.094                      |
| Miscellaneous expenses, including Printing and Stationery and Medicine ... .. | ...                | ...             | ...       | ...       | ...                        |
| POLICE ... ..                                                                 | 87                 | 508             | 421       | ...       | 0.030                      |
| ADVERTISING ... ..                                                            | ...                | ...             | ...       | ...       | ...                        |
| ELECTRIC TELEGRAPH—                                                           | 3,424              | 6,880           | 3,456     | ...       | 0.411                      |
| Salaries, &c. ... ..                                                          | 133                | 177             | 44        | ...       | 0.011                      |
| Maintenance (Wages and Stores) ... ..                                         | ...                | ...             | ...       | ...       | ...                        |
| Government Telegraph Department for Rent, Maintenance and Inspection ... ..   | ...                | ...             | ...       | ...       | ...                        |
| CLEARING ACCOUNTS WITH OTHER LINES ... ..                                     | ...                | 2,522           | 2,522     | ...       | 0.151                      |
| UNCLASSIFIED EXPENDITURE ... ..                                               | ...                | ...             | ...       | ...       | ...                        |
| Total ... ..                                                                  | 26,894             | 41,802          | 14,908    | ...       | 2.496                      |
| Less ... ..                                                                   | ...                | ...             | ...       | ...       | ...                        |
| Net Total ... ..                                                              | 26,894             | 41,802          | 14,908    | ...       | 2.496                      |

TABLE K.  
Steamboat Service.

| Details.                                         | 1st-HALF,<br>1875. | 1st-HALF, 1876.    |           |           |
|--------------------------------------------------|--------------------|--------------------|-----------|-----------|
|                                                  | Total.             | Total.             | Increase. | Decrease. |
| <b>WORKING VESSELS—</b>                          | RS.                | RS.                | RS.       | RS.       |
| Salaries and allowances of Officers and Crew ... | ...                | ...                | ...       | ...       |
| Loading and unloading vessels ...                | ...                | ...                | ...       | ...       |
| Pilotage fees ...                                | ...                | ...                | ...       | ...       |
| Contingencies ...                                | ...                | ...                | ...       | ...       |
| <b>REPAIRS—</b>                                  |                    |                    |           |           |
| Wages ...                                        | ...                | ...                | ...       | ...       |
| Materials ...                                    | ...                | ...                | ...       | ...       |
| <b>FUEL—</b>                                     |                    |                    |           |           |
| Fuelling Establishment and Fuelling vessels ...  | ...                | ...                | ...       | ...       |
| Coal ...                                         | ...                | ...                | ...       | ...       |
| Coke ...                                         | ...                | ...                | ...       | ...       |
| Patent fuel ...                                  | ...                | ...                | ...       | ...       |
| Wood ...                                         | ...                | ...                | ...       | ...       |
| MISCELLANEOUS STORES ...                         | ...                | ...                | ...       | ...       |
| STEAM TRAFFIC AGENCIES ...                       | ...                | ...                | ...       | ...       |
| MISCELLANEOUS EXPENDITURE ...                    | ...                | ...                | ...       | ...       |
| CONTRIBUTION TO FLOTILLA RESERVE FUND ...        | ...                | ...                | ...       | ...       |
| Total ...                                        | ...                | ...                | ...       | ...       |
| Less ...                                         | ...                | ...                | ...       | ...       |
| Net Total ...                                    | ...                | ...                | ...       | ...       |
|                                                  | Quantity consumed. | Quantity consumed. | Increase. | Decrease. |
| Coal ...                                         | TONS.              | TONS.              | TONS.     | TONS.     |
| Coke ...                                         | ...                | ...                | ...       | ...       |
| Patent fuel ...                                  | ...                | ...                | ...       | ...       |
| Wood ...                                         | ...                | ...                | ...       | ...       |

TABLE L.  
Special and Miscellaneous Expenditure.

| Details.                                    | 1st-HALF,<br>1875. | 1st-HALF, 1876. |           |           |
|---------------------------------------------|--------------------|-----------------|-----------|-----------|
|                                             | Total.             | Total.          | Increase. | Decrease. |
|                                             | RS.                | RS.             | RS.       | RS.       |
| <b>LAW CHARGES</b> ...                      | 16                 | 13              | ...       | 3         |
| <b>COMPENSATION—</b>                        |                    |                 |           |           |
| For goods lost or damaged ...               | 60                 | 613             | 553       | ...       |
| „ personal injury ...                       | ...                | ...             | ...       | ...       |
| „ other claims ...                          | ...                | 6               | 6         | ...       |
| <b>RATES AND TAXES</b> ...                  | 1,343              | 674             | ...       | 669       |
| <b>INTEREST ON REVENUE BALANCES</b> ...     | ...                | ...             | ...       | ...       |
| <b>PAYMENTS TO OTHER LINES—</b>             |                    |                 |           |           |
| Hire of Locomotives ...                     | ...                | ...             | ...       | ...       |
| Hire of Vehicles ...                        | ...                | ...             | ...       | ...       |
| Mileage of Foreign Stock ...                | *7,759             | 8,089           | 330       | ...       |
| Rent of Stations, &c., jointly occupied ... | ...                | 4,289           | 4,289     | ...       |
| Total ...                                   | 9,178              | 13,684          | 5,178     | 672       |
| Less ...                                    | ...                | ...             | ...       | ...       |
| Net Total ...                               | 9,178              | 13,684          | 4,506     | ...       |

\* Transferred from Table II as per revised Forms of Accounts.

## ANALYSIS OF CARRYING COST.

TABLE M.—I.

| The unit | of Passenger Traffic    | Definitions.   |
|----------|-------------------------|----------------|
| "        | of Carriages            | is—1 Passenger |
| "        | of Horses               | is—1 carriage  |
| "        | of Luggage              | is—1 horse     |
| "        | of Post Office vehicles | is—1 ton.      |
| "        | of Goods                | is—1 "         |
| "        | of Cattle               | is—1 "         |

Data for calculating the inci

| Approximate Weight of Units to be adopted in these calculations. |  |               |       |
|------------------------------------------------------------------|--|---------------|-------|
| COACHING—                                                        |  | cwt.          | tons. |
| A 1st-Class passenger with free luggage..                        |  | 1.75 or .0875 |       |
| A 2nd " " " "                                                    |  | 1.75 or .0875 |       |
| A 3rd " " " "                                                    |  | 1.25 or .0625 |       |
| A 4th " " " "                                                    |  | 1.25 or .0625 |       |
| A carriage (average for two and four wheeled)..                  |  | 6.75 or .3375 |       |

| COACHING—(Contd.)                              |  | cwt.          | tons. |
|------------------------------------------------|--|---------------|-------|
| A horse ..                                     |  | 8.75 or .4375 |       |
| A dog ..                                       |  | 0.20 or .01   |       |
| Goods—                                         |  |               |       |
| A head of horned cattle, or a pony or horse .. |  | 5.00 or .25   |       |
| A head of sheep, goat, &c.                     |  | 0.50 or .025  |       |

ence of Carrying Cost per Unit per Mile for each Class of Passenger Traffic, and for Goods, Cattle and Minerals.

| Total Mileage of each description of Rolling Stock.           | Total Mileage of Units. | AVERAGE CONTENTS IN UNITS OF EACH VEHICLE. |                 | Average Weight of Rolling Stock in Tons. | Total Average Weight, including Contents of each Vehicle in Tons. | Proportion per cent. of Freight to Total Weight. | TON MILEAGE. |                 | TOTAL TON MILEAGE.                            |                                               |
|---------------------------------------------------------------|-------------------------|--------------------------------------------|-----------------|------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|--------------|-----------------|-----------------------------------------------|-----------------------------------------------|
|                                                               |                         | No.                                        | Weight in Tons. |                                          |                                                                   |                                                  | Of Freight.  | Of Dead Weight. | Excluding Engines and Tenders and Brake-vans. | Including Engines and Tenders and Brake-vans. |
| (a)                                                           | (b)                     | (c)                                        | (d)             | (e)                                      | (f)                                                               | (g)                                              | (h)          | (i)             | (k)                                           | (l)                                           |
| <b>COACHING—</b>                                              |                         |                                            |                 |                                          |                                                                   |                                                  |              |                 |                                               |                                               |
| 1 1st-Class ..                                                | 171,929                 | 1,273                                      | 0.111           | 5.431                                    | 5.542                                                             | 2.009                                            | 19,144       | 933,747         | 952,891                                       | ..                                            |
| 2 2nd " ..                                                    | 190,594                 | 6,098                                      | 0.534           | 5.591                                    | 6.125                                                             | 8.710                                            | 101,690      | 1,065,611       | 1,167,301                                     | ..                                            |
| 3 3rd " ..                                                    | 2,019,325               | 23,744                                     | 1.484           | 4.682                                    | 6.166                                                             | 24.068                                           | 2,996,711    | 9,454,479       | 12,451,190                                    | ..                                            |
| 4 4th " ..                                                    | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | ..           | ..              | ..                                            | ..                                            |
| 5 Carriage Trucks                                             | 6,113                   | 1,900                                      | 0.641           | 4.414                                    | 5.055                                                             | 12.688                                           | 3,921        | 26,983          | 30,904                                        | ..                                            |
| 6 Horse Boxes                                                 | 39,054                  | 0.859                                      | 0.376           | 5.526                                    | 5.902                                                             | 6.369                                            | 14,681       | 215,812         | 230,493                                       | ..                                            |
| 7 Luggage Vans                                                | 127,442                 | ..                                         | 0.421           | 5.635                                    | 6.056                                                             | 6.948                                            | 53,623       | 718,136         | 771,759                                       | ..                                            |
| 8 Post Office Vehicles                                        | 107,809                 | ..                                         | *0.450          | 5.200                                    | 5.650                                                             | 7.965                                            | 48,514       | 560,607         | 609,121                                       | ..                                            |
| 9 Total ..                                                    | 2,662,266               | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | 3,238,284    | 12,975,375      | 16,213,659                                    | ..                                            |
| 10 Passenger Engines and Tenders                              | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | ..           | ..              | ..                                            | ..                                            |
| 11 Do. Brake-vans                                             | 142,158                 | ..                                         | ..              | 33.736                                   | ..                                                                | ..                                               | ..           | 4,795,784       | ..                                            | ..                                            |
| 12 Total Coaching, Ton Mileage ..                             | 73,503                  | ..                                         | ..              | 5.365                                    | ..                                                                | ..                                               | ..           | 394,344         | ..                                            | ..                                            |
| 13 Goods—                                                     | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | 3,238,284    | 18,165,503      | ..                                            | 21,403,787                                    |
| 14 Goods Vehicles                                             | 2,396,649               | ..                                         | 2.500           | 4.094                                    | 6.594                                                             | 37.913                                           | 5,992,841    | 9,811,880       | 15,804,721                                    | ..                                            |
| 15 Cattle Vans ..                                             | 16,743                  | ..                                         | 0.518           | 3.825                                    | 4.343                                                             | 11.938                                           | 8,681        | 64,042          | 72,723                                        | ..                                            |
| 16 Mineral Trucks                                             | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | ..           | ..              | ..                                            | ..                                            |
| 17 Total ..                                                   | 2,413,392               | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | 6,001,522    | 9,875,922       | 15,877,444                                    | ..                                            |
| 18 Goods Engines and Tenders                                  | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | ..           | ..              | ..                                            | ..                                            |
| 19 " Brake-vans                                               | 125,811                 | ..                                         | ..              | 33.736                                   | ..                                                                | ..                                               | ..           | 4,244,361       | ..                                            | ..                                            |
| 20 Total Goods, Ton Mileage ..                                | 7,773                   | ..                                         | ..              | 4.345                                    | ..                                                                | ..                                               | ..           | 33,774          | ..                                            | ..                                            |
| 21 MISCELLANEOUS (FOR STORES CARRIED FREE ON REVENUE ACCOUNT. | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | 6,001,522    | 14,154,057      | ..                                            | 20,155,679                                    |
| 22 For Traffic Department                                     | 6,171                   | ..                                         | 0.503           | 4.379                                    | 4.882                                                             | 10.303                                           | 3,102        | 27,023          | 30,125                                        | ..                                            |
| 23 " Locomotive Department                                    | 29,597                  | ..                                         | 4.468           | 3.570                                    | 8.038                                                             | 55.586                                           | 132,228      | 105,661         | 237,889                                       | ..                                            |
| 24 " Maintenance ..                                           | 5,524                   | ..                                         | 2.101           | 2.935                                    | 5.036                                                             | 41.723                                           | 11,607       | 16,213          | 27,820                                        | ..                                            |
| 25 Total ..                                                   | 35,121                  | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | 146,937      | 148,897         | 295,834                                       | ..                                            |
| 26 Engines and Tenders ..                                     | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | ..           | ..              | ..                                            | ..                                            |
| 27 Brake-vans ..                                              | 3,321                   | ..                                         | ..              | 32.358                                   | ..                                                                | ..                                               | ..           | 106,461         | ..                                            | ..                                            |
| 28 For stores carried free in ordinary trains.                | 397                     | ..                                         | ..              | 4.128                                    | ..                                                                | ..                                               | ..           | 1,638           | ..                                            | ..                                            |
| 29 Total Miscellaneous Ton Mileage ..                         | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | ..           | ..              | ..                                            | ..                                            |
| 30 Total, Ton Mileage ..                                      | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | 146,937      | 256,996         | ..                                            | 403,933                                       |
| 31 ..                                                         | ..                      | ..                                         | ..              | ..                                       | ..                                                                | ..                                               | 9,386,743    | 32,576,556      | ..                                            | 41,963,299                                    |

\* Assumed weight.

TABLE M.—II.

Division between Coaching and Goods of the Expenditure of Departments.

|                                                          | Rs.    |          |
|----------------------------------------------------------|--------|----------|
| Maintenance Expenses ..                                  | 129    | 33,869   |
| Reduced by amount credited for sale of Revenue Stores .. | 1,658  | 1,787    |
| Do. Rents of dwelling-houses ..                          | ..     | 32,082   |
| Net Amount ..                                            | ..     | 2,80,630 |
| Locomotive Expenses ..                                   | 21,549 | ..       |
| Reduced by credit for hire of Locomotives ..             | ..     | ..       |
| " " for haulage of foreign trains ..                     | 200    | 21,749   |
| " " for sale of Locomotive stores ..                     | ..     | ..       |
| " " for profits of Workshops ..                          | ..     | 2,58,881 |
| Net Amount ..                                            | ..     | 1,56,029 |
| Carriage and Wagon Expenses ..                           | ..     | 71,012   |
| Traffic Expenses ..                                      | ..     | 6,781    |
| Reduced by mileage of vehicles over foreign lines ..     | ..     | 64,231   |
| Net Amount ..                                            | ..     | 41,802   |
| General Charges ..                                       | 6,840  | 7,127    |
| Reduced by telegraph receipts ..                         | 287    | ..       |
| " fees on share transfers, &c ..                         | ..     | 34,675   |
| Net Amount ..                                            | ..     | 13,684   |
| Special and Miscellaneous Expenses ..                    | ..     | 79       |
| Reduced by sale of unclaimed and damaged goods ..        | ..     | 13,605   |
| Net Amount ..                                            | ..     | ..       |

Division of Expenses.

|                              | Maintenance. | Locomotive. | Carriage and Wagon. | Traffic. | General Charges. | Special and Miscellaneous. | Total.   |
|------------------------------|--------------|-------------|---------------------|----------|------------------|----------------------------|----------|
|                              | (a)          | (b)         | (c)                 | (d)      | (e)              | (f)                        |          |
|                              | Rs.          | Rs.         | Rs.                 | Rs.      | Rs.              | Rs.                        | Rs.      |
| Expenses as reduced above .. | 32,082       | 2,58,881    | 1,56,029            | 64,231   | 34,675           | 13,605                     | 5,59,503 |
| Due to coaching ..           | 16,523       | 1,37,337    | 80,158              | 33,690   | 18,395           | 7,217                      | 2,93,320 |
| " to goods ..                | 15,559       | 1,21,544    | 75,871              | 30,541   | 16,280           | 6,388                      | 2,66,183 |

TABLE M—III.

Distributed Cost of carrying the Vehicles of each class, including Freight.

| Details.                         | COACHING     |               |              |               |                  |              |               |                       |            | Goods.          |              |                 |            |
|----------------------------------|--------------|---------------|--------------|---------------|------------------|--------------|---------------|-----------------------|------------|-----------------|--------------|-----------------|------------|
|                                  | First Class. | Second Class. | Third Class. | Fourth Class. | Carriage Trucks. | Horse Boxes. | Luggage Vans. | Post Office Vehicles. | Total.     | Goods Vehicles. | Cattle Vans. | Mineral Trucks. | Total.     |
| Maintenance (a) ..               | Rs. 971      | Rs. 1,190     | Rs. 12,689   | Rs. ..        | Rs. 31           | Rs. 235      | Rs. 796       | Rs. 621               | Rs. 16,523 | Rs. 15,488      | Rs. 71       | Rs. ..          | Rs. 15,559 |
| Locomotive (b) ..                | 8,071        | 9,888         | 1,05,467     | ..            | 262              | 1,952        | 6,537         | 5,160                 | 137,337    | 1,20,987        | 557          | ..              | 1,21,544   |
| Carriage and Wagon (c) ..        | 5,177        | 5,738         | 60,800       | ..            | 184              | 1,176        | 3,837         | 3,216                 | 80,158     | 75,315          | 625          | ..              | 75,940     |
| Traffic (d) ..                   | 2,176        | 2,412         | 25,554       | ..            | 77               | 494          | 1,613         | 1,364                 | 33,690     | 30,329          | 212          | ..              | 30,541     |
| General (e) ..                   | 1,188        | 1,317         | 13,953       | ..            | 42               | 270          | 880           | 745                   | 18,395     | 16,167          | 113          | ..              | 16,280     |
| Special and Miscellaneous (f) .. | 468          | 517           | 5,474        | ..            | 17               | 106          | 345           | 292                   | 7,217      | 6,344           | 44           | ..              | 6,388      |

TABLE M—IV.

Classified Cost of Working over one mile a Vehicle, including its Freight; also total cost of carrying over one mile a unit of each description of traffic.

| Details.                  | COACHING     |               |              |               |                  |              |               |                       |             | Goods.          |              |                 |
|---------------------------|--------------|---------------|--------------|---------------|------------------|--------------|---------------|-----------------------|-------------|-----------------|--------------|-----------------|
|                           | First Class. | Second Class. | Third Class. | Fourth Class. | Carriage Trucks. | Horse Boxes. | Luggage Vans. | Post Office Vehicles. | Total.      | Goods Vehicles. | Cattle Vans. | Mineral Trucks. |
| Maintenance .. ..         | Pies. 1-055  | Pies. 1-198   | Pies. 1-207  | Pies. ..      | Pies. 0-974      | Pies. 1-155  | Pies. 1-184   | Pies. 1-106           | Pies. 1-241 | Pies. 0-814     | Pies. ..     | Pies. ..        |
| Locomotive .. ..          | 9-013        | 9-961         | 1-025        | ..            | 8-229            | 9-597        | 9-848         | 9-190                 | 9-652       | 6-387           | ..           | ..              |
| Carriage and Wagon ..     | 5-781        | 5-780         | 6-780        | ..            | 5-779            | 5-781        | 5-781         | 5-781                 | 6-036       | 6-032           | ..           | ..              |
| Traffic .. ..             | 2-430        | 2-430         | 2-430        | ..            | 2-418            | 2-429        | 2-430         | 2-429                 | 2-430       | 2-431           | ..           | ..              |
| General .. ..             | 1-327        | 1-327         | 1-327        | ..            | 1-319            | 1-327        | 1-326         | 1-327                 | 1-295       | 1-296           | ..           | ..              |
| Special and Miscellaneous | 0-520        | 0-521         | 0-520        | ..            | 0-534            | 0-521        | 0-520         | 0-520                 | 0-508       | 0-505           | ..           | ..              |
| Total .. ..               | 20-156       | 21-217        | 21-292       | ..            | 19-253           | 20-810       | 21-089        | 20-353                | 21-202      | 17-465          | ..           | ..              |
| Cost per unit .. ..       | 15-833       | 3-479         | 0-897        | ..            | 10-133           | 24-225       | 50-093        | 45-229                | 8-461       | 33-716          | ..           | ..              |

TABLE M—V.

Statement showing in comparison the Receipts and the Carrying Cost per Vehicle per mile and per unit per mile of Coaching and Merchandize Traffic.

| Details.                                                          | Average Receipt per Vehicle per Mile. (a) | Carrying Cost per Vehicle per Mile. (b) | Profit per Vehicle per Mile. (c) | Loss per Vehicle per Mile. (d) | Average Receipt per Unit per Mile. (e) | Carrying Cost per Unit per Mile. (f) | Profit per Unit per Mile. (g) | Loss per Unit per Mile. (h) | Proportion per cent. of Profits to Receipts. (i) |
|-------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|----------------------------------|--------------------------------|----------------------------------------|--------------------------------------|-------------------------------|-----------------------------|--------------------------------------------------|
| COACHING—                                                         | Pies.                                     | Pies.                                   | Pies.                            | Pies.                          | Pies.                                  | Pies.                                | Pies.                         | Pies.                       |                                                  |
| 1st-Class .. ..                                                   | 10-035                                    | 20-156                                  | ..                               | 10-121                         | 7-885                                  | 15-833                               | ..                            | 7-947                       | ..                                               |
| 2nd " .. ..                                                       | 18-202                                    | 21-217                                  | ..                               | 3-015                          | 2-945                                  | 3-479                                | ..                            | 0-494                       | ..                                               |
| 3rd " .. ..                                                       | 49-574                                    | 21-292                                  | 28-282                           | ..                             | 2-088                                  | 0-897                                | 1-191                         | ..                          | 67-040                                           |
| 4th " .. ..                                                       | ..                                        | ..                                      | ..                               | ..                             | ..                                     | ..                                   | ..                            | ..                          | ..                                               |
| Carriages .. ..                                                   | 43-689                                    | 19-253                                  | 24-436                           | ..                             | 22-990                                 | 10-133                               | 12-87                         | ..                          | 55-924                                           |
| Horses .. ..                                                      | 13-662                                    | 20-810                                  | ..                               | 7-148                          | 15-900                                 | 24-225                               | ..                            | 8-325                       | ..                                               |
| Luggage, including parcels and dogs ..                            | 28-842                                    | 21-089                                  | 7-753                            | ..                             | 68-516                                 | 50-093                               | 1-453                         | ..                          | 26-921                                           |
| Post Office vehicles ..                                           | ..                                        | ..                                      | ..                               | ..                             | ..                                     | ..                                   | ..                            | ..                          | ..                                               |
| Goods—                                                            |                                           |                                         |                                  |                                |                                        |                                      |                               |                             |                                                  |
| Merchandize, including Government Stores and Railway Materials .. | 25-623                                    | 21-202                                  | 4-427                            | ..                             | 10-240                                 | 8-481                                | 1-758                         | ..                          | 17-250                                           |
| Cattle .. ..                                                      | 11-720                                    | 17-465                                  | ..                               | 5-745                          | 22-604                                 | 33-716                               | ..                            | 11-112                      | ..                                               |
| Minerals .. ..                                                    | ..                                        | ..                                      | ..                               | ..                             | ..                                     | ..                                   | ..                            | ..                          | ..                                               |

MADRAS,  
12th February 1877.(Signed) P. LAIBERT, Major, R.E.  
Examiner Railway Accounts, Madras

No 693

Public Works Department.

## PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 28 Feb/77  
Read the following:—

From  
The Hon Engineer  
for Railways { (H.E. N° 119 d/20 Feb/77) }

Ordered to be for-  
warded to The Govern-  
ment of India.

Per 24/2

(H.E. N° 64 d/28 Feb/77)

Copy of the above  
forwarded to The  
Government of India.

U.

29-3-77

Ans. by Mr. Laibert  
by Mr. Laibert

[illegible]