

(1) Number of pages 22
 (2) Date of repair 2/87
 (3) Initials of the Referencer lans

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No.	2412 - w	Press.
B.P. No.		Mis.
Dated 30 - 9 - 1881		197.

Not to be folded or roughly handled

A. Nani

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

30th September 1881, No. 2412-W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 182. From Major R. R. E. DRAKE-BROCKMAN, R.E., Executive Engineer, Buckingham Canal Division, to the Chief Engineer, Public Works Department, dated Chepauk, 12th September 1881, No. 1715.

I HAVE the honor to forward the Traffic Return of the Buckingham Canal for the half-year ending 30th June 1881, prepared in the form printed in G.O., No. 352 I., dated 19th June 1879, and as desired in your memorandum No. 155, dated 9th June last.

2. From the following statement showing the collection of toll and license fees for the past three half-years, you will observe that the total receipts during the half-year under reference exceed the total collections of the corresponding period of the past year by Rs. 13,080, and I expect that the collections during the second half of the year 1881 will in all probability exceed the collections of the second half of the year 1880 :—

Sections.	Items.	Half-year ending 30th June 1880.	Half-year ending 31st December 1880.	Half-year ending 30th June 1881.	Difference of Columns 3 and 5.
1	2	3	4	5	6
		RS.	RS.	RS.	RS.
Southern Section	Tolls	2,992	10,389	9,705	6,713
	License fees	617	569	1,053	436
Northern do.	Tolls	34,171	42,856	34,443	272
	License fees	9,487	8,727	15,146	5,659
Total		47,267	62,541	60,347	13,080

3. The plan of testing the tonnage of boats by actual experiment has effected a diminution of about 1,100 tons on about 500 boats thus tested since the rules for so doing were passed by Government in August 1880. The fears entertained, however, by my predecessor in his letter, dated 12th March 1881, embodied in Proceedings of Madras Government, No. 906 W., dated 4th April 1881, have not, it will be seen, been realised. The increase in license fees is very apparent and may be owing to a large number of boat-owners having compounded for the whole year, but this, on the other hand, does not appear to have affected the amount realised from tolls, which fact shows that more use has been made now than formerly of the canal by those boats for which compounded licenses have not been taken out.

STATEMENT of Traffic, &c., on Buckingham Canal in the Madras Presidency for the half-year ended 30th June 1881.

Sections of Canal.	Toll Fees.	HALF-YEAR ENDED 30TH JUNE 1881.						HALF-YEAR ENDED 31ST DECEMBER 1880.					
		Nature of Cargo.	Number of Boats.	Tonnage.	Ton Mileage.	Value of Goods.	Number of Passengers.	Number of Boats.	Tonnage.	Ton Mileage.	Value of Goods.	Number of Passengers.	Remarks.
1	2	3	4	5	6	7	8	4	5	6	7	8	
<i>Southern Canal.</i>													
Rs. A. P.													
1. A. or Sadras Section.	3,432 4 0	Salt	1,509	13,780	314,738	9,81,350	..	..	..	..	..	..	
	127 12 0	Food grains	99	878	26,130	14,249	..	..	..	..	..	..	
	5,038 12 0	Miscellaneous	3,904	26,781	249,207	90,980	..	..	..	..	..	..	
	1,036 8 0	Live Stock	1	6	252	10	..	..	..	..	..	..	250
Passengers													
Total of Section A ..													
Compounding tolls	9,705 4 0	..	7,865	52,835	810,161	10,86,639	48,499	..	..	..	..	..	
	150 0 0	..	..	..	..	..	..	..	..	..	..	..	
	903 0 0	..	..	..	..	..	..	..	..	..	..	..	
	10,758 4 0	..	..	..	..	..	..	..	..	..	..	..	
<i>Northern Canal.</i>													
2. B. or Madras Section.	5,930 12 0	Salt	932	23,723	3,76,704	15,88,523	..	..	..	..	..	..	
	994 0 0	Food grains	495	6,364	80,715	1,78,927	..	..	..	..	..	..	
	11,024 11 0	Miscellaneous	7,487	103,831	1,410,370	24,62,284	..	..	..	..	..	..	
	1,024 8 0	Live Stock	2	1,061	1,662	280	..	..	..	..	..	..	
Passengers													
Total of Section B ..													
3. C. or Royapuram Section.	18,973 15 0	..	11,096	158,332	2,399,900	42,20,014	28,419	..	..	..	..	..	
	792 0 0	Salt	..	..	..	..	..	..	..	..	..	..	
	4,180 9 0	Food grains	415	3,839	186,315	99,264	..	..	..	..	..	..	
	1 0 0	Miscellaneous	2,266	22,738	391,590	12,75,700	..	..	..	..	..	..	
Live Stock													
Passengers													
Total of Section C ..													
4. D. or Kintappattam Section.	5,864 1 0	..	3,430	37,930	834,610	13,76,284	10,685	..	..	..	..	..	
	368 4 0	Salt	..	..	..	..	..	..	..	..	..	..	
	2,960 2 6	Food grains	191	1,915	91,824	56,541	..	..	..	..	..	..	
	398 0 0	Miscellaneous	1,585	16,014	448,149	10,57,737	..	..	..	..	..	..	
Live Stock													
Passengers													
Total of Section D ..													
Total ..													
Deduct refunds after testing the Tonnage of Boats ..													
Grand Total ..													

6. E. or Rāmapattam Section.	126 0 0	Salt	..	..	..	..	..	..	..	..	..	..	..
	2,949 6 0	Food grains	55	622	23,512	28,814	..	..	..	..	..	..	..
	389 8 0	Miscellaneous	1,657	14,310	284,376	11,56,091	..	..	..	..	..	..	..
	3,464 14 0	Live Stock	269	2,383	121,990	..	4,770	..	..	..	..	..	..
		Passengers	1,881	17,315	429,878	11,84,905	4,770	..	..	..	..	..	..
		Total of Section E ..	22	293	1,580	10,202	..	..	..	..	..	..	..
6. F. or Kottappattam Section.	602 0 0	Food grains	160	2,515	116,226	72,260	..	..	..	..	..	..	..
	1,685 5 0	Miscellaneous	935	11,461	118,789	7,98,373	..	..	..	..	..	..	..
	127 4 0	Live Stock	..	1,103	135,844	..	1,833	..	..	..	..	..	..
		Passengers	97	1,103	135,844	..	1,833	..	..	..	..	..	..
		Total of Section F ..	1,214	15,372	372,439	8,80,835	1,833	..	..	..	..	..	..
Compounding Tolls	34,443 13 6	..	..	..	..	..	..	..	..	..	..	..	..
License Fees	3,380 0 0	..	..	..	..	..	..	..	..	..	..	..	..
Total, License and Toll Fees	49,589 9 6	..	..	..	..	..	..	..	..	..	..	..	..
Total, License and Toll Fees of Southern and Northern Canals	60,347 13 6	..	..	..	..	..	..	..	..	..	..	..	..
Add amount of License Fees collected in 1880 for 1881	261 0 0	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	60,608 13 6	..	..	..	..	..	..	..	..	..	..	..	..
Deduct refunds after testing the Tonnage of Boats ..	1,723 0 0	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total ..	58,885 13 6	..	..	..	..	..	..	..	..	..	..	..	..

CHEPAUK, 1881.

(Signed) R. R. E. DRAKE-BROCKMAN, Major, R.E.,
Executive Engineer, Buckingham Canal Division.

No. 183. ORDER THEREON, 30th September 1881, No. 2412 W.

WITH the letter above recorded the Superintendent of Works, Buckingham Canal, submits the traffic return of the canal for the half-year ended 30th June 1881.

2. The statement is prepared in the form approved by the Government of India, and adopted in the Irrigation Branch for recording the traffic on navigable canals in this Presidency.

3. The total receipts from Tolls and License Fees amounted to Rs. 60,347, being Rs. 2,194 less than the receipts of the preceding half-year, but exceeding those of the corresponding half of 1880 by Rs. 13,080. To the above total must be added Rs. 261, being collections in 1880 for 1881, but as Rs. 1,723 were refunded to boat-owners after testing the actual tonnage of their boats, the net receipts were left at Rs. 58,885. The Superintendent of Works anticipates that the collections of the second half of the current year will exceed those of the second half of 1880.

4. The following table exhibits the traffic on the canal as compared with the previous half-year :—

Period.	Number of Boats.	Tonnage.	Ton Mileage.	Value of Goods.	Number of Passengers.
Half-year ended 31st December 1880..	24,772	316,447	13,419,514	Rs. 33,39,965	18,051
Half-year ended 30th June 1881 ..	27,684	296,485	5,517,537	98,72,955	99,912
Increase	2,812	..	..	15,32,990	81,861
Decrease	..	19,962	7,901,977	..	..

5. Thus, while there was a considerable increase in the number of boats plying on the canal; in the value of the goods carried and in the number of passengers, there was a sensible decrease in the tonnage and ton mileage.

6. The results are on the whole considered satisfactory.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintendent of Works, Buckingham Canal.
" Board of Revenue.
" Revenue Department.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1881) Madras.
PUBLIC WORKS.

To
THE SUPERINTENDENT OF WORKS,
BUCKINGHAM CANAL,
&c., &c., &c.

Dated September, 30th.

Issued

Recd.

Encl.

G. O., 30th September 1881, No. 3412 W.

SEPTEMBER.

No. 182-183.

Buckingham Canal.—Orders on Traffic
Return for the half-year ended 30th June
1881, of the —

No. 1715

OFFICE OF THE SUPERINTENDENT OF WORKS,

BUCKINGHAM CANAL,

Chopra 12th September 1881.

From

THE SUPERINTENDENT OF WORKS,

BUCKINGHAM CANAL,

To

THE

Chief Engineer

P. W. Department, Madras

SIR,

Enclosure. /.

I have the honor to forward the
Traffic Return of the Buckingham Canal
for the half year ending 30th June 1881
prepared in the form printed in G.O.
No. 352-I. dated 19th June 1879, and as
desired in your Memorandum No. 155
dated 9th June last.

2. From the following statement
showing the Collection of Toll and
License fees for the past three half years
you will observe that the total receipts
during the half year under reference
exceed the total collections of the
corresponding period of the past year

by

by Rupees 13080 and I expect that the collections during the 2^d half of the year 1881 will in all probability exceed the collections of the 2^d half of the year 1880

Sections	Items	Half year ending 30 June 1880	Half year ending 31 Decr 1880	Half year ending 30 June 1881	Difference of Columns
1	2	3	4	5	6
Southern Section	Tolls	2992	10389	9705	6713
	License fees	617	569	1053	436
Northern Section	Tolls	3471	42856	34443	272
	License fees	9487	7727	15146	5659
Total Rs.		47267	62541	60347	13080

3. The plan of testing the tonnage of boats by actual experiment has effected a diminution of about 1100 tons on about 500 boats. thus tested since the rules for

So doing were passed by Government in August 1880. The fears entertained however by my predecessor in his letter dated 12th March 1881 embodied in Proceedings of Madras Government No. 906. Dated 4th April 81 have not, it will be seen, been realised. The increase in License fees is very apparent and may be owing to a large number of boatowners having compounded for the whole year, but this on the other hand does not appear to have affected the amount realised from tolls, which fact shows that more use has been made now than formerly of the Canal by those boats for which compounded licenses have not been taken out.

I have the honour to be
 Sir
 Your most obedient Servant
 Phelan. R. M. May Major &c
 Executive Engineer B. Canal Dist.

4.6. no 382 J. of 19 June 1879
" " 906 W. of 10 April 1881

From *C. J. No 5006*
THE SUPERINTENDENT OF WORKS,
BUCKINGHAM CANAL,

To
THE *Chief Engineer*
P. W. Dept. of Works

Dated *12th September 1881.*
Rev. 13
No. *1415*

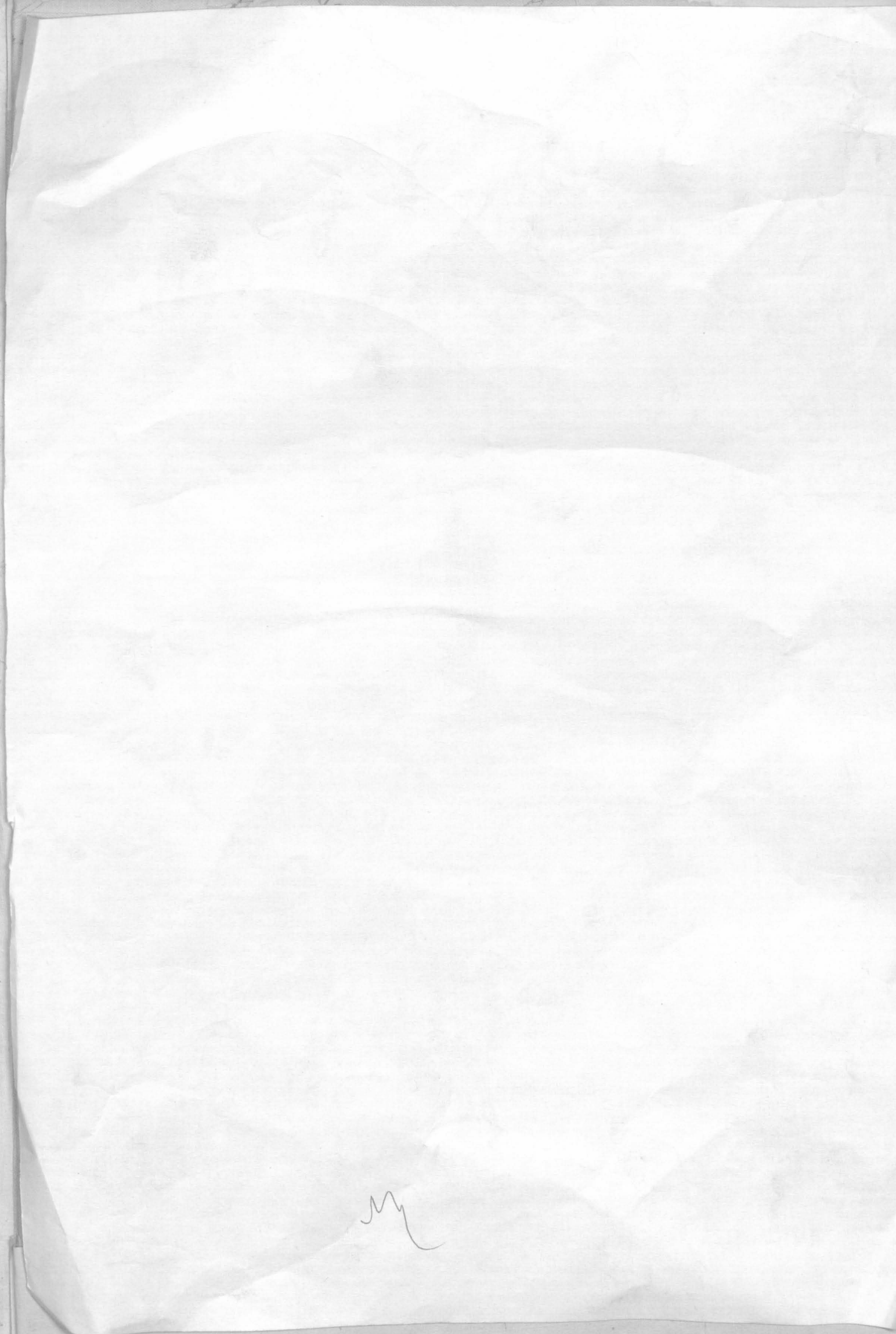
ENCLOSURE. *one.*

Traffic Return of the
Buckingham Canal for
the half year ending 30th
June 1881.

Submits with some
observations the

Oct 24. 9.
Nov 25. 9. 11. 11. 28. 9. 11.

Resubmitted 26. 21. 9. 11. 11. 30. 9. 11.
Q. 15. 9. 11. R 19/11/11. M. 28. 9. 11.



Statement of Traffic for the Buchanan Canal
for the Half year ended 30th June 1887.

Sections of Canal	Toll fees	Half year ended 30 th June 1887.				Half year ended 30 th June 1888.			
		Nature of cargo	Weight in tons	Value of cargo	Passengers	Nature of cargo	Weight in tons	Value of cargo	Passengers
1	2	3	4	5	6	7	8	9	10
<u>Southern Canal.</u>									
	34424.	Salt	1509	13750	314728	981350			
	13712.	Food grains	99	878	25130	14299			
For Ladros Section	503812.	Miscellaneous	3904	26761	249207	90980		5970	4347
	159.	Live stock	1	6	252	50			
	10818.	Passengers	2252	1111	221544	101773			
	97054.	Total of Southern	7865	52885	810161	1086639	48479		
Compounding Tolls	150								
Licence fee	903								
Total Licence & Toll fees	107584.								
<u>Northern Canal.</u>									
	593012.	Salt	962	25723	576704	1588523			
	994.	Food grains	495	6364	50716	178927			
For Madras Section	1102411.	Miscellaneous	7487	103831	1410370	2462284			
		Live stock	2	1061	1662	280			
	10248.	Passengers	2150	23353	530448	28419			
	1197315.	Total of Section B.	11096	158332	2399900	4230014	28419		

General, in the Madras Presidency.

received 31st Dec^r 1880.

James R.

No. of
 app. *See Billage Value of goods* Passengers

24 10/4/24 2/50/3 250

Compounding Tolls	3380 ..
License fees	11765 12 ..
Total License & Toll fees	49589 96

Total License & Toll fees of Southey & other towns	} 60347 13 6
Add amount of License fees collected in 1880 for 1881.	

Total	60608 13 6
deduct Repairs after testing the Engines of Boats	} 1723 ..

Grant Total	58885 13 6
-------------	------------

Executive Engineer's Office,
Buckingham Canal,
Shepan No. 12 September 1881.

Compared.
Plow
 12/9/81.

Price State - Merchants Mayor R.E.

Executive Engineer Brooklyn

Land Division.

1014	15392	372639	250835	1531
97	1103	158844	1133	
935	11461	118789	49373	
160	2515	116226	12260	
22	293	1580	10202	
1881	14315	429878	1154905	4770
269	2383	121990	4770	
1557	14310	284376	1156091	
55	622	23512	28814	
2098	20651	670549	1114278	5706
222	2722	130576	5706	
1585	18014	445149	1057737	
191	1915	91224	56541	
3430	31930	834610	1376284	10685
448	6309	226512	10685	
1	4	192	320	
2266	22725	591590	1276700	
415	3889	156316	99264	

18502 272970 12343908 1224952 19101

6. For Stationary Anchor.

2414 9.	Stationary	15372	372639	280835	1513
127 4.	Anchor	1103	138844		1133
1655 5.	Anchor	11461	118789	49373	
602 ..	Anchor	160	2515	116226	12260
22 ..	Anchor	293	1580	10202	

5. For Stationary Anchor.

3464 14.	Stationary	14315	429878	1184905	4770
389 8.	Anchor	2383	121990		4770
2949 6.	Anchor	14310	284376	1156091	
196 ..	Anchor	622	23512	28814	
26 ..	Anchor	2383	121990		4770

4. For Stationary Anchor.

3426 6.	Stationary	2098	20651	670549	1114278	5706
398 ..	Anchor	222	2722	180576		5706
2960 26	Anchor	1585	16014	445729	1057737	
368 4.	Anchor	191	1915	9124	56521	
5864 1.	Stationary	3430	31930	834610	1376284	10685

415	3889	18316	99264		
2266	22225	591590	1246700		
4	192				
748	6309	206512			10685

N^o 2412

PUBLIC WORKS DEPARTMENT.

civil works

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 30th Sept. 1881

Read the following:—

From the Suptt of Works }
McKingham Canal. } N^o 1415 of 12 Sept. 1881.

With the letter
above recorded, the
Suptt of Works McK-
ingham Canal submits
the traffic returns of the
Canal for the half
year ended 30 June 81
2. The statement is
prepared in the form
approved by the Govt
of India, and adopted
in the Irrigation
Branch for recording
the traffic on naviga-
ble Canals in this Pre-
sidency.

The

3. The total receipts from tolls and license fees amounted to \$60,347 being \$2,194 less than the receipts of the preceding half year, but exceeding those of the corresponding half of 1880 by \$13,080.20 the above total must be added \$26, being collections in 1880 for 1881, but as \$1723 were refunded to boat owners after testing the actual tonnage of their boats, the net receipts were left at \$58,885. The Comptroller of Works anticipates that the collections of the 2^d half of the

of the current year will exceed those of the 2^d half of 1880.
4. The following table exhibits the traffic on the Canal, as compared with the previous half year.

Period	No of Boats	Tonnage	Ton Mileage	value of Goods	No. of Passengers
Half year ended 31 Decr 1880	24,772	3,164,447	13,419,514	83,399,665	18,051
Half year ended 30 June 1881	27,584	2,964,485	5,517,537	98,722,955	99,912
Increase	2,812	"	"	15,322,990	81,861
Decrease	"	19,962	7,901,977	"	"

5. Thus, while there was a considerable increase in the number of boats plying on the Canal, in the value of the goods carried

Handwritten header text, possibly a date or reference number.

carried and ⁱⁿ the num-
ber of passengers,
there was a ^{single} ~~large~~
~~decrease~~ fall off in the
tonnage and ton
mileage.

6. The results are
to the whole
considered satis-
factory.

Ch Dr 21/9
Att
23/9/91

Handwritten notes and signatures, including 'C. R. W.' and 'H. M.'.

The Suptt of
Ponkingham Canal
Board of Rev. ✓
Revenue Dept ✓
paid
M 11-10-9

Oct 24. 9.
Inc: 25. 9. 81. Rt: 28. 9. 81.
Oct 21. 9. 81. M. 28. 9. 81.

5206

Govt. of (1881) Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G.O., 50 Sept 1881, No. 24126

Nos. 1825/83

Buckingham Canal

Order on
Traffic Return for the half
year ended 30th June 1881.
of the —

Subd. in Receipt Regt