Archives I—10,006—16-8 77.

(1) Number of pages ~~30~~ 30

(2) Date of repair 9-7-86

(3) Initials of the Referencer lons

# TAMIL NADU ARCHIVES

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## GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No. / B.P. No. 14. W

Press. / ~~Mis.~~

Dated 4-1-1878 ~~197~~.

*Not to be folded or roughly handled*

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

4th January 1878, No. 14 W.

**Buildings and Roads.**

**Civil Works.**

Read the following papers :—

No. 24. From the Hon. J. G. COLEMAN, to the Secretary to Government, Public Works Department, dated Madras, 6th December 1877.

THE serious encroachment of the sea to the north of the Harbour groyne threatens my house, and should there unfortunately be rough weather I much fear for its safety. I addressed the authorities on this subject last year, but the only steps taken were to repair the present existing groynes ; since then the Harbour groyne has prevented the usual accumulation of sand to the north and consequently on the current from the north setting in the encroachment has been very considerable.

Mr. Thorowgood's attention has been already drawn to it.

I therefore beg that steps may be at once taken to place my house in safety by throwing out other groynes between the existing ones, or such measures adopted as the Engineers may think necessary.

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No. 24-A. From F. N. THOROWGOOD, Esq., Superintendent, Madras Harbour Works, to the Chief Engineer, Public Works Department, Buildings and Roads Branch, dated Madras, 12th December 1877, No. 64-W.

I HAVE the honor to acknowledge the receipt of a letter from the Hon. J. G. Coleman to the Secretary to Government, Public Works Department, dated 6th December 1877, on which is endorsed a memorandum, No. 4,343, of the same date, by the Deputy Chief Engineer, asking me to report on the state of the sea encroahment in the neighborhood of Mr. Coleman's house.

2. I have recently examined all the coast from the North Pier of the Harbour to Cassemode, and am able to report that the places where the sea had encroached furthest during the south-west monsoon are now being filled up with sand brought by the waves from the north.

3. There has undoubtedly been serious encroachment of the sea in 1876 opposite Mr. Coleman's house, but I cannot see that the house is now in any danger of being destroyed or undermined.

4. I send herewith (on one sheet of tracing cloth) a plan and three sections, showing the comparative state of the beach now and in November 1876.

5. On referring to the plan it will be observed that the contour line of high water in last October is much farther from Mr. Coleman's wall than it was in June 1876, and consequently the house was in a more secure position in October 1877 than in June 1876. The present line of high water is nearly the same as it was in October 1877.

6. The cross sections taken on December 8th, 1877, all show that at the edge of the road there is no encroachment, but an accumulation since November 1876, although the slope of the shore is considerably steeper than at that time. Section G

shows a small portion of the line of shore in July 1876 (in a black dotted line), and there is evident accumulation since that date as shown in the same section for November 1876 and December 1877.

7. The beach near Mr. Coleman's house is now in so much more satisfactory a state than in June 1876 that I consider it hardly necessary to throw out an additional groyne, but I am of opinion that to do this would be preferable to lengthening the existing groynes as was done in 1876.

8. I have the honor to return the letter of the Hon. J. G. Coleman as requested by the Deputy Chief Engineer.

No. 25. ORDER THEREON, 4th January 1878, No. 14 W.

THE Government are glad to learn from the report of the Superintendent of the Madras Harbour Works, copy of which will be furnished to the Hon. Mr. Coleman, that there is no immediate danger to that gentleman's property from the encroachment of the sea. His Grace the Governor in Council does not therefore consider that any protective works are at present necessary.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the Hon. Mr. Coleman.
,, Superintendent, Madras Harbour Works.
,, District Engineer, Presidency.
,, Marine Department.

Exd. S. T. Austin.
Spare Copies

J G Coleman

BUILDINGS AND ROADS.
CIVIL WORKS.

# Govt. of (1878) Madras.

## PUBLIC WORKS.

To

Hon. Mr. COLEMAN,
&c., &c., &c.

Dated January 4th.

Issued

Recd. Exd.

G. O., 4th January 1878, No. 14 W.

JANUARY.

Nos. 24-25.

*Honorable Mr. Coleman's property at Madras.*—No protective works considered at present necessary for the safety of the from the encroachment of the sea.

---

W 1

Madras 6th December 1877.

14/3

To

The Chief Secretary to Government
Public Works Department
Fort St. George

Sir

The serious encroachment of the Sea to the north of the Harbour groin threatens my house and should there unfortunately be rough weather, I much fear for its safety. I addressed the Authorities on this subject last year, but the only steps taken were repair the present existing groins, since the the Harbour groin has prevented the usual accumulation of Sand to the North, and consequently on the current from the north setting in the encroachment has been very considerable.

Mr. Throughgood's attention has been already drawn to it.

I therefore beg that steps may be at once taken to place my house in safety by throwing out other groins between the existing ones or such measures adopted as the Engineers may think necessary.

I have the honor to be
Sir
Your most Obdt. Servt.
J. Coleman

No 12580

Recd 6 Dec: 77

No 4343

To the Supdt Madras Harbour Works who will be good enough to favor the Chief Engineer with an early report on the subject – returning this letter –

Depty Chief Engr

6.12.77.

6 Decr/77.

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P 2

14/1

No. 64W

From
THE SUPERINTENDENT,
MADRAS HARBOUR WORKS,

To
Colonel E. A. Foord R.E.
Chief Engineer P.W.D.
Buildings & Roads Branch

MADRAS, 12th December 1877.

Sir

I have the honor to acknowledge the receipt of a letter from the Honorable J. G. Coleman to the Secretary to Government Public Works Department dated 6th December 1877, on which is enclosed a memorandum No 4343 of the same date by the Deputy Chief Engineer asking me to report on the state of the sea encroachment in the neighborhood of Mr Coleman's house

2. I have recently examined all the coast from the North Pier of the Harbour to Cassemode, and am able to report that the places where the sea had encroached furthest during the South West monsoon are now being filled up with sand brought by the waves from the North.

3. There has undoubtedly been serious encroachment of the sea in 1876 opposite Mr Coleman's house, but I cannot see that the house is now in any danger of being destroyed or undermined.

4. I send herewith (on one sheet of tracing cloth) a plan and three sections shewing the comparative state of

of the beach now and in November 1876.

5. On referring to the plan it will be observed that the contour line of high water in last October is much farther from Mr. Coleman's wall than it was in June 1876, and consequently the house was in a more secure position in October 1877 than in June 1876. The present line of high water is nearly the same as it was in October 1877.

6. The cross sections taken on December 8th 1877 all shew that at the edge of the road there is no encroachment, but an accumulation since November 1876, although the slope of the shore is considerably steeper than at that time. Section G' shews a small portion of the line of shore in July 1876 (in a black dotted line), and there is evident accumulation since that date as shewn in the same section for November 1876 and December 1877.

7. The beach near Mr. Coleman's house is now in so much more satisfactory a state than in June 1876, that I consider it hardly necessary to throw out an additional groyne, but I am of opinion that to do this would be preferable to lengthening the existing groynes as was done in 1876 —

8. I have the honor to return the letter of the Honble. J. G. Coleman as requested by the Deputy Chief Engineer.

I have the honor to be
Sir
Your Most Obedient Servant

F. N. Henwood.

Superintendent M. H. Works

Cn 24-12-77

Pla
Cha

be they were
simply pu
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~~18~~

lose of the ~~Month.~~ period

ABSTRACT OF INVOICES.

| Name. | Particulars. | | | Amount. |
|---|---|---|---|---|
| of Saxony | Iron | £ 124. 3. 10 | a | |
| | " | 260. 15. 4 | b | |
| | " | 329. 19. 9 | c | |
| | " | 227. 14. 6 | d | |
| | " | 105. 2. 6 | e | |
| | Freight | 197. 7. 3 | f | 1245 3 2 |
| cer | Iron | £ 111. –. 4 | g | |
| | Freight | 25. 6. 4 | h | 136 6 8 |
| India | Plate bending machine | £ 315. –. – | i | |
| | Freight | 4. 9. 5 | j | 319 9 5 |
| (ddn) | Stowage charges | | k | 1 11 4 |
| ear | Screw cutting lathe | £ 183. 10. – | l | |
| | Freight | 21. –. – | m | 204 10 – |
| e uninvoiced on 30 Septr. 1877 | | | | 98 13 8 |
| | | | | £ 2.005 14 3 |

14
6

Statement of Payments made in England on account of Stores and Freight Dowlaishwarum Workshops.
and of Invoices despatched to India, ~~during the Month of~~ from 1st January to 30 September 1877, showing the Balance of Expenditure uninvoiced at the commencement and close of the ~~Month~~ period

## ABSTRACT OF PAYMENTS.

| Date of Payment. | | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|---|
| 1877 | | | | | | | |
| January | 27 | Jukes & Co | Iron | C.W. 31.5.76 | a | 124 3 10 | Kingdom of Saxony |
| | | " | " | | b | 260 15 4 | " |
| February | 21 | | " | " | c | 329 19 9 | " |
| March | 6 | J. Watson & Co | " | " | d | 227 14 6 | " |
| | 21 | Jukes & Co | " | " | e | 105 2 6 | " |
| | 22 | Gosman & Smith | Freight | | f | 197 7 3 | " |
| April | 24 | Jukes & Co | Iron. | " | g | 111 . 4 | Sea Queen |
| May | 17 | Hunt & Lacre | Plate bending machine | 9.8.76 | i | 315 | British India |
| | 12 | Gosman & Smith | Freight | | h | 25 6 4 | Sea Queen. |
| | 23 | Gellatly & Co | " | | j | 4 9 5 | British India |
| July | 10 | E. Nelson. | Stowage | | k | 1 11 4 | " |
| Sept | 14 | Muir & Co | Screw cutting lathe. | " | l | 183 10 . | Kashgar |
| | 21 | Gosman & Smith | Freight | | | 98 13 8 | |
| | 28 | Escombe B.W. & Co | " | | m | 21 . . | " |
| | | | | £ | | 2.005 14 3 | |

## ABSTRACT OF INVOICES.

| Date of Invoice. | Ship's Name. | Particulars. | | | Amount. |
|---|---|---|---|---|---|
| 1877 | | | | | |
| March 2 | Kingdom of Saxony | Iron<br>"<br>"<br>"<br>"<br>Freight | £ 124.3.10<br>260.15.4<br>329.19.9<br>227.14.6<br>105.2.6<br>197.7.3 | a<br>b<br>c<br>d<br>e<br>f | 1245 3 2 |
| May 11 | Sea Queen | Iron<br>Freight | £ 111.–.4<br>25.6.4 | g<br>h | 136 6 8 |
| June 1 | British India | Plate bending machine<br>Freight | £ 315 –.–<br>4.9.5 | i<br>j | 319 9 5 |
| 22 | " (Addl) | Stowage charges | | k | 1 11 4 |
| Sept 28 | Kashgar | Screw cutting lathe<br>Freight | £ 183.10.–<br>21.– | l<br>m | 204 10 – |
| Balance of expenditure uninvoiced on 30 Septr 1877 | | | | | 98 13 8 |
| | | | | | £ 2.005 14 3 |

India Office.
13th November 1877
HCP

H.S.W. Keith
Accountant

B/R 2336

Copy for Mr Johnston

Dowlaishwaram Workshops.

STATEMENT of PAYMENTS made in ENGLAND on account of STORES and FREIGHT, and INVOICES despatched to INDIA, ~~during the Month of~~ from 1st January @ 30 September 1877 187

14/138

STATEMENT OF PAYMENTS made in ENGLAND on account of STORES and FREIGHT Famine in Madras – Expenditure consequent on from 1st March 1877 to 30 Sept 1877, showing the BALANCE OF EXPENDITURE uninvoiced at the commencement and close of the ~~Month~~ period.
and of INVOICES despatched to INDIA, ~~during the Month of~~

## ABSTRACT OF PAYMENTS.

| Date of Payment. | | To whom paid. | Particulars. | No. and Date of Indent. | | Amount. | Ship's Name. |
|---|---|---|---|---|---|---|---|
| 1877 | | | | Tel 16.2.77 | a | 503 13 9 | Khedive |
| March | 29 | Dukes & Co | Pickaxes & mamotties | " | b | 677 15 . | Bokhara |
| April | 9 | " | Mamotties | " | c | 65 6 3 | " |
| | | " | " | | d | 18 4 . | Khedive |
| | 17 | J & R Grant | Freight | | e | 73 5 5 | Duke of Lancaster |
| | 23 | " | " | | f | 39 4 9 | Bokhara |
| | 27 | " | " | | g | 93 15 | Hydaspes |
| May | 1 | Dukes, Coulson & Co | Pick axes | " | h | 172 8 9 | |
| | | " | Mamotties | " | | 275 . | City of Mecca £201.13.4 i<br>Hydaspes 36.13.4 i |
| | 7 | " | Bill hooks | " | | 322 18 4 | Duke of Devonshire 129.3.4<br>City of Mecca 193.15. k |
| | | " | Hammers | " | l | 87 10 . | Duke of Devonshire |
| | 8 | " | Pick axes | " | | 78 6 8 | Hydaspes £42.3.4 m<br>City of Mecca 36.3.4 n |
| | | Buck & Hickman | Hammers | | o | 72 8 4 | Hydaspes |
| | | " | " | " | p | 406 1 . | Bokhara |
| | | " | Pickaxes &c | " | q | 1840 5 2 | Hydaspes |
| | | " | Mamotties | " | r | 1 19 8 | " |
| | | Gordon & Co | Hammers | " | s | 594 19 2 | |
| | | " | " | " | | 787 10 | City of Mecca £268.17.6 t<br>Hydaspes 518.12.6 u |
| | 12 | E. Atwell | Mamotties &c | " | v | 117 17 8 | City of Mecca |
| | 22 | Buck & Hickman | " | | w | 17 13 6 | Duke of Devonshire |
| | 5 | J & R Grant | Freight | | x | 111 18 3 | Hydaspes |
| | | " | " | " | | 727 4 1 | Duke of Devonshire £461.8.8 y<br>Hydaspes 171.5.– z<br>City of Mecca 76.2.9 1<br>Do 18.7.10 2 |
| | 26 | P & W. MacLellan | Hammers. | " | 3 | 19 17 6 | Khedive (Addl) |
| | 29 | Gordon & Co | " | " | | 29 2 . | Duke of Devonshire 28.10.– 4<br>Do (Addl) –.12.– 5 |
| | | " | " | | 6 | 6 9 2 | City of Mecca |
| June | 1 | Dukes & Co | " | | | 85 8 4 | |
| | 4 | Paymaster General | Departmental expences in connexion with pickaxes | " | 7 | 23 10 10 | |
| | 1 | J & R Grant | Freight | | | 3 3 | Bokhara £–.8.– 8<br>Hydaspes –.8.– 9<br>Khedive (C) –.6.– 11 |
| July | 16 | Buck & Hickman | Casks for packing hammers | | | 50 10 11 | |
| Sept | 10 | East & Son | Pickaxe helves | | | 12 2 12. | |
| | | | | | | £ 7.325 13 6 | |

## ABSTRACT OF INVOICES.

| Date of Invoice. | | Ship's Name. | Particulars. | | Amount. |
|---|---|---|---|---|---|
| 1877 | | | | | |
| March | 23 | Duke of Lancaster | Pickaxes<br>Freight | £ –.–.–<br>73.5.5 e | 73 5 5 |
| April | 20 | Khedive | Mamotties<br>Hammers<br>Freight | £ 503.13.9 a<br>–.–.–<br>18.4.– d | 521 17 9 |
| | 27 | Bokhara | Mamotties<br>"<br>Casks for do<br>Freight | £ 406.1.– p<br>677.15.– b<br>65.6.3 c<br>–.8.– 8<br>39.4.9 f | 1188 15 – |
| May | 4 | Duke of Devonshire | Hammers<br>"<br>Pickaxes<br>Hammers<br>Freight<br>Packing | £ 461.8.8 y<br>28.10.– 4<br>87.10.– l<br>129.3.4 k<br>17.13.6 w<br>9.12.– 12 | 733 17 6 |
| | 18 | Hydaspes | Hammers<br>"<br>Bill hooks<br>Mamotties &c<br>Hammers<br>Pickaxes<br>Mamotties<br>Casks for Hammers<br>Freight<br>Packing | £ 171.5.– z<br>42.3.4 m<br>72.8.4 o<br>36.13.4 i<br>518.12.6 u<br>1840.5.2 q<br>594.19.2 s<br>1.19.8 r<br>93.15.– g<br>172.8.9 h<br>2.8.– 9<br>111.18.3 x<br>4.8.– 12 | 3.642 19 6 |
| | 25 | City of Mecca | Hammers<br>Bill hooks<br>Hammers<br>"<br>"<br>"<br>"<br>Mamotties &c<br>"<br>Freight<br>Packing | £ 193.15.– k<br>201.13.4 i<br>36.3.4 n<br>76.2.9 1<br>6.9.2 6<br>16.17.6 2<br>1.10.4<br>–.–.–<br>268.17.6 t<br>117.17.8 v<br>23.10.10 7<br>7.17.– 12 | 950 14 3 |
| June | 1 | Khedive (Addl) | Hammers<br>Packing | addl £19.17.6 3<br>–.15.– 12 | 20 12 6 |
| | | Duke of Devonshire (Addl) | " | 5 | 12 . |
| | | Hydaspes (C) | Casks for do. uninvoiced | 10 | 6 . |
| | | Bokhara (C) | " | 8 | 1 . |
| Balance of Expenditure uninvoiced on 30 Sept 1877 | | | | | 172 12 7 |
| | | | | | £ 7.325 13 6 |

India Office
13th November 1877

Famine in Madras. Expenditure consequent on.

STATEMENT of PAYMENTS made in ENGLAND on account of STORES and FREIGHT, and of INVOICES despatched to INDIA, ~~during the Month of~~ from 1st March 1877 to 30 September 1877.

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P. W. Dept.

Hr Works

14

No: 14 W

Proceedings of the Madras Govt.
under date the 4th January 1878.

Read the following

From the Honble Mr Coleman dated 6th Decr 1877
" " Supt M. H. Works – No 64 W d/12 " "

The Govt are glad to learn from ~~Th~~ The report of the Superintendent of the Madras Harbour Works a copy of which will be furnished to the Honble Mr Coleman ~~at once~~ that there is no immediate danger to ~~Mr Coleman's~~ that gentleman's property ~~by~~ from the encroachment of the sea ~~[due evidently to natural causes]~~. His Grace the Governor in Council does not therefore consider that any protective works are at present necessary.

EAT 24/12

J. H.

WB 24/12

I would omit what I have marked. It is open to question.

I confess to miss

Giving above the:

Honble Mr Coleman ✓ 3
Supt M. H. Works ✓
Dr. Presidency ✓
Marine Dept ✓

36

7/7

Despd. 5-3-78

R.S.

12880
Cir to 12871

Govt. of {1877} Madras

PUBLIC WORKS.

To Honorable Mr Coleman

Dated

Issued

Recd. Encl.

G. O. 4 Jany 1878, No. 14 W.

Nos. 24 - 25

Hon'ble Mr Coleman's property at Madras

No protective works considered at present necessary for the safety of the — from the encroachment of the sea.

Entd. in Regr.

24 - 25