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# MADRAS RECORD OFFICE

Government of Madras

*Public Works* DEPARTMENT

|          |         |               |
|----------|---------|---------------|
| G.O. No. | 3253    | Press         |
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| Dated    | 13 - 11 | 1875<br>-195- |

Not to be folded or roughly handled

No. 325. Read the following letter from Colonel F. J. MOBERLY, R E,  
Superintending Engineer, Chingleput, to Major-General G. W. WALKER,  
R E, Secretary to Government, Public Works Department, dated Guindy,  
5th November 1875, No 3,272 —

swept away by any act of the Department of Public Works.

3 As to the future, I would observe that our difficulty is not at all in discharging flood-water—the Cortehar will get out without any assistance from us—our object is to keep the mouths open as long as possible for the supply of sea water in the hot weather to the large area of salt pans, and to the canal by which the manufactured salt is conveyed to Madras

5 I executed a work like this in Cocanada in 1853, and the river has never been closed since. We have a very much larger tidal basin at Ennore than we have at Cocanada. In 1857, the cut opened at the southern extremity of the Pulicat channel by me shifted very slowly to the north; and some years, I am told, passed before it reached the mainland and fairly closed.

7. The bar has been closed this year, although it was very fairly scoured in 1874. We must expect, unless we have heavier rain than appears likely, great difficulty next year in the supply of salt water, and this difficulty will be very much increased if we leave the river to break out at the north end or even midway, the strong south current will probably shut it in a few weeks.

ORDER THEREON, 13th November 1875, No 3,253

CIVIL WORKS, No 22

THE Superintending Engineer, Chingleput, may be right in stating that the cut as laid out by him is entirely within river limits, but he admits that in heavy floods the river is liable to cut even south of the

Proceedings of the Madras Government, Public Works Department,  
13th November 1875.

passage he would desire it to take. He states further that there is no difficulty at all in discharging flood water, which makes its way out unaided. Under these circumstances, His Excellency the Governor in Council would prefer that the cut be made sufficiently clear of Messrs Binny and Co.'s premises as not to be likely to work back as far as their boundary.

2 The Revenue Survey Map, forwarded by Messrs Binny and Co., shows two mouths to the back-water. If they are both due to artificial cuts, a great mistake has been committed, and every endeavour should be made to maintain but one. And an attempt may be made, if funds are available, to keep it from shifting by roughly revetting its southern bank. That it can ever be permanently kept open is improbable.

(True Extract)

Major-General, R.E.,  
Secretary to Government

To the Superintending Engineer, Chingleput  
To Messrs Binny and Co., Madras

No 3272. Chingleput Supg Engrs Office  
Friday 5 November 1875

From  
The Superintending Engineer  
Chingleput District

To  
The Secretary to Government  
Department Public Works

Enc:  
1 Plan

Sir,  
In reply to G.O. No 2988 of 24th ultimo, I have the honor to observe that Messrs Binny & Co. are in error in stating that the bungalow at Bunnore was swept away by any act of the Department Public Works.

2 The fact that its foundations were badly undermined was noticed by more than one person in April 1874; and I understand that part of the building was washed away even before that; moreover the cut which was made at the south end to discharge the early freshes of last year was entirely closed before September, and

the heavy floods broke through the bar in midstream; and ~~at~~ their way down even beyond my line. I doubt if even the unusual flood of 1874 would have destroyed a sound building.

3 As to the future I would observe that our difficulty is not at all in discharging flood water. the Cortelias will get out without any assistance from us. our object is to keep the mouths open as long as possible for the supply of sea water in the hot weather to the large area of salt pans, and to the Canal by which the manufactured salt is conveyed to Madras.

4 My experience shows that if we open well to the south the action of the sea is much delayed in closing the mouth. I believe that a jetty in prolongation of the right bank, carried out far enough to screen the mouth from the surf, would enable us to keep this river open through the year.

5 I executed a work like this in <sup>1853</sup> ~~1854~~ <sup>1855</sup> ~~1856~~ <sup>1857</sup> ~~1858~~ <sup>1859</sup> ~~1860~~ <sup>1861</sup> ~~1862~~ <sup>1863</sup> ~~1864~~ <sup>1865</sup> ~~1866~~ <sup>1867</sup> ~~1868~~ <sup>1869</sup> ~~1870~~ <sup>1871</sup> ~~1872~~ <sup>1873</sup> ~~1874~~ <sup>1875</sup> ~~1876~~ <sup>1877</sup> ~~1878~~ <sup>1879</sup> ~~1880~~ <sup>1881</sup> ~~1882~~ <sup>1883</sup> ~~1884~~ <sup>1885</sup> ~~1886~~ <sup>1887</sup> ~~1888~~ <sup>1889</sup> ~~1890~~ <sup>1891</sup> ~~1892~~ <sup>1893</sup> ~~1894~~ <sup>1895</sup> ~~1896~~ <sup>1897</sup> ~~1898~~ <sup>1899</sup> ~~1900~~ <sup>1901</sup> ~~1902~~ <sup>1903</sup> ~~1904~~ <sup>1905</sup> ~~1906~~ <sup>1907</sup> ~~1908~~ <sup>1909</sup> ~~1910~~ <sup>1911</sup> ~~1912~~ <sup>1913</sup> ~~1914~~ <sup>1915</sup> ~~1916~~ <sup>1917</sup> ~~1918~~ <sup>1919</sup> ~~1920~~ <sup>1921</sup> ~~1922~~ <sup>1923</sup> ~~1924~~ <sup>1925</sup> ~~1926~~ <sup>1927</sup> ~~1928~~ <sup>1929</sup> 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great difficulty next year in the supply  
of salt water, and this difficulty will  
be very much increased if we leave the  
river to break out at the north end, or  
even midway. the strong south current  
will probably shut it in a few weeks.

I have the honor to be

Sir

Your most obedient servant

A. H. B. C. Colonel R. B.

Superintending Engineer

Chingleput

Copied of S.O. No. 325 of 10<sup>th</sup> Nov.  
to Rev. Dept. 13(2)  
and return to the Office  
of the D. of Rev. The  
papers Mr. Stokes send  
me -



9B.

List of Papers returned to the Office  
of the B<sup>d</sup> of Revenue regarding the  
Emure Bar -

One Letter from Messrs Binny & Co. to the  
B<sup>d</sup> of Rev: of 21<sup>st</sup> June 1875 -

One do - from the S Encl: Chin Lepur  
to the Collector of Chin Lepur  
N<sup>o</sup> 3582 - 22<sup>d</sup> Jan'y/75 -

One do from the Collector of Chin Lepur  
N<sup>o</sup> 110 - 12 March/75 to the  
Secy to the B<sup>d</sup> of Rev -

One Proceedings of the B<sup>d</sup> of Rev: N<sup>o</sup> 878 of  
10 April/75 -

One Draft Order of the Board N<sup>o</sup> 1243  
of 4<sup>th</sup> June 1875 -

Returned 17 Novr/75 -

G.O. 26 Oct 75 No 3458346

P. W. 1895 Sept.  
From No. 7148  
The Sup. Engineer  
Chungking Dt

To The Secretary to Govt.  
P. M. Dept.

Dated 5<sup>th</sup> Nov 1875  
Recd. f. j.

E. 1. No. 3272

Submits report  
regarding Messrs. Biny  
& Co. Enclosure at  
Emmou which is said  
was swept away by  
the encroachment of  
the sea.

C. 6. 11. 75.

G.O. No 3253 . 13-11-75

No 3253 d. 13 Nov 75

The Sup. Eng. Chungking  
may be right in stating  
that the cut as laid  
out by him is entirely  
within river limits;  
but he admits that in  
heavy floods the ri-  
ver is liable to cut  
even within the  
passage he would de-  
sire it to take. He  
states further that  
there is no difficulty  
at all in discharging  
flood water, which  
makes its way out  
unaided. Under  
these circumstances  
H.S. The S. M. C. would  
prefer that the cut  
be made sufficient  
by clear of Messrs.  
Biny & Co. premises  
as not to be likely  
to be cut off.

to work back as far as  
their boundary.

The Revenue Survey  
Map provided by the  
Sanborn Map Company  
No. shows two months  
to the backwater - If  
they are both due to  
artificial cuts a great  
mistake has been com-  
mitted and every  
suggestion should be  
made to maintain  
but one. And an  
<sup>attempt</sup> ~~suggestion~~ may be  
made, if funds are  
available, to keep it  
from shifting by  
regularly re-cutting its  
southern bank. That  
it can ever be perman-  
ently kept open is  
improbable -

J. Eng. Chas. G. Put

Mass. Bureau of Geol. with one sketch -  
Revenue Section Dep. 17-11-75

C. W. M.

6.11.75

248

Govt. of 1875: *Quadrac.*  
PUBLIC WORKS.

<sup>10</sup> *Supr. Engr. Chingleput*

*13/11/75*

Dated

Issued

By

Encl

G. O. *18th Nov* 1875, No 3253

No. 3253

Ennore Bar - *Distinction*  
*on the explanation afforded*  
*by the Supr. Engineer, Chingle*  
*-put regarding the cutting of*  
*the — at Southern point*