

(1) Number of pages 20

(2) Date of repair 19. 2. 1872

(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.
B.P. No.

749

Press
Mis.

Dated

19. 2. 1872

197-

Not to be folded or roughly handled

No. 3678.

CHINGLEPUT SUPERINTENDING ENGINEER'S OFFICE,
Camp Cholaeray,
SAINT THOMAS MOUNT, 23 January 1877.

Despatch

FROM

THE SUPERINTENDING ENGINEER,

Chingleput.

TO

The Secretary to Government
Department Public Works

Enc:

1 Plan

SIR,

I have the honor to forward plan
x to be returned and sections of the Ennore river near
its mouth, estimate for which was
sanctioned in G. O. No. 1213 of 16th May
1876.

2. I would call attention to its
condition in the direction of the
outlet channel proposed by me,
and of that at which it was cut in
1876 agreeably to G. O. No. 3416 of 1st Decr
1875 there is now very little water North
of F.G. and consequently it is much more
difficult and expensive to keep open
a channel at H. than it would be at I.

I do not hesitate to repeat
that Messrs Birney and Co. have no
claim on Government for the injury done
to their house. Its foundations had
been washed away long before the
flood of 1874. It was built in a mist

Called ruined
Birney's house
at Ennore

exposed situation and the remains of ~~work~~ made at different times to protect it are, or were till lately, plainly visible.

4. In any case it would be better economy to pitch the bank of the river round their property, and to cut the bar at its South mouth extremely than to attempt again to open the river where the tide water can have no good effect.

5. I would urge early consideration of the subject as, judging from the experience of last year, we may very shortly have to open the bar in the interest of the Salt Revenue.

6. I propose to run a stone groyne from the beach at the South side of the cut into the sea as far as 2 ft. depth below Low Water mark to protect the outlet from the blow of the surf wave; the beach up to the Salt Kotar should be covered with casuarina trees, screen pine, and any other plants, and creepers that will grow, and prevent the passage of sand when the South wind is blowing. I am of opinion that a jetty on the left bank is

not

not necessary.

7. If the experiment be considered doubtful I would ask to be allowed to try it at Conelong where a reef of rock requires only raising and lengthening and where there is abundance of stone handy.

8. If Conelong bar can be kept open we may fill the Adyar basin, and through the junction can to the Coorn, as the long prevailing South wind will drive it up in that direction.

9. If the experiment succeed at Conelong I see no reason why the plan should not answer at Ennore and still better at Pulicat where the lake affords a very large tidal basin.

10. The Cocanada channel has been retained in the same place as I cut it in 1873. The Suez canal is worked on the same principle, and, on a still larger scale, the Mississippi.

11. In every case of rivers on this coast I believe that it is important to open the channel as far South as possible and to maintain it there. the tendency of the current and of the wind-borne sand being to shift the mouth to the North. The

tidal ebb and flow will generally
sear along the face of the groynes
which turns the sea current into
deeper water. this groyne will in the
course of time need to be lengthened
as the deposit increases.

P.W.D.

FEB 77

NO. 1031

I have the honor to be

Sir

Your most obedient servant

J. Lubbock

Colonel McC

Super Engineer Chief Dept

Ms. 196/77

Nov. 10/77/77

Copy of letter from the Superintending

4.6/10 "Sept 75" - 3416
 "16 May 76" - 1213
 "21 Aug 76" - 2195
 "21 Sept 76" - 2534

P.W.D.
 1 FEB 77
 103

Placed 23rd
 Dec 29
 Recd 13 Aug 1877
 No. 3678.
 Reports on the
 present state of
 the Ennore River
 with reference
 to the best mode
 of 1876 - 1877
 30 Sept 77

The Chief Engineer
 P.W.D.
 Mr. Decy. to Govt.
 P.M. Dept.

Copy of letter from the Superintending
 Engineer, Chingleput, to the Secretary
 to Government Public Works Dept.
 Camp, Chotaniwar, dated 23rd January
 1877 No. 3678.

I have the honor to forward
 plan and sections of the Ennore River
 near its mouth; estimate for which
 was sanctioned in G.O. No. 1213 of 16th
 May 1876.

2. I would call attention to
 its condition in the direction of the
 outlet channel proposed by me, and
 of that at which it was cut in 1876
 agreeably to G.O. No. 3416 of 14 December
 1875 there is now very little water
 North of St. J. and consequently it
 is much more difficult and expensive
 to keep open a channel at St. than
 it would be at E.

3. I do not hesitate to repeat that
 Messrs

Messrs Binny and Co have no
claim on Government for the
expense done to their house. Its
foundations had been washed
away long before the flood of
1874, it was built in a most
exposed situation and the remains
of efforts made at different
times to protect it are, or were
till lately plainly visible.

4. In any case it would be better
economy to pitch the bank of the
river round their property, and
to cut the bar at its southern
most extremity, than to attempt
again to open the river where
the tide water can have no
good effect.

5. I would urge early consideration
of the subject as judging from the

249
the experience of last year, we
may very shortly have to open
the bar in the interest of the Salt
Revenue.

6. I propose to run a stone groyne
from the beach at the south side of
the cut into the sea as far as 2 feet
depth below Low water mark to
protect the outlet from the blow
of the surf wave; the beach up to
the salt kotar should be covered
with casuarina trees, screw pine,
and any other plants, and creepers
that will grow and prevent the
passage of sand when the South
wind is blowing. I am of opinion
that a jetty on the left bank is
not necessary.

7. If the experiment be considered
doubtful I would ask to be allowed
to

to try it at Covelong where a
reef of rock requires only raising
and lengthening and ^{etc.} where there
is abundance of stone handy.

8. If Covelong bar can be kept
open, we may fill the Adyar basin
and through the junction canal
the Coovim, as the long prevailing
South wind will drive it up
in that direction.

9. If the experiment succeed
at Covelong I see no reason why
the plan should not answer
at Ennore, and still better at
Pulicat where the lake affords
a very large tidal basin.

10. The Canadiana channel has
been retained in the same place
as I cut it in 1873. The Suez canal
is worked on the same principle
and,

and, on a still larger scale the
Mississippi.

749/5

11. In every case of rivers on this
coast I believe that it is important
to open the channel as far South
as possible and to maintain it
there, the tendency of the current
and of the wind-borne sand being
to shift the mouth to the North,
the tidal ebb and flow will generally
scour along the lee face of the
groynes which turns the sea current
into deeper water, this groyne will
in the course of time need to be
lengthened as the deposit increases.

(True copy)

W. H. R. R.
Registrar

W. H. R.

Revenue Department

Proceedings of the Board of Revenue
Dated 16th February 1877.

Read Proceedings of the
Madras Government Revenue
Department, dated 8 February 1877
No. 685 communicating for early re-
port endorsement of Secretary to
Govt. W. W. D. on Chief Agent Superintend-
ing Engineer's letter as to the necessity
of opening the Ennore bar for
the purposes of salt manufac-
ture and improving the naviga-
tion of the canal.

Referred to the Collector
of Chief Agent for early report.

2. It seems to the Board
very necessary that the Ennore bar
should be kept open for purposes
of salt manufacture and the
Collector has recently reported that

Enclosure in C. 556 1346

B 14-2-77 A. 749

This is being done by the Last De-
puty Collector at a cost of Rs 3-
per diem. (True Extract)

1/2 of B. C. Gallon
Asst. Secretary

To The Collector of Chingpiat
with Plans to be returned
(True Copy)

B. C. Gallon
Asst. Secretary

To The Secretary to Government
Revenue Dept.
with original letter of Sup. Dy.
Eng. of 23 January 77
No. 3678.

24/1/77 PM 2

Copy

Communicated to the Public
Hydr. Department with reference to
understanding at that Dep. & dated 3^d instant
No 237

19-2-77.

20 To the P. W. D. printed of 2/16-3/71
14 The 1st of August

Ind copy sent to the P. M. D. 20-2-77

communicating
the calls of Christians
for early repentance
And regarding the
necessity of joining
the Church for
the purpose of
self-improvement

Proceeding of the
 Board of Finance
 27th February 1897
 Days 16 - " - "
 Budget 19 - " - "
 8.1.

Ms. A. 9.2. 1877
Ms. A. 9.2. 1877

Proceedings of the Madras Government, Revenue Department,
19th February 1877.

No. 621. Read the following Proceedings of the Board of Revenue, dated 16th February 1877:—

February 1877:—
Read Proceedings of the Madras Government, Revenue Department, dated 6th
February 1877, No. 685.

ABSTRACT.—Communicating, for early report, endorsement by Secretary to Government Public Works Department, on a letter from the Deputy Superintending Engineer's letter, as to the necessity of opening the Ennore Bar for the purposes of salt manufacture and improving the navigation of the canal.

ENCLOSURE No. 1.

From the Superintending Engineer, Chingleput, to the Secretary to Government, Public Works Department, dated Cholaveram, 23rd January 1877, No. 3,678.

I HAVE the honor to forward plan and sections of the Ennore river near its mouth, estimate for which was sanctioned in G.O., No. 1,213, of 16th May 1876.

2. I would call attention to its condition in the direction of the outlet channel proposed by me, and of that at which it was cut in 1876, agreeably to G.O., No. 3,416, of 1st December 1875. There is now very little water north of FG and consequently it is much more difficult and expensive to keep open a channel at K than it would be at E.

3. I do not hesitate to repeat that Messrs. Binny & Co. have no claim on Government for the injury done to their house. Its foundations had been washed away long before the flood of 1874; it was built in a most exposed situation, and the remains of efforts made at different times to protect it are, or were till lately, plainly visible.

4. In any case, it would be better economy to pitch the bank of the river round their property, and to cut the Bar at its southernmost extremity than to attempt again to open the river where the tide water can have no good effect.

5. I would urge early consideration of the subject as, judging from the experience of last year, we may very shortly have to open the Bar in the interest of the salt revenue.

6. I propose to run a stone groyne from the beach at the south side of the cut into the sea as far as 2 feet depth below low water-mark, to project the outlet from the blow of the surf wave. The beach up to the Salt Cotaar should be covered with Casuarina trees, Screw Pine, and any other plants, and creepers that will grow and prevent the passage of sand when the south wind is blowing. I am of opinion that a jetty on the left bank is not necessary.

9. If the experiment succeed at Covelong, I see no reason why the plan should not answer at Ennore, and still better at Pulicat where the lake affords a very large tidal basin.

10. The Cocinada channel has been retained in the same place as I cut it in 1873. The Suez Canal is worked on the same principle, and on a still larger scale the Mississippi.

11. In every case of rivers on this coast I believe that it is important to open the channel as far south as possible, and to maintain it there, the tendency of the current and of the wind-borne sand being to shift the mouth to the north. The tidal ebb and flow will generally scour along the lee face of the groyne which turns the sea current into deeper water; this groyne will in the course of time need to be lengthened as the deposit increases.

Proceeding

of the Madras Government, Revenue Department,
19th February 1877.

REFERRED to the Collector of Chingleput for early report.

2. It seems to the Board very necessary that the Ennore Bar should be kept open for purposes of salt manufacture, and the Collector has recently reported that this is being done by the Salt Deputy Collector at a cost of Rs. 3 per diem.

(True Copies and Extract.)

(Signed)

ALTON,
Acting Sub-Secretary.

No. 622.

ORDER THEREON, 19th February 1877, No. 749.

Separate Revenue, No. 37.

Salt.

COMMUNICATED to the Public Works Department with reference to endorsement in that department, dated 3rd instant, No. 237.

(True Extract.)

(Signed)

D. F. CARMICHAEL,
Secretary to Government.

To the Public Works Department.
,, the Board of Revenue.

Exd. F. R. Bantleman.

Bobt. of 1877 ¹3000000.
REVENUE.

THE PUBLIC WORKS DEPARTMENT,
Co., Ac., Ac.

Printed February, 1900.

End.

G.O. 1900 February 1877, No. 743.

FEBRUARY.
Nos. 621-632.

Opening of *Exhibit* for the purposes of
it may be to *Observe* and *Discuss*—
communicating to Public Works Department
and *Proceedings* on *Revenue* calling on
the Collector for early report regarding necessity
for —