

3

*Proceedings of the Madras Government, Public Works Department,
26th May 1875.*

near Humpapooram from further erosion is sanctioned, and the Superintending Engineer will report the effect of the works and their then condition after the freshes of 1875.

2. The remarks of the Chief Engineer for Irrigation should receive attention.
(True Extract.)

Major, R.E.,
Offg. Joint Secretary to Government.

To the Superintending Engineer, Coimbatore.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.

Ed: E. C. Shaker.

Spare Copies

№ 490.

Note by the Chief Engineer for Irrigation

Not being acquainted with the part of the Canvey at which the protective works estimated for by the Superintending Engineer Coimbatore are situated, I am unable, in the absence of a series of connected levels over this portion of the river, and without a much more extended survey to form any opinion as to whether these works are likely to prove successful.

2. The efficacy of bund AB across the 6. two channels depends upon the relative levels of the sand banks connected, and of the deep channel of the river, and these are not given. This bund is to cost Rs. 1320 out of the 2500 Rs. of the estimate.

3. Apparently the best line the river, or for a considerable channel of it, would be from AA to BB. Then it would run parallel to the right bank instead of as at present.

Coming

William C. C. C. C. C.
 of College House

*The Eagle Engineer
Comdatore*

Patel 19
Holland 1975

Sanctus

26. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ = estimate of the prob-
ability of getting 2 heads.

Constructive and Destructive

and building

continued provision in
 the country of Russia as far
 as the village of Novosel

1890-1891

Handwritten text, likely bleed-through from the reverse side of the page, including the word "L'Esperance".

Coming across in channels nearly at right angles to the axis of the river from the left bank.

4. Some of the proposed groynes are it is thought insufficiently oblique to the current.

5. The information referred to in para 3 of the Superintending Engineers' letter has not yet been received, and, as it will be seen that the work is in progress, the submission of the estimate to Govt. will not be longer delayed. The survey does not indicate what property is endangered, or how far encroachments have progressed in recent years, and the Mysore boundary which was to be the starting point has not been noted.

GO 14th March
1874 N: 694.

Lt Col R. C.

Ootacamund
10th May 1875

Chief Eng^r for Imp.

To The Secretary to Government P. W. D.

No. 54 Coimbatore Collector's Office
5th May 1875
13

Sir,
Mr. Wedderburn requires
Collector of Coimbatore
To

Colonel G. V. Wilkison R.E.
Superintending Engineer
Coimbatore.

Sir,
In reply to your letter No. 29
of 23rd April 1875, requiring infor-
mation as to the amount
of revenue endangered by the
want of protection to the Collegal
share of the bannery, I have
the honor to state that it
will be very difficult to
give you a formal estimate
of the same.

In Mr. Sullivan's letter
printed with Revenue Board
Proceedings No. 6393 of 31st October
1870, it was stated that 148
acres of the Mumpapoor
village had been taken
away by the bannery. I

Not in-
manned
by the
Mumpapoor

60 16/10/74 No. 338-339

P. No. 1875 Dep't.

No. 490 No. 3263

From
The Chief Engineer
Superintending

To the Secretary to
Government

P. N. 12

Dated 10th May 1875
Received 15th

1875
Enclaves 3

P. No. 1471. 26-5-75

Note on letter from

Dr. Lupton Coimbatore

submitting survey sheet

- water for certain pro-

- tective to the bannery

river near Mumpapoor
in Collegal Range

No. 574

No. 17, 575. 1875. 20/5/75
No. 18, 575-576

noticed that it was a fine black loam, which the river was undermining, probably worth Rs 100 an acre - This being so, it follows that Rs 14,000 of land has already been lost, and the erosion continues and will continue in the same direction, for the sandy spit opposite has every tendency to increase, vide my remarks on the sand covered pagodas of Talakad on the Mysore side - and to throw the current still more severely on the Collegal side - Mysore is acquiring barren acres of sand, while we are losing acres of deep black soil - and in all probability, the Cannery will take a semicircular bend out of our territory - It is rather an engineering, than a revenue question, to answer

as to what further acreage of land will be eroded, and washed down the Cannery.

3. I would put it on past damage, the necessity of obviating future loss, by the simple hurdle & groynes, and cut, through the sandy spit, which I advocate - and it is perfectly certain that unless we take this precaution the erosions will go on unchecked.

I have seen
Signed P. Wedderburn
Collector.

(True copy)

W. Wilson Colonel R.E.
Superintendent, Coimbatore

No 22 Supg Engrs office
Coimbatore 6 May 1875

From,
The Superintending Engineer
Coimbatore

To
The Chief Engineer for
Irrigation P.W. Dept
Madras

Sir With reference to the last
para of my letter No 2 dated 3rd
April 1875, I have the honor to
forward a copy of Coimbatore
Collector's letter regarding the
value of land endangered by
the encroachment of the Cauvery
River near Humpapooram

I have the honor to be
Sir,

Your Most Obedt: servant

Wm Wiers Colon RE
Superintending Engineer
Coimbatore

For a letter from the
Chief Engineer
Coimbatore to the
Chief Engineer for
Irrigation No 22
of 6 May 1875

Copy of Coimbatore
Collector's letter No
54 of 5 May 1875
regarding value of
land endangered
by encroachment
of the Cauvery
river 11/5/75

For a letter from the
Chief Engineer
Coimbatore to the
Chief Engineer for
Irrigation No 22
of 6 May 1875
11/5/75
No 26 May 75
11/5/75

Proceedings of the Madras Government

Read the following:

From the Chief Engineer } Read the following.
for Irrigation } C.E. No. 490 d/10. May 1978

g O no. 1471 at 26# May/75.

The estimate amounting to Rupees 2,500, for protective works designed to protect valuable lands on the right bank of the Cauvery, near Humpapooram from further erosion is sanctioned, and the Superintending Engineer will report the effect of the works and their then condition after the freshes of 1875.

2. The remarks of the
Chief

R. W. W. 1885-86
 From 1885-86
 The day we met 1885-86
 Comptroller 1885-86
 To the Chief Engineer 1885-86
 for construction 1885-86

Macbrack

To the Chief Engineer
for instructions

Perinlaator

Ms. A. 9.2.17.20.2
The Duke University

1875-1876
W. W. W.

84503

Submitted to Govt. in continuation of the
No. 490 of 10th May 1875

Dated 6th.
 Recd 8th May 1875
 Recd 18th 22
 Do do 14th 26-55
 Cornwallistown of
 Cornhill & Co. Ltd.
 does better regard
 ing the making of
 sand and gravel
 by the inclosure
 of the
 river of the
 County of
 Hampshire

100-10100-18-5-75

Chief Engineer for Irrigation
should receive attention.

3263
3317
Govt. of Madras

PUBLIC WORKS.

To Mr. Suppiah,
Coimbatore

Dated

Recd.

Encl.

G. O. 26 May 1875, No. 1177

Nos. 573-575

Protective works to the
Cauvery River near
Humpapooram, Coimbatore
District. - Estimate of
Rs. 2,500 for ———,
sanctioned with remarks.

The Suppiah Coimbatore
" Chief Eng. for Irr. with 4 Encls.
" P. M. V. C. S.

S-CD 210-6-75

Encs. recd. from Mr. V. C. S.
176.

Recd. from Mr. V. C. S.
15-5-75

Proceedings of the Madras Government, Public Works Department,
26th May 1875.

Read the following papers:—

No. 513. From Colonel C. V. WILKIESON, R.E., Superintending Engineer, Coimbatore, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Coimbatore, 3rd April 1875, No. 2.

With reference to G. O., No. 694, of 14th March 1874, I have the honor to forward a survey of the Cauvery river near Humpapooram in Collegal together with an estimate, amounting to Rs. 2,500, for constructing embankment and six temporary groynes to protect the right bank or the British side of the river, as well as for revetting the whole of the eroded embankment from L to D in the survey.

2. This being the only season to undertake the work, and as there will be only a month or six weeks to complete the work, I have, in anticipation of the sanction of Government, ordered the Range Officer to close up the two channels A and B in the survey by sand bank gradually coming up to the high ground towards M revetted with wattle of the kind used in Mysore, and plant the sand bank from A at end of bund to high ground near M with nanul. The six small groynes will be of the description given in Colonel Mullins' memorandum, No. 619-A, dated 10th September 1873, revetted with nanul at the points marked K, D, J, F, H, and at the end of the embankment at L in the survey, and the whole foot of the bank from L to C will be planted with wild cane, screw pine, and nanul.

3. The Revenue statement of value of the land endangered by the encroachment will be submitted to you as soon as it is received from the Collector.

No. 490.

No. 514. Note by the Chief Engineer for Irrigation.
Not being acquainted with the part of the Cauvery at which the protective works estimated for by the Superintending Engineer, Coimbatore, are situated, I am unable, in the absence of a series of connected levels over this portion of the river, and without a much more extended survey, to form any opinion as to whether these works are likely to prove successful.

2. The efficacy of bund A B across the two channels depends upon the relative levels of the sand banks connected and of the deep channel of the river, and these are not given. This bund is to cost Rupees 1,320 out of the 2,500 Rupees of the estimate.

3. Apparently the best line for the river, or for a considerable channel of it, would be from A A to B B, then it would run parallel to the right bank instead of as at present coming across the channels nearly at right angles to the axis of the river from the left bank.

4. Some of the proposed groynes are, it is thought, insufficiently oblique to the current.

5. The information referred to in paragraph 3 of the Superintending Engineer's letter has not yet been received, and, as it will be seen that the work is in progress, the submission of the estimate to Government will not be longer delayed. The

*Proceedings of the Madras Government, Public Works Department,
26th May 1875.*

survey does not indicate what property is endangered, or how far encroachments have progressed in recent years, and the Mysore boundary which was to be the starting point* has not been noted.

* G. O., 14th March 1874, No. 694.

OOTACAMUND,
10th May 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 515. Endorsement of the Chief Engineer for Irrigation, dated 13th May 1875, No. 503.

From Colonel C. V. WILKIESON, R.E., Superintending Engineer, Coimbatore, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Coimbatore, 6th May 1875, No. 22.

With reference to the last paragraph of my letter, No. 2, dated 3rd April 1875, I have the honor to forward a copy of Coimbatore Collector's letter* regarding the

* No. 54, dated 5th May 1875.
value of land endangered by the encroachment of the Cauvery river near Humpapooram.

From A. WEDDERBURN, Esq., Collector of Coimbatore, to Colonel C. V. WILKIESON, R.E., Superintending Engineer, Coimbatore, dated Coimbatore, 5th May 1875, No. 54.

In reply to your letter, No. 29, of 23rd April 1875, requiring information as to the amount of revenue endangered by the want of protection to the Collegal shore of the Cauvery, I have the honor to state that it will be very difficult to give you a formal estimate of the same.

2. In Mr. Sullivan's letter, printed with Revenue Board's Proceedings, No. 6,393, of 31st October 1870, it was stated that 148 acres of the Humpapooram village had been taken away by the Cauvery. I noticed that it was a fine black loam which the river was undermining, probably worth Rupees 100 an acre. This being so, it follows that Rupees 14,000 of land has already been lost, and the erosion continues and will continue in the same direction, for the sandy spit opposite has every tendency to increase—vide my remarks on the sand-covered pagodas of Talakad on the Mysore side; and to throw the current still more severely on the Collegal side, Mysore is acquiring barren acres of sand, while we are losing acres of deep black soil, and in all probability the Cauvery will take a semi-circular bend out of our territory. It is rather an engineering than a revenue question to answer as to what further acreage of land will be eroded and washed down the Cauvery.

3. I would put it on past damage, the necessity of obviating future loss, by the simple hurdle groyne, and cut, through the sandy spit, which I advocated, and it is perfectly certain that unless we take this precaution the erosions will go on unchecked.

SUBMITTED to Government in continuation of this office note, No. 490, dated 10th May 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 516. ORDER THEREON, 26th May 1875, No. 1,471.

IRRIGATION, No. 62.

The estimate amounting to Rs. 2,500 for works designed to protect valuable lands on the right bank of the Cauvery