

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	792	Press
B.P. No.		Mis.
Dated	23 - 3 -	1874
		195

Original

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23rd March 1874.*

No. 592. Read the following letter from G. A. BALLARD, Esq., Resident in Travancore and Cochin, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Trevandrum, 24th February 1874, No. 20:—

I HAVE the honour to submit, for the consideration of Government, copy of a letter, No. 535, dated 6th instant, from the Chief Engineer, Travancore, expressing his opinion that there is little fear of the coast strip south of Cochin and north of Alleppy being breached by encroachments of sea, but that there is risk of openings north of Cochin.

2. This, I believe, is the general opinion of those best qualified to judge.

From W. BARTON, Esq., Chief Engineer, Travancore Government, to G. A. BALLARD, Esq., Resident in Travancore and Cochin, dated Trevandrum, 6th February 1874, No. 535.

WITH reference to your letter No. 627, * forwarding Proceedings, Madras Government, relative to the state of the coast between Cochin and Alleppy, I have the honour to inform you that

*To Diwan.

I had the opportunity of speaking to Colonel Farewell on the subject, and stated to him my opinion that there was little or no fear of any serious breach taking place between the sea and backwater in the Travancore territory, north of Alleppy, but that I [should be prepared to go over the country with him, and, if needful, advise the Travancore Government to have any surveys made which might seem to us at the time necessary. Until this inspection I do not think anything useful can be done.

2. I may state in a few words my own idea is that there is great risk of new openings north of Cochin occurring, because we have there large rivers (notably the Perryaur) emptying themselves into a narrow and confined backwater. South of Cochin the case is entirely different, rivers of much smaller magnitude empty themselves into most extensive backwaters, with the probable result during heavy floods of only causing a stronger current than usual in the direction of the main opening to the sea, viz., Cochin.

No. 593. ORDER THEREON, 23rd March 1874, No. 792.

CIVIL WORKS, No. 60.

ORDERED to be communicated to the Inspecting Engineer for Ports and Communications.

2. His Excellency the Governor in Council is satisfied by the concurrence of opinions of those best qualified to judge, that there is no danger of openings between the backwater and sea south of Cochin likely to damage that harbour.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Inspecting Engineer for Ports and Communications.

.. Resident of Travancore.

.. District Engineer, Malabar.

.. Marine Department.

Exd. S. T. Austin.

Spare Copies

Gobt. of {1874} Madras.
PUBLIC WORKS.

To

THE INSPECTING ENGINEER FOR
PORTS AND COMMUNICATIONS.

&c., &c., &c.

Dated March 23rd

Encl.

Recd.

G. O., 23rd March 1874, No. 792.

MARCH

Nos. 592-593

Cochin Harbour.—Letter from the Resident in Travancore and Cochin, forwarding one from the Chief Engineer on the subject of the coast defences in connection with the Cochin Harbour, communicated to the Inspecting Engineer for Ports and Communications.

(Copy)

N^o 535

Chief Engineer's Office,
Trivandrum 6 February 1874

To

The British Resident of
Travancore & Cochin

Sir,

With reference to your letter of 627 forwarding Proceedings Madras Government relative to the state of the coast between Cochin and Alleppy, I have the honor to inform you that, I had the opportunity of speaking to Colonel Farwell on the subject and stated to him my opinion that there was little or no fear of any serious breach taking place between the sea & back water in the Travancore territory north of Alleppy, but that I should be prepared to go over the country with him and if needful advise the Travancore Government to have any surveys made which might seem to us at the time necessary. Until this inspection, I do not think any thing useful can be done.

2. I may state in a few words my own idea is that, there is great risk of new openings north

to go down.

the breach seems to be

5
north of bochin occurring because we have
there large rivers / notably the Perriar / empty-
ing themselves into a narrow and confined
backwater. South of bochin the case is
entirely different. rivers of much smaller
magnitude empty themselves into most
extensive backwaters with the probable re-
sult during heavy floods of only causing a
stronger current than usual in the direction
of the main opening to the sea. namely
bochin.

I have &c

Signed / W. Barton

Chief Engineer

Trav. Govt

True copy

Enallan

Resident

J. L. S.
S. L. S.

Residents Office,
Trevandrum, 24th February 1874.

N^o 20.

From,

G. A. Ballard, Esquire
Resident in Travancore & Cochin.

To,

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

Sir,

I have the honor to submit for the
consideration of Government Copy of a letter
N^o 535 dated 16th Instant from the Chief
Engineer Travancore expressing his opinion
that there is little fear of the Coast strip
South of Cochin and North of Alleppey being
breached by encroachments of Sea - but
that there is risk of openings North of Cochin.

This I believe is the general opinion
of those best qualified to judge.

I have the honor to be,

Sir,

Your most obedient servant,
G. A. Ballard

Resident

vide
G.O. 27th Aug^r 1873 N^o 2133
" 26th Nov^r 1873 N^o 2868
" 6th Jan^y 1874 N^o 5.
N^o 191 in Pub.
Record in
which are
particulars of the

1874. Defile

Enclosed is a letter from
the Residents in Travancore
and Cochin to the Chief
Secretary to Government
Public Works Department
Fort St. George. N^o 20
dated 24th February 1874

From the Chief Engineer
Travancore to the Resident
Resident in Travancore
N^o 230 March 1874 Cochin N^o 535.
to B. S. N^o 592. Dated 6th February 1874.

Reporting that there is
little fear of the Coast
strip South of Cochin and
North of Alleppey being
breached by encroachments
of Sea.

592-593

Submitting for the
consideration of Govt
of a letter from the
Chief Engineer, Cochin,
concerning his opinion
that there is little fear
of the coast being damaged
by a cyclone & that it is
not necessary to take
any special order.

Sp.

Freedom - one.

No. 20.

After: February 1972

From: N. 1972. 24.1
The President in
Council
to the Secretary to Govt
of the Government of India
at New Delhi

Ordered to be communicated to the En-
specting Engineer for Ports and Communication
and to the Governor in Council
is satisfied by the concurrence of opinions of those
best qualified to judge, that there is no danger
of openings between the Backwater and Sea South
of Cochin likely to damage that Harbour.

Engr. for Ports of Cochin
President of Travancore &
Chief Engineer
Marine Dept.

Respectfully
26/2/72

GM

1235
Govt. of 1874 Madras.
PUBLIC WORKS.

To The Inspecting Eng^r for
Ports & Communications

Dated

Recd.

Encl.

G. O. 23. Maun⁷⁴, No. 792

Nos. 592 & 593

om^d to the Inspe^r:
for Ports & Com-
munications -

Cochin Harbour -

Letter from the Resident
in Travancore & Cochin,
forwarding one from the
Chief Eng^r on the sub-
ject of the Coast
in connection
with the