

No. 288
P. M.

Supg. Engrs Office, 4th Circle.
Camp Barr 10th July 1885.

From

The Superintending Engineer
Fourth Circle.

To

The Chief Engineer,
P. W. Department

Sir,

Enclosure 1.

With reference to G. O. No. 1523 of
30th Ultimo, I have the honor to forward
herewith for your information a letter
received from the Executive Engineer West
Coast Division with its enclosure, regarding
the reported encroachment of the sea near
the Cruz Mileage Dam. Similar re-
ports have been received in previous
years and the action of the sea now
going appears to be only what is usual
at this period of the year. I have how-
ever informed Colonel Ross Thompson
that in any reconstruction of therevet-
ments, the backing should be of gravel
or

all stone, and not clay which is
likely to withstand the action
of waves.

I have the honor to be,
Sir,

Your most Obedt. servant.

L. Beatty. Col. R.R.
Supg. Engineer, 4th circle

Letter No. 349 of 4th July 1885, from
the Executive Engineer, West Coast 2nd,
to the Supg. Engineer 4th circle.

With reference to your No. 329
of 2nd Instant, I have the honor to forward
copies of the Calicut Subdivisional
Officers report on the encroachment of
the sea at the Comz Mileage Dam and
my orders thereon from which you will
observe that no danger to the dam is
anticipated. However, to prevent the
possibility of any injury, the revetment
on the backwater side ^{of the dam} is being raised, and
it is also proposed to reconstruct the re-
vetment on the Lagoon side at an equal
slope with a backing of stiff clay, the
cost of these being met from the savings
from the estimate for dropping rough
stone at the foot of the revetment on
the backwater side of the dam, sub-
mitted for sanction with this Office
No. 308 of 16th June 1885.

From the Sub Divisional Officer
Calicut, to the Executive Engineer West
Coast Division, N^o 77, dated 19th June 85.

They do state that the reports
made by the Port Officer in his letter
N^o 387 of 8th June 1885, and the Over
seer's telegram forwarded to you with
my endorsement N^o 75 of 15th June 85,
are exaggerated. The sand spit
between the Lagoon and the sea
has not been cut away at all. This
being monsoon time, the surf is much
higher, and the waves wash further
in shore than usual; and with
reference to the sand spit opposite the
Cruz Mileage gap it has simply
been flattened; its height is now
a foot lower than what it was in
the middle of last month. But
as most of this sand has been washed
into the Lagoon it is good and not
damage that is being done. From
my experience of similar occurrences
on

on the sand spit, opposite the Mangalore
harbour, I do not think the height
of the sand spit now under reference
will be further reduced. It has already
been washed into an easy slope, and
as the tide rises, the waves wash
gently up and over into the Lagoon
where all sand with which they are
charged will be deposited; and as the
waves become gradually reduced at
the close of the monsoon, new layers
of sand will be deposited on the sand
spit to replace what has been washed
into the Lagoon, and the latter will
be so much gained towards the silting
up of the Lagoon which is what is
desired.

From the Executive Engineer West Coast
Division to the Sub Divisional Officer
Calicut, N^o 683.

Your letter N^o 77 of 19th June 85
just received.

Your report regarding Cruz
Mileage is quite what I expected
it

it would be. I agree with you
that more good than harm is
being done.

Please arrange for the strength-
-ening of the dam on the backwater
side by dropping in rough stone
as already proposed, and estimated
for.

Pr. 2nd
6189/85

(True copies)

L. V. Scally - Col. R. E.,
Supg. Engineer 4th Circle.

J.W.C. No. 0189

From
The Supg. Engineer,
Fourth Circle

No 1699 W of 24 July 1885

Recorded in continuation of
No. 1613 W of 13 July 1885.

Dated 10th
Desp d 14th
Rec d 15th } July 1885.

No 288
E.M.

No 1699 W dated 24 July/85

Enclosure. One

Ca.
17.7.85

U.S.
17.7.86

Cruz Milagre Dam

Forwards for information
letter from the Ex. Engr. West Coast
D^y regarding the reported encroachment of the sea near the
It states that instructions have
been issued as to what materials
should be used in any reconstruction of the revetments.

Supg. Engineer IV Circle

Marine Dept.

B.W.
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