

129
Marine (1897) Department.

G.O., No. 98 Mar

DATED 5 February 1897

[Despatch Abstract.]

Erosion: P.W. Pros: recording letter from
S.E. IV Creek reporting on the — ^{off the sea} on the Typhoon
foreshore opposite Cruz Milaje Dam, West
Coast of Guat. to the P.P. Officer.

T. C. 5/2/97

9/2/97

BACK PAPERS.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	7209	man	30-11-97				

Marine (1897) Department.

CURRENT No. 129

Order N^o. 98 Marine of 5-2-9)

Communicated to
the Presidency for office. From The Public Works Dept.

The P.P.O.

1/2/27

No. 2922

Dated 29th January 1897

Received 1 Feb 1971

Enclosures

Spare copies

SUBJECT.

Recording letter from S. E. IV
will reporting on the erosion
on the Vizeen foreshore
opposite to Cruz Milagro
Dam, West coast On

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the Assistant Engineer, Calicut Sub
Divisional Office to the Executive Engineer, West Coast
Division, Calicut, No 653 & dated 18th December 1896:—

with reference to your endorsement No. $\frac{2304}{19-11-96}$.

I have the honour to report for your information on the late erosion of Vypren foreshore opposite Cruz Nilagne Dam.

2 The erosion began in the early part of November last and was caused by a rough sea accompanied by high wind from the south, doubtless due to bad weather at sea in connection with the cyclone which visited the Bormandel Coast.

3 The shore ends of groynes "C" & "P" to the South of the Dam were turned. This was at once attended to by lengthening each groyne 50 ft inland from the reserve stock of boulders nearby and would mention that originally these groynes extended well inland, but were in 1890-91 by order of Col: Drake Brockman, then Superintending Engineer, partly

demolished

demolished and the stone so obtained used to lengthen "P" groyne seaward.

4 Fortunately the bad weather ceased and with it the erosion also, on the 20th November 1896, for at one time there seemed a likelihood of the foreshore opposite the dam being washed away and the dam being in great danger.

5 From levels just taken by me, I find that an average width of 117 ft of foreshore has been eroded since December 1895, the greater portion of which was certainly lost during November last. There now remains only a strip of foreshore between high tide level of the sea and the lagoon above the dam varying from 190 ft in width on the South to 270 ft on the North side.

6 When the erosion was becoming serious, at the suggestion of the Port Officer, Cochin, 100 Coconut piles each 16 ft in length and 500 gunny bags, to be used as a temporary sand bag revetment behind the piles, were prepared, but their use was not found necessary as the sea continued to go down and became normal by the 20th of November.

7. When I inspected the spit on the 12th instant the steep margin left after the erosion of the foreshore was gradually being filled in and a shelving beach formed.

8 It will be necessary to carefully watch this

this portion of the foreshore at the beginning of the next South West Monsoon and to be prepared for an emergency with sand bags and Coconut piles.
9. Having a reserve stock of 8194 cft of stone at Site is very opportune.

Endorsement by the Executive Engineer, ^{West Coast Division}
No 12 S.E. dated 6th January 1897: —

Forwarded to the Superintending Engineer, IV circle, for information and favour of return in continuation of this Office No. 752 S.E. dated 7th December 1896.

Endorsement thereon by the Superintending Engineer, ^{IV. Circle} No. 19 W dated 11th January 1897: —

Copy forwarded to the Chief Engineer, P.W.D. for information with reference to G.O. No 3382 W dated 25th November 1896.

order thereon No 292 S of 29th Jan 1897

Recorded

(True Extract)

C. H. P. Butler.
Under Secretary

Copy to the Marine Department.