M.R.O. 1—77,006—8-6-37.

(1) Number of pages 14

(2) Date of repair 4-2-43

(3) Initia's of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

[illegible] DEPARTMENT.

G.O. No. 2327 Press Mis.

Dated [illegible] 18 .

Not to be folded or roughly handled

B

Proceedings of the Madras Government, Public Works Department, 29th September 1862.

No. 508. Read the following Endorsement from Captain E. HEMERY, R. E., for Deputy Chief Engineer, Northern Circle, dated Chepauk, 17th September 1862, No. 391/N 324:—

Read the following letter from Major T. GREENAWAY, Acting District Engineer, Nellore, to Lieutenant-Colonel S. O. E. LUDLOW, R. E., Deputy Chief Engineer, Northern Circle, dated Nellore, 12th September 1862, No. 1,840.

SIR,

1. I have the honor to report an accident which has happened I regret to say to another of the new masonry works on the Irrigation Channels, Nellore Delta.

2. Having received a report that the First* Drop Gungapatam channel was damaged I proceeded to examine it, and found that in consequence of the heavy over fall the earth in the channel bed behind the cut laterite apron had been scoured out, the retaining wall and rear wings being undermined had given way. The injury was primarily due to the want of the rough stone apron which I had ordered to be added to this as to all the other works, but owing to the scarcity of carts, the supply had not yet reached this work, though many of the others have been provided.

* Estimated cost Rupees 170.

3. As a measure, however, of temporary precaution, Lieutenant Smith had reduced the discharge down the said channel, and the work would probably have held its own till the rough stone arrived, but it appears that some Ryots removed the shutters in the night and thus became the immediate cause of the damage. I have reported the fact to the Collector, but can get no evidence as to who the culprits were.

4. I have, as a temporary measure, pending sanction of any establishment, placed watchmen at all the principal points of danger to prevent or at any rate report trespassers, the people of this Delta as yet unused to any thing like organized irrigation being very much addicted to trespass, and request permission to pay these watchmen out of the estimate.

5. An experiment was most successfully tried to carry down stone as far as the first dividing dam in the iron boat constructed for the Anicut. She carried three and could carry four cart loads with ease. I would suggest that if a boat of somewhat similar construction were authorized for these channels, it would be a great advantage for carriage of materials upon the primary and secondary channels as far as their first dams, and render us less dependent on the bandy men who at present are able to dictate their own terms.

6. I have the honor to add, with reference to the defective construction of the Potlapudy dam, reported in my letter No. 1,602, dated 14th ultimo, that the Officer of the Range reports that its construction was entirely under the superintendence of Sub-Overseer Armogum Mudali, and beg to know to what extent he should be held liable; the *failure* of the dam was however due to the nature of the soil and not to the bad work, which is all above water mark. I had seen the work when in progress,† upper works raised to above 3 feet above floor, and the work was so far satisfactory.

† 1st August 1862.

7. I beg further to add that the advantageous working of the Delta irrigation is very much impaired by the selfishness and perversity of the Ryots, who commit trespasses in the most reckless manner, and seem to enjoy injuring one another quite as much as benefiting themselves. I have brought their misconduct to the notice of the Collector.

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1 Letter from District Engineer Nellore, No. 1,840, dated 12th September 1862.

1. Submitted to Government for information in continuation of Endorsement No. 378, dated 28th August 1862.

2. The District Engineer has been authorized to construct another boat as requested in paragraph 5 of his letter.

3. It will be observed that the failure of the Potlapudy dam is due to the nature of the soil and not to bad work.

(Signed) E. HEMERY, Captain, R. E.,
For Deputy Chief Engineer, Northern Circle.

Proceedings of the Madras Government, Public Works Department, 29th September 186.

No. 509. ORDER THEREON, 29th September 1862, No. 2,328.

1. In his letter of the 14th August 1862, the Acting District Engineer Nellore, when reporting on the Potlapudy Dam, remarked that it was by "no means a creditable piece of "masonry, being built in those portions above water mark with enormously thick joints and very "inferior mortar." It appears from the Acting District Engineer's letter now submitted that the *failure* of the work is not owing to defective construction, but to the nature of the soil. The Government consider that notwithstanding this fact due notice should be taken of the Sub-Overseer's remissness in carrying out the work, and it is presumed that such notice has been taken by the Deputy Chief Engineer with reference to the orders requested in paragraph 6 of the District Engineer's letter dated 12th September 1862.

2. The attention of the Board of Revenue will be requested to paragraph 7 of the District Engineer's letter recorded above.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

Nellore
12th September 1862

No. 1840

35

From Major T. Greenaway
Ag. District Engineer Nellore

To Lieutt. Colonel Ludlow
Dy. Chief Engineer S. C.

Sir

I have the honor to report an accident which has happened I regret to say to another of the new Masonry works on the Irrigation Channels Nellore Delta—

2 Having received a report that the First drop Gungapatam Channel was damaged I proceeded to examine it & found that in consequence of the heavy over fall the earth in the Channel bed behind the cut laterite apron had been scoured out the retaining wall & rear wings being undermined had given way. The injury was primarily due to the want of the rough stone apron which I had ordered to be added to this as to all the other works, but owing to the scarcity of Carts, the supply had not yet reached this work. though many of the others have been provided.

&c

3 As a measure however of temporary pre-
=caution Lieutenant Smith had reduced the
discharge down the said Channel & the work
would probably have held its own till the rough
stone arrived but it appears that some ryots
removed the shutters in the night & thus became
the immediate cause of the damage. I have reported
the fact to the Collector. but can get no evidence
as to who the culprits were.

4 I have as a temporary measure pending
sanction of any establishment placed watchmen
at all the principal points of danger to prevent
or at any rate report trespassers, the people of
this delta as yet unused to any thing like organized
irrigation being very much addicted to trespass,
& request permission to pay these watchmen
out of the estimate

5 An experiment was most successfully
tried to carry down stone as far as the first divi-
=ding dam in the iron boat Constructed for the
Anicut. She carried three & could carry four cart
loads with ease. I would suggest that if a
boat of somewhat similar construction were
authorized for these Channels, it would be a
great advantage for Carriage of materials
upon the primary & secondary Channels as far
as their first dams & render us less dependent
on the Bandy men who at present are able to
dictate their own terms.

6 I have the honor to add with reference to the
defective construction of the Pottapitty dam
reported in my letter No 1102 dated 14 Octo 62 that the
officer of the range reports that its construction
was entirely under the superintendence of Sub
Overseer Armogum Moodelly & beg to know to
what extent he should be held liable. the failure
of the dam was however due to the nature of the soil
& not to the bad work which is all above water mark.
× 1st August 1862 I had seen the work when in progress, upper works
raised to about 3 feet above floor, & the work was
so far satisfactory.

7 I beg further to add that the advantageous
working of the Delta Irrigation is very much
impaired by the selfishness & perversity of
the ryots who Commit trespasses in the most-

reckless manner & seem to enjoy injuring one another quite as much as benefiting themselves. I have brought their misconduct to the notice of the Collector.-

I have the honor to be
Sir
Your Most Obedient Servant

Greenway Major
A. District Engineer Bellore

Northern Circle Office
Chepauk 17th September/62

No. N3/391

Endorsement

Submitted to Government
for information in continuation
of Endorsement No: 378 dated 20th
August 1862.—

The District Engineer
has been authorized to construct
another Boat as requested in
para 5 of his letter.—

It will be observed—
3 That the failure of the Pattapudy
Dam is due to the nature of the
soil and not to bad work.—

Capt. R.E.
for Chief Engineer N.C.

To Lieut. W.J. Birdwood
Secretary to Government
Department of Public Works

Encl: 1
Letter from
D.C. Pollow
No: 1814/12th August 1862.—
Sept 17/62.— 2

Dr Engr Stores 400 17th Sept 62.
Voucher No 391 17/9/62.

N 324

From The Acting District Engineer Pollore

To The Deputy Chief Engineer S.C.

Dated 12 September/62

Rec'd 15th do

No. W. 2816/62

No 1840
Reporting the damage done to the masonry works on the irrigation channels Pollore Sella

P.W. Despd.

No. 2328.

115

Proceedings of the Madras Government.

Under date the 29th September 1862.

Read the following letter from the Dy. Chief Engr. N. Circle.

"Submits letter from the District Engr. Nellore reporting the damage to the masonry works on the irrigation channels in the Nellore Delta. } [Illegible] H.C. 17th September /62 No. 391/

In his letter of the 14th August /62, the Ag. Dt. Engineer, Nellore when reporting on the Pottapindy Dam, remarked that it was "by no means a creditable "piece of masonry, being built "in those portions above water mark "with enormously thick joints and "very inferior mortar." It appears from the Actg. Dt. Engineer's letter now submitted that the failure of the works is not owing to defective construction, but to the nature of the soil. The Govt. consider that notwithstanding this fact due notice should be taken of the Sub Overseer's remissness in carrying out the work, & it is presumed that such notice has been taken by the

W.H.

[Docket, written sideways:]
Pro. B.P.W. 17/63 No. 116-41.
P.W. Departt.
Pro: of Govt. Septr. 62 No. 2818
From
Lt. Col. Hughes R.E.
To
P.W. Secretary to Govt.
Dated 17 Sept 62
Recd 18 Sept 62
Encl. 1. No. 391
Submits letter from the Dist. Engineer Nellore reporting the damage to the masonry works on the irrigation channels in the Nellore Delta.
No. 508.
C 23 Sept 1862
No. 2328, 29 September

Deputy Chief Engineer with
reference to the orders requested
in Para 6 of the D.E's letter
of 12th Sept 1862.

The attention of
the Board of Revenue will be
requested to Para 3 of the
District Engineer's letter recorded
above.—

13 Copies
No.

The Dy Chf Engr N.C. Lieps 30th Sept
No. " 1st Oct Revenue.

Public Works 1862 Dept.
Pro. of Govt. for Sept.

No. 2328.

Pro. of the A. Government
of 29th September 62

Requesting by Chr Engr
Mr Brindley to take due notice
of the Overseer who superintended
the construction of the Collar-
-ponds drawn in the Nellore
Drills and calling the A.
attention of the Board of Rev:
to the 7th para of the Drill Regs.
Letter regarding the trespasses
of Ryots on their Irrigation
Works.

No. 508. 509.

C 23 Sep. 1824