

- (1) Number of pages _____
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2443	Press
B.P. No.		Mis.
	1315/35	
Dated	3-10-	1951/823

Not to be folded or roughly handled

8th October 1873.

Read the following papers:—

- No. 131. From the District Engineer, Nellore, dated 28th Feb. 1873, No. 30.
No. 132. From „ „ „ 22nd Mar. „ „ 48.
No. 133. From „ „ „ 18th Aug. „ „ 68.
No. 134. From the Chief Engineer for Irrigation, „ 5th Sept. „ „ 595.

No. 135. ORDER THEREON, 8th October 1873, No. 2,473.

IRRIGATION, No. 10.

* Rupees 4,20,000.

FROM the papers recorded in these Proceedings it appears that an examination of the stone pitching of the Survapully Channel, an item of the large estimate* for the "improvement of the

Survapully Channel in connection with the Pennair Anicut," which is under execution from Loan Funds, led to the discovery that not only had the pitching been founded $3\frac{1}{2}$ feet above the proper level, but that the sill of the regulating sluice at the head of the main channel (Jaffer Saib's) had been constructed two feet too high.

2. When these grave mistakes were made, Lieutenant-Colonel Clay was the Executive Officer in charge, and his explanation is that he left the setting out of the works to subordinates whom he deemed competent, whereas it was clearly his duty to ascertain for himself, without leaving any room for the possibility of a mistake, that a work of so much importance as the head sluice was correctly built. A very few minutes would have sufficed for this purpose, as at a short distance are the anicut and the old head-sluice, the levels of which are known.

3. In G. O. of the 18th October 1872, No. 2,454, orders were passed on a report from the Officiating Superintending Engineer, 2nd Division, bringing to notice that considerable over-payments had been made to the Contractor for the pitching of the Survapully Channel, and that the work had not been carried out in accordance with the estimate and design. At that time it had not been practicable to examine the work done throughout, but since then such an examination has been made and the over-payments have been found to amount to Rupees 3,815 instead of, as was at first supposed, Rupees 3,159. The statement submitted with the District Engineer's last letter shows that, for the whole of the excess payments on the laterite pitching, Lieutenant-Colonel Clay is responsible, and that he paid for cubic yards 4,006 when only 2,891 cubic yards had been actually executed. A very superficial examination would have rendered such a mistake impossible. The examination of the gravel backing to the pitching was not quite so easy, but as regards this work, Lieutenant-Colonel Clay paid for 2,671 cubic yards against 472 executed, and his over-payments altogether amounted to Rupees 4,430 on work of the value of Rupees 6,254. Mr. Assistant Engineer Lyon paid less by Rupees 999 for the pitching than the value of the work done; but he too allowed himself to be deceived as regards the backing, and his want of care involved a loss of Rupees 516 on this item.

placed

4. A copy of the sketch furnished to the Contractor for his guidance was called for by the Chief Engineer for Irrigation, but it is reported that no copy was kept and without this it cannot be ascertained how far the Contractor is responsible for any part of the error in the level of the foundations of the pitching.

5. The District Engineer further reports that the regulating sluice at the head of Jaffer Saib's Channel is not the only work which has been built on a wrong level, and a list of all the works which will have to be altered, together with an estimate of the cost of the alterations, should be submitted as soon as possible.

6. The Governor in Council considers that the information now before Government shows conclusively that Lieutenant-Colonel Clay, when in executive charge of these important works, entirely neglected to exercise that supervision over them which was essential to their proper execution, as well as to the protection of the interests of Government. It is as well therefore that his connection with the Public Works Department has ceased. Mr. Lyon's shortcomings are comparatively trivial, and His Excellency hopes that for the future the Assistant Engineer will take care that his examination of work is complete and thorough, and that he will take nothing for granted which can and should be otherwise determined. The subordinates employed on the Survapully Channel have already been punished.

7. The District Engineer will report with full particulars how he proposes to deal with the late Contractor, Mr. Roscrow, as regards the recovery of the sum overpaid to him, but his further employment as a Contractor or in any other manner in Nellore or elsewhere is prohibited.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Nellore.
.. Military Department.
.. Chief Engineer for Irrigation.
.. Officiating Controller of Public Works Accounts.
To all other District Engineers.
.. Executive Engineer, Wynad.

Exd. E. C. Shunker.

Spars Copies.

No. of the Madras Govt.

Read the following..

From the St. Engrs. Nellore (H.E. No. 30 of 28" 1873)

No -

No -

48 of 22 March/73

No -

No -

68 of 18 Aug/73

The Chief Engrs. for Irrigation (--- 595 of 5 Sep/73)

From the papers recorded in these Proceedings, it appears that an examination of the stone pitching of the Survapully channel, an item of the large estimate for the "improvement of the Survapully channel in connection with the Pennair rivulet," which is under execution from Loan Funds, led to the discovery that not only had the pitching been founded $3\frac{1}{2}$ feet above the proper level, but that the sill of the regulating sluice

+ Rs. 4,20,000

17/19

of the main channel
(Gaffier's tail) had been
constructed 2 feet too
high.

2. When these graves
mistakes were made
Lt Colonel Clay was
the Executive Officer
in charge, and his
explanation is that
he left the setting
out of the work to
subordinates, whom
he deemed competent,
whereas it was clearly
his duty to as-
certain for himself,
without leaving any
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sibility of a mis-
take, that a work
of so much impor-
tance as the head
sluice was correctly
built. A very few
minutes

sufficed for this
purpose, as at a short
distance are the an-
cient and the old
head sluice, the
levels of which are
known.

3. In L.O. of the
18th October 1872 N^o
2454 orders were pas-
sed on a report from
the officiating Su-
perintending Eng^r
and Division bringing
to notice that con-
siderable overpayments
had been made to
the Contractor for
the pitching of
the Survafully chan-
nel, and that the
work had not
been

accordance with the estimate & design. At that time it had not been practicable to examine the work done through out, but since then such an examination has been made and the overpayments have been found to amount to Rupees (3947) ³⁸¹⁵ instead of, as was at first supposed, Rupees 3,159. The statement submitted with the District Engineer's last letter shows that, for the whole of the except payments on the laterite pitching, Lt Colonel Clay

and that he paid for cubic yards 4006 when only 2,891 cubic yards had been actually executed. A very superficial examination would have rendered such a mistake impossible. The examination of the gravel packing to the pitching was not quite so easy, but as regards this work Lt Colonel Clay paid for 2671 cubic yards against 472 executed, and his overpayments altogether amounted to Rupees 46,30 on work of the value of Rupees 6,254. Mr Assistant Engineer Lyon paid

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999 for the pitching
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on this item.

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it is reported that
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responsible

part of the error
in the level of the
foundations of the
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5. The District Su-
pervisor further reports
that the regulating
sluice at the head
of Jaffer Shib's chan-
nel is not the only
work which has been
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to be altered, to-
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6. The Governor in
Council considers that
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glected to exercise
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them which was
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well as to the pro-
tection of the inte-
rests of Government.
~~That his~~
~~Colonel Clay's~~ con-
nection with the P.M.D.
has ceased, ~~but~~ as
this officer is ma-
terially ~~involved~~
for any responsibility
employment, these
proceedings will be
communicated to
the Military Dept.
Mr.

It is as well therefore

I shall be ~~acquainted~~
of ~~my~~ ~~the~~
JL

Need not be
the ~~Chief~~ ~~in~~ ~~the~~
need ~~have~~ ~~be~~ ~~for~~ ~~the~~
number. I ~~have~~ ~~been~~ ~~in~~ ~~the~~
with ~~the~~ ~~the~~ ~~the~~

are comparatively in-
valuable, and this ~~fact~~
lineage hopes that for
the future the ~~the~~
tant Engineer will
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The District
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Roscrow, as regards
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the recovery of the
sum overpaid to
him, but his fur-
ther employment
as a Contractor, or
in any other man-
ner, in Tellico or
elsewhere is prohib-
ited.

By: 3/9/73
GMS

N: 134-35

180
188

To The Dist Supt. Villav
- - - Incl: Dept
- - - Chief Supt. for
- - - Controller Ph
- - - All other Dist Supts
S.C. order 16/10/73

copy to C. 10 Sept 73 26/10/73

the recovery of the

1873
Govt. of 1873 Madras.
PUBLIC WORKS.

to the District Engineer
Alone

Dated
Recd. 1873

G. O. 1873 No 2973

Nos. 13/135

Surrapully Channel.

Papering orders on papers
relating to the works
carried out at the channel.