

(1) Number of pages 2
(2) Date of repair 21-4-70
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

LEV DEPARTMENT

G.O. No.	2771	Press
B.P. No.		Mis.
Dated	22. 11. 1976	196

Not to be folded or roughly handled

No. 1665

FROM

H. P. Owen Esq.

THE SUPERINTENDENT, of Telegraphs

Bellary

DIVISION.

TO

The Secretary to Government

Revenue Department - Madras

Dated ^{Camp} ~~Chimpa Nagar~~ the 14th of November 1876.

SIR,

With reference to your telegram of the 14th instant, which has only just reached me in camp, I have the honor to report that on Rurnool failing to answer on the 8th a 'Telegraph' Master was ordered to proceed by first train from Bellary. He left on the morning of the 9th and reached Rurnool on the 12th instant.

I have the honor to be,

Sir,

Your Most Obedient Servant,

H. P. Owen

Superintendent of Telegraphs

Bellary Division.

196

Dated

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FROM

Nº 5028

SUPERINTENDENT

Bellamy DIVISION

TO

10

Dated

17th Nov/36

Recd

20

Encs

No 1665

Index No.

ABSTRACT

PRECIS

*Intimating that a
Subgraph Assets Cpt Bellamy for
Kinnaird was reached in the 12
without*

1502271

Subgraph

22 Nov/36

(1) Number of pages 6

(2) Date of repair 24-4-76

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

LEV DEPARTMENT

G.O. No.	2472	Press
B.P. No.		Mis.
Dated	22-11-1876	196

Not to be folded or roughly handled

Read the following:—

No. 180. *Report of Mr. J. C. JOHNSTON, Assistant Engineer, for the week ended 19th August 1876.*

THE Special Surveyor* from Kistna commenced work on Thursday and completed nearly 2 miles of the survey of the Pedda Cumbum channel in two days. On the

* Ramabrahmen by name.

third day the compass attached to his level would not work correctly. It was the only surveying instrument I had, and before giving it out for use I tested it and found it would not work correctly till after I had cleaned it. Thinking it then to be correct, I issued it. On Saturday the Surveyor reported it was useless, I at once sent to the Range Officer, Cumbum, and borrowed a prismatic compass till those I indented for should arrive. I expect to receive a compass from Kurnool shortly. The Surveyor informs me that his daily average of survey work in open country is about 5 miles, but that the channels here between the town and tank wild about so much and are so covered with trees that he could take none but very short bearings, and was only able to complete half a mile the first day. Below the town the country is very much more open. The present survey will show the channels in more detail than the former one, and is to serve two purposes:—

1st, to afford a correct survey plan on a small scale;

2nd, and yet to have sufficient details so enable it to be plotted on a large scale with the longitudinal section, so that all new alignments may be accurately noted and made to correspond with the cross sections. I have established bench marks down to the end of the Cuthwa channel, and have found that cultivation might be considerably extended in that direction.

Old channels now exist which about ten years ago were in use, but are now from some cause dry. A couple of thousand more acres might easily be brought under wet cultivation; and, if there is any doubt as to the sufficiency of water-supply in the tank, another 100 square miles of drainage might without very great cost be turned into it. The new survey will show more accurately what greater extent of land it is possible to irrigate.

Overseer Munesawmy Chetty reports he has one day's more work to do to complete the task I gave him. He would have finished it last Saturday, had not a sudden

severe cold in the chest prevented him. Four days' work; he was ill one day, and one day it rained. His out-turn of work last week was $7\frac{1}{2}$ miles of levelling and chaining.

The contractor whom I have employed having disappointed me, I have commenced making my own lime kilns near my encampment, and will in future not be dependent upon any one for the supply of lime. I find that it is not at all customary to sell unslaked lime here, and, as I insist upon having nothing else, there has been a delay in carrying out some necessary repairs to the calingulah airon.

I have received a supply of tools from Madras, and have ordered large quantities of pegs (small and large), so that when the work of execution really commences I shall be ready. Pegs, &c., are small things in themselves, but the want of them would delay work for several days, especially when they have to be carted 30 miles.

The question of having a new head to the Cuthwa channel depends upon whether the Gundlakamma anicut is to be retained or not. As Government have ordered the

*Proceedings of the Madras Government, Public Works Department,
10th November 1876. No. 3,018.*

swamp to be drained, I presume a new head has been decided upon. I should like to have definite orders as soon as possible, so that I may be able to run the cross sections of the channels before they become choked with weeds again. I have already noticed in several places the weeds springing up again.

CANDLAPOOR,
22nd August 1876.

(Signed) J. C. JOHNSTON,
Assistant Engineer.

No. 180-A. *Report of Mr. J. C. JOHNSTON, Assistant Engineer on Special Duty,
Cumbum, for the week ended 26th August 1876.*

All last week, with the exception of Saturday, on which day I was ill, I was engaged in measuring up the work of clearing the channels done by the Revenue Department. I completed the Nakkalagundy Pedda Cumbum, Marlapaud channels, and half of the Cuthwa channel, while the Overseer completed the Chinna Cumbum channel, in all nearly 18½ miles. In addition the Overseer ran 1½ miles of levels across country, completing the ground surface levels of the present irrigated land north of the Gundlakamma. These levels will be continued hereafter, when the survey of the cultivable land at the end of the Cuthwa channel is ready. The Surveyor, P. Ramabrahmen, finished 6½ miles of survey, and has now completed the Nakkalagundy, Marlapaud, and Pedda Cumbum channels.

While measuring up the work done to the channels, I had good opportunities of examining those parts which run through the town, and I have come to the conclusion that the slabbing over, as proposed by Major Hasted, would be very expensive indeed. They pass through so many private yards and are bounded on each side by so many walls, that the amount of compensation alone will be great, not taking into account the masonry side walls and slab with concrete covering. Continuing the Pedda Cumbum channel into the eainfulah escape vagoo, building an anicut across, and taking one channel straight down into the Cuthwa channel would be the simplest for estimating and execution, inasmuch as nearly the whole work could then be completed without interfering very much with cultivation. The fall is great, but it is not insurmountable.

In my opinion, the supply of good water to the town is the first thing to be secured, and a new head to the Cuthwa channel may at the same time be provided.

Another thing I noticed was that owners of fields on both sides of channels seemed to consider the banks and channels as belonging to themselves. They have built revetments for baling purposes, made cuts through the bunds, planted trees and hedges, and buried their dead as close to the water edges as they liked. An inspection of the channels on horseback is simply an impossibility now, and on foot one has to make continual detours.

To prevent this in future, there should, I think, be a berm of 15 feet or so on each side; the water will be delivered outside these berms, where the ryots may make as many cuts and plant as many trees as they like, but on no account should they be allowed to interfere with the channel land.

CANDLAPOOR,
29th August 1876.

(Signed) J. C. JOHNSTON,
Assistant Engineer.

*Proceedings of the Madras Government, Public Works Department,
10th November 1876. No. 3,018.*

No. 181. ORDER THEREON, 10th November 1876, No. 3,018.

IRRIGATION, No. 10.

RECORDED, with reference to G.O.,
No. 2,846, of the 25th October 1876.

In connection with Mr Johnston's remarks on Major Hasted's proposals for covering in the Pedda Cumbum channel, from the head of the Madapad channel where it passes through the town of Cumbum, it is to be noticed that only one channel through the town was intended to be retained. Mr. Johnston's apparently alternative proposals are not understood.

3. The paragraphs of the reports of the Assistant Engineer on special duty should be numbered.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the Special Officer, Cumbum.
" District Engineer, Kurnool.
" Superintending Engineer, Kistna.
" Chief Engineer for Irrigation.
" Public Department.

Order in the Financial Department 11th November 1876

of Kurnool

Communicated to the Collector

*The Collector of Kurnool
Revenue Department
Board of Revenue
Exd. E. C. Shunker.*

Spare Copies

*(True Extract)
J. Johnston
Chief Secretary*

Govt. of 1876: Madras

PUBLIC WORKS.

To

THE SPECIAL OFFICER, CUMBUM.

&c. &c. &c.

Dated November 10th.

Issued

Recd.

Encl.

G. O., 10th November 1876, No. 3,018.

NOVEMBER.

Nos. 180-181.

Cumbum Drainage Works.—Reports on
the — for the weeks ending 19th and 26th
August 1876, recorded with remarks.

Revenue 1876 Dep^{ts}

N^o 5074

Pro: of Govt: Finl. Dep^{ts}

Dated 21 }
Recd. 21 } November 1876

N^o 2091.

Communicating
to the Collector of Thimool
Pro: P. D. D. recording,
with remarks, reports on
the Lumbum Drainage
works for the weeks
ending 19th and 26th
August 1876.

N^o 2772

Lodged

22 Nov 76.

Dated

196

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