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MADRAS RECORD OFFICE.**Government of Madras.****DEPARTMENT.**

G.O. No. _____	Press Mis. _____
Dated _____	18 ____.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th April 1865.*

No. 114. Read the following letter from Captain J. MULLINS, R. E., Consulting Engineer for Irrigation and Canal Company, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Bellary, 10th March 1865, No. 221 :—

SIR,

1. My last report on the Reservoir Survey Operations was given in the letter as per margin, and in continuation I have the honor to forward extracts from the Chief Engineer's, of the Madras Irrigation and Canal Company, reports for November, December, and January, the last of which reached me this day.

2. "The Gunlakewa tank, an extensive flat in the Mysore territory, draining but a very small extent of country of very variable rain-fall has been examined, and a rough survey is in progress. This is with a view, if possible, of leading into it a channel from the Toombuddra, and so converting it into a reservoir of considerable capacity. I expect a report from Mr. Gordon on the subject next month. Further examination of the localities on the Toonga and Buddra will take place this month by Mr. Gordon, and such further surveys as he may see to be required will be proceeded with. The result will appear in the next report."

3. "The tank at Channagherry in the Mysore country has been examined, and levels taken from it to the Toombuddra. This large natural lagoon is found into a tank by a short dam, and retains nearly the whole water falling into it, but the area drained into it is very small, and the object of this survey was to ascertain its level compared with the Buddra river, and the practicability or otherwise of bringing a supply into the tank from that source. The tank can be at a very small comparative cost made to contain a large supply of water, and this scheme, suggested for consideration by Mr. Gordon, was well worth investigation. The levels are not favorable, and I fear the project can scarcely be carried out. A tunnel of some cost and 50 miles of channel from about Luckawally would be necessary, but on the other hand the same channel could be employed to irrigate a considerable extent of land between it and the river before crossing the ridge between it and the tank. When the question of Luckawally tank is decided on, this project leading from it can be further considered. The Channagherry tank is now undergoing improvement by the Mysore Government for the irrigation of a small extent of land below it, so that if adopted by the Company as a large reservoir this irrigation will of course have to be provided from the tank."

4. The only notice of the subject in this report is the following observation made by the Chief Engineer :— "I have arranged that about the end of this month a Surveyor shall be detached to assist Mr. Bradbury in the Reservoir Survey."

5. Though a different name is used the tank referred to in the November and December reports seems to be the same. It lies to the north-west of the town of Daverhully in latitude 14° 8', longitude 75° 59'.

6. It has struck me that it might be well, before time is spent by the Company's Reservoir Survey party, in ascertaining whether existing tanks in Mysore are capable of improvement, to ascertain whether the Commissioner of Mysore would be disposed to entertain favorably any propositions having for their object the transference to the Company of such tanks. There would be no difficulty in practice in providing for arrangements which would secure to the lands in Mysore all the advantages at present possessed; but there may possibly be other difficulties in the way, and if so, it would be more advantageous that the Survey party should be employed on investigations not liable to interfere with existing interests, and so to prove unproductive of any beneficial results to the Company.

Proceedings of the Madras Government, Public Works Department,
7th April 1865.

7. The report for January does not indicate the work on which Mr. Bradbury is employed, and in which he is to be assisted by a Surveyor. The investigations undertaken in November and December were completed so far as intended for the present, but probably Mr. Bradbury is engaged in the search for sites, and the Surveyor will be employed to examine such sites when found.

No. 115.

ORDER THEREON, 7th April 1865, No. 946.

CIVIL WORKS, No. 23.

The information now before the Government regarding the tanks alluded to in the foregoing letter is much too vague to justify a reference to the Commissioner of Mysore; but upon the Irrigation Company making some definite proposals with regard to the transfer to them of any specified tanks in the Mysore territory, the Government will be prepared to communicate with the Commissioner upon the subject.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Irrigation and Canal Company.
„ Manager for do. do.

Exd. S. T. Augustin.

N^o 221

Consulting Engineers Office,
Irrigation and Canal Co.
Bellary, 10th March 1865.

From,

Captain J. J. Mullins, R.E.,
Consulting Engineer, I.C.C.

The Secretary to Government,

Public Works Department.

Sir,

1st 17/6-12 Dec^r 64.

Report for house

Report for Dec^r

1. My last report on the Reservoir Survey operations was given in the letter as per margin, and in continuation I have the honor to forward extracts from the Chief Engineer's, of the Madras Irrigation and Canal Company, reports for November, December, and January, the last of which reached me this day.

2. "The Gunlakewa Tank, an extensive flat in the Mysore Territory, draining but a very small extent of country of very variable rain soil has been examined and a rough survey is in progress. This is with a view of possibly of leading into it a Channel from the Tombuddra and converting it into a reservoir of considerable capacity. I expect a report from Mr. Gordon on the subject next month. Further examination of the localities on the Tonga and Buddra will take place this month by Mr. Gordon and such further surveys as he may see to be required will be proceeded with. The results will appear in the next report."

3. The Tank at Channagaherry in the Mysore Country has been examined and levels taken from it to the Tombuddra. This large natural lagoon is found into a Tank by a short dam and retains nearly the whole water falling into it, but the area drained into it is very small and the object of this survey was to ascertain its level compared with the Buddra river, and the probability, or otherwise of bringing a supply into the Tank from

"from that source. The Tank can be at a very small
"Comparative cost made to contain a large supply of water
"and this scheme suggested for consideration by Mr. Gordon
"was well worth investigation. The lands are not favorable
"and I fear the project can scarcely be carried out. A
"tunnel of some cost and 50 miles of Channel from
"about Luckawally would be necessary but on the other
"hand the same Channel could be employed to irrigate
"a considerable extent of land between it and the river
"before crossing the ridge between it and the Tank. When
"the question of Luckawally Tank is decided on, this
"project leading, should it can be further considered.

"The Chinnayah Tank is now undergoing improvement
"by the Mysore Government for the irrigation of a small
"extent of land below it, so that if adopted by the
"Company as a large Reservoir this irrigation will of
"course have to be provided from the Tank."

4. The only notice of the subject in this report Report for January
"is the following observation made by the Chief Engineer:
"I have arranged that about the end of this month a
"Surveyor shall be detached to assist Mr. Bradbury
"in the Reservoir Survey."

5. Though a different name is used the Tank
"referred to in the November and December reports seems
"to be the same. It lies to the north west of the town
"of Daverhully in Latitude $14^{\circ} 8'$ Longitude $75^{\circ} 55'$ vide Atlas sheet
No. 59.

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"he is to be assisted by a Surveyor. The investigations
"undertaken in November and December were completed
"so far as intended for ^{the} present, but probably Mr. Bradbury
"is engaged in the search for sites, and the Surveyor will be
"employed to examine such sites when found.

I have the honor to be,
"Sir,"

Your most Obedient servant,
"Whitman Ellis Captain R.E.
"Consulting Engineer, 1880."

No 946
 Proceedings of the Madras Government
 Under date the 7th April 1865
 Read the following.

From the Consulting Engineer H.C.C.
 Report on the operations of the
 Reservoir Survey for the 2nd quarter ending 31st January 1865.

(Here enter 10th March 1865 No 209)

The information now before the Gov^t regarding the tanks alluded to in the foregoing letter is much too vague to justify a reference to the Commissioner of Mysore; but upon the verification Company making some definite proposals with regard to the transference to them of any specified tanks in the Mysore Territory, the Gov^t will be prepared to communicate with the Commissioner upon the subject.

[Signatures]
 The Consulting Engineer H.C.C.
 " Manager — 20/18

Staff 8th April.

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Copy in a letter to England
of 19th March 1865.

27th March 1865
Memo of Good for
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27th March 1865
Memo of the Right
L. 1865

W. R. 1865

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some definite points
relative to the bones.

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cheerful looks in
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