

(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. | 350  | Press |
| 39-3954  |      | Mis.  |
| Dated    | 3-2- | 1873  |

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,  
3rd February 1873.*

No. 39. Read the following letters:—  
From the District Engineer, Bangalore, to the Chief Engineer, Public Works Department, dated Bangalore, 24th January 1873, No. 914.

I AM much concerned to find from the Government Order of the 15th January on the Dhoby Wells, that they have decided on abandoning five out of the six western wells.

2. The water in these wells appears to me to be of precisely the same quality as that in use by the troops at the present moment, and the wells yield abundantly.

3. The three western wells are not excavated in laterite gravel at all, but in a clayey soil, while those to the east are chiefly excavated in laterite gravel.

4. I would, therefore, respectfully urge that the Government should re-consider their decision with reference to these wells.

5. The Inspecting Engineer will, I believe, endorse my opinion that it would be a mistake to close these wells.

No. 39A. From the Inspecting Engineer for Civil and Military Buildings, to the Secretary to Government, Public Works Department, dated Chepauk, 24th January 1873, No. 61.

WITH reference to the Order of Government of the 11th of January, No. 93, I have the honour to report that I was at Bangalore from the 14th to the 21st, and inspected the wells near the Ulsoor Tank and other works in progress.

2. The wells that have been lately dug are six under the end of the tank bank and three to the east of the wells at present in use. The excavation for the wells under the tank bank and for the tunnels that are to connect them with each other had been nearly completed when the work was stopped at the desire of His Excellency the Commander-in-Chief. The soil through which these wells have been sunk is not the same throughout. In some places it is laterite gravel, and in others sandy clay. When the stone lining of these wells and of the connecting tunnels has been built and the earth filled in, the tank bank will be quite as secure as before. There are several wells and ponds under the tank bank elsewhere.

3. The soil through which the other three wells have been sunk is sandy clay. The water in these wells is stated by Dr. Nicholson to be very good, and I believe his report on the water in the other six wells is not unfavourable. I do not myself see the necessity for abandoning all the wells under the tank bank, but to be on the safe side, the three farthest from those now in use might be given up and the excavation filled in again.

4. Before leaving Bangalore I authorized the District Engineer to commence the repair of one of the filters in anticipation of sanction to the estimate which had already been prepared.

No. 40. ORDER THEREON, 3rd February 1873, No. 350.

MILITARY WORKS, No. 3.

THE District Engineer will carry out the instructions contained in G. O., No. 144, of 15th January 1873, and when filling in the five wells will take care that the work is well tamped.

(True Extract.)

Colonel, R.E.,  
Secretary to Government.

To the District Engineer, Bangalore.  
" Inspecting Engineer for Buildings.  
" Military Department.  
Exd. S. T. Austin.

Office of the Inspecting Eng<sup>3</sup>  
for Civil and Military Bn  
Chepauk 24 January 1872

No 61

From,

Colonel E. A. Ford R.E.

Insptg Engineer for Civil and  
Military Buildings

To,

Colonel G. W. Walker R.E.

Secretary to Government  
Pub. Works Dept

Sir,

With reference to the Order  
of Government of the 11<sup>th</sup> of January  
No 93, I have the honor to report  
that I was at Bangalore from  
the 15<sup>th</sup> to the 21<sup>st</sup>, and inspected  
the wells near the Ulsoor Tank  
and other works in progress.

2 The wells that have been  
lately dug are six under the end  
of the tank bank and three to the

East

East of the wells at present in use. The excavation for the wells under the tank bank and for the tunnels that are to connect them with each other had been nearly completed when the work was stopped at the desire of His Excellency the Commander in Chief. The soil through which these wells have been sunk is not the same throughout. In some places it is laterite gravel, and in others sandy clay. When the stone lining of these wells and of the connecting tunnels has been built and the earth filled in, the tank bank will be quite as secure as before. There are several wells and ponds under the tank bank elsewhere.

The

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3 The soil through which the other three wells have been sunk is sandy clay. The water in these wells is stated by Dr. Nicholson to be very good and I believe his report on the water in the other six wells is not unfavorable. I do not myself see the necessity for abandoning all the wells under the tank bank, but, to be on the safe side, the three farthest from those now in use might be given up, and the excavation filled in again.

4 Before leaving Bangalore I authorized the District Engineer to commence the repair of one of the filters in anticipation of

of sanction to the estimate which  
had already been prepared.

I have the honor to  
Sir

Your most obed<sup>t</sup> servant

E. A. Munn (S. R. E.)

Inspt. Ingr. for Civil  
and Public Buildings

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15 Jan / 73 No 177-180

P. W. 1873 Report  
Proc. of Govt. for February  
No 507.

From  
The Insps Engineers for  
Civil and mil. Bn. Bz.  
To The Secretary to Govt.  
D. O. No.

Dated 24<sup>th</sup> } January  
Received 25<sup>th</sup> } 1873.

No. 61

Reports on the  
wells and other works  
now in progress  
near the Ulsoor  
Tank at Bangalore

No 39 A

With an

Memorandum

Subject to the Section  
of the Insps. of the District Wells.  
Because they are they in  
Clayey soil not to be taken, they  
on account of the inferior  
quality of water, the clayey  
soil is liable to be introduced, had  
these better be built here in  
a circle or sandy gravel  
they would probably have been  
taken to the ground and have  
been obstructed as they  
are - the water showing  
with these better wells was  
simply tank water - to be used  
the supply with the well shown  
would be to be increased to the

P. H. 1873 Report  
 No. 546.  
 The Secretary  
 of Bangalore  
 The Chief Engineer  
 D. P. Madras  
 Dated 24<sup>th</sup> Jan 1873  
 Recd 27<sup>th</sup> —

Respectfully urging  
 that the Government  
 should reconsider  
 their decision in  
 reference to the  
 Sholing Wells.  
 With an order

No. 350  
 The District Engineer and Survey  
 Officer, Bangalore  
 D. P. Madras  
 Dated 24<sup>th</sup> Jan 1873  
 Recd 27<sup>th</sup> —

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Source of supply - We accept  
 as well as the route  
 route. Both is above -  
 There is no objection to  
 the Western Station. The  
 of these wells in the  
 latitude and as a result  
 of the Western Station  
 of them to some for some  
 that station.

Very carefully and  
 totally clear  
 24.1.73

I must show to the  
 order showing the wells -  
 they do not seem necessary  
 & there is a probability  
 that the water will, as  
 seen by H. S. the form  
 in Chief be of an inferior  
 quality. W. H.

*CP 507 4546*  
Govt. of 1873 Madras.  
PUBLIC WORKS.

To *The District Engineer*  
*Bangalore*

Dated

Recd.

Encl.

*G. O. 3<sup>rd</sup> Feb 1873. 350.*

Nos. 39-39A-40

*Mells. N. S. Mys. 20th*

*directed to carry  
out the instructions  
contained in G. O. No.  
144 of 1873 regarding  
the new wells under  
construction near the  
Ussor Tank.*

*2<sup>nd</sup> L.*