

(1) Number of Pages 4

(2) Date of repair 10-5-68

(3) Initials of the Referencer S. B.

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.

B.P. No.

417

Press

Mis.

Dated 2-3-1875 196 .

Not to be folded or roughly handled

No. 658. Read the following endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 30th January 1875, No. 131:—

From R. SMITH, Esq., District Engineer, Nellore, to Lieutenant-Colonel J. MULLINS, R.E., Joint Secretary to Government, Public Works Department, dated Camp at Amuluru, 18th January 1875, No. 97.

In my demi-official note of the 24th ultimo, I informed you that the rubble dam on the northern flank of the Nellore Anicut was completed the previous evening, and I have now the honor to inform you a few particulars concerning it, and the satisfactory results that have been obtained by its construction.

2. It was evident, when the first breach occurred, that nothing but great efforts would suffice to prevent the main channels were very much silted up, and the anicut was rapidly extending a further breach. This was of course the first thing to be done, and for checking the erosion by groins, and for that would soon reduce the discharge to a very small amount. These works were commenced on the 1st of November, and a few days afterwards. The construction proceeded with by day, until the 24th of November, when the water supply, and resolved that work should

* From 27th November to 3rd December.
" 13th to 15th December.

3. The rubble dam is 104 yards in length at the deepest part. The depth at the deepest part is 18 feet, but these were on the slopes of the centre of the gap to admit of repair.

4. Ordinary rubble was used from the commencement of operations, but after a few days a proportion of large stones, varying from 1 to 2 feet in diameter, was required increased as the breach decreased. The large stones were brought by wagons on the road to the dam and thrown into the breach. In connection with the construction of the dam I have to report that S. Ramiah, worked remarkably well in a satisfactory manner. The anicut has been found to be a very useful and hardworking man.

5. I have now, in conclusion, to report the result of a considerable area of inspection of a considerable area of the dam, and to state the measures taken to save

October last subsided, that the southern delta, as the breach at the northern flank of the main stream. To prevent a further breach, and I at once arranged for the construction of a dam across the breach and ultimately stop it. The water and the erosion ceased a dam was then steadily proceeded to be built. I became anxious about the water supply on by night as well as by day, and was accordingly done from that time when interrupted by freshes, the breach was finally closed on the 24th of December last.

The dam is probably 25 or 30 feet high. The water level obtained were 18 and 19 feet. The current was too great towards the dam, and being made there.

The construction of the dam at the commencement of operations, but after a few days a proportion of large stones, varying from 1 to 2 feet in diameter, was required increased as the breach decreased. The large stones were brought by wagons on the road to the dam and thrown into the breach. In connection with the construction of the dam I have to report that S. Ramiah, worked remarkably well in a satisfactory manner. The anicut has been found to be a very useful and hardworking man.

That I have just completed an inspection of a considerable area of the dam, and that I am in a position to state the measures taken to save

Submitted for the information of Government.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

*Proceedings of the Madras Government, Public Works Department,
26th February 1875.*

No. 559.

ORDER THEREON, 26th February 1875, No. 565.

IRRIGATION, No. 59.

the gap to the north of the Pennair Anicut at Selloy, and the assurance that the safety of the crops under the anicut channels has been secured.

2. His Excellency the Governor in Council desires to express his high appreciation of the energetic measures taken by the District Engineer, Mr. R. Smith, and Anicut Superintendent S. P. Head Lascar C. Narayadoo, respectively, discharged the duties.

(act.)

W. A. D. S.
Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for the
District Engineer Nellore
Revenue Department.

Sp. Secy. Genl.

Ed. S. Austin.

Boatman 1870

CHIEF OF BUREAU OF PUBLIC WORKS.

PUBLIC WORKS.

THE CHIEF ENGINEER OF NAVIGATION

Dated February 20th.

Per *Mar. 2^d*

C. D. 1st February 1875, No. 303

FEBRUARY.

No. 658-659

Received of the Chief of Bureau of Public Works
the sum of \$100.00 for the first of February
1875, in full of the amount of the first of February
1875, to the sum of \$100.00.

Carroll C. Cotten
Board of Revenue

2^d March 75