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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Review

DEPARTMENT

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Dated	23.5.1877	197 .

to be folded or roughly handled

2913
GOVERNMENT MADRAS.

PUBLIC WORKS DEPARTMENT.

11th May 1877, No. 19 I.

Irrigation.

Read the following papers:—

No. 37. From W. A. GOODCHAP, Esq., District Engineer, Kurnool, to the Chief Engineer for Irrigation, Public Works Department, dated Kurnool, 10th April 1877, No. 25.

With reference to your memorandum No. 18 KR of the 30th March last, I have the honor to furnish the information therein called for.

2. It must be understood that there is no masonry-built anicut across the Gundlacumma river, but that the water is kept back by means of a heavy embankment, in the latter of which three or four masonry culverts on rock are inserted at a high level. This embankment was cut through by Mr. Farmer. Early this year, under orders from the Honorable D. Arbuthnott, the Special Engineer, Mr. Johnston, threw a ring bund in front of this cut and banded up the water. The height of the water before the embankment was breached, before the earthen bunds were removed, and while irrigation was in progress, was 161.41 (T.R.D. Escape crest 228.94) and that maintained now is 160.86 or 1.55 feet lower. The water is just trickling down the Cuthwa Channel, but not in sufficient quantities to be available for irrigation. The channel itself acts now, in a small measure, as a means of escape for flood-water.

3. The plans and estimate of the Peddacumbum Channel are in hand now, but as the dimensions of the channel depend in a great measure upon whether it is to be a means of supply to the Cuthwa Channel or not, or, in other words, whether the river is to be dammed or not, early information as to the final decision of Government is respectfully solicited. In the meantime Mr. Johnston has been instructed to take up another channel.

No. 4 I.

No. 37-A.

Note by the Chief Engineer for Irrigation.

The information given by the District Engineer, Kurnool, regarding the rebunding of the Gundlacumma at the head of the Seekrail Cuthwa Channel is in reply to a reference from this office made with reference to remarks of Members of Government in Council on the 29th March last. It will be seen that the water-level before the bund was breached was 1.55 feet higher than that at the beginning of this month, but that the lower level is practically of little use for irrigation.

2. The District Engineer's description of the way in which the Gundlacumma bund is difficult to understand in connection with the formation of earthen bund above the (crest of the?) anicut or with Major Hasted's remarks in paragraph 9 of his report in Proceedings, Madras Government, No. 2,846, dated 25th October 1876, and in his letter in Proceedings, Madras Government, No. 3,429, dated 15th December 1876. The bund has been reported to in correspondence during the last

PUBLIC WORKS DEPARTMENT

MAY 1877, No. 19 I.

year, and it is somewhat startling to find

* Major Hasted's memorandum, paragraph

to the District Engineer's letter by high level supplemented by the irrigation dam of whatever kind across a river (instance) the bunds of tanks so situated are masonry or dry-stone structure over which water flows whenever the river or stream is in fresh. Possibly the bunds above the anicut were bunds closing the three or four culverts.

that there is no anicut, especially when disposal of the whole surplus of the abum tank, estimated at 4,000* cubic a second, has to be effected according four masonry culverts on rock at a anel. An anicut is perhaps generally ream and in some districts (Salem for instance) the bunds are termed anicuts, but usually an anicut is a masonry or dry-stone structure over which water flows whenever the river or stream is in fresh. Possibly the bunds above the anicut were bunds closing the three or four culverts.

(Signed) J. MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department.

No. 38.

ORDER THEREON, 11th May 1877, No. 19 I.

HIS GRACE the Governor in Council, considering that there is no reason for doubting that the bunding of the Gundlacumma for the supply of the Cuthwa Channel is prejudicial to the town of Cumbum, directs the removal of the ring bund which has been placed in front of the cut through the embankment, and the provision of an ample free passage for water at all times.

2. The District Engineer will provide as early as possible for the supply of the Cuthwa Channel from the Pedda Cumbum Channel.

3. With reference to the observation of the District Engineer that there is no masonry-built anicut, but a heavy embankment only across the Gundlacumma river, Mr. Goodchap will furnish information as to the precise character of the dam, showing what and where the earthen bunds were which were removed before the embankment was cut through, and how the surplus from the Cumbum tank was disposed of. Illustrative drawings should accompany the description.

(True Extract.)

Wm. Mullins

Lient.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the District Engineer, Kurnool.
" Chief Engineer for Irrigation.
Revenue Department.

Revenue Department
No 2615

IRRIGATION.

Govt. of 1877 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,

KURNOOL,

&c., &c., &c.

Dated May 11th.

Issued

Recd. 23 May 1877 Encl.

G. O., 11th May 1877, No. 19 I.

MAY.

Nos. 37-38.

Seckrui Cathwa Channel, East of
trick. — Passing orders on note by the
Engineer for Irrigation regarding the
bundling of the Gundlacuama
supply of the — No 2413.

14/5/77
To the District Engineer
Kurnool
11/5/77