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(3) Initials of the Reference

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Government of Madras.

DEPARTMENT.

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Dated 5-12 19 .

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 15th December 1871.

No. 270. Read the following letter from the Acting Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Ponniar Anicut, 29th November 1871, No. 196 —

I HAVE the honour to forward, for the information of Government, a report from the Officer in charge of Tindevanum Range, South Arcot, of the damages caused by the late heavy rains.

1 Copy of letter.

2. I myself passed along the road from Tindevanum to Trinomalay during the 25th instant, which was a day of incessant rain The road was then perfectly passable, and indeed it was difficult to believe it had been lately so seriously damaged, this and the absence of failure in any of the masonry works, which must have been severely tried, speaks volumes for the good work done in Mr. Graham's Range, and also for the excellent system which must obtain to permit of extensive damages being so promptly repaired.

3. I refrain from making any call on Government for additional funds, until I am in receipt of full information from other ranges.

From the Assistant Engineer No 2 Range, South Arcot, to the Superintending Engineer, 5th Division, dated Tindevanum, 20th November 1871, No 141.

I HAVE the honour to report that during eleven days of this month, 6th to 16th, much rain fell in the Tindevanum and Trinomalay Talooks, filling the rivers and tanks to an unusual height Water had free play over all the roads in this range, overtopped the bridges and tunnels, made heavy breaches, damaged the surface in many ways, and stopped all traffic on five roads for four days

2 The causeway across the backwater near Mercanum has been much damaged, but not quite breached, the two bridges on it are not injured in any way The salt roads about Mercanum are still under water, nothing can be told of their state at present

3 The road between Gingee and Chetput, which runs by the side of the Gingee river for 3 miles, has suffered the most from breached tanks and the overflow of the river, and will cost Rupees 2,250 to put it in order

4 The line between Tindevanum and Trinomalay has been very much damaged The Thandyar river, 10th mile, rose to a height of 23 feet, submerged the bridge of 3 arches of 30 feet, swept away the approaches, but left the bridge uninjured. The Gingee river, 17th mile, rose to 20 feet, breached and damaged the road very much for several miles, but left the Gingee bridge, 5 arches of 45 feet, uninjured

5 The roads Trinomalay to Trikalore and Trinomalay to Manaloorpett were also breached, but not heavily

6 I am happy to say I have not lost a masonry work of any kind. I have seen all the damaged roads, the breaches are being closed, carts can pass, and, with a few days of fine weather the roads can be put in fair order again. I submit, herewith, an estimate of Rupees 3,440 for closing the breaches on the above-mentioned roads for early sanction.

7. Up to this date, thirty-six tanks in the Tindevanum Talook, and fourteen in Trinomalay are known to have breached As usual orders have been given to close all breaches as soon as measurements have been taken Estimates for these repairs shall be prepared and submitted without delay, they will probably not amount to more than Rupees 4,000, for which an additional grant will be required

8. Fortunately there was not much wind with the rain, otherwise the number of breached tanks would have been great.

U

Salt-roads

Proceedings of the Madras Government, Public Works Department,
15th December 1871.

No. 271. ORDER THEREON, 15th December 1871, No. 3,162.

ESTABLISHMENT, No 13. ORDERED to be recorded.

(True Extract)
(Signed) J. CARPENDALE, Colonel, R E,
Secretary to Government.

To the Editor's Table.

Ex'd. E. C Saunder.

No 2 Range Office,
Tinderamum
20th November 1871.

No 141.

From,
The Assistant Engineer,
No 2 Range, South Arcot.

To,
The Superintending Engineer,
5th Division.

Sir, I have the honor to report that during 11 days of this month, 6th to 16th, much rain fell in the Tinderamum and Trinomalay & Jahige, filling the rivers and tanks to an unusual height. Water had free play over all the roads in this range, overtopped the bridges and culverts, made heavy breaches, & damaged the surface in many ways and stopped all traffic on 5 roads for 4 days.

2 The causeway across the back-water near Marcanum has been much damaged, but not quite breached, the 2 bridges on it are not injured in any way. The

Salt-roads

Salt-roads about Marcanum are still under water, nothing can be told of their state at present.

3. The road between Ginjee and Chetput, which runs by the side of the Ginjee river for 3 miles, has suffered the most from breached tanks and the overflow of the river, and will cost Rupees 2,250 to put it in order.

4. The line between Tindevanum and Trinomalay has been very much damaged. The Thandigar river, 10 th mile, rose to a height of 23 feet, submerged the bridge of 3 arches of 30 feet, swept away the approaches, but left the bridge uninjured. The Ginjee river, 17 th mile, rose to 20 feet, breached and damaged the road very much for several miles, but left the Ginjee bridge, 5 arches of 45 feet, uninjured.

5. The roads, Trinomalay to Tirkalore, and Trinomalay to Manaloorpett, were also breached but not heavily.

6. I

am happy to say I have not lost a masonry work of any kind. I have seen all the damaged roads, the breaches are being closed, carts can pass and with a few days of fine-weather the roads can be put in fair order again. I submit herewith an estimate of Rs 3440 for closing the breaches on the above-mentioned roads for early sanction.

7. Up to this date, 36 tanks in the Tindevanum Taluq, & 14 in Trinomalay, are known to have breached. As usual, orders have been given to close all breaches as soon as measurements have been taken. Estimates for these repairs shall be prepared and submitted without delay; they will probably not amount to more than Rs 4,000, for which an additional grant will be required.

8. Fortunately there was not much wind with the

rain

rain, otherwise the number of breached tanks would have been great.

I have &c.ª

/Signed/ F. Graham Lieut.ᵗ
Assistant Engineer

/True Copy/

James Vertue Captain R.E.
Offg: Supg: Engr: 5th Divn:

Enclosure 1
Copy of Letter.

Superintg Engrs Office 5th Divn
Coonoor Cantonment, 29th November
18[illegible].

No 196.

From Captain James Vertue, R.E.,
Offg Superintending Engineer,
5th Division

To Colonel J Carpendale, R.E.,
Secretary to Government, Mily Dept.
Madras.

Sir,

I have the honor to forward for the information of Government a report from the Officer in charge of Jindivanam Range, South Arcot, of the damages caused by the late heavy rains

I myself passed along the road from Jindivanam to Tirunalay during the 25th Instant, which was a day of incessant rain The road was then perfectly passable, and, indeed, it was difficult to believe it had been lately so seriously damaged: this and the absence of failure in any of the masonry works, which must have been severely tried, speaks volumes for the good work done in Mr Graham's Range and also

for

Report of the Assistant Engineer in charge No 2 Range of Jindivanam Range on the 4 Lines of damage done to roads in the N.A. District by the heavy rains as per Circular [illegible]

C.E. No 5/1/28/70.

for the excellent system which must obtain to permit of extensive damages being so promptly repaired.

I refrain from making any call on Government for additional funds, until I am in receipt of full information from other Ranges.

I have the honorable
Sir,
Your most obedt servant

James Abbott Captain RE
Offg Superintg Engineer
5th Div

for the
obtain
being

any ca
addr
in pen
other

Lewis

No 5728.

From The Offg Supg Engr.
5th Division,

To The Secretary, Bd Govrs.
D. P. W.

Dated 29th November
Rec'd in Secretary's Office 1871.

No 196.
Enclosure 1
Damages caused by
late heavy rains.—

Forwarding, with certain
observations, a report
from the Officer in charge
of No. 2 Range South Rest,
of the damages caused
by the late heavy
rains.

No 3462-dx Dec 7/71

6 Y. Dec 7/71

Approved
Lewis
Offg Supt.

Dec 7th 1871.

No 3162.

Cobl of 1871 Madras.

PUBLIC WORKS.

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For [illegible]

[illegible] 15th Decr 1871, No 3162.

Nos. 270 271

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