M.R. O. 1—82,000—16-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons 1-12-57

G.O. No. 2224 Press Mis.

608 [illegible]

Dated 1-12-1957

Not to be folded or roughly handled

F

No 5379

Extract from the Proceedings of the Chief Engineer in the Department of Public Works Montreal

Under date the 20th November 1857.

Read the following

Communication 19th November 1857.

From Captain J.H. Mundell
District Engineer Gaspé Dist.

To Colonel C.C.S. Pilkington
Chief Engineer P.W.D.

Sir,

I regret to have to inform you that a breach has occurred in the Embankment of the Channel this day. I had just returned from Cascapedia when I received intelligence from the Sub Engineer M. Edmunds, that the Communication had been cut, and on proceeding immediately to the spot I found that a portion of the Channel had given way.

The water had just begun to fall and previously to the Breach being made the work to be destroyed, had been over the whole Channel the previous day and found every thing as usual, without the least appearance of cracks or any thing

indicative

indications of an accident, or weakness in the work.

No one except a Person appointed to have seen the breach last Repaired since it occurred about noon-time, knew that, suddenly a report like that of a Cannon was heard, succeeded by the rushing of the Current through the opening. The breach reached inward to about 90 yards since which no further injury has taken place. The sides of the breach were secured by Mattresses, a quantity of which is always kept at hand, and all the necessary arrangements are now completed for the Closing of the work to have the water at its former level.

The only reason that I can assign for the occurrence is, that clearing the fresher, a material amount of the Eastern Bank, and removing the hole below the work. This hole I had given caused the Current to impinge with greater force upon the work, and to undermine the foundation. I presume that the Current, would after a time have scoured a deeper one, and that as soon as the bed of the River below the Dam had been bare. The pressure from the head of water on the upper side had caused the

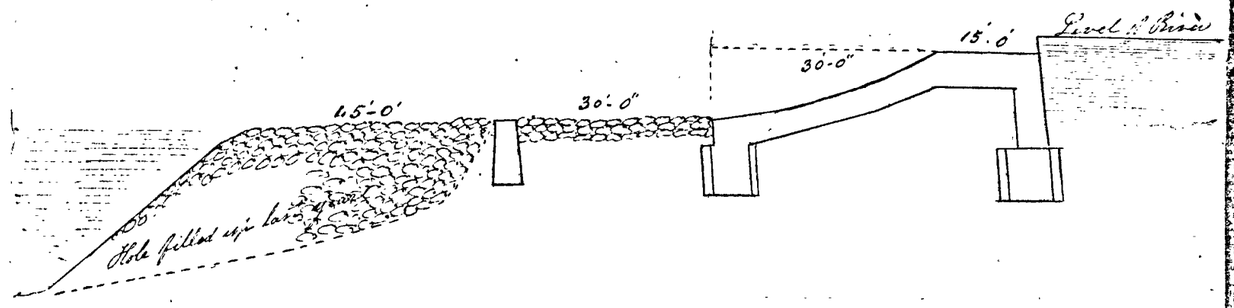
the sand from under the wells into the hole below, and so caused the subsidence of the work itself. The accompanying Sketch will illustrate my meaning.

The repair of the work will be an easy matter the chief difficulty being in stopping the breach temporarily. The operation shall be watching on the part of the Department to effect this in the least possible time.

I have &c.

(Sd) Alfd. W. Tindall Capt.
R.E. Engr. in Chief

Calcutta
1st November 1839.



Resolved, that a transcript of the foregoing Return from the Chief Engineer of a Report by Capt. Tindall on the Mutlah branch of the Godavery Canal, be immediately transmitted for the information of Government.

(Sd) Alex. Taylor Colonel
Chief Engineer

(Sd) W. Secretary to Government
P.W. Department

1839

Public Works Office

No 2224

Extract from the Minutes of Executive Council

Under date 1st Dec 1857

Read the following -

- ing Extract from the Dft -

- ecedings of the Chief

- Engineer.

Same entered 20 November 1857

Approved

The Government

desiry Report to Council

the execution Main Drain

executed by the Middlesex

Branch of the Godwin

Armenia. The Chief

Engineer will be an

good car immediately

to

Ordered by the Lt Governor in Council on the 12th August 1858 No 21.

No 108.

Ordered by the Lt Governor in Council on the 12th Dec 1858 No 2330

Ordered by the Lt Governor in Council on the 20th November 1857

No 3379.

Ordered by the Lt Governor in Council on the 13th December 1858

Authorizing payment of account for Stone supplied by the Director of Engineer & Canals for the Main Drain executed by the Middlesex Branch of the Godwin Armenia Drain

C25 Nov 24 27th

to obtain from the District Engineer a sketch of the means he proposes to adopt for turning the stream and repairing the breach.

2. The Right Honble the Governor in Council is of opinion that so great and important a work should be daily inspected by an European Officer and that such inspection is not to be reposed in native examination.—

9 Copies to the Chief Engr Cuttack

Copy in a Letter to Engr.
Dr 12th August 1858 - No 22.

Public Works 1857 Sept.
Cons 1st Dec.

No 2224.

Extract Mins of Cons.
Dr 1st Dec. 57.

No 108 & 109.

Requesting the Chief Engineer to obtain from the District Engineer of Rajahmundry a Sketch of the means he proposes to adopt for turning the streams and repairing the breach in the Muddoor branch of the Godavery Annicut.

C 25 Mun. P. 27 Nov 58