

(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.	358-(9)	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	13 - 2 - 1954		

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
13th February 1874.*

Read the following papers :—

No. 260. From Captain G. SKIPWITH, R.E., Assistant Secretary to the Government of India, Public Works Department, (Irrigation,) to Lieut.-Colonel J. MULLINS, R.E., Joint Secretary to the Government of Madras in the Public Works Department, Irrigation Branch, dated Simla, 16th October 1873, No. 760-I.

I AM directed to forward, for information, the papers marginally noted
Letter No. 270, of 17th June 1873, from Superintendent of Works, Eastern Indus, to Superintending Engineer for Irrigation in Sind, and accompaniment. relative to silt experiments at Sakkar and Haidrabad in Sind.

No. 31.

No. 261. *Note by the Chief Engineer for Irrigation.*

THE subject of the amount of silt held in suspension by river water at different velocities is one which has a practical bearing on the arrangements of river channels, and it deserves more attention than it has yet in this Presidency received. It will be advantageous to ascertain what proportion the annual or periodical clearances of irrigation canals and channels bear to the volume or quantity of water carried, where this latter is capable of determination with a fair degree of accuracy. It is certain that the differences in the quantities of silt deposited in irrigation channels of different districts by the water which they convey are great, and that the cost of maintenance consequently varies very considerably.]

FORT ST. GEORGE, (Signed) J. MULLINS, Lieut.-Colonel, R.E.,
14th January 1874. *Chief Engineer for Irrigation.*

No. 262. ORDER THEREON, 13th February 1874, No. 358.

IRRIGATION, No. 17.

ORDERED to be communicated to the Chief Engineer for Irrigation and to the District Engineers of all districts, except the Presidency, Bangalore, South Canara, and Malabar.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
To District Engineers concerned.

Exd. E. C. Shunker.
Spare Copies

No

No. 31

2
2

Note by the Chief Engineer for Irrigation.

The subject of the amount of silt held in suspension by river water at different velocities is one which has a practical bearing on the arrangements of river channels, and it deserves more attention than it has yet in this Presidency received - It will be advantageous to ascertain what proportion the annual or periodical clearances of irrigation Canals and Channels bear to the volume or quantity of water carried, where this latter is capable of determination with a fair degree of accuracy - It is certain that the differences in the quantities of silt deposited in irrigation channels of different Districts by the water which they convey are great, and that the cost of maintenance consequently varies very considerably.

St. George
January 1874.

Wm. L. L. L.

Lieut. Colonel R. G.

Chief Engineer for Irrigation.

To,

The Secretary to Government
Public Works Department.

From the Phys. for Eng^g (H.C. No 31 of 14 Jan 74)

May. 14/1/74

J.M.W.

Stⁿ Engineers concerned with a copy of a printed
Enclos: from the C^y of India to each ✓

Dec 14/2/4.

Dated 14th }
 Recd. 19th } January 1874.
 No. 31.

12/21/22

See entry 2029
Note on the subject of the

amount of silt-held in
suspension by river water

At 10.15 AM. Went to library
dinner at 1.15 PM.

2/10-358-13 2nd day/74

269

Cp. 337

Govt. of 1874 Madras.

PUBLIC WORKS.

1. *Holdings Cues for
Irrigation*

Dated

Recd.

Encl 1

G. O. 13th July No. 358.

No.

160 @ 162

Silr. Note by the Supt.

For Engrs. re letter from the
Govt. of India forwarding
~~of~~ papers on the subject
of the experiments made in
Sakkhar & Naidarabad
in Sind for ascertaining
the amount of silt held in
suspension by river water,
Comd. to the Officers concerned.