

(1) Number of pages 8

(2) Date of repair 11/11/70

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2872

Press
Mis. =

Dated 29-11- 1870.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
29th November 1870.*

No. 521. Read the following letter from the Executive Engineer on special duty, to the Chief Engineer for Irrigation, dated Madura, 8th November 1870, No. 221 :—

I HAVE the honour to submit the subjoined report showing the progress made during October 1870 in maturing the scheme for the diversion of the Perryaur.

2. The principal field-work in the plains having been completed at the end of September, Lieutenants Christie and Greer were chiefly engaged in plan drawing and in plotting sections. I commenced the detailed calculations and designs for the works on the north of the Vigay immediately after your tour of inspection, and I have to add the more I go into details the more convinced I am that no Perryaur water should be stored below the Paranay anicut.

3. From the water registers of the Perryaur last year, I gather that 198,767,400 cubic yards must be stored for the 78,000 acres proposed to be irrigated from July to November inclusive, and that this storage capacity will suffice to bring 57,000 acres of second crop to maturity.

4. Annexed is an abstract of the out-door operations during the month under notice :—

Rank and Names.	Number of miles of branch channels set out.	Lineal miles of country surveyed.	LEVELLING OPERATIONS.	Miles plotted.	Number of permanent bench marks fixed.	Number of trial pits sunk to the full depth.	Remarks.
			Trial sections, miles.				
Lieutenant M. Greer, R. E.	6	...	...	...	2	20	Five days sick.
Surveyor C. Sashachellum Moodelliar.	30	...	...	...	11	40	
Surveyor Chinniah Pillay.	2½	...	26½	...	...	...	
Acting Surveyor Kistna Row.	...	46½	...	...	...	...	Round tanks.
Surveyor Walter ...	...	...	...	1	3	...	Services dispensed with chiefly for in-subordinate conduct.
Total...	38½	46½	26½	1	16	60	

No. 522. ORDER THEREON, 29th November 1870, No. 2,872.

IRRIGATION, No. 35.

ORDERED to be recorded.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

Ed. E. C. Shunker.

N^o 221

From

Special Executive Engineers Office
Madras 8th November 1870

R. Smith Esquire

Executive Engineer, On Special duty

To

Madras District

Major J. Mullins R.E.
Chief Engineer, for Irrigation

Madras

Sir

I have the honor to submit the
subjoined Report showing the progress
made, during October 1870, in maturing
the Scheme, for the diversion of the Periyar.

2. The principal field-work, in
the Plains, having been completed, at the
end of September, Lieutenants Christie
and Greer were chiefly engaged in plan
drawing, and in plotting sections. It was
commenced the detailed calculations and
designs, for the works, on the North of
the Vigar, immediately after your tour
of

of inspection, and I have to add the more
I go into details, the more convinced I am
that no Periyar water should be stored
below the Parany Anicut.

3. From the Water Registers, of
the Periyar last year, I gather that
198,76400 Cubic yards, must be stored
for the 48,000 acres proposed to be
irrigated from July to November,
inclusive; and that this storage capacity
will suffice to bring 57,000 acres of second
crop to maturity. —

4. Annexed is an abstract of the
out-door operations, during the month under
notice:—

Rank and Names	Number of miles of canals surveyed	Lineal miles of canals surveyed	Levelling operations Triangulation in miles	Miles plotted	Number of permanents marked	Number of piles sunk to the full depth	Remarks
Lieutenant M. G. R.	6	"	"	2	20	5 days sick	
Surveyor C. Ashachellam allodellian	30	"	"	11	40		
Surveyor Chinniah Pillay	2 1/2	"	2 1/4	"	"	"	
Assistant Surveyor Prudhna Rao	"	4 1/4	"	"	"	"	Round Banks
Surveyor Walter	"	"	"	1	3	"	Services dispensed with - Chiefly for insubordinate conduct
Total	38 1/2	46 1/4	26 1/4	14	60		

I have

I have the honor to be
Sir,
Your Most Obedient Servant
G. M. R.
Executive Engineer
On Special duty
Madura District

1871/1872 Oct 11
Oct 11-30 1871

From 21st Dec 1870 to 21st Dec 1871

1st Div. (December 1871)

Pro of head dash

March 1st 1871

2nd Div. (Dec 1871)

The Dec. 1871

for edging around

March 1st

March 1st 1871

March 1st 1871

March 1st 1871

March 1st 1871

March 1st 1871

March 1st 1871

March 1st 1871

March 1st 1871

Feb. 1871 1872

Mar. 14/11/70

March 1st 1871

March 1st 1871

March 1st 1871

2/24/20
Govt. of 1870: Madras.
PUBLIC WORKS.

Date
Recd.

G. O. 29th Aug. No. 2872.

No. 521522
Perrys Project. The Project
Report of the Investigation
of the Perrys Project
for the month of Feb. 1872,
Recorded.