

(1) Number of pages 14
(2) Date of repair 20-12-43
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2994	Press Mis.
272-73	
Dated 18. 12.	1862.

Not to be folded or roughly handled

20-12-43
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*Proceedings of the Madras Government, Public Works Department,
13th December 1862.*

No. 272. Read the following letter from Lieutenant-Colonel S. O. E. LUDLOW, R. E., Deputy Chief Engineer, Northern Circle, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Public Works Department, dated Chepauk, 20th November 1862, No. 480 :—

SIR,

1. In pursuance of Order of Government No. 1,614, dated 10th July 1862, Public Works Department, I have the honor to forward a letter from the

1 Letter from the District Engineer, Kistna,
No. 118, dated 12th November 1862.
1 Sketch map.

District Engineer, Kistna, together with a sketch map of the Gudur Purgana, showing the various irrigation channels which intersect it.

2. A reference to the map will show how the irrigation of the Zamindári is inextricably mixed up with that of the Government villages. From Major Anderson's letter it appears that, with the exception of the sluices at the Butter Codoo branch Channel, which is opened from the Musulipatam Canal, there are no sluices in any of the other Channels in the Gudur Purgana.

3. The Government villages both to the north and south of the Zamindári as well as within its limits it would also appear are supplied with water by the different channels.

No. 273. ORDER THEREON, 13th December 1862, No. 2,994.

1. The question referred for consideration in the Public Works Department in paragraphs 14 and 15 of the Proceedings of Government, dated 19th June 1862, No. 1,353, Revenue Department, was how the extent of irrigation that might be supplied to the Gudur Estate, whose restoration was directed in G. O., dated 18th June 1861, No. 1,214, could be ascertained, in order that the Government demand on the Zamindár for water rate might be determined, without having recourse to an annual measurement of the irrigated area : a course advocated both by the Collector and the District Engineer as being the only one practicable. The opinion of Government on this point was couched in the following terms :—“ The papers under review do not state “ whether any Government villages receive water from the same sluices as this Estate. If not, His “ Excellency in Council is of opinion that the simplest plan would be to deliver at those sluices “ the water required by the Zamindár or his agents from week to week, and to exact payment at “ a rate to be determined on as equivalent to 3 Rupees per acre. The Zamindár and Ryots could “ then follow their discretion in using the water, and the Government would have a guarantee “ against waste. An allowance would of course have to be made for the 8,817 acres included in “ the fixed Peshkash. The Collector considers that the rapid deposits of silt would render any “ figures founded on a measurement, or series of measurements, of the depth and velocity of the “ channels, unworthy of reliance a few weeks later. The system, however, has been found to “ answer in Bengal, in the north of Italy, and elsewhere, and it seems to be the best where large “ properties are concerned.”

2. On the receipt of the above Revenue Proceedings the Deputy Chief Engineer, Northern Circle, was requested* to report whether any and what Government villages received water from the same sluices which irrigated the Gudur Purgana ; and he now supplies this information in his letter above recorded.

3. From this communication it appears that the irrigation of the Estate is inextricably mixed up with that of the Circar villages ; that there are no sluices to any of the Channels in the Zamindári with the exception of those at Butter Codoo branch Channel which is opened from the Masulipatam Canal ; and that the Government villages both to the north and south of the Purgana as well as within its boundaries are irrigated by the different channels.

4. Under the foregoing circumstances, and after a careful consideration of the subject, it would seem that the only course open for ascertaining the extent of irrigation supplied to the Gudur Estate is that suggested by the Collector, viz., to measure annually the irrigated area.

(Signed.) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

N^o 480.

From

Lieut. Col. S. O. Ludlow R.E.
Deputy Chief Engineer T.C.

To

Colonel W. F. Birdwood
Secretary to Government D.P.W.

Enclosures 2. Sir

1. Letter from

the D. C. Engr.

Astinah

No. 118 dated

12th Nov. 1862

1. Sketch Map

In pursuance of order of Govt. No. 1614,
dated 10th July 1862, D. P. W. I have the
honor to forward a letter from the District
Engineer Pichia, together with a Sketch
Map of the Gudur Pergunnah, showing
the various irrigation channels which
intersect it.

2. A reference to the Map will show
how the irrigation of the Zemindary is in-
extricably mixed up with that of the Govt.
villages. From Major Anderson's letter
it appears that, with the exception of the
Sluices at the Butter Coodo branch
Channel, which is opened from the
Musalipatam Canal, there are no
Sluices in any of the other channels
in the Gudur Pergunnah.

3. The Government villages both

to the North and south of the Zemindary
as well as within its limits it would
also appear are supplied with water
by the different channels.

N.C. Office.
Chepauk
20 Nov 1862.

I have the honor to be
Sir
Your Most Obedient
Servant

J. B. Muller Esq. R. E.
Deputy Chief Engineer &c.

To
Colonel W. J. Birdwood R. E.
Secretary to Government P. M. S.

Cd. H. S. S. S.

No 2994. Public Works Department
 Proceedings of the Madras Government
 Under date No. 13th June 1862
 Read the following letter
 From the Deputy Chief Engineer at Anand

Forwarding a letter from the District
 Engineer Hoistna. Together with a
 sketch map of the Sudur Perganah
 showing the various irrigation channels
 which interest it, in pursuance of
 order of Govt No 1614 dated 10 July 1862.

Q. O. No 20th Nov 1862 No 480

The question referred for
 consideration in the Public Works
 Department in paras 14 and 15 of the
 Proceedings of Govt dated 19th June
 1862 No 1353, Revenue Depart-
 ment, was how the extent of irrigation
 that might be supplied to the
 Sudur Perganah, whose restoration
 was directed in Q. O. dated
 18th June 1861 No 1214, could
 be

[Signature]

[Signature]

No. 16th July 1862
 186-187-

No 2994. 13th Dec 1862
 Govt of Madras

From
 The Deputy Chief Engineer
 at Anand
 Forwarding a letter
 from the District Engineer
 Hoistna. Together with a
 sketch map of the Sudur
 Perganah showing the various
 irrigation channels which
 interest it, in pursuance of
 order of Govt No 1614 dated
 10 July 1862.

Dated 20th Nov 1862
 No 480

Q. O. No 20th Nov 1862 No 480

Forwarding a letter

from the District Engineer

Hoistna. Together with a

sketch map of the Sudur

Perganah showing the various

irrigation channels which

interest it, in pursuance of

order of Govt No 1614 dated

10 July 1862.

No 2994.

13th Dec 1862

No 2994. 13th Dec 1862

be ascertained, in order that the
Govt demand on the Zemindar
for water rate might be de-
termined, without having re-
course to an annual measure-
ment of the irrigated area; a
course advocated both by the
Collector and the District
Engineer as being the only
one practicable. The opinion
of Govt on this point was ex-
pressed in the following terms:-
"The papers under review do not
state whether any Government
"villages receive water from the
"same places as the Estate.
"If not, His Excellency in
"Council is of opinion that the
"simplest plan would be
"to deliver at those places in
the

"the water required by the
"Zemindar or his agents from
"well B to well C, and to exact
"payment at a rate to be
"determined on as equivalent to
"3 Rs per acre. The Zemindar
"and Ryots could then follow in
"their discretion in using the water,
"and the Govt would have a
"guarantee against waste. An
"allowance would of course have
"to be made for the 8,817 acres
"included in the fixed Peshkash.
"The Collector considers that the
"rapid deposits of silt would
"render any figures founded on
"a measurement, or series of
"measurements, of the depth in
"and velocity of the channels,
"unworthy of reliance as far as

The Govt on the subject of the
"annual measurement of the
"water required for irrigation
"by the Government Ryots
"is of opinion that the
"simplest plan would be
"to deliver at those places in
the

"next to later! The system, "
"however, has been found to be "
"answers in Bengal, in ^{the} north "
"of Italy and elsewhere, and "
"it seems to be the best where "
"large properties are concerned."

On the receipt of the "
"above Revenue Proceedings "
"the Deputy Chief Engineer "
"Mr. Circle was requested to "
"report whether any and "
"what Poot villages received "
"water from the same places "
"which irrigated the Gudur "
"Purgana; and he now "
"supplies this information "
"in his letter above recorded."

From this communication "
"it appears that the irrigation "
"of the Estate is inextricably "

*
G. O. dated 10th July '6
No 1614

mixed up with that of the "
"Circar villages; that there are "
"no places to any of the "
"channels in the Zemindari "
"with the exception of those at "
"Butler Codo branch Channel "
"which is opened from the "
"Masulipatam Canal; and "
"that the Poot villages both "
"to the North and South of "
"the Purgana as well as "
"within its boundaries are "
"irrigated by the different "
"Channels."

Under the foregoing "
"circumstances and after a "
"careful consideration of the "
"subject it would seem that the "
"only course open for ascertain- "
"ing the extent of irrigation is

supplied to the Indians
estate is ^{that} suggested by the
Collector of the measures
annually the irrigated areas.

At many times the
have been made for
the irrigation of the
to the land.
as well as the
to the land.
to the land.

13 Copies

The Deputy Chief of Dept. C. with 2 Encls. Disp. 15 Dec.

21. " Revenue Department

To the Chief of Dept. C.

Public Works 1862 Depart^{mt}
Pro: of Govt for December

No 2994

Proceedings of the Madras
Government

Dated 13th December 1862.

Letter from the Dy
Chief Eng^r to the sub^{mt}.
containing letter from the Dy
Chief Eng^r to the Dy
with a sketch map
of the Gundur Pergana
with orders thereon.

No 272-273.