

MADRAS RECORD OFFICE.

Government of Madras.

Suburban Works

DEPARTMENT

G.O. No.	121	Press
		Vis.
Dated	17-7-67	18

Not to be folded or roughly handled

A5

B5

A4

B4

A3

B5

A4

No. 48. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 25th August 1857, No. 3135.

SIR,

I have great satisfaction in forwarding for the information of Government, copy of a report by the District Engineer of Trichinopoly, on the present state of the channel, by which the Coolayaur, or surplus water of the Laulgoody Talook, is carried across the Nundeyaur, for the irrigation of land in Arrialoor.

* In Ex. Mins. Cons. No. 64, dated 10th February 1855. † Ex. Mins. Cons. 4th March 1856, No. 327. Ex. Mins. Cons. No. 329, dated 18th February 1857.	Rs. 1,800 6,800 ----- Total... 8,600	2. This project sanctioned in 1855, to the amount of 30,000* Rupees, (increased afterwards, by 8,600,† for the annicut) has now it appears been successfully completed, and it only remains for the Collector to shew, that the people appreciate and employ the valuable supply of water, afforded to them.
---	---	---

3. Lieutenant Ryves shews, that in a low state of the main river, the quantity of water passing the Head Sluice, was 12,000 cubic yards per hour, or at the highest calculation, sufficient for 4,000 acres of land. The tanks of Varagaloor, and Condroydittum were filled, and thus, while all existing cultivation was amply provided for, there was every facility, for the extension of irrigation over a large tract of country.

4. I cannot but consider this result, to be most encouraging, and I trust that the Government and Board of Revenue will be satisfied that the plan was well devised, and ably executed.

5. The actual return of revenue, can only be shewn by the Collector, but I think that his report when made, should be drawn up in communication with the District Engineer, and shew not only what land is cultivated, but all that is capable of cultivation, under these channels. I hope shortly to submit a report on the Ponnairry channel, in Oodiarpolliam Talook, which has been also completed under not less encouraging circumstances, in respect to ample delivery of water.

Letter from Lieutenant J. G. RYVES, District Engineer; to Colonel C. E. FABER, Chief Engineer, dated Trichinopoly 10th August 1857, No. 483.

SIR,

I have the honor, to report, that on the 23rd Ultimo, the channel in extension of the Laulgoode channels, was opened by one for the entire length, between the Coolayaur, and Aanyoday, a distance of 9 miles.

2. The Varagaloor tank (at 3 miles from the head) had been previously filled on the 30th June, and had been kept full ever since, the draughts upon the tank for irrigation, and the loss by evaporation being compensated for, by opening, one or two shutters of the Head Sluice, at intervals of two or three days.

3. On the 23rd, the Cauvery, and Coleroon being low (at the Upper annicut 1 foot 2 inches below crown of annicut) the water in the Coolayaur at the head of the channel, was 2 feet 9 inches deep, the main stream flowing down the head and through the Tambogy, of the Nunthay annicut.

4. The Tambogy, was closed with planks, by five or six men with great facility, and expedition and the water was raised immediately, to within 6 inches of the crown of dam, the head sluice was then opened, and water flowed freely down the channel round the north of the Varagaloor tank, through the old Condroydittum tank, to a large sluice,* towards its northern extremity. In the course of the day the water rose to 3 feet on the floor of this sluice, and was spreading over the tank when I left.

5. Having on the 24th, proceeded to the Ponnairry channel, I returned to the Varagaloor, and Condroydittum works on the 29th the rivers being still low, the Coleroon fordable, and water at Upper annicut, 6 inches below crown, but rising.

6. The rivers being in this state, we had in the Cooloyaur 3 feet of *Cowery* water which gave us a head for preserve of $3\frac{1}{2}$ inches at the head sluice channel 3 feet deep with a discharge of 12,000 cubic yards per hour, a depth of water at the large sluice, in Condroyattum tank bank of 4'-9" with about $\frac{3}{4}$ the full water spread area of the tank. At the same time the water* in the Varagaloor tank, has not been lowered although the Channel running round the north of the tank has a free communication, to and from it.

* Standing at 3" below crown of tank Calingula.

7. I have the honor to solicit your particular attention, to the fact that these very favorable results were not obtained, at a season of even moderate freshes, but when the *Cowery* had fallen very low, between the fresh of the 12th Ultimo, and that of the 4th instant I observed the Coleroon to be fordable, about hip deep opposite to Shangaroor, and my water report from the Upper annicut shews, 6 inches below crown of annicut, North Firka on the 29th the date, my observation, and notes, on the condition of the channel were made.

8. I have made arrangements for the registry, of the state of the supply to and draught of water, through the channel, and I anticipate that it will clearly shew, that we have been the means of drawing a sufficient constant supply of water, for the irrigation of the whole tract from Varagaloor to the Nurthayaur river in length about 24 miles and breadth from 2 to 6 miles.

9. The works in progress, at the western end of the Nunthay annicut, have not been interfered with in any degree, by turning water into the channel.

No. 49.

ORDER THEREON, No. 1691; dated 7th September 1857.

Ordered to be communicated to the Board of Revenue.

(Signed) H. FORBES,
Acting Secretary to Government.

17/183.
57/58-
From
Lieut. J. P. Ryce
D. Sup.

To The Chief Engineer D. P. Ryce
Sir,

I have the honor to report, that on the 23^d Ultimo, the Channel in Extension of the Sankoor Channel, was opened by me for the entire length, between the Coloyan, and Sandypodaya, a distance of 9 miles.

2. The Varagaloor tank, at 3 miles from the head of had been previously full on the 30th June, and had been kept full, ever since, the draughts upon the tank for irrigation, and the loss by evaporation being compensated for, by opening, one, or two shutters of the Head Sluice, at intervals of two, or three days:-

3. On the 23^d, the *Cowery*, and Coleroon being low / at the upper annicut $1\frac{1}{2}$ 2 inches below crown of annicut of the water in the Cooloyaur at the head of the Channel, was 2 ft 9 inches deep, the main stream flowing down the head and

and through the Tamboggy, of the mouth of
Anacuit.

4. The Tamboggy, was raised with
planks, by five or six men with great
facility, and expedition and the water
was raised immediately, to within benches
of the crown of dam, the head sluice
was then opened, and water flowed
freely down the Channel round the
north of the Varagaloor tank, through
the old Entroyottum tank, to a
large sluice, towards its northern
entrance. In the course of the day the
water rose to 3 feet on the floor of
the sluice, and was spreading over
the tank when I left.

5. Having on the 24th, proceeded
to the Posing Channel, I returned
to the Varagaloor, and Entroyottum
works on the 29th the rivers being
still low, the Coleroon fordable,
and water at upper Anacuit, benches
below crown, but rising.

6. The rivers being in this state,
we had in the Colaryaur 3 feet of
Cauvery water which gave us a head
for

* Standing at 3"
below crown of
Entroyottum

for pressure of 3½ inches at the head
sluice Channel 3 feet deep with a
discharge of 12,000 Cubic yards per
hour, a depth of water at the large
sluice, in Entroyottum Tank Bank of
4'-9" with about ¾ the full water
spread area of the tank. At the
same time the water in the Varagaloor
tank, has not been lowered although
the Channel passing round the
north of the tank has a free
communication, to and from it.

7. I have the honor to solicit your
particular attention to the fact
that these very favorable results
were not obtained, at a season
of even moderate freshes, but when
the Cauvery has fallen very low.
Between the fresh of the 12th ultimo and
that of the 4th instant I observed the
Coleroon to be fordable, about half a mile
opposite to Shaugaroor, and my
water report from the upper Anacuit
sluice, 6 inches below crown of
Anacuit, north Terka on the 29th
the date, my observations, and notes
on the condition of the Channel were
made.

8. I have made arrangements for the
regulating of the state of the supply to and
draught of water, through the Channel,
and I anticipate that it will clearly
show, that we have here the means of
drawing a sufficient constant supply
of water, for the irrigation of the whole
tract from Vanganaloor to the Puthayam
thier in length about 24 miles and
breadth from 2 to 6 miles.

9. The works in progress, at
the western end of the Puthayam
Anicut, have not been interfered
with in any degree, by the arrangements
into the Channel.

Inclined to
Dr. Ryves office
10 Aug 24/57

I have per
Sd/- J. G. Ryves
Dr. Ryves

True Copy
W. A. C. B.
Chief Secy.

Compd. Sd/-

Central Office of
Port St. George 11/1/55

1. 3/35

11/1/55

Mr Chief Engineer S.P.M.

Mr Secretary to Govt P.M.D
Sir,

Permit
Intention

I have great satisfaction
in forwarding for the information of
Government, copy of a report by the
District Engineer of Pichinopoly, on
the present state of the channel, by
which the Coolaguan, or surplus water
of the Tullgooy Talook, is carried
across the Amudaguan, for the irrigation
of land in Arrialoon.

2. This project sanctioned in
1865, to the amount of 30,000 Rupees,
increased afterwards, by 8,000, for the
completion, has now it appears been
unsuccessfully completed, and it only
remains for the Collector to show
that the people appreciate and
employ the valuable supply of
water afforded to them.

Santo

In P. Mins. Cons
No 64 of 10 Feb 55
P. Mins. Cons
No 126 of 56 Feb 55
P. Mins. Cons
No 29 of 56 Feb 55
1800
6000
8000

Enclosure in a letter from
the Chief Engineer S.P.M.
to the Secy. to Govt P.M.D

Dated 20th Aug 1865
Recd 6 Aug 1865

11/1/55
No 3105

Copy of a letter from
the District Engineer of Pichinopoly,
reporting that in the 23rd
March, the channel in
the Amudaguan of the Coolaguan, by
which the surplus water of the Tullgooy
Talook is carried across the Amudaguan
for the irrigation of land in Arrialoon.

3. Lieutenant Rymer shows, that in a low state of the main river, the quantity of water passing the Head Sluice, was 12,000 Cubic yards per hour, or at the highest Calculation, sufficient for 4000 acres of land. The tanks of Varagaloor, and Condroydattam were filled, and thus, while all existing cultivation was amply provided for, there was every facility, for the extension of irrigation, over a large tract of Country.

4. I cannot but consider this result, to be most encouraging, and I trust that the Government, and Board of Revenue will be satisfied that the plan was well devised, and ably executed.

5. The actual return of Revenue, can only be shown by the Collector, but I think that his report when made, should be drawn up in Communication with the District Engineer, and show not only what land is cultivated, but all that is capable of Cultivation, under these Channels. I hope shortly

shortly to submit a Report on the Ponnaiy Channel, in Nociarpollam Talook, which has been also completed under not less encouraging circumstances, in respect to ample delivery of water.

L.
S. E. S. C.

Copy of Report of 1st Lt. Col. G. G. G. 25th Sept 17

I have the honor to be Sir,
Yours most obedt Servt
W. J. S. C. Chief Secy

20
The Secretary to Government
P. B. O.

Compd MS