3. Initials of Reader/Writer

K.R.O. 1—26-03-21-11-50

MADRAS RECORD OFFICE.

Government of Madras.

Judicial DEPARTMENT.

G.O. No.	Press Mis.
Dated	18

Not to be folded or roughly handled

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.

	Rs.
* In Ex. Mins. Cons. No. 64, dated 10th February 1855.	
† Ex. Mins. Cons. 4th March 1856, No 327.	1,800
Ex. Mins. Cons. No. 329, dated 18th February 1857.	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 Ponnairy 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 Aandyoday, 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 feet 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.

* Newly constructed.

5. Having on the 24th, proceeded to the Ponairy 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 Cauvery water which gave us a head for preserve 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 Condroydittum 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 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 Cauvery 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 Shangarioor, and my water report from the Upper annicut shews, 6 inches below crown of annicut, North Furka 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 here 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.

3 C

P. 1123
57/58

From
Lieut. J. G. Pryce
Dy Engr

To
The Chief Engineer D.P.W.

Sir,

I have the honor to report, that on the 23d Ultimo, the Channel in Extension of the Varagoor Channel, was opened by me for the entire length, between the Coolayan and Nandyodanya distance of 9 miles.

2. The Varagaloor tank had 3 inches from the head of had been preserved 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 23d, the Cauvery, and Coleroon being low, at the upper annicut 1ft 2 inches below Crown of annicut, the water in the Coolayaur at the head of the Channel, was 2ft 9 inches deep, the main stream flowing down the head

and

and through the Lamboyy, of the Cauvery
Annaikh-

4. The Lamboyy, was clear and the
planks, by five or six men with great
facility, and expedition and the water
was raised immediately, to within 2 feet
of the Crown of dam, the head Sluice
was then opened, and water flowed
freely down the Channel round the
north of the Varagaloor Bank, through
the old Cutroyattum Bank, to a
large Sluice, towards its northern
extremity, in the Course of the day to
within 3 feet on the Crown of
the Sluice, and was spreading over
the Bank when I left.

5. Having on the 24th, proceeded
to the Porain Channel, I returned
to the Varagaloor, and Cutroyattum
works on the 29th the rivers being
still low, the Coleroon fordable,
and water at upper anicut 2 inches
below Crown, but rising.-

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

+ Standing at 3d below Crown of Bank Cauvery

+ nearly Crown of

for preserve of 3½ inches at the head
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same time the water in the Varagaloor
Bank, has not been lowered although
the Channel running round the
north of the Bank has a free
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7. I have the honor to solicit your
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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 Kangaloon to the Nuntagaus River in length about 24 miles and breadth from 2 to 6 miles.-

9. The works in progress, at the western end of the Nuntagaus Ancrieth, have not been interfered with in any degree, by the Channel.-

I have &c
J. C. Byrnes
Dr Supt

Inspection by
Dr Surveyor
10 Aug 1867

Inspected by
Wm Cox
Chief Supt

Comp 88

Central Office of Public Works
Park St. George 24th Aug. 65

No. 3435.

From

The Chief Engineer 2nd Div.

To

The Secretary to Govt. Punjab

Lahore

Sir,

I have great satisfaction in forwarding for the information of Government, copy of a Report by the Executive Engineer of Peshawur, on the present state of the Channel, by which the Country, or Surplus waters of the Sanjpa by Valley, are carried across the Swat river, for the irrigation of Land in Arrialoor.

2. This project sanctioned in 1865, for the amount of 30,000 Rupees, increased afterwards, by 8,000. for the Current year 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.

Santo

† Irr. Dy. Mins. Circ. No. 647 of 10th Feby/55

* Irr. Mins. Circ. Li. No. 650 of 15th Feby/55 Rs. 1800/
Irr. Mins. Circ. No. 829 of 15th Feby/56 " 6200
Rs. 8000

Secretary to Govt. Punjab
No. 3435 dated 24th August 1865

Chief Engineer 2nd Division
Peshawur

Memorandum of Letter from the Chief Engineer 2nd Div. to the Secy. to Govt. Punjab

Dated 24th August 1865
Recd 5th Sept.

Supplied

Memorandum of Letter from the Chief Engineer 2nd Division Peshawur to the Secretary to Government Punjab dated 24th August 1865 Recd 5th Sept.

3. Lieutenant Rupert 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 drains
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— were filled, and thus, while
all existing Cultivation was amply
provided for, there was every
facility for the extension of irrigation,
over a larger 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
Surveyor, and shew not only what
land is cultivated, but all
that is capable of Cultivation,
under the Channels - Slopes -
&c &c

Shortly to submit a Report on the
Forming Channels, in Booligal Parish
Yelarbon, which has been also completed
under not less encouraging circum-
stances, in respect to ample delivery
of water.

I.S.
A.S.G.G.

I have the honor to be
Sir,
Your most obedient
Most Obedient
Chief Surveyor

The Secretary to Government
P.W.D.

Camps 11

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