

(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. 310 (W) Press
Mis.

Dated 26-6-1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

26th June 1877, No 310 W.

Buildings and Roads.

Civil Works

Read the following paper —

No 256 From Colonel F J MOBERLY, R E, Superintending Engineer, Chingleput, to the Chief Engineer, Public Works Department, dated Camp, Korattur, 14th June 1877, No 922

I HAVE the honor to enclose copy of a letter from the Sub-Engineer in charge of No. 3 Range, which refers to the

One copy of a letter from the Sub-Engineer, subject of G O, No 114, of 13th January 1877
Chingleput, No 624, dated 11th June 1877

2 Pannoor, where the reported well is dug, is entered in the district map as Kammavarpaham near Tiruppaniyur, it is nearly on the highest of a table-land, from the south and south-west sides of which flow streams to the Palar; from the west and north to the Cooum, from the east into the Adyar, the ridge runs in a south-east direction and terminates in the hills near Chingleput, the laterite of which it consists running into gneiss about two miles west of the south road at Tricashur.

3 I cannot form any idea as to the cause of water being found in so unpromising a site after so many months of drought

4 Pannoor and two or three other villages along the ridge were settled about half a century ago as they say by emigration from the Kistna District, possibly on the occurrence of 1834 famine, the villagers keep up their connection with the north and bring down plough cattle of a class far superior to any others in the district; they are more independent than their neighbours generally, and have set a good example in this special case.

5 Ravathanallur and Manampati, other Christian villages in Madurantakam, also early and largely used their wells in not favorable situations, but Pannoor is about the last place in the district in which I should have suggested sinking a well. It shows, however, how full the whole sub-soil is of water as I have frequently asserted.

From W F DONAGHUE, Esq, Sub-Engineer, No 3 Range, to Colonel F J MOBERLY, R E, Superintending Engineer, Chingleput, dated Camp, Pannoor, 11th June 1877, No 624

THE following particulars in connection with subterranean springs or drainage may prove of some interest.

2 Owing to the great drought and scarcity of water on the high ground about here the villagers of Pannoor sunk a fine well 20 feet in diameter in their church compound. On or about the 5th May, when 30 feet from the surface of the ground, the excavators hit upon rock underlying shale. The rock on the upper side is laminated, and on the lower side has the appearance of granite. It was found in a horizontal position. After sweeping and clearing the surface, a hole about 6 inches in diameter was drilled into it, and after reaching a depth of 2 inches a stream gushed out, and in a short time the water rose 6 feet over the rock surface. Picotahs were next rigged up, the water lifted out, the 2 inches of rock, and about 12 inches

2 PUBLIC WORKS DEPARTMENT, 26TH JUNE 1877, No 310 W.

of sand under it removed, and then the masonry of the well was commenced and completed in ten days' time, before the storm of the 18th affected it the well contained 12 feet depth of water, the level has since risen 4 feet, the water is exceedingly good, quite free from salts and impurities, and is a great boon to the community.

You know the ground, so it is needless to describe it. I send you the information as it is remarkable that so much water could be obtained so near the surface in such a locality.

No 257. ORDER THEREON, 26th June 1877, No 310 W.

THE Government have perused these papers with interest. They will be communicated to the Collector for information.

(True Extract)

(Signed) E A FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To the Collector of Chingleput
" District Engineer, Chingleput
" Revenue Department.

Edw C Howard

11 to Copies

*Letter from the Superintendence, Chingleput,
No 922, dated 14th June 1877*

FOR ORDERS

*Col. R.E.
Secretary to Govt. P.W.D.*

*Interesting fact.
Amount to be paid
5/4
13/2 1/2*

FOR ORDERS

5971

No 624

3 Range Office
Camp (Pamun)
"11" June 1877

From
The Sub Engineer
No 3 Range

To
The Supt Engineer
Chingit

Sir -

The following particulars in connection with subterranean springs or drainage may prove of some interest.

2. Owing to the great drought and scarcity of water on the high ground about here, the villagers of Pamun sunk a few wells 20 feet in diameter in their Church Compound. On or about the 5th May when 30 feet from the surface of the ground, the excavators hit upon rocks underlying ^{shale} ~~shale~~. The rock on the upper side is laminated, and on the lower side has the appearance of granite, it was found in a horizontal position, after sweeping and cleaning the surface, a hole about 6 inches in diameter was drilled into it and after reaching a depth of two inches

a stream gushed out and in a short time the water rose 6 feet over the rock surface. Picottans were next ripped up, the water lifted out, the 2 inches of rock, and about 12 inches of sand under it removed, and then the masonry of the well was commenced and completed in 10 days time; before the storm of the 18th affected it the well contained 12 feet depth of water, the level has since risen 4 feet, the water is exceedingly good, quite free from salts and impurities, and is a great boon to the community.

You know the ground; so it is needless to describe it, I send you the information as it is remarkable that so much water could be obtained so near the surface in such a locality.

I have the honor
(Signed) W. F. Donaghy
Sub-Engineer

1 True Copy 1

H. Moberly. (Col. R. E.)
Supy. Eng. Mining

W.L.
18 JUN 77
5059

No. 922

Chingleput Superintending Engineer's Office,
Chingleput 14 June 1877

From

THE SUPERINTENDING ENGINEER,
Chingleput

To

The Chief Engineer.
Public Works Dept.

Sir,

I have the honor to enclose copy of
Enclosure 1 a letter from the Sub Engineer in Charge
Copy of a letter of No 3 Range, which refers to the subject
from the Sub Eng. of G. & No 114 of 13th January 1877
Chingleput No 624 of 16 June 77

2: Panwar where the reported well
is dug is entered in the district map as
Kannavar, Kalam near Sempandi-
pur - it is nearly on the highest of a
table land; from the South and South-
west ends of which flow streams to
the Palar; from the West and North
to the Cooum, from the East into the
Adyar - the ridge runs in a South-East
direction and terminates in the hills
near Chingleput - the latitude of

G. & No 114 June 77. No 256

which it consists running into gneiss
about 2 miles west of the South road
at Tricashur

3 I cannot form any idea as to
the cause of water being found in
compromising a site after so many
months of drought.

4 Panur and 2 or 3 other villages
along the ridge were settled about $\frac{1}{2}$ a
century ago as they say by immigration
from the Kistna district, probably on the
occurrence of 1834 famine. They ^{now} keep up
their connection with the North and
bring down plough cattle of a class far
superior to any others in the district;
they are more independent than their
neighbours generally; and have set a
good example in this special case.

5 Ravathanallur &
Manampati ~~are~~ other Christian villages
in Madurantallam also early and
largely used ~~their~~ wells in not so favourable
situations - but Panur is about the
last place in the district in which
I should have suggested sinking a
well - it shows however how full

the whole sub-soil is of water as
I have frequently asserted.

I have the honor to be
your most obed^t & aff^l
servant
J. H. S. Coll. Rb.
Superintendent Chingleput

Buildings & Roads

13 June 1877 No 114.

No 310 Wd/26th June 77

The Government
have perused these papers
with interest. They will
be communicated to
the collector for infor-
mation.

27th 26th 18

W.D.

13 JUN 77

5951

From the Sup. Engr. Engineer
Chingleput District

No 922

Dated 14th June 1877
Recd.

No. of Enc. 1

Well at Pannoor
Conjeveram Talug -
Reports on the dug
and its history thereof.

by O. 26th June 77. No. 256

Collector Chingleput

D. E. - do -

Recd. Sept.

1877

27th - 6-7-77

with order

Chas. 5951
Cobt. of 1877 Address
PUBLIC WORKS.

To



Date

Issued

Recd

Encl

G. O. 26th June 1877, No 3.0.6

Nos. 251-257

Call at Barracks, Thurgate

Wait for letter from the

S. E. Thurgate, 1877

nothing to be done

nothing to be done

Call at the Barracks.

Entered in Register