

(1) Number of pages 74
(2) Date of repair 9.7.86
(3) Initials of the Referencer lono

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU
Revenue DEPARTMENT

G.O. No.	3857	Press.
B.P. No.		Mis.
Dated	10.7.1977	197.

DA

Not to be folded or roughly handled

357/1

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 subject of G.O., No. 114, of 13th January 1877.

One copy of a letter from the Sub-Engineer, Chingleput, No. 624, dated 11th June 1877.

2. Pannoor, where the reported well is dug, is entered in the district map as Kammavarpaliam near Tirupandiyur; 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

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.)

E. A. M. Colonel, R.E.,
Secretary to Government, P.W.D.

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

Exd. C. Howarth.

14 Square Copies

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Rev^d Department
No 3172
BUILDINGS AND ROADS
CIVIL WORKS.

Gobt. of 1877 Madras.
PUBLIC WORKS.

To
THE COLLECTOR OF CHINGLEPUT,
&c., &c., &c.

Dated June 26th.

Issued

Recd.

7 July

Encl.

G. O., 26th June 1877, No. 310 W.

JUNE

Nos. 256-257.

Well at Pannoor, Chingleput District.—
Letter from the Superintending Engineer,
Chingleput, submitting report on the
sinking of a — communicated to the
Collector.

N^o 3857
Comd^g to the
Board of Revenue
10 July 77

7-50 to 11-7-77