

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
C 761 49							

Government (1898) of Madras. FINANCIAL.

Recd.

Regd.

1898.

Enclosures

Spare copies

G.O., No. 318, 29th March 1898.

MARCH.

Artesian Boring Operations at Place's Garden.

Sanctioning a further grant of Rs. 1,000 from savings under 45. Civil Works—Public Works
Department in aid of the —.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—again the following papers:—

G.O., No. 296, Financial, dated 28th April 1896.

ABSTRACT.—Sanctioning a further grant of Rs. 1,000 in aid of the artesian boring at Place's Garden.

G.O., No. 634, Financial, dated 13th August 1897.

ABSTRACT.—Recording further report on the progress made in the artesian well works in Place's Garden, Chingleput district, received from the Reverend S. Dominic, Superior of the Monastery there.

READ—also the following papers:—

From the Reverend S. DOMINIC, Superior of the Monastery, Place's Garden, Kilacheri, to the Chief Secretary to Government, dated Madras, 30th December 1897.

In continuation of my letter of the 31st July last, I have the honour to report on the artesian boring in Place's Garden since the 10th July 1897, up to which date I have had the honour of furnishing Government with a detailed report as to cost and outturn of work.

2. Work of boring was continued and great difficulty was experienced throughout the operation. The total depth of boring reached up to date is 394 feet and pipes were sunk to a total depth of 380 feet.

3. In appending, for the information of Government, Statements A and B showing progress and cost of work and the different strata of earth passed through, I have the honour to request that Government will be pleased to sanction further grant in order to resume the boring operations to the full depth of 451 feet already recommended by Dr. King.

ENCLOSURE A.

Artesian Well Works, Place's Garden.

STATEMENT showing progress of work and cost of boring, &c., at the different stages of work.

Date of work.	Description of work.				Total depth of		Cost.	Remarks.
	Deepening.	Widening for pipes.	Sinking pipes.	Boring.	Widening for pipes.	Pipes sunk.		
	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	FT. IN.	RS. A. P.	
1897.								
Total on 10th July	0 0 0	0 2 1	.. ..	388 1 1/2	385 9	376 0	6,235 0 4	Great difficulty was experienced in deepening and widening the bore hole owing to rocky nature of the soil.
September 7th to 11th	.. ..	.. ..	.. ..	388 2 1/2	385 1 1/2	376 0	22 13 0	do.
Do.	.. ..	.. ..	.. ..	388 5 1/2	386 0 1/2	376 0	22 13 0	do.
Do. 14th to 18th	0 3 4 1/2	0 1 1	.. ..	389 0 1/2	386 1 1/2	376 0	27 6 0	do.
Do. 20th to 25th	0 4 1/2	0 1 1	.. ..	389 5 1/2	386 2 1/2	376 0	24 5 0	do.
Do. 27th to 2nd October	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	do.
October 6th to 9th	0 1 1	0 1 1	.. ..	389 6 1/2	386 3 1/2	376 0	15 3 0	On the 2nd October the 20th rod was broken at the screw end, the male screw portion having been caught in the female socket. The rods were taken out from the bore hole with very great difficulty.
Do. 12th to 16th	0 2 1/2	0 2 1/2	.. ..	389 8 1/2	386 5 1/2	376 0	23 14 6	Deepening and widening, still difficult.
Do. 18th to 23rd	.. ..	.. ..	.. ..	389 8 1/2	389 2 1/2	376 0	27 6 0	do.
Do. 25th to 30th	1 2 1/2	1 2 1/2	.. ..	390 11 1/2	390 4 1/2	376 0	15 9 0	do.
November 2nd to 6th	2 0 0	2 0 0	.. ..	392 11 1/2	392 4 1/2	376 0	22 2 6	Not so difficult in boring down.
Do. 8th to 13th	1 0 1/2	.. ..	.. ..	394 0	392 4 1/2	380 0	25 6 0	do.
					Total Expenditure ..	..	6,461 14 4	One pipe 4 feet in length was sunk.
					Total Receipts ..	..	6,463 0 0	
					Balance on hand ..	..	1 1 8	

ENCLOSURE B.

STATEMENT showing the different strata of earth met with and their thickness.

Stratum number.	Strata of earth passed through.	Thickness of stratum.	Total depth from surface of ground.	Remarks.	
				FT.	IN.
64	Black clay ..	5 10 1/2	394 0	Black clay mixed with cement-colored clay is met with at this depth and is of a very hard texture.	

No. 318, FINANCIAL, 29TH MARCH 1898.

Endorsement No. 174.

Referred to the Public Works Department for remarks.

FORT ST. GEORGE,
24th January 1898.

(Signed) M. E. COUCHMAN,
Ag. Assistant Secretary.

No. 625-C.

Referred to the Superintending Engineer, V Circle, for favour of report as to whether the prospects of the work are such that a further Government grant may be recommended.

2nd February 1898.

(Signed) W. B. DEWINTON,
Ag. Chief Engineer.

From J. P. DAVIDSON, Esq., Executive Engineer, Chingleput Division, to the Superintending Engineer, V Circle, No. 3720, dated 3rd March 1898.

I have the honour to return your endorsement, No. 95-C.N., dated 15th February 1898.

2. I visited Father Dominic's work on the 18th instant, but I am quite unable to supply any facts in addition to those he gives in support of any additional grant.

3. The boring has, as stated, reached a depth of 394 feet and the stratum now arrived at is a black clay of excellent appearance; there is, however, nothing to indicate that the requisite conditions for a successful artesian well exist.

4. The question is more one for the geologist than the engineer, and, as both Dr. King and Mr. Bruce Foote have recommended that the borings be taken down till rock is reached, it would perhaps be as well to continue the borings till a depth of, say, 440 feet to 450 feet is reached—*vide* Dr. King's letter, No. 1680, of 19th November 1892, printed with G.O., No. 1419, Financial, dated 29th December 1892.

5. I make this recommendation partly on the principle that, having once started a work of this kind, it is as well to see it through, and I gather that 450 feet was the depth originally decided on, and partly because from a geological point of view the boring to this additional depth is likely to give interesting results. Of the work being satisfactory as an artesian well, I am decidedly sceptical and, speaking merely as a Public Works Department officer, I should say that the boring had gone deep enough. It is for Government to decide whether for the reasons given above they are prepared to give an additional grant.

No. 163 W.

To the Chief Engineer, Public Works Department, with reference to his No. 625-C, dated 2nd February 1898, herewith returned. The question of making a further grant must be settled by Government. I can give no opinion, as I do not know their wishes.

8th March 1898.

(Signed) C. C. RAWSON, Colonel, R.E.,
Superintending Engineer, V Circle.

Endorsement No. 1728-C.

Transferred to the Financial Department, and the referred papers returned.

2. The undersigned considers that it would be a pity to abandon the work at its present stage and that, if funds are available, it would be advisable to make a further grant-in-aid.

21st March 1898.

(Signed) W. B. DEWINTON,
Ag. Secy. to Government.

FINANCIAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 318, FINANCIAL, DATED
29TH MARCH 1898.

[SUBJECT.—*Artesian Well-boring Operations at Place's Garden.*]

From the Rev. S. Dominic, dated 30th December 1897.

For the Chief Secretary—

The Rev. S. Dominic applies for a further grant in aid of the artesian borings at Place's Garden. The last grant made was in G.O., No. 296, Financial, dated 28th April 1896. Attention is solicited to notes in this Government Order and in G.O., No. 1153, Financial, dated 22nd December 1894. Since the last report by the Rev. Dominic, the boring has been carried to a depth of only 5 feet and 10½ inches, the total depth reached being 394 feet against a depth of 451 feet recommended by Dr. King in his letter printed on page 4 of G.O., No. 1419, Financial, dated 29th December 1892. The Public Works Department might, it is submitted, be consulted before a further grant is made.

It seems to be open to question whether, in the present state of the finances, a further grant should now be made for this experiment which so far has not proved successful.

C. M. SCHMIDT.
12-1-98.

The boring ought certainly to be continued to the full depth of 451 feet which is nothing much for an artesian well.

The object of course is to get through the stratum of black clay to a porous or pervious stratum. A further grant of Rs. 1,000 may be given if funds can be found. But this is a subject on which Public Works Department should note. Refer it.

A. T. ARUNDEL.
20-1-98.

From the Public Works Department, No. 1728-C, dated 21st March 1898.

For the Chief Secretary—

The Chief Engineer considers that it would be a pity to abandon the work at its present stage, and that if funds are available, it would be advisable to make a further grant-in-aid. This work is debited to 45. CIVIL WORKS—Civil Officers, and as there are savings in the Public Works Department allotment under 45. CIVIL WORKS, it is submitted that the grant could be more conveniently made during the current official year. It is understood that the grant should be Rs. 1,000.

Orders should be passed at once if the grant is to be drawn within the official year.

C. M. SCHMIDT.
25-3-98.

Chief Assistant—

Of what use would the grant be now?

A. T. ARUNDEL.

For the Chief Secretary—

The grant could be utilised as required by the Rev. S. Dominic, but it would, it is submitted, be for the convenience of Government if it were *drawn* before the close of the financial year, and Accountant-General might be so instructed to disburse it before the 31st instant. There is no provision in next year's budget, and the amount would have to be found from savings which it would be difficult to predict early in the year.

C. M. SCHMIDT.
26-3-98.

I think the grant should be made. The current year is so near its close that a grant in it would seem useless.

A. T. ARUNDEL.
26-3-98.

Arrange accordingly. Honourable Member is not taking papers.

A. T. ARUNDEL.
28-3-98.

ORDER—No. 318, Financial, dated 29th March 1898.

A further grant of Rs. 1,000 is sanctioned from savings under 45. *Civil Works—Public Works Department*. The amount should be drawn before the close of the current official year.

(True Extract.)

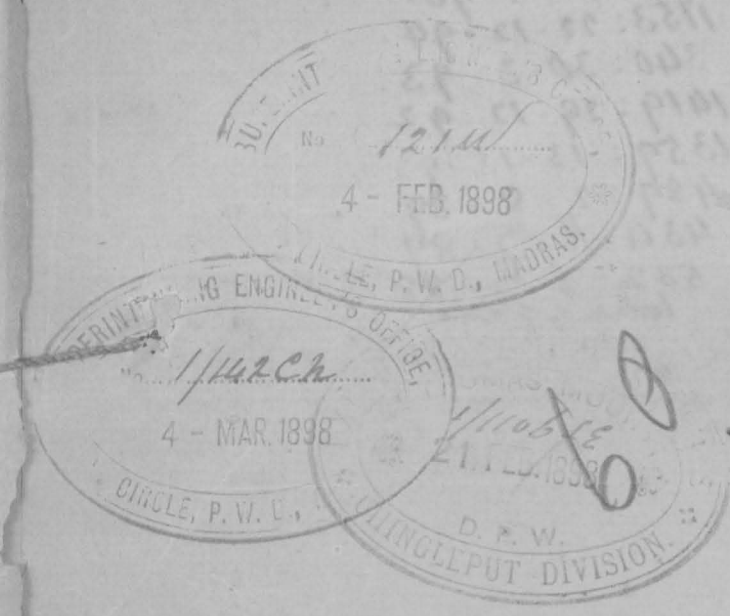
A. T. ARUNDEL,
Chief Secretary.

To the Reverend S. Dominic.
" Public Works Department.
" Accountant-General.
" Superintendent, Geological Survey.

Public Works
Financial (1897) Department.

CURRENT No. ~~191~~

2.4
644
2193/88



From

The Rev. S. Dominic
Superior of the Monastery
Place's garden
Kilacheri
No.

Enclosurement
Order No. 144.

Referred to the Public Works
Department for remarks

For St. George's Mr. Con. Man.
24 January 98 Ag. Asst. Secretary
Ans.
21.1.98

Dated 30.12.97

Received { 25.1.98

Registered { 31.12.97

Enclosures 23

Spare copies

TO BE RETURNED
WITH REPLY.

SUBJECT.
No. 625 C dated 2. July/98 submitted a further report
on the Artesian Boring
in Place's garden since
the 10. 8. 97 & applying
for additional grant.

Referred to the
Supt. Engr. I Circle for
favor of report as to
whether the prospects of
the works are such, that
a further Govt. Grant may
be recommended.

H. K. S. S. S.
Ag. Chief Engr.

4/11/98 506 S.E. recorded
 13-9-94 on 13/9/94

BACK PAPERS.

G.O.	No.	Department.	Date.
634:	13-8	97	
296:	28-4	96	
1153:	22-12	94	
340:	30-3	93	
1419:	29-12	92	
1359:	13-12	92	
489:	2-8	89	
434:	16-7	89	
532:	6-7	88	

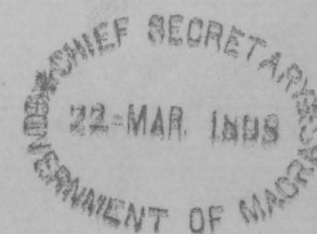
FURTHER PAPERS.

G.O.	No.	Department.	Date.

Public Works (1898) Department.

CURRENT No. 2193

add 22-3-98
 Subs. 1A C 40916 Fiddlers Creek.
 Order No. 1728 of 21-3-98



Transferred to the
 Finance Dept., and
 the referred papers re-
 turned -

From
 The Supt Engineer
 5 mile

2. The undersigned
 considers that it would
 be a pity to abandon
 the work at its present
 stage, & that if funds
 are available, it would
 be advisable to make
 a further grant in aid.

No. 1637.

Dated 8th March 1898

Received 8.3.98

Enclosures 4

Spare copies

SUBJECT.

Artesian Boring in Plau-
 Garden.

Submitting report on
 the -

[Signature]
 Acting
 Secy to Govt

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
-----	-------

No.	Date.
-----	-------

[G.
25]
No. 2-9-97.

C. No. 40.91.

From the Rev. S. Dominic

of 30.12.97

SUBJECT.

~~HIS EXCELLENCY THE GOVERNOR.~~
THE HON'BLE SIR HENRY BLISS, K.C.I.E.
~~THE HON'BLE MR. GROSE, O.I.E.~~

Artesian boring
operations at
Place's Garden

FOR ORDERS.

The Rev. S. Dominic applies
for a further grant in aid of
the artesian borings at Place's
Garden. The last grant made was
in G.O No. 296 Fint. d/28 April 1896.
Attention is solicited to notes
(flagged A' and A) in this G.O &
in G.O No. 1153 Fint. d/22 Dec. 1894.
Since the last report by the Rev.
Dominic, the boring has been
carried to a depth of only
5 ft & 10 1/4 in, the total depth
reached being 39 1/4 ft. against
a depth of 45 1/2 ft. recommended
by Dr. King in his letter printed
on page 4 of G.O No. 1419 Fint. d/
29 Dec. 1892. The P.W. D. might,
it is submitted, be consulted
before a further grant is made.
It seems to be open

Page 88 of file M

P

Fint. B. Current

Page 74 of file B

Dr. King
11/1/98

is question whether, in the present
state of the finances, a further grant
should ^{now} be made for this experiment
which so far has not proved
successful.

Cm.S.
26/3/98 The boring ought
certainly to be continued
to the full depth of 457 feet
which is nothing much
for an artesian well.

The object of course is
to get through the stratum
of black clay to a porous
or pervious stratum. A
further grant of Rs 1000 may
be given if funds can be
found. But this is a
~~subject~~

subject on wh. P.W.D.
should note. Refer it.

At 20.1.98

Please see the report received in
the P.W.D. and that department's endorsement
in C.No. 939. The Chief Engineer considers
that it would be a pity to abandon the
work at its present stage and that if
funds are available, it would be advisable
to make a further grant in aid. This work

C.A.
of what use will it be
now?
At

Note in the C.S.

The grant could be
utilized ^{as required} ~~as required~~ by the
Rev. S. Dominic but it has
not been submitted, be for the
convenience of but if it were
drawn before the close of the
financial year and A.S.
might be so instructed to
disburse it before the 31st
instant. There is no provision
in next year's budget & the
amount we have ~~to~~ to
be found from savings, which
it would ~~be~~ be difficult to
find early in the year

Cm.S.
26/3/98

is debited to 45 Civil Works - Civil
Officers, and as there are savings in
the P.W.D. allotment under 45 Civil
Works ~~in the current year~~, it is subm
ted that the grant could be more co
veniently made during the current offi
cial year. It is understood that the
grant should be Rs. 1,000.

The papers are marked urgent as
orders should be passed at once if the
grant is to be drawn within the official
year.

Cm.S.
26/3/98

I think the grant
should be made.
The current year is
so near to close
that ~~after~~ a grant
in it will seem useless

At
26.3.98.

arrange accordingly.
H.M. is not taking
papers.

At 28.3.98

Finl Department.

C. No.

TELEPHONE MESSAGE.

From

Chief Secretary

CHIEF SECRETARIAT,

To

Acetophub

Dated 28th March 1898.

Kilachori for antecia ^{boning} well

Please arrange to place
Express one thousand
1000 at the disposal of
the Rev. S. Dominic,
Places gardens, before 31st
inst, from Savings under
45. Civil works - Order
follows -

46 Curb At
28/3/98 28/3/98 28.3.98

28-3-98
18/43

Papers to be read in Proceedings :-

Again G.O., No. 296, dated 28th April 1896.

(P)

Again G.O., No. 634, dated 13th August 1897.

(P)

Current No. 4091 of 1897, dated , from

Rev. S. Amicus (A)

" " 939 " 1898, "

" "

Rowd. (A)

" " " 189 , "

" "

Print everything

CS.

ORDER. No 318 729-3-98
DJ,

A further grant of
Rs 1000 is sanctioned from
Savings under L.S. Civil works
P.W.D. The amount should
be drawn before the close of
the current ^{official} year -

At 28/3/98 C.M.S. 28.3.98

From M.S. 29.3.98 29.3.98

To Rev. S. Amicus 29.3.98

P.W.D. 10

autofund - 4

Supr. Geological Survey - 1

Depd 7.4.98

x Supr. Geological
Survey Depd 20/5/98

C. 26. 4. 98
 Rs. 27. 4. 98

FINANCIAL PRESS SERIES.

Disposal No.	Date of Disposal.	Date of Despatch to Secretary of State for India.	Numbers and Dates of previous Proceedings.	Receipt Nos.	Despatch abstract or purport of paper.
* 318	1898. 29th Mar.	..	No. 634 of 1897. No. 296 of 1898.	4091 of 1897. 939 of 1898.	Artesian Boring Operations at Place's Garden.—Sanctioning a further grant of Rs. 1,000 from savings under 45. Civil Works, Public Works department, in aid of the —.
324	29th "	..	..	786	Move of Government Offices to the Hills.—Forwarding, with remarks, to the Home Government a statement showing the expenditure incurred on account of the — in 1897.
* 329	30th "	..	No. 192 of 1898. Nos. 833-34 of 1897.	933	Delegation of Powers.—Delegating to the Chief Engineer, Public Works department, the power of sanctioning excess expenditure under article 215 (b) of the Civil Service Regulations subject to the restrictions mentioned in the resolution of the Government of India, Finance and Commerce department, No. 830-P., dated 16th February 1898.
* 330	30th "	..	Nos. 897-98 of 1897. No. 1228 R. of 1897.	846	Delegating to the Inspector-General of Police the power of granting a daily allowance of As. 2 to police constables escorting treasure or travelling on duty beyond the Presidency.

* Not seen by Honourable Member.

Let me see this please BB

Hm

Submitted. H.M. was not taking papers.
 25.4.98

Chas
 23.4.98

I only wanted to see the paper as it is a question which interests me
 BB
 26/4/98

28.4.98

First copy sent to Press. 29/4/88

NUMBER OF COPIES REQUIRED. { Order complete. 55
Letter only.
Order complete with Letter.

Returned for signature.

Despatched in print.

10 of these 3 for signature

READ AGAIN (H.O. No. 159

DATED

CURRENT No.

Please print as marked in the draft.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A.

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PRINTED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.

N.B. —

- A = Print in full.
- B = Not to be printed.
- P = Print abstract only.
- Q = Print heading only.