

(1) Number of pages 10

(2) Date of repair 10/1/68

(3) Initials of the Referencer

# MADRAS RECORD OFFICE.

Government of Madras.

P. W. DEPARTMENT.

|                  |       |
|------------------|-------|
| G.O. No. 1258    | Press |
| 446-447.         | Mis.  |
| Dated 24-4-1868. |       |

Not to be folded or roughly handled

*[Handwritten signature]*

*Proceedings of the Madras Government, Public Works Department,  
24th April 1868.*

No. 446. Read the following letter } from the Superintending Engineer, 5th Division, to the Secretary to Government, Department Public Works, dated Cuddalore, 15th April 1868, No. 9 :—

1. I have the honor to state, with reference to G. O., No. 3,498 of the 13th November 1867, that the Dumbleton Cooking Range, erected for the 14th Brigade Royal Artillery at Bangalore

1 Copy of report.

has been tested by the Military authorities, and the report of the Superintending Cook, 16th Lancers, on the trial is herewith forwarded.

2. The cost of putting up the Range complete was Rupees 350. The Range was made at Bangalore, and is stated to be as good as could be made there. The Superintending Cook does not specify in his report the quantity of fuel consumed ; but the Executive Engineer is of opinion that more is required than for the Mint Ranges. Captain Mayne, admitting the inferior workmanship of the Range, attributes the giving way of the light masonry on either side, particularly to the top plate being thin and having warped.

*Report on the trial of Dumbleton's Range at the 14th Brigade Royal Artillery.*

1. This Range has been tested by me and would suit very well for the use of the service provided it was properly constructed.
2. The hot plate requires to be more than double the thickness, as at the present time it is too slight, as it warps ; the material of which the outside is built does not contain the heat, the sides of which, after two days' trial, were cracked, and the top part nearly dropping down, being built of broken bricks and clay which is not strong enough for lasting use.
3. The utensils are not sufficiently strong for use any length of time. The fuel allowed is quite sufficient.

BANGALORE,  
12th March 1868.

(Signed) A. COAKLEY, Serjeant,  
Superintending Cook, 16th Lancers.

(True Copy.)

(Signed) E. A. FOORD, Lieut.-Col., R. E.,  
Superintending Engineer, 5th Division.

No. 447. ORDER THEREON, 24th April 1868, No. 1,258.

MILITARY WORKS, No. 27.

As the experiments with Cooking Stoves referred to in this letter were ordered to be carried out by the Government of India, it is necessary that that Government should be furnished with full information regarding them, and the Superintending Engineer of the 5th Division will accordingly instruct Captain Mayne to submit a complete report upon the trial of the Dumbleton range made at Bangalore in pursuance of the Proceedings of Government, No. 820, dated 12th March 1868, returning the plans which accompanied those orders.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,  
Secretary to Government.

To the Superintending Engineer, 5th Division.

Encl. T. O'Connor.

3

Report on the trial of Dumbleton's Range at the 14<sup>th</sup> Brigade  
Royal Artillery

This Range has been tested by me and would suit very well for the use of the service provided it was properly constructed.

The Hot plate requires to be more than double the thickness as at the present time it is too slight as it wraps the material of which the outside is built does not contain the heat the sides of which after two days trial were cracked and the top part nearly dropping down being built of broken bricks and clay which is not strong enough for lasting use.

The utensils are not sufficiently strong for use any length of time. The fuel allowed is quite sufficient.

Bangalore  
March 12<sup>th</sup> 1868. }  
Signed A. Coakley / Sergeant  
Superintending Cook.  
16<sup>th</sup> Lancers.  
/ True copy /

Edwd Lindt. Col. R.E.  
Superintg. Engineer, 5<sup>th</sup> Division.

N<sup>o</sup> 9.

Superintg<sup>y</sup> Engineer's Office, 5<sup>th</sup> Div<sup>n</sup>  
Bangalore, 15<sup>th</sup> April 1868.

From

Lieut<sup>nt</sup> Colonel E. A. Ford A.E.,  
Superintg<sup>y</sup> Engineer, 5<sup>th</sup> Division.

To,

Colonel Charles. A. O. A.E.,  
Secretary to Government, D.P.W.

Sir

Enclosure  
1 Copy of report

I have the honor to state, with reference to G.O. N<sup>o</sup> 3498 of the 13<sup>th</sup> November 1867, that the Dumbleton Cooking Range, erected for the 14<sup>th</sup> Brigade, Royal Artillery at Bangalore, has been tested by the Military Authorities, and the report of the Superintending Cook, 16<sup>th</sup> Lancers, on the trial is herewith forwarded.

2. The cost of putting up the Range complete was Rs 350. The Range was made at Bangalore, and is stated to be as good as could be made there. The Superintending Cook does not specify in his report the quantity of fuel consumed; but the Executive Engineer is of opinion that more is required than for the Mint Ranges. Captain Mayne, admitting the inferior workmanship of the Range, attributes the giving way of the light masonry on either side, particularly to the top plate being thin and having warped.

I have the honor to be  
Sir,

Your most Obedt. Servt.

E A Ford Lieut<sup>nt</sup> Col A.E.  
Superintg<sup>y</sup> Engineer, 5<sup>th</sup> Division

Enclosure No. 1 in letter  
N<sup>o</sup> 9 of 15<sup>th</sup> April 1868  
from the Supt Engineer  
5<sup>th</sup> Division.

103/1405/68.

Cd 446

no 1358-21 mod Jul 1868

At forwarding of report from  
the Engineer with 14<sup>th</sup> Dec  
on the trial of the Committee  
concerning the report for the  
14<sup>th</sup> Bangalore District  
at Bangalore

No 1358-21 April 1868

Dated 15<sup>th</sup> April 1868

Inclosure - one

From the Deputy Engineer  
of the Bangalore District  
to the Secretary Government  
D. M.

Public Works Dept

No 1258

Proceedings of the Madras Government  
Under date the 24<sup>th</sup> April 1868  
Read the following

From the Deputy Engineer  
5<sup>th</sup> Div

(Here enter 15 April 1868)

As the experiments  
with Cooking Stones referred  
to in this letter were  
ordered to be carried  
out by the Government  
of India it is necessary  
that that Government should  
be furnished with full  
information regarding  
them & the Superintendent  
Engineer of the 5<sup>th</sup> Division  
will accordingly instruct  
Captain Mayne to

report upon the trial  
the <sup>Drumblaton</sup> ~~drumblaton~~ range etc.

~~intermediation~~

made at Bangalore

in pursuance of the

proceedings of Government

No. 820, dated 12<sup>th</sup>

March 1866, returning

plans which are

in accordance with those orders

Wd

The Deputy Commissioner

Desp 27/4/68

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446-447

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Pub. Works 1868 Department

Proc of Govt for April

Rs 1250

Proc of the Madras Govt.  
Of 21<sup>st</sup> April 1868

Directing the Supg.  
Comdr of the 8<sup>th</sup> Division to submit  
a complete report upon the trial  
of the Dumblaton looking Range  
erected for the 14<sup>th</sup> Brigade  
Royal Artillery, Bangalore

Sp 446-447