

(1) Number of pages 14

(2) Date of repair 31. 8. 43

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. <u>171-72</u>	Press <u>Mis.</u>
<u>382-84</u>	
Dated <u>21</u> <u>1</u>	<u>18/27.</u>

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
21st January 1869.*

No. 382. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Cuddalore, 8th January 1869, No. 179 —

2 Plans
1 Report

With reference to the Order of Government of the 24th of April 1868, No. 1,258, I have the honor to forward the

fullest report that I have been able to obtain on the Dumbleton Stove erected at Bangalore. I regret the delay that has occurred in forwarding the report. It reached me while I was away from my office, and I had to send for the plans which had not then been copied, and, as I afterwards found, had been laid aside on account of the Draughtsman's illness.

Memorandum from the Deputy Assistant Quarter Master General, Mysore Division, to the Executive Engineer, Bangalore, dated Bangalore, 23rd October 1868, No. 645

Informing that Dumbleton's Cooking Stove has again been tested by the trained Sergeant Cook, 16th Lancers, who reports that it is a good range, but that the top plate should be thicker; at present, the plate bends from the heat of the fire, and becomes separated from the walls. The oven is considered very good. The range is considered fit to cook for 200 men, and, if cooking for the full number, the saving in fuel would amount to the same as Grant's, or about $\frac{1}{4}$ th of the allowance.

(By order,
(Signed) W. R. MESHAM, Captain,
Dy Asst. Qr. Mr. Genl, Mysore Division.

No. 383. ORDER THEREON, 21st January 1869, No. 191.

MILITARY WORKS, No 27.

Ordered that this report be forwarded to the Government of India.—

(Here enter No. 192, dated 21st January 1869.)

(True Extract)

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

To the Superintending Engineer, 5th Division.

Erd. S. T. Augustan.

20

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Govt. of 1869 Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

5TH DIVISION

Dated January, 21st

Recd.

Encl

G O, 21st January 1869, No 191

JANUARY.

Nos. 332-333

Cooling Range —Passing on the letter from the Superintending Engineer of the 5th Division, submitting a report on the trial made with the Cooling Range of the Dumbleton pattern erected at Bangalore

PUBLIC WORKS DEPARTMENT,
FORT ST GEORGE, 21st January 1869

No 192

No 384.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT

SIR,

MILITARY WORKS, No 28

1. Adverting to my letter dated 7th July 1866, No. 2,146, I am directed to forward the accompanying papers

containing a report on the trial made with the Cooking Range of the Dumbleton pattern erected at Bangalore

2. It will be observed that the range has been tested by the trained Serjeant Cook of the 16th Lancers, who gives it as his opinion that it answers its purpose very well, but, as the top plate bends from the heat of the fire and becomes separated from the walls, he suggests that it should be made thicker. The range is stated to be well suited for cooking for 200 men, and, when cooking is carried on for that number, it seems, there will be a saving in fuel to the extent of $\frac{1}{11}$ th of the usual allowance.

I have the honor to be,

Sir,

Your most obedient servant,

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

Ed S T. Augustin.

N^o 179

Superintending Engineer's Office,
Cuddalore, 8th January 1869.

From,

The Superintending Engineer,
5th Division.

To, The Secretary to Government,
D. P. Works.

Enclosure 3.
2 Plans
1 Report.

Sir, With reference to the order of Government of the 24th of April 1868, N. 208, I have the honor to forward the fullest report that I have been able to obtain in the Dumbarton Store erected at Bangalore. I regret the delay that has occurred in forwarding the report. It reached me while I was away from my office, and I had to send for the plans which had not then been copied, and, as I afterwards found, had been laid aside on account of the draughtsmen's illness.

I have the honor to be,
Sir,

Your most obedient servant
& a Mrd Colonel R. E.
Superintending Engineer 5th Division

J J 5th Division.

By ^{Post} to Mr General's Office,
M. Dn,
Bangalore, 23rd October 1868.

From
The Dy. Asst. Qr. Mr. General,
Mysore Division.
To
The Executive Engineer,
Bangalore.

No. 645

Informs that Dumbleton's
 Cooking stove has again been
 tested by the trained Serjeant
 Cook 16th Lancers, who reports
 that it is a good range, but that
 the top plate should be thicker; at
 present the plate bends from the
 heat of the fire, and becomes sepa-
 rated from the walls. The oven
 is considered very good. The
 range is considered fit to cook
 for 200 men, and, if cooking for
 the full number, the saving in
 fuel would amount to the same
 as Grant's or about $\frac{1}{11}$ ^{the} of the
 allowance.

By Order
/sgd/ W R Mesham, Captain,
By Asst. Qr. Mr. G. H. Moore Bn.

/True Copy/

EA Mrd Colonel R.E.,
Superintending Engineer
3rd Division.

27th Dec 1862
 110. of Broadway
 New York

The undersigned Committee
of the
S. C. Convention

The Secretary to Genl. H.

St. J. Marks

Dated 8th January 1869.
 David D. Cunningham Esq.

Dear Sir,
I have the honor to acknowledge the receipt of your letter of the 11th inst. and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
Yours, &c.

short which he desired
 to obtain on the

1. of the translation
 2. of the text and
 3. of the text and

Kingston
Aug 1911 AGO. 21 10am/11

2. ~~16 Dec~~ 1889 Dec. 18th

Public Works Department
 No 191
 Proceedings of the Madras Government
 Under date the 21st Jan'y 1869
 Read the following

From The Supt Engineer } H.E. No 179 of 8th Jan'y/69.
 of the Dn }

Ordered that this
 report be forwarded to the
 Govt of India

H. E. No. 179

No 192-
 The Secretary to the Govt
 of India

Sir,
 In answer to my letter
 dated 7th July/66 No 2146,
 I am directed to forward
 the accompanying papers
 containing

To
 The S. Engineer
 " Military Dept
 No 22 of 1/69
 8/2/69.

WON

R.A.

Enclosure No 1 in letter
 No 179 dated 8th Jan'y/69
 from the Supt Engineer
 5th Division to the Secretary
 to Government.

10/2/69/69.

Copy of a letter from
 the Dy. S. En. to the
 General, Mysore Div.

containing a report on the
trial made with the
Cooking Range of the
Dumbarton pattern erected
at Bangalore.

It will be observed
that the range has
been tested by the
trained Sergeant Cook of the
16th Lancers, who gives
it as his opinion that
it answers its purpose
very well, but as the
top plate bends from
the heat of the fire,
and he comes separated
from the walls, he
suggests

116
suggests that it should
be made thicker. The
range is stated to
be well suited for
cooking for 200 men,
and when cooking
is carried on for that
number, it seems there
will be a saving in
fuel to the extent
of $\frac{1}{11}$ $\frac{1}{10}$ of the usual
allowance.

Recd 22/1/69 with
one report & copies of 300 lbs
3498 of 1867, 1258 of 1868
& 191 of 1869.

W. H.

Cue 89
Govt. of Madras.

PUBLIC WORKS.

The Superintending Engr.
5th Division

Dated

Per

3

G O 21st Decy 1891 Nos 191 & 192

Nos. 382-383 & 384

Cooking Range Papers orders on,
the letter from the Sup. Engr. of the
S. B. R. submitting a report on
the trial made with the Cooking
Range of the Dumbarton Lighthouse
erected at Bangalore.

Cooking Range Papers containing
a report on the trial made with
the Cooking Range of the Dumbarton
Lighthouse erected at Bangalore, forwarded
to the Govt. of India with the enclosure.

16th Jan'y 1864 R. 18th