

(1) Number of pages 12(2) Date of repair 19. 6. 49(3) Initials of the Referencer SP**MADRAS RECORD OFFICE.****Government of Madras.***Public works* **DEPARTMENT.**

G.O. No. 1392

Press
Misc

71-72

Dated 5

6

1876

Not to be folded or roughly handled

No. 71. Read the following letter from W. KING, Esq., Deputy Superintendent, Geological Survey of India, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Yerkaud, Shevaroy Hills, 27th May 1876, No. 1,176 :—

I HAVE the honor, with reference to G.O., 12th May 1876, No. 1,199, to inform you—

The quality of the coal, or rather shaly coal, referred to in paragraph 1 of that order is very poor; it is about the same as that of the coal found in 1874, on which I reported in my letter to Government of 19th August 1874, the assay being—

Carbon ...	...	...	...	...	16.4
Volatile ...	...	...	...	...	30.6
Ash ...	...	...	...	...	53.0

This as a coke would give—

Carbon ...	...	...	...	...	22.5
Ash ...	...	...	...	...	77.5

2. The coal referred to in paragraph 2 is of the same poor quality.

3. The subordinate attached to the boring operations has communicated with me regularly; the instructions given to him in my letter No. 576, of 28th January, were being carried out by him until Mr. Vanstavern arrived on the field.

4. My letter, No. 576, was written under the idea that the working season would close about the 15th May; but Major Beatty wrote to me (on hearing from Moore that he could carry on through the rains) saying that he saw no reason why we should not work on until October. The District Engineer also asked why a bore-hole should not be run down for 500 feet or more. I explained, in a demi-official, my reasons for such a depth not having been tried hitherto, but expressed my willingness that such a depth be attained if the work could be done, of which I had doubts looking at the slow progress hitherto made in a day's work at less than 300 feet, and the evident weakness of the boring rods. The subsequent work of Mr. Vanstavern shows that the tools are not adapted for any depth like 600 feet; therefore it is possible that we shall have to be content with carrying out the lines of short bore-holes across the field as originally intended by me.

5. On hearing that Mr. Vanstavern was again to take up the work, I wrote a further letter of instructions to him, a copy of which will doubtless have already been forwarded to you by the District Engineer., Mr. Vanstavern's letter to me shows that he has acted rather on my old letter, No. 576; while the map left with Moore seems to have been taken away from the field by some one, and Mr. Vanstavern had to trust to Moore's recollection for sites of bore-holes.

6. However, a later report from Mr. Vanstavern shows that he is confining the work to holes (13) and (14) for the present, one of which I have asked him to keep at as long as the tools will hold out.

*Proceedings of the Madras Government, Public Works Department,
5th June 1876.*

No. 72. ORDER THEREON, 5th June 1876, No. 1,392.

CIVIL WORKS, No. 10.

RECORDED and communicated to the
District Engineer, Godavery; who is
responsible that Mr. King's latest instruc-

tions are carried out; and that the map left by him for guidance of those carrying
out the work is made proper use of.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the District Engineer, Godavery.

To Mr. King.

To the Public Department.

Exd. S. T. Austin.

Spare Copies

Govt. of 1876 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
GODAVERY,
&c., &c., &c.

Dated June 5th.

Issued

Recd.

Encl.

G. O., 5th June 1876, No. 1,392.

JUNE.

Nos. 71-72.

Coal, Godavery District.—Letter from the Deputy Superintendent, Geological Survey of India, reporting on the quality of the — found in the Beddadanole borings, recorded and communicated to the District Engineer with instructions.

Geological Survey of India.

Yerkād, Thevaray Hills
May 27th 1876

1176

From W. King Esq.^r

Dep^y Supt.

Geological Survey of India

To Major General G. W. Welker. R.E.
Secretary to Government
Public Works Dept^y—

Sir, I have the honor, with reference to Govt. Order, 12th May 1876, No. 1199, to inform you.

The quality of the coal, as rather shaly coal, referred to in para 1. of that Order, is very poor; it is about the same as that of the coal found in 1874, on which I reported in my letter to Govt^y of 18th August 1874, the assay being:—

Carbon 16.4

Volatile 30.6

Ash 53.0

This, as a coke would give:—

Carbon 22.5

Ash 77.5

The coal referred to in para. 2. is of the same poor quality.

The Subordinate attached to the boring operations has communicated

with me regularly: the instructions given to him in my letter No 576 of 28th Jan^y were being carried out by him until Mr Vanstaveren arrived on the field. -

My letter, No 576, was written under the idea that the working season would close about the 15th May: but Major Beatty wrote to me (on hearing from Moore that he could carry on through the rains) saying that he saw no reason why we should not work on until October. The District Engineer also asked why a bore-hole should not be run down for 500 feet or more. I explained, in a Demi-Official, my reasons for such a depth not having been tried hitherto, but expressed my willingness that such a depth be attained if the work could be done of which I had doubts looking at the slow progress hitherto made in a day's work at less than 300 feet, and the evident weakness of the boring ~~rod~~ rods. The subsequent work of Mr Vanstaveren shows that the tools are not adapted for any depth like 600 feet; therefore it is possible that we shall have to be content with carrying out the lines of short boreholes across the field as originally intended by me.

On hearing that Mr Vanstaveren was again to take up the work, I

wrote a further letter of instructions to him, a copy of which will doubtless have already been forwarded to you by the District Engineer. Mr Vanstaveren's letter to me shows that he has acted rather on my old letter, No 576, while the map left with Moore seems to have been taken away from the field by someone, and Mr Vanstaveren has to trust to Moore's recollection for sites of boreholes. -

However, a later report from Mr Vanstaveren shows that he is confining the work to holes (13) & (14) for the present, one of which I have asked him to keep at as long as the tools will hold out. -

I have the honor to be
Sir

Yours much attached
W. H. P. H.

Deft. Insp.
Field here of Mr

20 1876 at 12 May/76

Op. 1846. Sept.
No 14058

From.

W. King Esq.

Dated. 24th May/76
Read - 27 May/76.
Received - 1st June 1876.
No 1176.

Regarding the quality
of certain Coal found.

in 71-

Cir. 30/6/76 at 5/6/76
at 26 May

1392 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 5th June/76
Read the following:—

From

W. King Esq.
Dy. Supt. Geological
Survey of India

(No. 1176 of 27th May 1876)

1176

Recorded and com-
municated to the District
Engineer Godavery; who is
responsible that Mr. King's
latest instructions are carried
out; and that the map
left by him for guidance
of those carrying out the
work is made proper use

of.

D. E. Godavery
Mr. King
P. S. S. S.

Dated 12/6/76

822

1271-72

4058

Govt. of Madras
PUBLIC WORKS.

To
The Bd. Godavery

Dept.

Execd.

Recd.

For

G.O. 5 June 1870, No. 1392

Recd. 7/7/72

Coal - Godavery dist.

Letter from the by Super-
intendent Geological Survey
of India reporting on the quality
of the — found in the
Beddandurthi bormis
wards & contd to the S.
Inst. with instructions —

13/8/72