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(2) Date of repair 16-9-47

(3) Initials of the Referencer 6-5

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1777

~~Press~~
Mis.

Dated 2

1874

Not to be folded or roughly handled

A5

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Madras June 6. 1844

From William King Esq.
Depy. Secy.
Public Works of India

To Capt. G. W. Walker, R.E.
Secy to the Govt of Madras
Public Works Department.

Sir,
As my working season in the Presidency District is now over, and as I have no longer any business in the Presidency (though the British Engineer) to do work at the bridge in the Poodoosahy Cutch field in consequence of the approach of the rainy season, I think it as well to give you any immediate information as to the manner of their bridge, what you will please report to the Madras Government.

In accordance with the Govt Order (W. Secy to Govt. No. 503), which is the basis in the Presidency District and Government by the Madras Government in any description, on or about the 17th February last, the bridge have been carried on and on.

I pointed out for (4) miles for bridge, which the Madras Government has with the approbation of the Government.

Until within the last few days the

results of our efforts have been very
satisfactory, thus having been only a few
feet of Carbonaceous Shale found in one
bore hole, and some pieces of "Coal in
shale" in another.

However, today, I have received
letter from Mr. Vanstamman, dated 28th
of May, in which he reports that he has
got three (3) feet of Coal at a depth
of 185' - 4", in No 4 bore hole.

Mr. Vanstamman seems, from his letter
to imply that he has not then got through
the seam, so that it is possible it may
be of great thickness. This bore hole is
at the eastern edge of the field, and as
the ~~seam~~ strata spread out to the
westward, we are thus possibly only on
the shore edge of what may be an extensive
seam.

So far the results cannot be looked on
as very promising, particularly as nothing
as yet is said regarding the extent of the
seam, or the quality of the coal. The
extent cannot be known until further
borings are made. The quality shall
be given when the assays are made. I
shall be reported with the this detail
of the field. But I shall give with
proper respect to facts this receiving
Mr. Vanstamman's report of the

work. This, it is to be expected, will
then be done in the Madison Basin, and
again in the first instance. I expect as to the
possibility of its occurrence in this field,
it may - on the details being studied - be
in the end be possible to tell whether
it occurs in some quantity.

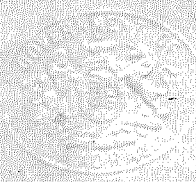
We have found that all the borings have
been attended with considerable difficulty and
delay owing to the presence of thick beds of
clay and muddy deposits, ~~which~~ ^{which} are
related with the beds ~~of the~~ ^{of the} ~~field~~ ^{field}. These clays and muds are con-
tinually getting and choke up the bore
hole for several hours, and when such stops
occur a part of the hours of each day are
consumed in clearing out this rubbish.
The only way of meeting this difficulty is
by having piping of sufficient length,
but there is only a very short length of
this supplied with the present apparatus,
which are three of 500 feet, as most of
the clay bed is ~~below~~ ^{below} 100 feet ~~deep~~
than 100 feet over the beach to the

The question as to ~~the~~ the ~~entire~~
or circumstances of the exploration in
the Bedford field will have to be de-
cided after I have received Mr. Vanstamman's
details. But I may state that in one of
the Bedford field explorations

RECD. FROM _____ (L. L.) SENT TO _____
 AT _____ H. _____ M., on the _____
 BY _____
 TACAMOND 15-6-74
 Date _____
 (P. 1)—Alipore Jail Press.

C 102845

Depositing
the above copy of
coal at a depth of
185 feet.
The Dist. Engr.
Godavery
Dated 15 June 1874
Recd. 26. —
L. O. No: 1727. 27. 72
No: 38985
from
J. V. 1874 Dept.
1874



(Case of Messrs. Robertson & Co)
No. 20.
Madras, June 6th 1874.

From: William King Esq.
Deputy Supt.
Geological Survey of India
To: Colonel H. B. Walker P.E.
Secy. to the Govt. of Madras
Public Works Department.

Sir, As my working season in the
Godavery district is now over, and as
I have recommended Mr. Vanstieren
(through the District Engineer) to
cease work at the borings in the
Beddadanole Coal Field in conse-
quence of the approach of the rainy
season; I think it is well to
give you any immediate infor-
-mation as to the success of these
borings, which you will please
report to the Madras Government.
In accordance with the Govt.
order (14th May 1873, No. 502), borings
for

12815
for coal in the Godavery district
were commenced by Mr Vanstavern
under my direction, on or about the
14th February last, which boring
has been carried on until now.

I pointed out four (4) sites
for boring, which Mr Vanstavern
has explored with the apparatus
at his disposal.

Until within the last few
days, the results of our explorations
were eminently unfavorable,
there having been only a thin
seam of Carbonaceous shale
found in one borehole, and even
traces of Coal in shale in another.

However, today, I have received
a letter from Mr Vanstavern, dated
29th of May, in which he reports
that he had got three (3) feet of Coal
at a depth of 183' - 4" in No. 4 borehole.

Mr Vanstavern seems, from his
letter, to imply that he had not then
got through this seam & that it is
possible it may be of greater
thickness. This borehole is at the
Eastern edge of the field, and as the
strata spread out to the Westward,
we are thus possibly only on the
sharpened edge of what may be an
extensive seam.

So far, the results cannot
be looked on as very promising,
particularly as nothing can as yet
be said regarding the extent of the
seam, or the quality of the Coal.
The extent cannot be known until
further borings are made. The
quality shall be given when the
assays are made, and shall be reported
with the other details of the field which
I shall give in my proper report
to Govt. after receiving Mr Vanstavern's
notes &c of the work. Still, it is

satisfactory to know that there is coal in the Madras Presidency; and as, in the first instance, I argued as to the possibility of its occurrence in this field; it may - on the details being studied - in the end be possible to hold out hopes of its occurrence in some quantity.

We have found that all the boring have been attended with considerable difficulty and delay owing to the presence of thick beds of clay and muddy deposits intercalated with the sandstone beds of the field. These clays and muds are continually falling, and choke up the bore hole for several feet; and when such slips occur a good many hours of each day are consumed in clearing out this rubbish. The only way of meeting this difficulty is by having piping of sufficient length; but there is only a very short length of this supplied with the present

apparatus which was thus of no use, as most of the clay beds are more than 100 feet down the bore hole.

The question as to the continuance or discontinuance of this exploration in the Beddolamole field will have to be discussed after I have received Mr Vanstaveren's details; but I may state that in case of continuance of operations it will be necessary that the Govt. should adopt means for procuring a supply of piping - at the same time, from what I have heard of the state of the tools from Mr Vanstaveren, all the boring rods &c. will have to be refitted at the Workshops. These matters of piping and repairs are however more properly questions which can be dealt with by the District Engineer and Mr Vanstaveren.

I am now leaving Madras for about a month prior to my

going for the remainder of the recess
of Calcutta; but I shall take the
earliest opportunity of sending
in my full report on the season's
work.

The address given above will
always be that by which I can
be communicated with most
quickly.

Yours &c

Frederick H. King

Asst. Capt.

Geological Survey of India.

Pub: Works 1874, Dept:
No: 3899

From

W. King Esq.
Geological Survey
Dept.

To

The Secy. to Govt
P. W. D.

Dated 6 June 1874
Received 26 — — —

No: 20

Q. No: 1777.2-7-74

Reporting on
the coal boring in
the Godavery Dist.

Public Works Department
Proceedings of the Madras Govt
Read the following

From Mr. Tanstaver (H. B. C. — dated 14 May
to Mr. King — — — (H. B. C. 20 dated 6 June 1874)
Telegram Mr. Godavery — dated 15 June 1874

Mr. King's letter
will be communi-
cated to the District
Engineers of Godavery,
who will arrange
with Mr. Tanstaver
for the refitting of the
boring rods in con-
-dence for next
season's work; which
should be commenced
not later than Novem-
-ber next, as recom-
-mended by Mr. Tanstaver.

As early as possible
after the rains

in communication
to the Chief Engineer.
We will also, in com-
-munication with
that gentleman, pre-
-pare and submit
with as little delay
as possible, an Es-
-timate for the necessary
piping, as there can
be ~~little~~ ^{no} doubt of the
propriety of resuming
hoisting operations
after the rains. A
regular estimate must
now be sent in,
laid out and inclu-
-ding the cost of op-
-erations in April
and

and May, to cover the
charge for coal
in the Court, Off. for
explorations (with
all Establishments
Tools &c) in order
that a regular grant
may be obtained
from the Govt. of
India for prosecu-
-tion of the work.

His Excellency
the Governor in
Council awaits
with interest further
detailed Reports.

G.M.

To the D. C. Godavari
S. Capriol / 27/7/76.

Unsub.

*Mr. H. P. ...
...
...*

*Chas. ...
26/67*

*...
...*

3899 3898

Govt. of 1874 Madras.
PUBLIC WORKS.

The Dist. Supt.
Provenance.

Recd.

Recd.

Encl.

G. O. 2nd July 1874. No. 1777

Nos. 28-29.

Coal - Godavery D.

Letter from Mr. King
Dist. Supt. Geological Survey of India
reporting on the
Coal workings. Comd to
the Dist. Engr. with in-
structions —