

(1) Number of pages 18

(2) Date of repair 16-4-47

(3) Initials of the Referencer JS

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2368	Press Mis.
394-95	
Dated 25 9	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
25th September 1873.*

No. 394. Read the following letter from Colonel H. DRUMMOND, R.E.,
Officiating Deputy Secretary to the Government of India, Public Works
Department, (Guaranteed Railways,) to Colonel G. W. WALKER, R.E.,
Secretary to the Government of Madras, Public Works Department,
(Railway,) dated Simla, 16th August 1873, No. 1,447 G. R.:-

I AM directed to acknowledge the receipt of your letter, No. 1,258, dated the
2nd May 1873, submitting a report from the Consulting Engineer for Railways on
the subject of the probable cost of obtaining coal from the lower Godavery fields,
by inland water carriage, for use on the Railways controlled by the Madras
Government, and suggesting the advisability of exploring the coal beds in the
Nizam's territory.

2. It would appear from Colonel Shaw-Stewart's estimates that, if fair
country coal can be delivered in Madras at Rupees 10 per ton, it may be profit-
ably used on the Madras and Carnatic Railways, even though English coal should
cost only Rupees 21 per ton, but as the Madras Government considers Colonel
Shaw-Stewart's calculations to be open to question, I am directed to request that
the subject may be thoroughly investigated.

3. The Indian coal beds which have been hitherto discovered produce a fuel
which is much inferior to English coal, and therefore the length of Indian
Railway over which the coal will travel has an important bearing on the subject,
because inland freight, which constitutes a large proportion of the cost of most of
the indigenous coal which is used in India, is the same whatever may be the
quality of the coal. The coal from the valley of the Godavery will be at a
disadvantage if it is burnt far from the sea, but if used near the coast this fuel, if
it cost even a higher price than Rupees 10 per ton in Madras, may compete with
English coal. The Government of India do not know the length of Railway on
which wood fuel is burnt in the locomotives, and I am to ask for a statement
showing, respectively, the names of the changing stations, in the Provinces under
the Madras Government, at which the locomotives are supplied with wood and
coal.

4. The Governor-General in Council has noticed Colonel Shaw-Stewart's
suggestion that the Government of New South Wales shall be communicated with
in order to ascertain the price at which Australian coal, fit for locomotive purposes,
could be delivered at Madras. His Excellency in Council however considers that
this subject should, in the first instance, be brought formally before the Agents
and Boards of Directors of the Madras Railway and of the newly amalgamated
Railways in Southern India. Australian coal was, it is believed, bought at
Negapatam for Rupees 18 per ton, and used on the Great Southern of India
Railway in the year 1870, and the Government of India hope that this source of
supply will receive due attention.

5. With reference to the 3rd paragraph of your letter under reply, I am to
observe that the opinions formed by Colonel Randall, the Inspector-General of
Irrigation Works, during his recent tour, tend to corroborate Colonel Shaw-
Stewart's remarks. The Government of India desire to learn the quality and
extent of the coal both in the Nizam's and British dominions in the Godavery

*Proceedings of the Madras Government, Public Works Department,
25th September 1873.*

District, and this subject will be further considered in the Department of Agriculture, Revenue, and Commerce in view to a complete exploration of these coal fields. Any assistance which may be required from the Public Works Department in order to carry out the suggestions of Geologists, and to examine the strata below the surface, at the places indicated by them, should be rendered, after the approval of the Government of Madras has been obtained. An estimate of the cost of this assistance should be prepared, and the amount will be sanctioned as an Imperial Grant.

No. 395.

ORDER THEREON, 25th September 1873, No. 2,308.

RAILWAY, No. 53.

SINCE the date of the letter above recorded, the Government of India will have received the fuller exposition of the Consulting Engineer's calculations on the subject of the Upper Godavery Coal fields as a probable source of supply to the Madras Railways, which were recorded with G. O., No. 2,024, of 14th August. The Consulting Engineer will now furnish the statement of all changing stations in the Madras Presidency at which locomotives are supplied with wood and coal respectively called for in paragraph 3. He will also bring formally to the notice of the Agents of the Madras Railways the subject of supply of coal from Australia, to which the 4th paragraph of the letter under consideration refers.

2. As already recommended, the first practical step to be taken is to place Mr. Vanstavern in charge of all further necessary coal explorations, especially that of the Beddadanoole field, alluded to in letter from the Government of India in the Department of Agriculture, Revenue, and Commerce, No. 66, of 13th May; and the next to push on with the extension of the East Coast Canal from Nellore northwards, with which view the Inspecting Engineer of Ports and Communications will report progress made in preparation of surveys and estimates, and the probable demand for funds on this account next year.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R. E.,

Secretary to Government.

To the Consulting Engineer for Railways.

.. District Engineer, Godavery.

.. .. Kistna.

.. Inspecting Engineer for Ports and Communications.

.. Public Department.

Ed. S. T. Austin.

Spare Copies.

Govt. of Madras
PUBLIC WORKS.

THE CONSULTING ENGINEER
FOR RAILWAYS

1st Sept. 1873.

Recd.

Encl.

1st Sept. 1873. No. 394.

SEPTEMBER.

Nos. 394-395

Coal.—Passing orders on letter from the Government of India on the subject of obtaining coal from the lower Godavery fields by inland water carriage for use on the Madras Railways.

All communications
should be addressed to
the Secretary.

No. 1447. G. R.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

Guaranteed Railways—
To,
The Secretary to the Government of Madras,
Public Works Department (Railway)
Simla, 16th August 1873.

Sir,

I am directed to acknowledge the receipt of your letter No. 1258 dated the 2nd May 1873, submitting a report from the Consulting Engineer for Railways on the subject of the probable cost of obtaining coal from the Lower Godavery fields, by inland water carriage, for use on the Railways controlled by the Madras Government, and suggesting the advisability of exploring the coal beds in the Nizam's territory.—

2.— It would appear from Colonel Stewart's estimates that, if fair country coal can be delivered in Madras at Rupees 10/- per ton, it may be profitably used on the Madras and Carnatic Railways even though English coal should

should cost only Rupees 25/- per ton, but as the Madras Government considers Colonel Shaw Stewart's calculations to be open to question, I am directed to request that the subject may be thoroughly investigated.

3. The Indian coal beds which have been hitherto discovered produce a fuel which is much inferior to English coal, and therefore the length of Indian Railway over which the coal will travel has an important bearing on the subject, because inland freight, which constitutes a large proportion of the cost of most of the indigenous coal which is used in India, is the same whatever may be the quality of the coal. The coal from the Valley of the Godavary will be at a disadvantage of it is burnt far from the sea, but if used near the coast this fuel, if it cost even a higher price than Rupees 10/- per ton in Madras may compete with English coal. The Government of India do not know the length of Railway on which wood fuel is burnt in the locomotives, and I am to ask for a statement shewing, respectively, the names of the changing stations in the Provinces under the

the Madras Government at which the locomotives are supplied with wood and coal.

4. The Governor General in Council has noticed Colonel Shaw Stewart's suggestion that the Government of New South Wales shall be communicated with in order to ascertain the price at which Australian coal, fit for locomotive purposes, could be delivered at Madras. His Excellency in Council however considers that this subject should, in the first instance, be brought formally before the Agents and Boards of Directors of the Madras Railway and of the newly amalgamated Railways in Southern India. Australian coal was, it is believed, bought at Negapatnam for Rupees 18/- per ton, and used on the Great Southern of India Railway in the year 1870, and the Government of India hope that this source of supply will receive due attention.

5. With reference to the 3^d para. of your letter under reply, I am to observe that the opinions formed by Colonel Kundall, the Inspector General of Irrigation Works, during his recent tour, tend to corroborate Colonel Shaw Stewart's

Stewart's remarks. The Government of India
desire to learn the quality and extent of the
coal both in the Nizam's and British dominions
in the Godavary District, and this subject
will be further considered in the Department
of Agriculture Revenue and Commerce in
view to a complete exploration of these coal
fields. Any assistance which may be required
from the Public Works Department in order
to carry out the suggestions of geologists and
to examine the strata below the surface,
at the places indicated by them, should be
rendered, after the approval of the Govern-
ment of Madras has been obtained. An estimate
of the cost of this assistance should be prepared
and the amount will be sanctioned as an
Imperial Grant.

I have the honor to be,

Sir,

Your most obedient servant.

R. Brown and Colonel, R. E.

Officiating Deputy Secretary.

Stewart's 10 10 10

W 1843 Report
No. 4751

The Govt of India

Dated 16th August 73
Recd of 24th

No. 1447 & A

Paying orders
on the subject of
obtaining coal
from the Lower
Godavery fields,
by inland water
carriage, for use
on the Madras
Railways.

No 394

Oct 30

No. 2368. 25th Sept. 73.

No. 2368/No. 1
No. of the Madras Govt.

From the Govt of India (H.E. No. 1447 & A. 7/6 Aug 73)

Since the date of the
letter above recorded
the Government of
India will have re-
ceived the fuller expo-
sition of the Consulting
Engineers calculations
on the subject of the
Lower Godavery Coal
fields as a probable
source of supply to the
Madras Railways, &
which were recorded
with No. O. No. 2024

M
4/9
JH

so already recommended,
the first practical
step to be taken is to
place Mr. Tanstaver
in charge of all further
necessary coal explora-
tions, especially that
of the Bedda dandi
field, alluded to in
letter from the Govt.
of India in the De-
partment of Agri-
culture Revenue
and Commerce
No. 66 of 13th May.
And the next step
on with the extension
of the East Coast
Canal from Bellare

Southwards, with
which view the In-
specting Engineer of
Ports and Communi-
cations will report
progress made in
preparation of Sur-
veys and Estimates,
and the probable
demand for funds
on this account next
year. Yours

C. I. for Ryot
D. E. Goddard ✓
Rector ✓
J. I. for Ports & Comm ✓
Public Dept ✓
Dr Eng Bellare

S. C. dated 3/10/73
21 Decr /73

Handwritten text on a piece of paper pasted onto the left page. The text is mostly illegible due to fading and bleed-through, but appears to include the word "Jama" and some other words.

Handwritten text on a small piece of paper pasted onto the bottom left corner of the left page. The text reads "H-394-95".

Ch 4751 ★
G.O. of 1873 Madras.
PUBLIC WORKS.

The Consulting Engineer
for Railways

Date _____
By _____
Encl. _____

G. O. 25th Sept. No 2868.

No. 394 & 395

Coal. Passing orders
are letter from the Govt of
India on the subject of
obtaining coal from the
lower foodanery fields
by inland water
carriage for use on the
Madras Railways.