M.R.O. 14—10,000—21-4-23.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1969 Press Mis.

154-155

Dated 11-10-1861.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department,
11th October 1861.

No. 154. Read the following letter from Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, Department Public Works, to J. D. SIM, Esq., Secretary to Government, Public Works Department, Fort Saint George, dated Chepauk, 2nd October 1861, No. 5,518:—

SIR,

1. I have the honor to forward herewith for inspection two specimens of coal from the mouth of the Tál river, a tributary of the Godavery, 130 miles above Dowlaishwaram, and 10 miles from Dúmagudiam. Both were picked up in the bed of the Godavery near where the Tál river enters it, and of the thick, dull looking kind many large blocks were found. They are both apparently true coal. The thin specimen is bituminous and will burn with a flame if lighted at a candle, the other is non-bituminous, a kind of anthracite, and burns very badly, the former was, I am informed, picked up by Mr. Wall, the Government Mineral Surveyor, and the latter was discovered by one of Captain Haig's Assistants, Lieutenant Montgomerie, when on an exploring expedition up the Godavery.

1 Letter from Captain F. Applegath, 33rd Regiment M. N. I, dated 21st September 1861.
2 Specimens of Coal.

2. The exact position of the bed of the coal has not yet been found, but it is thought that it must be near the mouth of the Tál, because a very few miles up that river the rock is primary.

3. The discovery of coal in the vicinity of the Godavery is a subject of such importance, especially at the present time when every effort is being made to make use of this river as a high way from the interior to the cost, that I venture to suggest to Government the desirableness of appointing some qualified person to proceed to the spot and follow up the investigation which was commenced under Captain Haig's directions some months ago. A shaft was begun near the spot where the specimens were found, but the rising of the river put a stop to it. Moreover, the Officers and Subordinates employed under Captain Haig's orders have their hands full, and none of them, as far as I am aware, possess the necessary experience for such investigations.

4. The Officer I would propose for this duty is Captain Applegath of Her Majesty's 33rd Madras Native Infantry, at present doing duty with the 34th Light Infantry at Madras. He has made it the subject of study for years past, and has been engaged in similar investigations on the Kistna at his own charge, and with, as he thinks, some prospects of success could he have continued his operations.

5. Believing that he would be a proper person to appoint to this duty, I took upon myself to write to him on the subject to ascertain how long he thought the investigation would take, and about what sum would be required. In the accompanying letter he replies to these questions; and the Government will see that he estimates the period required for the exploration at six months and the expense at Rupees 200 per mensem, including searching, surveying and boring, if necessary. This is exclusive of his own salary and travelling allowance, which I would recommend should be those of a 1st Assistant District Engineer, viz., Rupees 300 salary, and 5 Rupees a day travelling allowance. The aggregate cost of the exploration survey, &c., may be estimated therefore at Rupees 3,900, or say Rupees 4,000.

	RS.
Captain Applegath's salary at Rupees 300 per mensem for six months.....	1,800
Do. Travelling allowance at Rupees 5 per diem for do.	900
Contingent expenses at Rupees 200 per mensem for do.	1,200
Total Rupees...	3,900

6. This expenditure, though not of course provided for in the Public Works Budget, may, I have little doubt, be met from the saving on the item of salaries and contingencies during the current year, but as the subject is one in which the interests of the empire generally are concerned, and, moreover, as the locality to be explored is on the Nagpore side of the Godavery and, therefore, under the Supreme Government, I would suggest that a special grant be solicited from the reserve fund at the disposal of that Government, and that early orders may be given for the investigation to be proceeded with as the cold weather is now approaching when the country is healthy and circumstances most favorable.

Proceedings of the Madras Government, Revenue Department,
11th October 1861.

7. Captain Applegath, in the 5th paragraph of his letter, suggests that a small detachment* of Sappers and Miners accustomed to boring should be placed under his orders to assist him in the search for coal, and I would recommend that this should be done. The boring apparatus at Bezwadah will of course be at his service, or that at Hyderabad might be sent to Baddrachellam on the Godavery to meet him. The several instruments asked for by Captain Applegath can, with the permission of Government, be supplied from the stores of this Department.

* One Naigue and six Privates.

No. 155. ORDER THEREON, 11th October 1861, No. 1,969.

The Government resolve to forward the specimens received with the above letter to Mr. Foote of the Geological Survey of India who is now at Madras, and to request that gentleman's early opinion on them.

(Signed) J. D. SIM,
Secretary to Government.

Madras 21st September 1861.

To, Colonel Arrowsy,
Chief Engineer
for Madras.

Sir,

I have the honor to acknowledge the receipt of your letter dated 19th September 1861 and beleave be very happy to use my best endeavours to trace the Coal Indications lately discovered by Captain Haig at the junction of the Godavery and Sabpheru.

2. The Coal at present found is thought by many Officers to be at least a strong and marked Indication of true Coal and some pronounce it Coal itself and that in Scotland where this substance is found a real bituminous Coal is found close adjoining the value of a real good Coal on the Godavery, it is impossible to over-estimate.—

3. The expense of exploring and making a Geological Survey and Section of the country will probably cost about 300 R. But about a boring be required I would estimate the expense at about

1000

1000 Rs additional which latter amount would include the cost of transporting the boring apparatus either the one from Anjarakandy or the one from Bezwarah Mahéine the one at Anjarakandy is in efficient working order and about 160 miles distant from the junction of the rivers above mentioned.

4. Regarding the probable time required to carry out your instructions I would suggest a period of six months should be allowed and I estimate the total expences of searching surveying and boring will not exceed 2000 Rs per mensem.

5. A small Detachment of Sappers (1 Naique and 6 Privates) and if possible those who are accustomed to work a boring apparatus would be of the greatest assistance in prosecuting this search and in conclusion may I ask the favor of this enquiry being placed under my superintendence and further that a few useful instruments named in the margin from the Engineers Stores may be allowed me

and I will be responsible that they are properly taken care of and kept in working order.

I have the honor to be
Sir,
Your most Obedient Servt
Francis Applegath Captain
33 Regt M N I.

Madras
21st Sept
1861

Clynometer
Circumferentor
Chain
Maps of the
Godavery
Box of Cables

Coal - 2 Divisions

25/61

No. 2972 October 1861 No. 3518

No. 8653

From

Captain D. Applegath
33rd Regt. M. N. I.

Dated 21st September 1861.
Recd. 30th "

Ans. 2 3867

Stated that he will be happy to use his best endeavours to trace the Coal indications lately discovered by Captain Haig at the Junction of Godavery and Tal rivers.

26th 4

My dear Mr Ann

If you can by any good fortune put me as a Surveyor to Col. Horsley Application for my services to explore the Coal in the Godavery District he may wish [illegible]

I am very sorry to hear you are ailing

Geo. Major

Fort Saint George

but this matter
is quite enough
to make any
one sick. I shall
take a few days leave
of absence
and will go
Col Silver
may keep
my duty
Capt J. M.
open for me

for a few days.
I am not
prepared on
paper as I
should
be very glad
to have you
publicate for
me
I have applied
for Hall Corbin
Just time since

Transcribed from Jon the
Quite the gen
Becoming
Sylvan M. Jr
Mr Smith
Fran Attorney at
33 Bell

This Gentleman applied
(31st July 1840) for permission
to prosecute a search for
coals on the banks of the
Krishna & Kalar - and as
the matter being brought
to the notice of the Secy
of State, he refused to grant
the permission (as more fully
subsequently the Govt of India
likewise objected to the
request of Capt Applegath
being complied with, as
as a general Geological
Survey of the Country
is being conducted under
the superintendence of
a competent officer and
Capt Applegath himself
removed from the
Public Works Department
of Mysore. —

Chief Major

Fort Saint

the Country is healthy and circumstances most favorable.

7. Captain Applegath in the 5th para (1 Naique and 6 Privates) of his letter suggests that a small Detachment of Sappers and Miners accustomed to boring should be placed under his orders to assist him in the search for Coal, and I would recommend that this should be done. The boring apparatus at Bezwadah will of course be at his service, or that at Hyderabad might be sent to Buddrachellum on the Godavery to meet him. The several instruments asked for by Captain Applegath can, with the permission of Government, be supplied from the Stores of this Department.

Central Office P.W.D.
the 2nd October 1861

I have the honor to be,
Sir,
Your most obedient Servant
Wm. Bosville Lieut. Colonel
Chief Engineer

To J. D. Sim Esqre
Secretary to Government P.W.D.
Fort Saint George

Ex Master

(4) Rev 1861 Department
Pro: of Govt for October
2356

From
Lieut Col W. H. Sherley
Chief Engr Dist 2d

To
J. D. Sim Esqre
Secretary to Govt N.W.P.
Fort Saint George

Dated 2d
Received 2d } October 1861
No 5518
Encl

Submits for inspection two specimens of Coal from the mouth of the Tal river & proposes that Capt Appleby &c be appointed to proceed to the spot & follow up the investigation which commenced under Capt Shaw's directions some months ago & states the aggregate cost of exploration will amount to Rupees 4000 & suggests that a special grant be solicited from the Govt of India, as the locality to be explored is on the Rajahs side of the Godavery

With case & order

No 1969

His Govt resolve to forward the specimens received with the above letter to Mr Foote of the Geological Survey of India who is now at Madras and to request that gentleman carly opinion on them.

Fort St George
11th October 1861

13 Copies. Chief Engineer Dist 2d
1 " R. B. Foote Esqre
with Specimens

No 5 September 1860 No 65-68
" 14 November 1860 No 247-248
" 11 January 1861 No 156-157

From Foote Esqre
Geological Survey of India
dated 22d October 1861 No 2577

No 154 & 155.

Octr 24 Rcd