

C.S.

Minerals.

MIN/GEO/1#4

Lime.

1920.

No. 494

Magistrate W^o.

SUBJECT.

1920

26 May
Previous Paper.

Forwards report on possibility of local
preparation of lime.

MINUTES.

G.O. 294/20

H.B.

Refer to Colonial Engineer for his report.

Col. Eng.
29/6/20

C.S.O.

(2)

Yls. Please ask C. E. to come
and see me on the subject, and
bring file with him.

W.M.
28-6-20

Col Engineer.

To note His Excellency's minute (2)

above. Col. Eng.
for C.S.
29/6/20

(4)

Hon. Col. Sec.

Paper returned at your request.
Samples returned also.

R.B.S.
C.S.
16-8-20

Subsequent Paper.

Vide despatch to C.O. No 79 Encl. 2.

19th August 1920. W.M.
19-8-20

633/21

Minute from.

Encl 3.

Copy of Telegram from Secretary of State of 23rd Feb 1921

Telegram to S of S. of 26th Feb 26th 1921.

Colonial Engineer.

Samples herewith. Please forward to Crown Agents in suitable package, quoting on label Ref: Dis No 79 of 19 Aug 1920

for S. 26 Feb 1921.

The Hon. Col. Secy.

Sample forwarded to Crown Agents as instructed.

P.B.B.
C. E.

1 / 3 / 21

Minute from Colonial Engineer of 18/3/21 Enclosure (4).

H.E. the Governor,

Submitted.

2. No instructions can be traced in C.S.O in regard to the case shipped by s.s. "Huanchacco" on 12/10/21, referred to in Encl: (5). Will Your Excellency kindly instruct me whether the amount is chargeable to Government and if so, might I enquire to what Vote (Item) on Estimates is freight on same chargeable to.

Yours

A. C. S.
A. C. S. 21/3/21.

H.C.S. as the amt. not sum wd any appropriate item,

I suggest Head XIII Item 9 contingencies.

22.
24 March 1921.

H.E. the Governor,

A Financial Requisition submitted for £25, instead of one for 10s 10d, the amount of the present charge, as there will be other charges against this Vote later on.

W. Thompson
A. C. S. 26/3/21.
29 March 1921.

Hon: Treasurer,

I regret sending the enclosed Financial for approval before the same had been passed by you

Will you kindly withdraw same and if in order will please number the Requisition and send it on to the Head of Department responsible for vote.

Requ. No. 27
W. Thompson
A. C. S. 30/3/21.

Hon. Col. Secty,

Done accordingly.
M. Craigie Halliday
30.3.21. *as Treasurer.*

There has been previous expenditure authorised against this item of £3-14-2 (Decorations on Governor Middletons arrival)

MCH

Financial Requisition No. 27, as amended, withdrawn.

1/25
1/4/21

1490/30

The Office of the Magistrate

Fox Bay.

May 26th 1920.

Sir,

I have the honour to suggest the possibility of the local preparation of lime from the substance of which I send specimens in three stages of preparation.

There are three receptacles A, B, and C.

A. contains the raw material, appeared by the remains of a calcareous seaweed, which I believe to be almost pure carbonate of lime.

In a number of places this substance occurs almost quite pure and in considerable quantity on beaches, which are I believe generally called "shell beaches". I have seen it at Spring Point; there is a beach here, and another in the North of this Island, while there is said to be a very large deposit at Fitzroy from which there is a specimen in the

Museum

muscum.

I have little doubt that many others exist

The raw material was not cleaned in any way before being "burned". This was done in an open "tin" on the fire and the process was continued until the whole mass was red-hot, in which state it was left for some time.

On cooling I found that the "tin" had flaked off with the heat and I had to remove as much as possible of this contamination with a magnet.

The cooled substance was then ground by hand in a mortar a sample of this "unslaked lime" is contained in tube B.

In C is a quantity of the "lime" which has been slaked by the addition of water. It sets extremely quickly if but a small quantity of water is added.

added, and has the characteristic odour of lime.

If, Sir, I may trouble you to try the experiment, the addition of a little ^{cold} water to the "unslaked" specimen in C will produce a rise in temperature, although it will be slight, owing presumably to the small mass affected, or possibly to inadequate burning.

From (1) the calcareous appearance of the raw material,

(2) its alteration on "burning"

(3) the evolution of heat on "slaking" the burnt material

(4) the odour, and

(5) the "setting" after slaking

I have come to the conclusion.

Given above that in this beach deposit a possible local supply of lime exists.

2.) Whether peat is a suitable

fuel

fuel for use in lime burning I do not know; but if it is, I suggest that production on a small but perhaps adequate scale may be possible.

The present price of imported lime is, I believe, extremely high.

I have the honour to be

Sir,

Your obedient
servant,

J. H. Hamilton.

Stipendiary Magistrate

West of Auckland.

The

Honourable Colonial Secretary

Stanley.

Copy

(2)

494/20

FRENCH ISLANDS.

No. 79.

Government House,

19th August, 1920.

My Lord,

I have the honour to submit herewith certain specimens transmitted by Mr. J.E. Hamilton, Stipendiary Magistrate, West Falkland, together with an explanatory letter from him.

26th May, 1920.

2. The Colonial Engineer at Stanley was asked to report on the specimens, but has no criticisms to offer.

3. I should be grateful if the authorities of the Imperial Institute of Science and Technology could be approached with a view to ascertaining (a) if the substance either in its pure form, or after the addition of some other material is suitable for building lime (b) if it might be safely added to the water supply of Stanley in order to abolish the excessive softness of the water.

I have the honour to be,

My Lord,

Your Lordship's most obedient,

humble servant,

(sgd) W. P. Martin.

Administrator.

THE RIGHT HONOURABLE

VISCOUNT SIMON, P.C., G.C.B., G.C.M.G.,

SECRETARY OF STATE FOR THE COLONIES,

Sc.,

Sc.,

Sc.

Copy. (3)

494/20

TELEGRAM.

From Secretary of State
To Governor

Despatched 11.11 a.m. 23rd February, 1921.

Received 2.36 p.m. 23rd February, 1921

With reference to your Despatch of 16th August, No. 79
your telegram of 2nd September lime samples not received
by Crown Agents send others.

Churchill.

(14)

C.S. 1494/20

TELEGRAM.

From: The Governor.

To: The Secretary of State for the Colonies.

Dispatched: 11.30. a.m. on the 26th February, 1921.

FALLOWNESS UNEDIFIED LIME SAMPLES SACKERLOST DUENDES
FALESCORE. MIDDLETON.

26th Febry. Your telegram of the 23rd February. Lime
samples sent by Duendes February, 28th.

Middlston.

P/P

(5)

MEMORANDUM.

...18th March...1921.....19

From.....Colonial Engineer.....

To

The Honble

THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

Stanley, Falkland Islands.

I think this case was sent by either Mr. Martin or Mr Hamilton. I had the case packed and delivered to the F. I. Co for shipment under instructions from Mr Martin.

C.E.

C. E.

18/3/21.