

J. C. MIMS,
Analytical, Industrial and Engineering

P.O. Box 1298
Phone Main 4442
Cable Address Mims,
New Orleans.

Chemist
825 Gravier St.,
New Orleans, La.

Jan. 30, 1917

Analysis
No. 34275.

Sample of Sugar Cane.
Marked: Fruit Land Co.
From J. M. Burguières Co., Ltd.,
New Orleans, La.

CERTIFICATE OF ANALYSIS.

Composition of juice with about 60 per cent extraction.

Degree Brix at 17.5 C	17.5
Degree Baume "	9.8
Sp. Gravity "	1.07133
Sucrose (Direct)	14.49
Purity (Apparent)	83.7

(Signed) J.C. MIMS,
Analytical Chemist.

DUPLICATE

THE J.M. BURGUIERES CO. LTD.

SUGAR PRODUCERS,

D.P. Burguiere, Pres.
J.M. Burguiere, Vice Pres.
E.A. Burguiere, Treasurer.
H.I. Burguiere, Secretary.

Lock Box 78,
Telephone, Main 2640.

840 Gravier

NEW ORLEANS, January 31st, 1917.

Okeechobee Fruit Lands Co.,
#1010 Bisbee Building,
Jacksonville, Fla.

Gentlemen:

We wish to acknowledge receipt of your letter
of January 27th.

The three stalks of cane arrived and were
analyzed and you will find copy of analysis herein enclosed.
This cane appears to be excellent specimens and the test is
far above the Louisiana average.

If there is very much territory in your section
capable of producing large quantities of cane testing as
high as the samples sent us, why then there are possi-
bilities of a new great industry for southern Florida.

The writer and his brother Mr. D.P.J. Burguiere
expect to be in Florida very shortly and we hope to have
the pleasure of seeing your Mr. Caine.

Yours very truly,

THE J.M. BURGUIERES CO. LTD.

EAB/GH

(Signed) Earnest Burguiere,
(Treas.)

enc. (1)

c/o Mr. J.M. Burguiere,
Lake Park Hotel,
West Palm Beach., Fla.

COPY.



GEOLOGICAL DEPARTMENT OF THE STATE OF FLORIDA

E. H. BELLARDS, PH. D., STATE GEOLOGIST

TALLAHASSEE.

Nov., 5, 1917.

Chevelier Corporation,
Mr. J. F. Jaudon, President,
Miami, Fla.

Dear Sir:-

I have been delayed in replying to your letter of October 25 because of a report that is going through the press.

The rock of which you send sample is a limestone. It should be of service for road building purposes, or, if ground, for agricultural lime.

Very sincerely yours,

E. H. Bellards
State Geologist.

CO PY

LOCKHART LABORATORIES

Atlanta, Ga.

Chevelier Corporation,
Miami, Fla.

Gentlemen:

In connection with the analysis of a pure limestone submitted by us on the 5th of June, I wish to state that this limestone belongs to a special class generally known as "oolite" or oolithic limestone. It is related in its composition and in its method of origin to the form of limestone known as "Travertine".

This limestone is probably of comparatively recent origin (geologically speaking). The value of a material of this nature depends largely on the tonnage available, the uniformity, the ease of mining and the location of the deposit with respect to the possible market.

It might have a possible value in certain chemical processes requiring pure lime, such as possibly in purifying sugar.

Yours very truly,

(Signed)

LOCKHART LABORATORIES

L/b

Per L.B. Lockhart.

L. B. LOCKHART

CONSULTING AND ANALYTICAL CHEMIST

33 1-2 Auburn Avenue.
Atlanta, Ga.

CERTIFICATE OF ANALYSIS.

No. 6/5.1919.

Sample Rock #1.

From Chevelier Corporation, Miami, Fla.

Marked (Your letter May 27th.)

Analysis	Per cent
Moisture.....	0.25
Silica (SiO ₂)	0.06
Phosphates.....	None
Carbon Dioxide (CO ₂).....	42.60
Lime (CaO)	54.20
Magnesia (MgO).....	0.20
Oxides of Iron & Alumina	0.36
Alkalies and Undetermined	2.33
Total.....	100.00

Remarks:

This analysis shows a limestone of unusual purity. The Silica (sand, etc.) the magnesia, and the iron and alumina being very low. There is present a total of 96.60% Carbonate of Lime. This Limestone would be suitable, chemically, for the manufacture of cement, lime, silica-lime brick, and for agricultural purposes (as ground limestone). Its physical character might be suitable for ballasting and possibly for road building.

Respectfully submitted
(Signed) L. B. Lockhart
Chemist.

SEAL }

COPY

OBJECT: THE ADVANCEMENT IN CULTIVATION OF SUGAR CANE, AN INCREASED PRODUCTION, STANDARDIZATION, AND A BETTER MARKETING OF SYRUP AND TO PROMOTE THE MANUFACTURE OF STANDARD GRANULATED SUGAR IN THE STATE OF FLORIDA

South Florida Cane Growers Association

DR. FRANKLIN MILES, President
Fort Myers, Florida
G. HUNTER BRYANT, Secretary
Fort Myers, Florida
A. H. ANDREWS, Treasurer
Estero, Florida

JULES M. BURGUIERES, First Vice-President
West Palm Beach, Florida
E. V. BLACKMAN, Second Vice-President
Miami, Florida
JOHN SCOTT, Third Vice-President
Arcadis, Florida

FORT MYERS, FLORIDA

June 10th, 1919.

Capt. J. F. Jaudon,
Miami, Fla.

Dear Capt. Jaudon:-

Doctor Miles has made a considerable study of marl soil and recently got a laboratory analysis, a copy of which I am herewith enclosing.

I showed him a copy of your analysis and he was very much pleased as yours showed a percentage of potasium. He has been looking for iron in marl, and while the laboratory shows a small quantity, he himself has found considerable.

I wish you would please send me, c/o Atlantic Hotel Jacksonville, a copy of your analysis typewritten as I do not believe I have the right figures and at the same time send the name of the party that made your analysis to Dr. Miles and I shall be every so much obliged to you.

I expect to leave tomorrow for Jacksonville and stay there until I go to press with the Planter, commencing my campaign for making Florida a sugar producing State.

Write me at Jacksonville, Fla.

Very truly yours,

F E Harrison

P.S. Also please send me copy of hammock land analysis.

COPY

J.H. Pratt Laboratory,

CERTIFICATE OF ANALYSIS.

Series C xx

D

No 6329

TAMPA, FLORIDA May 27th, 1919.

Results of Analysis of Sample of
ROTTON LIMESTONE

Marked : "MARL"

Received from --Dr. Franklin Miles, Ft. Myers, Fla.
May 20th, 1919.

For analysis

Weight - 9½ Lbs

Sample contains:

Lime (CaO),	46.28%
Equivalent to Lime Carbonate	82.58%
Phosphoric Acid (P2O5)	1.03%
Iron Oxide, a small quantity	
Potash, None	
Moisture @ 100° Cent	0.29%

Respectfully submitted

(Signed) J.H. Pratt,
Lab'y.

C O P Y

June 13, 1919.

Mr. F.E. Harrison.,
Atlantic Hotel
Jacksonville, Fla.

My dear Mr. Harrison:

Complying with your request I am mailing you copy of the analysis made by John W. King (who is now in Mesopotamia) of the muck land just west of Miami, also of hammock and muck land. Also analysis of the cement making rock of which newspaper rate has been made; also copy of analysis of the clayey limestone subsoil found on our Chevelier property.

I note that you expect to stay in Jacksonville until you go to press with The Planter, which is mighty fine news.

Acknowledge with pleasure receipt of the analysis of the sample of rotten limestone marked "Marl" by the J.H. Pratt Laboratory..

Kindest personal regards,

JFJ:H



STATE OF FLORIDA
DEPARTMENT OF AGRICULTURE
DIVISION OF CHEMISTRY

R. E. ROSE
STATE CHEMIST

ASSISTANT STATE CHEMISTS

A. M. HENRY, B. S.,
Foods and Drugs

E. PECK GREENE, B. S.,
Stock Feed

FRANK T. WILSON, B. S.,
Fertilizers

INSPECTORS

A. C. HARLER,
Tampa

MARCUS ENDEL,
Jacksonville

J. FRANK SMITH,
Milton

TALLAHASSEE

May 26, 1919

5

Mr. J. F. Jaudon,
Miami, Florida.

Dear Sir:

Yours of May 26, inclosing copy of letter to H. D. Vinters, Bacteriologist, duly received. I again inclose you a copy of the Rules and Regulations, marked. The facts are that, owing to the very small force of analysts, it became necessary to limit the work of the Laboratory to such analyses as were provided by Law. Our force is now working ten hours or more per day on official samples of foods, feeds, and fertilizers, and find it impossible to keep up with the work.

I send you under separate cover a copy of THE UNDERGROUND WATERS (ARTESIAN WATERS) OF THE STATE, by Dr. E. H. Sellards, State Geologist, in which you will find a number of water analyses from different localities in the State. These are complete analyses, and show, as stated on page 11 of the Regulations that Lime, Salt, Epsom Salts, Sand and Iron are practically the only impurities found, the occasionally very small amounts of phosphate salts are found, and that near the seacoast, sodium chloride (common salt) predominates.

I also inclose you the analyses of several samples of water from various points on the East Coast.

Ordinarily a water analysis will cost, owing to the time required to properly make the analysis, from \$25.00 to \$100.00, depending entirely upon the amount of work, and the number of separate analyses required.

Lime can be removed from hard water by precipitation in a water-purifier. Salt can not be removed excepting by distillation. There are few if any artesian wells in the State that do not have more or less lime, and many, as you will note, contain salt (sodium chloride). The towns on the East Coast, Daytona for instance, have water-purifiers to precipitate the lime, but they are unable to remove the salt excepting, as stated above, by distillation, which is the only way to obtain absolutely pure water, while filter beds are frequently used to remove organic matter and other impurities mechanically.

Yours truly,

R. E. Rose

May 31, 1919.

Mr. R.E. Rose.,
State Chemist,
Tallahassee, Florida.

Dear Sir:

Acknowledging receipt of yours of May 26, for which I thank you, and I know your force is certainly busy, hampered as you are with lack of appropriation, and limited with the scope of your work.

I note also receipt of the report of The Underground Waters (Artesian Waters) of the State, by Dr. E.H. Sellers, State Geologist--a copy of which I have already had, but I have reviewed the water analysis given therein with great interest, also analysis of the water found at various points on the east coast--for all of which I thank you very much. But my great interest is an analysis of water found on the west coast and certain artesian wells which have been driven there which appear to be water of unusual quality by reason of their being only a trace of sulphur order as it flows from the wells, and the fact that soap which ordinarily in hard waters are not effective, produce a lather ~~whbbhase~~ ~~as~~ the instance when used in rain water. In other words the water appears to be soft--as a laymen such as myself, would express it--which leads us to believe that no filter beds or purifiers will be necessary, if this water could be used for drinking and domestic purposes, hence, our great desire to get an analysis of same to the end that this fact could be ascertained, or we found an error in our surmise.

You indicated in your letter that ordinarily water analysis will cost from \$25.00 to \$100.00, depending entirely upon the amount of work and the number of separate analysis required. Will you indicate to me who you would recommend to do this analytical work for us.

Again thanking you for your courtesy in answering my letter of May 26 and for the other data furnished, I am,

Yours very truly,

JFJ:H

Water M. No. 365 (Miami, Fla.)
Total solids per 100,000 parts, 32.5 parts.
Composed of--
Calcium Carbonate (lime)
Calcium Sulphate (Gypsum)
Sodium Chloride (common salt).

Water M. No 538 (Tampa, Fla.)
Total solids: 141.2 parts per 100,000 parts;
composed of sodium chloride, calcium carbonate
and magnesium sulphate.

Water M. No. 829 (Palm Beach, Fla.)
Total solids, 913 parts per 100,000 parts.
Composed of sodium chloride, calcium carbonate
and magnesium sulphate.

Sarasota,
Artesian well water from 300-ft. well M. No. 1281
Total solids per 100,000 parts are 113.8 parts,
composed of Calcium Carbonate (lime), Magnesium
Sulphate (Epsom salts) and Sodium Chloride (salt)

Water M. No. 1421, (Jacksonville, Fla.)
(parts per 1,000,000)

Chlorine (Cl)	18
Carbonate radicle (CO_3)	0
Bicarbonate radicle (HCO_3)	299
Loss on ignition	66
Total dissolved solids	<u>404</u>

Water M. No. 1422 (Port Tampa, Fla.)
(parts per 1,000,000)

Chlorine (Cl)	209
Carbonate radicle (CO_3)	0
Bicarbonate radicle (HCO_3)	375
Loss on ignition	590
Total dissolved solids	<u>830</u>

Water M. No. 1542 (St. Petersburg, Fla.)
(parts per 1,000,000)

Chlorine (Cl)	1,092
Carbonate radicle (CO_3)	0
Bicarbonate radicle (HCO_3)	200
Loss on ignition	765
Total dissolved solids	<u>3,310</u>

EXCEL REMNANTS CO.

New and Washed Wiping Materials, Cheesecloth, Waste

~~119 FRANKLIN STREET~~
8 GREENE STREET

NEW YORK. March 30th, 1920

Mr. J. F. Jaudon,
233 Republic Bldg,
Miami, Fla.

Dear Mr. Jaudon;-

I am in receipt of your letter and samples of bark. It is too bad I did not have this sample in the beginning, as there is all the difference in the world between this and what I brought with me. The bark I brought with me when analyzed proved of no commercial value, as it was too young.

You are very stingy with your samples. How about sending me about 20 pounds, of this good heavy bark. You know that I do not just want to submit it to one party. There are a dozen big people up here who might be interested, in fact I have found out there is an active market for it.

One of my greatest difficulties is that all these people want me to make them a definite proposition. And I am floundering around trying to find out what price it brings. So far I have heard it brings about 3¢ per pound. Have you any idea whether this is anywhere near right?

Please get this twenty pounds of bark off to me as soon as possible, as I do not believe in letting anything get cold. With best regards to you and yours, from me and my folks.

Sincerely yours.

G. P. Lotterhand

CLASS OF SERVICE	SYMBOL
Day Message	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a day message. Otherwise its character is indicated by the symbol appearing after the check.

WESTERN UNION



TELEGRAM

CLASS OF SERVICE	SYMBOL
Day Message	
Day Letter	Blue
Night Message	Nite
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a day message. Otherwise its character is indicated by the symbol appearing after the check.

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

7:30 AM '14

RECEIVED AT

A635J 19 NITE 4 EXTRA

BM NEWYORK NY 14

CAPT J F JAUDOZ

233 REPUBLIC BLDG MIAMI FLO

WROTE YOU FOR 20 POUND SAMPLE TEN DAYS AGO WHEN CAN YOU SEND IT.

LOTTERHAUD 8 GREEN ST NEWYORK.

SPECIALTY
EXPLOITATION OF PEAT DEPOSITS FOR
POWER GAS, BY-PRODUCTS
AND FERTILIZATION
MINOR PATENTS
OFFICES AND LABORATORIES
ST. AUGUSTINE, FLA.

MEM. AM. ASSN. ENGINEERS
CHARTER MEMBER AND VICE-PRES.
AMERICAN PEAT SOCIETY
ASSOC. MEM. CANADIAN PEAT SOC.

ROBERT RANSON

CHEMICAL AND SOIL ENGINEER

ACCURATE REPORTS AND ANALYSIS OF FLORIDA SOILS, ETC.
FOR INDUSTRIAL AND AGRICULTURAL PURPOSES

PHONE 3763
140 N. E. FIRST AVENUE
MIAMI, FLA.

APOPKA, FLA.

JULY the LAST .1924 .

My dear Captain:-

Commend me to Senator Fletcher to get publicity out of anything that comes up, as per enclosed clipping cut from Tampa Tribune and recycled from Times Union.

Richard Whitney of New York has a wonderfully laid out peat plant at Zellwood about nine miles from here I spent all day there Tuesday last and had a very warm welcome.

They are working exclusively on the fertilizer end and would do well but they have had abnormal rains for some time and this has set them back. Fritz is well and so am I tho a little bilious but am taking calomel for that and will be all right in a day or two I think we shall return about the beginning of the coming week. I have surveyed out his place and will map it on my return. Sorry to hear that Deanes presence spells little after all you have done to advance his interests. Possibly when La Follette is seated in Washington times will improve.

I shall take advantage of my intimacy with Fritz to further your interests all I can. Thanking you for your continued interest in my welfare and sincerely hoping I may have an opportunity to reciprocate at an early date and sending my respects and regards to the whole Jaudon family :-

I remain
Very sincerely Your's

ROBERT RANSON

FLORIDA HUMUS COMPANY

ZELLWOOD, FLORIDA

RICHARD WHITNEY, Pres. & Treas.
MAX J. KRAMER, Vice-Pres.
FREDERIC E. MYGATT, Secretary

EXECUTIVE OFFICES
ROOM 505
14 WALL STREET
NEW YORK CITY

New York, August 28, 1924.

J. F. Jaudon, Esq.,
321 N.W. Fourth Avenue,
Miami, Florida.

Dear Sir:-

We beg to acknowledge and thank you for your letter of August 27th, and it is always a pleasure to us to get word that others are interested in the development of peat.

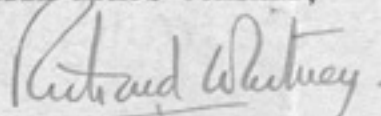
At the present time we are not contemplating going into the question of its availability as a fuel, although we realize it has great value in this direction. We do not expect to take up this element until after the turn of the year.

Thanking you sincerely for your letter, we are

Faithfully yours,

FLORIDA HUMUS COMPANY,

By



President

RW..JP

SPECIALTY
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FOR INDUSTRIAL AND AGRICULTURAL PURPOSES

PHONE 3763
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St. Augustine . Florida .

Dec 3rd 1924 .

My dear Captain:-

I ought to have knocked wood when I last wrote you bragging as to my fine physical condition . I had then a slight cold and on Sat. fulfilled a long desire wish to go out for a day with the shriaping fleet from here. Truly a wonderful experience but it was cold and damp and Sunday I went to bed and have only just got up , I had the best of attention as my daughter Grace w as relieved from her duty of nearly a year with Doctor Anderson who passed away early Monday morning . As an old friend of the family I was selected as one of the pall-bearers , a great honor, at to day's funeral but my best judgment urged me to refuse in my present condition as I know of nothing harder than to stand around bare headed in a cold wind at a funeral so I had to refuse .

Your last letter puts the peat matter in a rather urgent light and as soon as I can pull myself together and make arrangements I will come down . I understand from Edward Praetorius that Bennett has made some additions to our shed but that nothing is disturbed but I do hope that when we strat up again I can get hold of some additional funds to place the whole in a more favorable light and make it worth while to stay on the job daily and possibly nightly and attract some of the speculative minds who visit Miami to take hold . I have noted in the past that many things that have originated at Miami in the investment line, have successfully spread to other parts of Florida and in fact St. Augustine and many other places are benefitting by the reflex of Miami activities so I see

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ASSOC. MEM. CANADIAN PEAT SOC.

ROBERT RANSON

CHEMICAL AND SOIL ENGINEER

ACCURATE REPORTS AND ANALYSIS OF FLORIDA SOILS, ETC.
FOR INDUSTRIAL AND AGRICULTURAL PURPOSES

PHONE 3763

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St. Augustine . Fla .

Dec 4th 1924 .

My dear Captain :

I am in receipt of yours of Dec 1st which evidently crosses one I have sent you .

should
I failed to acknowledge the letter from the Canadian Peat Fuel people you sent me some time since, as I know their operations would not fit Florida , but that is no reason ~~was~~ ~~xxxx~~ fail to be on the most friendly terms with them, and I am writing them to day acknowledging their letters and booklet .

I met Mr. Moore the active genius in this exploitation more than 15 years ago and in the summer of 1910 visited their plant in Alfred . Ottawa . Canada . It was then run by the Canadian Bureau of Mines and when a few years later Govt. appropriations were withdrawn , Moore and Stinson and others took over what was left and organized the present company . They make a good fuel but there are many objections to it as it costs too much, and I have photos of their apparatus & by much simpler means we can get out very large quantities at , I should say easily one fourth of the cost .

What however is worthy of note in this connection is, that if they can show any margin of profit by their methods in a country where the peat is not nearly of the value of ours , either for fuel or by-products, and in a country where on acct of frost they are limited to about four months work a year , June , July , August & September, then we here with twelve months in which we can work with better material to start with, should forge far ahead of anything they can possibly claim .

O V E R

At your convenience call up Mrs. Dr. Gramling &
ask her the condition of B. Sanders her Father .
R.R.

You will note from the accompanying copy of my letter to them that I am with you in encouraging a visit from them here, as we may learn much from their exploitation and possibly when they see how much better chances we have here they might move down .

I gather from the general tone of their correspondence that they are desirous of selling us their machinery for peat excavation etc etc but it wouldnt take long to convince you or anybody else that it is too expensive in the first place, and too costly to operate . One thing always seemed so contradictory about their methods that they were operating machines to produce the lowest of fuels in value that are motored with gasoline, the highest priced fuel known . While on this subject I am in receipt of papers from England advocating the use of Gas Producers on motor trucks and in fact thousands of trucks are being so operated at this time with gas made from charcoal costing over \$20:00 a ton, whereas we can use a fuel for the same purpose of far higher gas value, costing not over one dollar per ton to make and which could be sold for \$4:00 at a good profit . Of course on automobiles gasoline will long hold sway, but on heavy motor trucks , peat produced gas is practicable and I shall have complete particulars of the English gas producers in a week or so designed for this class of work .

I assure you it is a great pleasure to have you ask me to write you as I was dreading you might get tired of filling up your wastepaper basket with continual missives as to my dreams .

I can report myself much better to day than yesterday and hope by the week end to be myself again .

With customary best wishes to you and your's and just as sincere as ever

Believe me

Faithfully Your's

Robert Hanson

SPECIALTY
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MONOPATENTS

OFFICES AND LABORATORIES
ST. AUGUSTINE, FLA.

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ACCURATE REPORTS AND ANALYSIS OF FLORIDA SOILS, ETC.
FOR INDUSTRIAL AND AGRICULTURAL PURPOSES

PHONE 3763

1000 B. FOREST AVENUE
MIAMI, FLA.

St. Augustine . Florida .

Dec 4th 1924

PEAT FUELS LTD.

Gentlemen:-

It was my fault that your previous letter sent me by Capt. J. F. Jaudon was not answered and yours again to him dated Nov 27th has been forwarded to me as he wrote you . In various talks with Mr. Moore and having seen his apparatus in photos and also visiting the plant at Alfred with the A.P.S. in 1910 I am quite familiar with your methods .

I think the thanks of the country are due you for your persistent efforts to promote this industry and it would be a great pleasure to meet any member of your corporation in Florida this winter and go over the whole matter of peat from our very different standpoints .

When you consider that the oil and coal used for fuel in Florida has to be freighted from source of supply from one thousand to fifteen hundred miles , second that we have unlimited quantities of raw material which I think analysis will show both higher in B.t.u. and by-products than yours and thirdly that we can operate every month in the year , you must admit that the chances for a real peat exploitation are unexcelled here and the whole situation might be gone over mutually with much profit to us both .

Having devoted 17 years to this matter I am unlikely to give it up and speaking for myself and Capt. Jaudon we shall warmly welcome your arrival here and go into matters thoroughly . With specially warm regards to Mr. Moore who I know and yourself

I remain

Very truly Yours