

(1) Number of pages 15122(2) Date of repair 19-8-38(3) Initials of the Referencer J. 8. 38**MADRAS RECORD OFFICE.****Government of Madras.***Revenue* **DEPARTMENT.**

G.O. No.	549	Press Mis.
Dated	12-5-	1885.

Not to be folded or roughly handled

12TH MAY 1885, No. 549,

GOVERNMENT OF M,
REVENUE DEPAR

READ—the following despatch from the Right Honorable the EARL OF KIMBERLEY, Her Majesty's Secretary of State for India, to His Excellency the Right Honorable the Governor in Council, Fort St. George, dated India Office, London, 19th February 1885, No. 7, Revenue :—

I forward, for the information of your Excellency's Government, copy of a letter noted in the margin from Messrs. Jenkin and Phillips, calling attention to an improvement in the price of cinchona bark and the prospects of a still further rise.

2. With reference to my despatch in this department, No. 15, dated 27th March last, your Excellency will of course understand that it is open to you either to sell the bark in the local market or to consign it to this country as may seem to you expedient. In any case, the prices ruling at the time should be carefully watched.

ENCLOSURE.

Letter from Messrs. JENKIN AND PHILLIPS AND CO., to the Under Secretary of State for India, dated 51, Lime Street, London, E.C., 2nd February 1885, No. R.S. and C. 190.

We beg to draw your attention to the improvement in the price of cinchona bark.

2. Bark of good quality containing 3 to 4 per cent. sulphate quinine would now fetch 7d. per unit of quinine; for instance, bark yielding quinine would be worth 1s. 9d. per lb.

3. The market for bark was exceedingly flat from Ceylon, from which place alone we received of South American second-hand bark belonging to two apt houses, which were forced upon the market by bankers and merchants to be sold without reserve, who had advanced money upon them. Quinine was also exceedingly low from the same cause. In the latter part of the year some German was sold at $\frac{3}{4}$ per ounce; this make has now advanced to $\frac{4}{5}$ per ounce, and the price for English is $\frac{4}{5}$ with the prospect of a further rise.

4. We have heard from one of our friends who represents a German quinine manufacturer that their house bought at the sales at Madras lately some bark at the rate of 4d. per unit; we therefore think it right to communicate to you the information which we have given.

5. You will find it always advantageous to sell the bark in London, as the two English makers and the agents for all the Continental and American houses, which amount to about twelve, attend the sales and compete for the bark, of which they have had samples to analyze previously to the sale.

6. Trusting this information will be useful to you; we remain, &c.

READ—the following letter from M. A. LAWSON, Esq., Director of Government Cinchona Plantations, Parks and Gardens, Nilgiris, to the Secretary to Government, Revenue Department, dated Ootacamund, 18th March 1885, No. 46 :—

In continuation of my letter, No. 41, I honor to report that Messrs. Oakes and Monday last, the 16th instant, under G. 29th December 1884, respectively, and information in connection with the sale.

On 26th February last, I have the auction sale of cinchona bark on 351 and 1434, dated the 5th and the statements which afford full

2. Statement No. 2 by the Government Commission of the bark. Statement No. 2 is a report by the Government Commission of the bark. Statement No. 2 is a report by the Government Commission of the bark. Statement No. 2 is a report by the Government Commission of the bark.

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3. It will be observed that Rs. 127 and 128 were obtained for the mossed crown bark as against Rs. 126 realized at the last sale in February 1885, and that the natural crown bark fetched Rs. 100 against Rs. 91 at the sale in November last. The prices realized may therefore be considered fairly favorable when compared with those obtained at the last sale.

4. Of the 200 bales sent for sale, Messrs. Oakes and Co. sold only 125 bales (100 of mossed crown and 25 of natural crown bark), and wrote saying that they had offers for 25 bales of the natural crown bark at Rs. 89 per bale and for 50 bales at Rs. 85 per bale. They also informed me that offers had been made for the balance of the bales of bark remaining unsold from those sent for sale in November last at the following rates:—

Rupess	31	per	bale	for	19	bales	(natural	red).
"	39	"	"	"	2	"	(mossed	red).
"	43	"	"	"	43	"	(renewed	red).
"	18	"	"	"	6	"	(branch	red).
"	13	"	"	"	4	"	(root	red).

These offers I have refused to accept, as in my opinion the sums offered are simply ridiculous. 5. With respect to what had better be done with the "red barks," I will address you again in the course of a few days.

READ—the following letter
Cinchona Plantations
Government, Revenue
No. 1:—

L. LAWSON, Esq., Director of Government
and Gardens, Nilgiris, to the Secretary to
Government, dated Ootacamund, 11th April 1885.

In continuation of my letter, No. 46, dated the 18th March 1885, I have the honor to state that Messrs. Oakes and Co., Madras, have now furnished me with account sales of the auction of cinchona bark, held by them on the 16th March 1885, in which Rs. 617-2-2 are entered as charges connected with the sales in question on account of rail fare on the transmission of the bales, their commission at 1 1/2 per cent. on the amount realized, advertisement, printing, and other charges.

2. This will make the net sum realized on account of the above sale Rupess 14,587-13-10, instead of Rs. 15,205, entered in statement No. 4 which accompanied my above-quoted letter, and the total sum realized by the five auction sales held in 1884-85 will thus be Rs. 82,348-12-10, instead of Rs. 82,965-15-0.

ORDER—dated 12th May 1885, No. 519, Revenue.
Miscellaneous.

in Madras. The uncertainty as to the warchousing, commission, analysis, sale, and the quicker realization of the system of local sale Director on the best materials available.

There seems no reason to believe that the interests of Government suffer to any material extent by the sale of bark at of the charges for dock fees, brokerage, London, if the bark is sent home for sale in Madras seem to justify the continuation should, however, be made by the each sale.

- 2. The results of the sale in Madras in May better than those of the previous sale.
- 3. Ordered that the Secretary of State be added

(True Extract)

F. WILSON,
Secretary to Government.

To the Director of Government Cinchona Plantations
Parks and Gardens
Financial Department.

Exd. J. Henricus.

50 Copies.

Original
Govt. of Madras.

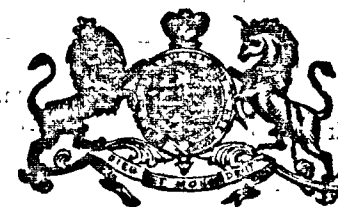
REVENUE.

Issued
Recd.
Encl.
G.O., 12th May 1885, No. 549.

MAY.

Cinchona Bark.

Considering the interests of Government do not materially suffer by the sale of — in Madras, and ordering the Secretary of State be addressed on the subject.



5
AUCTION SALE
OF
GOVERNMENT
CHINCHONA BARK.

MESSRS. OAKES & Co.

Under instructions from the Director of the Government Chinchona Plantations, Botanical Gardens and Parks.

WILL
SELL BY PUBLIC AUCTION,
AT THEIR

SALE ROOMS, EXCHANGE HALL, MADRAS,

ON MONDAY,

THE 16TH MARCH 1885,

COMMENCING AT 12 NOON PRECISELY,

200 Bales of Chinchona Bark as specified below.

DODABETTA CROWN BARK.

Mossed 100 Bales containing	10,000 lbs.
Natural 100 " "	10,000 "
Total...200	20,000

TERMS—CASH.

Name of Plantation.	Description of Bark.	Number on Bales for each lot.	Amount realized.	Remarks.
Dodabetta	... Mossed Crown...	201 to 205		
Do.	Do. ...	206 to 210		
Do.	Do. ...	211 to 215		
Do.	Do. ...	216 to 220		
Do.	Do. ...	221 to 225		
Do.	Do. ...	226 to 230		
Do.	Do. ...	231 to 235		
Do.	Do. ...	236 to 240		
Do.	Do. ...	241 to 245		
Do.	Do. ...	246 to 250		
Do.	Do. ...	251 to 255		
Do.	Do. ...	256 to 260		
Do.	Do. ...	261 to 265		
Do.	Do. ...	266 to 270		
Do.	Do. ...	271 to 275		
Do.	Do. ...	276 to 280		
Do.	Do. ...	281 to 285		
Do.	Do. ...	286 to 290		
Do.	Do. ...	291 to 295		
Do.	Do. ...	296 to 300		
Do.	... Natural Crown...	301 to 305		
Do.	Do. ...	306 to 310		
Do.	Do. ...	311 to 315		
Do.	Do. ...	316 to 320		
Do.	Do. ...	321 to 325		
Do.	Do. ...	326 to 330		
Do.	Do. ...	331 to 335		
Do.	Do. ...	336 to 340		
Do.	Do. ...	341 to 345		

Each lot contains 5 Bales.

Name of Plantation.	Description of Bark.	Number on Bales for each lot.	Amount realized.	Remarks.
Dodabetta	... Natural Crown...	346 to 350		
Do.	Do. ...	351 to 355		
Do.	Do. ...	356 to 360		
Do.	Do. ...	361 to 365		
Do.	Do. ...	366 to 370		
Do.	Do. ...	371 to 375		
Do.	Do. ...	376 to 380		
Do.	Do. ...	381 to 385		
Do.	Do. ...	386 to 390		
Do.	Do. ...	391 to 395		
Do.	Do. ...	396 to 400		

Each lot contains 5 Bales.

Conditions of Sale.

1st.—The highest bidder to be the purchaser, and in the event of any dispute arising between two or more bidders at the same price, the lot so disputed shall be put up again and re-sold.

2nd.—The lots to be removed by the purchaser at their own expense and risk. A deposit of 25 per cent. to be paid at the time of sale immediately after the lot is knocked down to the purchaser, when demanded, and in case of refusal, the lot shall be re-sold at the risk (in the event of any loss) of the party so refusing.

3rd.—Lots to be taken with all faults and errors of description.

4th.—All lots to be at the risk of the purchaser from the time of sale, and such as remain uncleared after five days may, at the option of the Auctioneer, be re-sold either by public or private sale, the first purchaser to be held liable for any loss arising from such re-sale, but to forfeit any advantage together with the Auctioneer's commission.



AUCTION SALE OF GOVERNMENT CHINCHONA BARK.

MESSRS. OAKES & Co.

Under instructions from the Director of the Government Chinchona Plantations, Botanical Gardens and Parks.

WILL
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AT THEIR

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ON MONDAY,

THE 16TH MARCH 1885,

COMMENCING AT 12 NOON PRECISELY,

200 Bales of Chinchona Bark as specified below.

DODABETTA CROWN BARK.

Mossed 100 Bales containing	10,000 lbs.
Natural 100 " "	10,000 "
Total...200	20,000

TERMS—CASH.

Name of Plantation.	Description of Bark.	Number on Bales for each lot.	Amount realized.	Remarks.
Dodabetta	... Mixed Crown.	201 to 210		
Do.	Do.	210 to 219		
Do.	Do.	211 to 215		
Do.	Do.	216 to 220		
Do.	Do.	221 to 225		
Do.	Do.	226 to 230		
Do.	Do.	231 to 235		
Do.	Do.	236 to 240		
Do.	Do.	241 to 245		
Do.	Do.	246 to 250		
Do.	Do.	251 to 255		
Do.	Do.	256 to 260		
Do.	Do.	261 to 265		
Do.	Do.	266 to 270		
Do.	Do.	271 to 275		
Do.	Do.	276 to 280		
Do.	Do.	281 to 285		
Do.	Do.	286 to 290		
Do.	Do.	291 to 295		
Do.	Do.	296 to 300		
Do.	... Natural Crown.	301 to 305		
Do.	Do.	306 to 310		
Do.	Do.	311 to 315		
Do.	Do.	316 to 320		
Do.	Do.	321 to 325		
Do.	Do.	326 to 330		
Do.	Do.	331 to 335		
Do.	Do.	336 to 340		
Do.	Do.	341 to 345		

Each lot contains 5 Bales.

Name of Plantation.	Description of Bark.	Number on Bales for each lot.	Amount realized.	Remarks.
Dodabetta	... Natural Crown.	346 to 350		
Do.	Do.	351 to 355		
Do.	Do.	356 to 360		
Do.	Do.	361 to 365		
Do.	Do.	366 to 370		
Do.	Do.	371 to 375		
Do.	Do.	376 to 380		
Do.	Do.	381 to 385		
Do.	Do.	386 to 390		
Do.	Do.	391 to 395		
Do.	Do.	396 to 400		

Each lot contains 5 Bales.

REPORT
ON THE
ANALYSES OF CINCHONA BARK,
From the Government Plantations,
TO BE
SOLD BY AUCTION,

BY
Messrs. OAKES & Co., Madras,
MONDAY, 23rd FEBRUARY, and MONDAY,
16th MARCH, 1885.

	Quinine.	Cinchonidine.	Quinine.	Cinchonine.	Amorphous Alkaloids.	Total.	Crystallized Sulphate of Quinine.
Dodabetta Natural Crown	2.66	.96	.20	.21	.29	4.32	3.57 2.6 1/2
„ Renewed „	3.02	1.20	.40	.64	.75	6.01	4.06 5.2 1/4
„ Mossed „	3.50	1.36	.18	.50	.52	6.06	4.70 2.9
„ Branch „	.87	.41		.14	.67	2.09	1.17

N.B.—Results expressed in percentage on the air-dried bark, each sample containing about 13 per cent. moisture.

(Signed) DAVID HOOPER,
Government Quinologist.

Conditions of Sale.

- 1st.—The highest bidder to be the purchaser, and in the event of any dispute arising between two or more bidders at the same price, the lot so disputed shall be put up again and re-sold.
- 2nd.—The lots to be removed by the purchasers at their own expense and risk. A deposit of 25 per cent. to be paid at the time of sale immediately after the lot is knocked down to the purchaser, when demanded, and in case of refusal, the lot shall be re-sold at the risk (in the event of any loss) of the party so refusing.
- 3rd.—Lots to be taken with all faults and errors of description.
- 4th.—All lots to be at the risk of the purchasers from the time of sale, and such as remain uncleared after five days may, at the option of the Auctioneers, be re-sold either by public or private sale, the first purchaser to be held liable for any loss arising from such re-sale, but to forfeit any advantage together with the Auctioneer's commission.

Statement showing
the prices realized
at the several sales
since January 1852.

Statement showing the prices realized at the several sales since January 1882, as well as the prices actually realized at the last auction held in March 1886.

Name of Plantation	Description of Bark	Amount realized for 100 lbs of Cinchona bark									
		Jan 1882	Feb 1882	Mar 1882	Apr 1882	May 1882	June 1882	July 1882	Aug 1882	Sept 1882	Oct 1882
Dodabitta	Natural Crown	231	247	189	192	104	95	95	104	unsold	94
Do	Do — Trunk	221	"	"	"	"	"	"	"	"	"
Do	Do — Scraped	"	"	"	"	"	"	"	"	50430	"
Do	Mossed Crown	324	338	254	233	95	84	93	"	95	"
Do	Do — Trunk	270	"	"	"	"	"	"	"	"	"
Do	Renewed Crown	340	"	265	"	182	136	136	172	1554/50	12
Do	Do — Trunk	318	"	"	"	"	"	"	"	"	"
Do	Do — Scraped	"	"	"	"	"	"	"	"	unsold	"
Do	Root Crown	"	"	"	"	"	"	"	"	do	"
Do	Branch Crown	55	56	54	57	33	Bought	25	"	"	4
Naduwatam	Natural Crown	236	"	"	"	"	"	"	"	"	*84
Do	Mossed Crown	"	"	"	"	"	"	"	"	"	*94
Do	Renewed Crown	"	"	"	"	"	"	"	"	"	1156/117
Do	Branch Crown	150	"	"	"	"	"	"	"	"	43
Do	Natural Red	114	122	122	135	85	Bought	64	77	"	"
Do	Do — Trunk	144	"	"	"	"	"	"	"	"	"
Do	Mossed Red	146	171	171	"	"	"	"	96	"	"
Do	Renewed Red	"	"	174	174	110	90	90	"	"	"
Do	Branch Red	72	73	55	"	30	22	35	Bought	"	"
Pykara	Natural Crown	"	"	"	162	"	"	"	"	"	*78
Do	Mossed Crown	"	"	"	22	"	"	"	"	"	100
Do	Renewed Crown	"	"	"	24	"	"	"	"	"	unsold
Do	Branch Crown	"	"	"	64	"	"	"	"	"	*20
Do	Natural Red	"	"	"	13	"	"	"	"	"	unsold
Do	Mossed Red	"	171	"	164	"	"	"	"	"	do
Do	Renewed Red	"	"	"	16	"	"	"	"	"	do
Do	Branch Red	72	73	55	57	"	"	"	"	"	do
Do	Root Red	"	"	"	"	"	"	"	"	"	do

* Accepted after the sale.

Director's office }
Cotacamund 18 March 86 }

124

Statement showing the total amount realized
by sale of Cuchina bark up to date in the current
official year.

17

Date of Sale	Quantity of Bark sold	Amount realized
28 th July 1884	195 Bales or 19,500 lbs	20,441 12 2
25 th August 1884	112 Bales or 11,200 lbs	10,984 15 3
17 th November 1884	187 Bales or 18,680 lbs	16,453 13 7
23 rd February 1885	200 Bales or 20,000 lbs	19,872 6 .
16 th March 1885	125 Bales or 12,500 lbs	15,205 . .
Total		82,965 15 .

Director's Office
(Cotacumund
15th March 1885)

M. A. Lewis
Director

2
20209/165

N^o 5 Comparative Statement showing the rate per pound
of Cuckoo bark at the last two auction sales in Indian and
English Currency. 19

Plantation	Description of Bark	Auction Sale of February 1885		Auction Sale of March 1885		Value of the unit of sulphate of Quinine
		Rate per pound in Indian Currency	Rate per pound in English Currency	Rate per pound in Indian Currency	Rate per pound in English Currency	
De Debita	Natural Cinnamon			1	1 7/8	4.3
	Mixed	1 42	2	1 45	2 1	5.1
	Renewed	1 410	2 1			6.1
	Branch	67	8			6.5
Madawatam	Natural					4.7
	Mixed					4.4
	Renewed					5.3
	Branch					3.9
Pykora	Natural					4.9
	Mixed					4.6
	Renewed					4.8
	Branch					2.7

Director's Office
Cotacumund
18th March 1885

M. L. Lawson
Director

Statement showing
the total amount
realized by sale
of Cuckoo bark
during 1884-1885

2/20/85

R. S. & Co. 190/815

March 30/85

21

51 Lime Street,

London E.C. 2nd February, 1885

The Under Secretary of State for India,

Should be done
in the
W. L. S. Co.
You have seen
the
very
by

We beg to draw your attention to the improvement in the price of cinchona bark.

Bark of good quality containing 3 to 4 per cent Sulphate Quinine would now fetch 7^d per unit of Quinine; for instance, Bark yielding 3% of Quinine would be worth 1⁰ 9^d per lb.

The market for bark, was exceedingly flat last year, in consequence of large importations from Ceylon from which place alone we received 11,000,000 pounds and from large quantities of South American second hand bark belonging to two bankrupt houses, which were forced upon the market by bankers and merchants to be sold without reserve, who had advanced money upon them. Quinine was also exceedingly low from the same cause.

In

Comptroller State
must showing the
price of bark for
found in the same
the
20/2/85

N^o 16

302

Copy Letter from Messrs.
Jenkin & Phillips
dated 2 February 1885

Referred to in Madras Revenue Letter
N^o 7 dated 19 February 1885

Rev 7317

302

Revenue

No. 7.

Dated 2nd February 1885

1010 May 1884 55423

This Excellency,
The Right Honorable,
The Governor in Council,
Fort St. George.

25

India Office,
London, 19th February, 1885.

Sir,
1. I forward for
the information of Your
Excellency's Government,
copy of a letter noted in
the margin from Messrs
Jenkin & Phillips calling
attention to an
improvement in the price
of blunichona Bark, and
the prospects of a still
further rise.
2. With reference to
my Despatch in this
Department No. 15, dated
24th March last, Your
Excellency will of course

understand

understand that it is
open to you either to sell
the Bark in the local
market or to consign it
to this country as may
seem to you expedient.
In any case the prices
ruling at the time should
be carefully watched.

I have the honor to be,

Sir,

Your most obedient,

humble servant,

Kimberly

Nº 15

Revenue
19 February 1886

The
Letter to Fort St George
Nº 7

Recd 12 March /85

Post



REVENUE (ISSUE) DEPARTMENT.

No.

From *The Secretary of State*

Dated *19th* } *1885.*
Recd. *Jan 16*

No. of the *Revenue*

Print

SUBJECT.

*From a Brig for info
of a letter from the
S. L. in the Philip. calling
attention to an improve-
ment in the form of
the bark & the
the bark & the bark*

G. C.

*Communicated to the Director
of Fort Cuchona Plantations
Parks and gardens, Nilgiris.*

No. 46

*Director's Office
Cotacamund 18th March 1885*

31

From

*The Director
Fort Cuchona Plantations
Parks and gardens
Nilgiris*

*To
The Secretary to Government
Revenue Department
Fort St George*

Sir,

*In continuation of my
letter No. 45 dated the 26th Febru-
ary last, I have the honor to
report that Messrs Oakes & Co,
held an auction sale of Cuchona
Park on Monday last, the 16th
Instant - under G. O. Nos 1357 and
1434 dated the 5th and 29th December
1884, respectively, and I now enclose
statements which afford full
information in connection with the
sale.*

*2. Statement No. 1 is a
Catalogue of the Park sold.
Statement*

Statement. p. 2 is a report by the Government Quinologist, Mr. D. Hooper, of the results of the analyses made by him of the Bark. Statement. p. 3 gives the prices realized at the several sales since January 1882. (G. O. p. 212 of 18th February 1882) as well as the reserved price fixed on the Bark sold at the last auction and those actually realized. Statement. p. 4 shows how much has been realized by the 5 auction sales held in this year and Statement. p. 5 gives the rate per pound of each variety of Bark in English money, as required by G. O. p. 323 of 5th March 1883.

3 It will be observed that Rs. 127 and 128 were obtained for the Mossed Crown Bark as against Rs. 126 realized at the last sale in February 1885, and that the

Natural Crown Bark fetched Rs. 100 - against Rs. 94 at the sale in November last. the prices realized may therefore be considered fairly favorable when compared with those obtained at the last sale.

4 Of the 200 Bales sent for sale Messrs Oakes & Co sold only 125 Bales (100 of Mossed Crown and 25 of Natural Crown bark) and wrote saying that they had offers for 25 Bales of the Natural Crown bark at Rs. 89 per Bale and for 50 Bales at Rs. 85 per Bale. They also informed me that offers had been made for the Balance of the Bales of Bark remaining unsold from those sent for sale in November last. at the following rates:-

Rs. 31	per Bale for 19 Bales (Natural Red)
" 39	" " " " " " (Mossed Red)
" 46	" " " " " " (Renewed Red)
" 18	" " " " " " (Branch Red)
" 15	" " " " " " (Root Red)

These

These offers I have refused
to accept as in my opinion
the sums offered are simply
ridiculous.

5 With respect to what
had better be done with the
"Red Barks" I will address
you again in the course of
a few days.

I have the honor to be
Sir

Yours most ob^l servant

M. L. Lusk
Solicitor

Revenue Dept
(1884-85)

No. 2099

The Director of
Govt. Cinchona Plant.
(Parks and Gardens)
Nilgiris

The Secretary to Government
Revenue Department
Fort St George

Dated 18th March 1885
Recd. no. —
N^o. 46

Enclosures. 5.

Subject

(Reporting the particulars
of a local sale of Cinchona bark
held on the 16th March 1885 and
forwarding the usual statement)

C. 4-4-85
R. 9-4-85

No. 1
O. 1000.

Director's Office
(Colacammudi 11th April 1885)

The Director of
Govt. Cinchona Plant.
(Parks and Gardens)
Nilgiris

The Secretary to Government
Revenue Department
Colacammudi

Sir,

In continuation of my letter No. 46 dated the
18th March 1885, I have the honor to state that Messrs. Oakes & Co
Madras have now furnished me with Account Sales of
the auction of Cinchona bark held by them on the 16th March 1885
in which Rupees 617-2-2 are putted as charges connected
with the sales in question, on account of rail fare on
the transmission of the bales, their commission at
1 $\frac{1}{2}$ per cent on the amount realized, Advertisement,
Printing, and other charges.

2. This will make the net sum realized on
Account—

Account of the above, Sale Report 1857-1858, a list
of Papers 15,225, colored in document-1854, and
accompanying my above quoted letter, and the
total sum realized by the free auction sale held
in 1884-85, will then be Papers 2,348-12, a list
of Papers 2,965-15-0.

I have the honor to be
Yours most respectfully
W. L. Garrison
C. L. L. L.

Exd. 7

Revenue Report
No: 2658
(335-86)

Prepared by
B. H. H.

General Agent
of the
Government
at
10-4-7

Director of
Public Works
(Public Works
Division)
Director to Government
(General Agent)
(Colonial Agent)

Dated 11th April 1885.
No. 1

Enclosure: 1

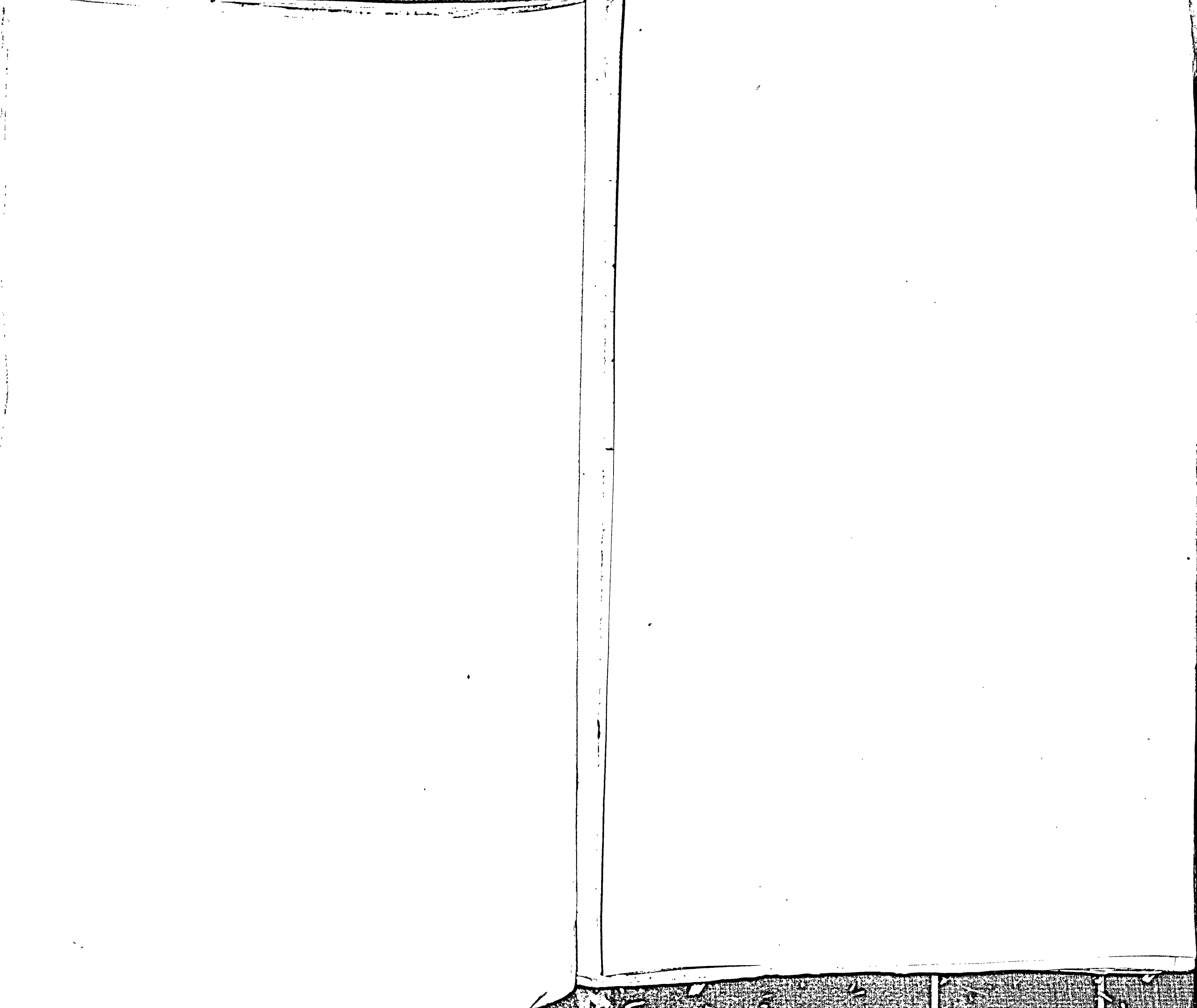
Subject

Refers to No. 11557-13-11,
was the net amount realized on the
auction sale held on the 10th April 1885

Statement showing the estimated cost of producing $1\frac{1}{4}$ lb. of Liquid Cinchona Bark,
being the equivalent of 1 lb. of the Liquid Strychnine sold at Rs 16 $\frac{1}{2}$ per lb.

No.	Ingredients used in the preparation of the Liquid Strychnine	Estimated Cost.	Rs a p.
1.	16 lb. of Red Bark (Containing on an average 0.23% total alkaloids) taken at Rs 0. 6. 4 per lb., that being the average price offered at the recent sale for these kinds	6	5 4.
2.	3 lb. of Commercial Glycerine at 6d per lb. plus 10% for freight	1	" 4.
3.	$\frac{1}{2}$ lb. of acid at Rs 0. 3. 0. per lb.	"	1 6.
4.	Labor, wear & tear of apparatus, grinding, evaporating and supervision, estimated at 20% on the cost of the ingredients used.	1	7 10
5.	Bottles, Corks & Labels @ 3d per dozen for 1000 bottles & Labels plus 10% for freight	2	7 10
	Total	11	6 10

There is a chem. power already available in the medical stores of the Government Dispensary.



Red Bark.

Variety 1	Quantity in stock in lb 2	Percentage of alkaloids in a lb 3	Total alkali in the lot in Col. 2. 4	Price offered per bale of 100 lb. & value at that rate of quantity in Col. 2. 5	average price per lb 6	No of lb of bark required to make 1 lb of alkaloid. 7
	Bales.			Price per bale	Total Value	R. A. P.
1. Natural	19 x 100 = 1900	5.80	96.90	31 x 19 = 589	0. 4. 11	19.6
2. Mashed	5 x 100 = 500	6.87	34.35	39 x 5 = 195	0. 6. 3	14.5
3. Renewed	39 x 100 = 3900	6.81	265.59	46 x 39 = 1794	0. 7. 4	14.7
4. Root	4 x 100 = 400	5.09	20.36	15 x 4 = 60	0. 2. 5	19.6
Total	67 x 100 = 6700	5.23	417.20	2638	0. 6. 4	16.

The first of these was the case of the
the first of these was the case of the
the first of these was the case of the

[illegible][illegible]

Mr. J. W. Wilson
22.10.85.
I send you herewith

a "Memo" of the different
kinds of books which I have
now in stock. In addition to this

I can undertake to
have 60,000 lbs of crown
bark during each of the two
next years.

I cannot quite estimate
the amount of red bark
which I shall be able to take,
but it will not be less
than 50,000 lbs.

In six or seven years time
this quantity ought to be
doubled.

There is taking all sorts of
banks, we ought to have
an average of 200,000 lbs.

I am
Sincerely yours,
W. A. Newson

Sir -

Bark is now in stock.

	From	led.
Wodabetta	244	"
Nadaratam	167	359
Hooker	1	143
Wood	"	122
Total	412	624
Dates R's	75	86
	487	710

or 1197 Bales of 119700 lbs
of Bark in all.

Dates R's have been asked
to supply for the (8 Bales)
to the Bombay Medical
Depot but no intimation
has as yet reached this
office if it has been
supplied. This has not
been taken into account
in the above. If taken it
will be. 1189 Bales or 118900 lbs

thus
From 487
led - 702
1189
1189 Bales or 118900 lbs

1189 Bales or 118900 lbs of Bark
Yours obediently
Donald Campbell

Govt. Standard
only
22. IV. 1886

My dear Mr. Wilson

I received yesterday
evening a letter from Messrs
Oakes & Co (a copy of which I
send you) relating to the time
I year at which it would be
best to hold the sales of Govt.
books.

You will see from the letter
that they suggest the four last
months of each year.

I suppose these three points
authorise me to advertise
as follows.

H
19

"The Director of the Govt. Cinchona Plantations
Botanica Garden & Pothu, Nilgiris
will sell under instructions; all of them
20000 lbs of crown bark early in each of
the following months during the year.
1885 & 1886

Sept.
Oct.
Nov.

Supplies of such kind of bark to be sold.
will be forwarded to Messrs Baker & Co for
distribution to intending buyers.
Analyses by the Govt. Analyst will also
be published.

I am
Very truly yours
R. L. Lawson

Exchange Hall
Madras 20 April 1885

51

M. S. Lawson Esq
The Director Govt. Cin. Pl.
Pottacamund

We have the honor to acknow-
ledge receipt of your letter of
the 18th instant informing
us that the Government intends
to continue the local sales of
Crown Barks and that about
800 Bales or 80000 lbs of Barks
will be offered for sale annually
for the next two years at least,
and requesting us to inform you
as to what would be the best
time of the year to hold the sales
etc.

We are glad to hear that
the Government purpose continuing
the sales locally for the next 2
years at least but the question
as to what would be the best
time of the year to hold the sale
is difficult to answer. The markets
of England and Europe have hitherto
been

been our guide and by them we
must still be guided. The immense
quantity of bark from the place which
arrived at the end of last year
and the beginning of the present
one in London brought prices
down 2^d and 3^d per unit.

Judging by our own sales the
most favorable rates have been obtained
during the last four months of the
year and perhaps during these
4 months would be the best time
to hold the sales 2^d or 3^d early
in each month.

We have &c.

Wm. Coker &c.

(True copy)

(By order)

Donald Campbell
Esq. Manager.
For: Linc. &c.

Govt. Gardens
23. IV. 85.

My dear Mr. Wilson

I send you the "memo"
relating to the sales of crown
& red books which have taken
place during the last two
years. Also the prices which
were ^{offered} last month for
the red books.

I send also Mr. Hooper's
analysis of these books, from
which you will see how
absurdly low those prices
were.

So far from thinking you
 in a great deal of
 trouble. I feel greatly
 obliged to you for
 taking all this trouble.

I am
 sincerely yours
 M. L. Lawson



Report on the ^{11/16}₂₃₋₄₋₀₁ 55
 Analyses of samples of Cinchona bark
 from the Government Plantations,
 to be sold by auction on the 17th November
 1884.

		Quinine	Cinchonidine	Quinidine	Cinchonine	Amorphous alkaloid	Total	Cryscallized sulphate of Quinine
Dodabatta	Natural Crown	3.11	.87	.	.24	.40	4.62	4.18
-	Natural Crown	2.62	1.00	.	.78	.25	4.65	3.52
Nadwatani	Mossed - do	3.01	1.39	.	.97	.27	5.64	4.05
	Renewed - do	3.14	1.32	.	.86	.55	5.87	4.22
	Branch - do	1.61	1.06	.	.40	.36	3.43	2.16
Pykara	Natural Crown	2.28	1.32	.	.35	.40	4.35	3.06
	Mossed - do	3.11	1.24	.	.42	.42	5.19	4.18
	Renewed - do	3.62	1.05	.	.50	.46	5.63	4.87
	Branch - do	1.10	.83	.	.18	.23	2.34	1.48
Hood	Natural Root	1.16	2.27	.	1.47	.20	5.10	1.56
	Mossed - do	1.98	2.60	.	2.04	.25	6.87	2.66
	Renewed - do	1.89	2.08	.	2.57	.27	6.81	2.54
	Branch - do	.96	1.65	.	1.19	.65	4.45	1.29
	Root - do	1.03	1.76	.	1.59	.71	5.09	1.35

N.B. Results expressed in percentage on the air-dried bark
 10th November 1884.
 (True copy)
 Donald Campbell
 -Manager-
 Secy. Sained Works
 Govt. Quinine Logist.
 Secy. Du a Lawson
 Director

Comparative Statement
now offered

Plantation Dewar

Pykarak An

Do Ho

Do Red

Do B

Do A

Director's office
Colacaminid 18. Nov 1885

ng about 13 per cent. moisture.

(Signed) DAVID HOOPER,
Government Quinologist.

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REPORT
ON THE
ANALYSES OF CINCHONA BARK,
From the Government Plantations,
TO BE
SOLD BY AUCTION,
BY
Messrs. OAKES & Co., Madras,
MONDAY, 23rd FEBRUARY, and MONDAY,
16th MARCH, 1885.

	Quinine.	Cinchonidine.	Quinidine.	Cinchonine.	Amorphous Alkaloids.	Total.	Crystallized Sulphate of Quinine.
Dodabetta Natural Crown	2.66	.96	.20	.21	.29	4.32	3.57
„ Renewed „	3.02	1.20	.40	.64	.75	6.01	4.06
„ Mossed „	3.50	1.36	.18	.50	.52	6.06	4.70
„ Branch „	.87	.41		.14	.67	2.09	1.17

N.B.—Results expressed in percentage on the air-dried bark, each sample containing about 13 per cent. moisture.

(Signed) DAVID HOOPER,
Government Quinologist.

○ Natural crown.

Engl. Price 3.57.
 $\frac{7d}{24.99 \times 100 \text{ for } 100th.}$
 $\frac{12}{12} \overline{) 2499 d.}$
 $\frac{20}{20} \overline{) 208-3.}$
 $\frac{2}{2} \overline{) 10-8-3.}$

Freight
 $\frac{10}{10} \times 1.7\frac{1}{2} d.$
 $\frac{12}{12} \overline{) 75}$
 $\frac{6-3}{6}$
 $\frac{16-3}{16-3.}$

Total. 8.2.6
 $\frac{4-16-3.}{4-1-7\frac{1}{2}}$
 $\frac{9-4-4\frac{1}{2}}{9-4-4\frac{1}{2}}$

Mixed crown.

Engl. Price 4.70.
 $\frac{7d}{32.90 \times 100}$
 $\frac{12}{12} \overline{) 3290}$
 $\frac{20}{20} \overline{) 274.2.}$
 $\frac{13-14.2.}{13-14.2.}$

Freight same as before.
 $16.5-3d.$

Insurance. at 1/100 on $127\frac{1}{2} Rs$
 $= \frac{127.5}{100} = 1.275 \times 1-7.5 \text{ or } 12.5$

Total.
 $\frac{10.7.2\frac{1}{4}}{4-16.3.}$
 $\frac{4-2.3\frac{1}{4}}{11.5.6}$
 $\frac{1.275}{19.5}$
 $\frac{6375}{11475}$
 $\frac{1275}{2248625} = 2-3\frac{1}{4}d.$

61
 Indian Price 100 Rs per
 100th.
 $\frac{Rs 100}{8.1-7\frac{1}{2}d. \text{ (rate of exchange)}}$

$\frac{12}{12} \overline{) 750}$
 $\frac{62.6.}{100}$
 $\frac{20}{20} \overline{) 162-6}$

Insurance at 8.2.6.
 1/100 on value of bank is 100 Rs
 $\frac{12}{12} = 1-7\frac{1}{2}d.$

Indian Price
 (between 12) & 128 Rs is $127\frac{1}{2} Rs$

$\frac{127.5}{51.7.5d. \text{ (Exchange)}}$

$\frac{6375}{8925}$
 $\frac{12}{12} \overline{) 95625}$
 $\frac{79-8.25}{127-6}$
 $\frac{20}{20} \overline{) 207-2.25}$
 $\frac{10-7-2\frac{1}{4}}{10-7-2\frac{1}{4}}$

$$434) 4000 \checkmark (9.2 \\ \underline{3906} \\ 940$$

$$3490) 34500 \checkmark (9.89 \\ \underline{31410} \\ 30900 \\ \underline{29920} \\ 980 \\ \underline{29800} \\ 80$$

$$2994) 19600 \checkmark (6.55 \\ \underline{17964} \\ 16360 \\ \underline{14970} \\ 13900$$

$$1860) 11700 \checkmark (6.29 \\ \underline{11160} \\ 5400 \\ \underline{5580} \\ 3720 \\ \underline{1880}$$

$$10393) 78900 \checkmark (7.6 \\ \underline{52751} \\ 61490 \\ \underline{62358} \\ 882$$

$$10700) 42700 \checkmark (3.99 \\ \underline{32100} \\ 106000 \\ \underline{96300} \\ 97000$$

$$19399) 31000 \checkmark (1.6 \\ \underline{19399} \\ 116010 \\ \underline{117094} \\ 116394$$

$$1108) 3600 \checkmark (3.25 \\ \underline{3324} \\ 2760 \\ \underline{2216} \\ 5440$$

$$20319) 35400 \checkmark (1.74 \cdot 63 \\ \underline{20319} \\ 15080 \\ \underline{142233} \\ 85670$$

$$5378) 22300 \checkmark (4.10 \\ \underline{16734} \\ 55660 \\ \underline{50202} \\ 54580$$

$$8027) 16400 \checkmark (2.04 \\ \underline{16054} \\ 34600$$

$$11303) 64100 \checkmark (5.67 \\ \underline{56515} \\ 75850 \\ \underline{67818} \\ 80320$$

$$7148) 27000 \checkmark (3.78 \\ \underline{21444} \\ 55560 \\ \underline{50036} \\ 55240$$

$$9091) 47200 \checkmark (5.19 \\ \underline{45465} \\ 17350 \\ \underline{9091} \\ 82590$$

$$7925) 38400 \checkmark (4.84 \\ \underline{31700} \\ 67000 \\ \underline{63400} \\ 36000 \\ \underline{31700}$$

No. 2099. 1931.

From Secretary State. d. 19. Feb 85: Ad. Res.
His Gov. Cuichona Saindo. d. 18. March 85.
Dated 1. April 1885.

FOR ORDERS.

At the last Cuichona Sales, 125 bales in all were sold, 100 bales of unmixed crown, and 25 bales of natural crown, of the latter 100 were sent for sale -

The rate per lb. was

Natural. \$1.10.

Mixed. \$1.40.

Per value of unit of Sulphate of Quinine -

Natural 5.5.

Mixed. 6.1.

The despatch d. 19. Feb. 85. from the Secretary of State enclosed a letter from Messrs. J. H. Kins and Phillips saying that Bark for good quality containing 3.64% quinine Sulphate would fetch 7 per unit in the English market.

Mr Hooper's averages of latest lot gave.

3.57 % Natural crown.

4.70. Mixed crown.

In the statement prepared in the office put up with this, on the freight and insurance figures.

15043) 74400 (4.94
60172
142280
135387
68930

10494) 79100 (7.57
73458
56420
52470
39500

171) 1300 (8.19
1268
320
171
1490
1368

23204) 104400 (4.57
92816
115840
116020

8405) 31400 (3.73
25218
61820
58842
29780

6813) 59300 (8.70
54504
47960
47691
2690

OFFICIAL MEMORANDUM

Revenue Department.

given in the office of the clerk
attend sub-leadon, it will be
seen that supposing the price
gained in the London market
be 7^d per unit of quinine, a
bale of Natural crown woven
have fetched £. 10. 8. 3. while
the madras price for the same
plus the freight and insurance
borne be £ 9. 10. 4½, the
difference or profit on sending
to England being £ 1. 7. 10½.
Taking now back in the same
way the price borne be
£. 1. 18. 8.

A reference however to the
Table in G.O. 5th April 86. 46,
Revenue. shows that for
some reason or other the charges
for freight, Insurance, etc
vary so very much that it
is impossible to make any
safe forecast on the figures
then shown. E.g.

In June 77. 135 bales were
sent, and Freight and other
charges came to £ 36. 8. 0.
The freight was charged in Madras

and probably not included in the
£ 36. 8. 0. (the however includes
dock fees & brokerage in England)
In February 78. for 165 bales
£ 223. 2. 4. were paid for charges
and then probably did not include
freight which was paid in
Madras. Then the next consignment
of 556 bales / freight paid in
Madras only £ 164. 0. 0. were
paid. While the next consignment
of 304 bales / freight paid in London
as much as £ 640. 13. 2. were
paid.

It would seem therefore very
risky to send home bark for
sale through the India Office in
ignorance of the charges which
will have to be met there.

The only charge in Madras is
a commission to the broker &

It is very difficult to arrive at an exact comparison between Co.
the Madras prices & the English. Generally it may be said of
rate. Besides freight and insurance the sales here in Madras
there are to be added a multiplicity of charges which were better than the former sales
cost of charges in London for brokerage
analysis, tare, dust & chips
warehousing, & commission. The
average of charges actually incurred
on consignment to London comes

Mr
1/11

FOR ORDERS

REVENUE SECRETARIAT.

OFFICE NOTE.

Station Ant date 27-4 188 5

From

To

• The accompanying form

De la Cruz

Cochran, John

is under instruction
for a formal letter
over for a week or so
to permit of the ~~2nd~~
modification of it.
The letter is necessary
on account of Mrs.
Hoy's report on
80. 11. 562 of 25. 5. 55
I have called first - 20. 5
H. H.

to almost exactly £1 per bale
but it is certain that freight
insurances were in many
cases paid in Madras, though
"freight" is included in the
heading in the Govt of States
Statement. £1 per bale added
to the Madras rate comes gives
£10.0.0½ against £10.8.3.
For natural cotton. The ordinary
Estimates of the cost of putting
the cotton into the London market
is 4 annas per lb or Rs 25 per
a bale. This added to £8.2.1
the Madras rate, brings it very
near 7 pence per unit.

There seems no reason to believe

that forth suffer to any serious
extent by selling in Sweden, and
the ~~double~~ uncertainty as to
changes in London, and the
quicker realization by sale
in Sweden seem to justify
the continuance of the system
Comhairle on these however

The Hon. H. E. Sutherland

Letter after each sale
H.L.

44-4-85
44-4-85

	English Price.	Deduct 10 percent for freight &c	Net price	Indian Price
	£. s. d.	£. s. d.	£. s. d.	£. s. d.
Natural Brown.	10. 8. 3.	1 - " 10	9. 7. 5	8. 2. 6.
Pressed. "	13. 4. 2.	1. 6. 5	11. 17. 9	10. 7. 2 1/4.

Name of bark.	Percentage of Sulphate of Quinine	English price per 100 lbs (calculated at 7d per unit of Quinine in a lb of bark - i.e. the little of Irons finding Phillips of 2 3/4 lbs)	4	5	6	Added	Total (Col 4, 5 & 6)	Figure
	2	3	£ s d	£ s d	£ s d	£ s d		
Natural crown	3.57	10 8 3	£ 8 2 6	£ 16 3	£ 1 7 1/2	£ 9 4 1/2	1 - 7 - 10 5/8	
Mossed crown	4.70	13 4 2	£ 10 7 2 1/4	£ 16 3	£ 2 3 1/4	£ 11 5 6	1 - 15 - 8	

x 04 100 67 100 100
x 04 100 67 100 100

in the Special Vol. - P. 10

Small balance in these figures as before.

The value for units given by the calculations can therefore be used in place of the figures given.

$$1.7 \frac{1}{2} = \frac{19.5 \times 12.5}{3.57} = 5.4$$

not 4.3.

$$2.1 = \frac{25 \times 25}{4.7} = 5.2$$

not 5.1

As to the other calculation the charges in the London market for freight are to an very high nearly 25 per cent. The usual estimate in this country is 4 pence a pound. which for a bale would come to over £2. This added to the price would come very near the English rate of 7 pence per unit. 25 pence come to 11.25 pence per unit. The best way to make the comparison is to deduct from the

highlight with the changes

There can be got from
a big statement showing
the proceeds from the
of all consignments, to
be found for a season
of years which the
S of S. send in last
year.

Have this worked out

NCS

Director's Office
Notarized April 1885

Dear Mr. Wilson.

I send you the Comparative
Statement of the Crown and Red Barks
which you asked for.

Crown Barks

- Column 1. Shows the total alkaloids
in a given weight of
air dried bark.
- Column 2. The amount of Sulphate
of Quinine
- Column 3. The other alkaloids
- Column 4. The prices realized at
the last auction sale.
- Column 5. The prices given for each
unit of Sulphate of Quinine

Red Barks

— do —

From this statement it will be
seen

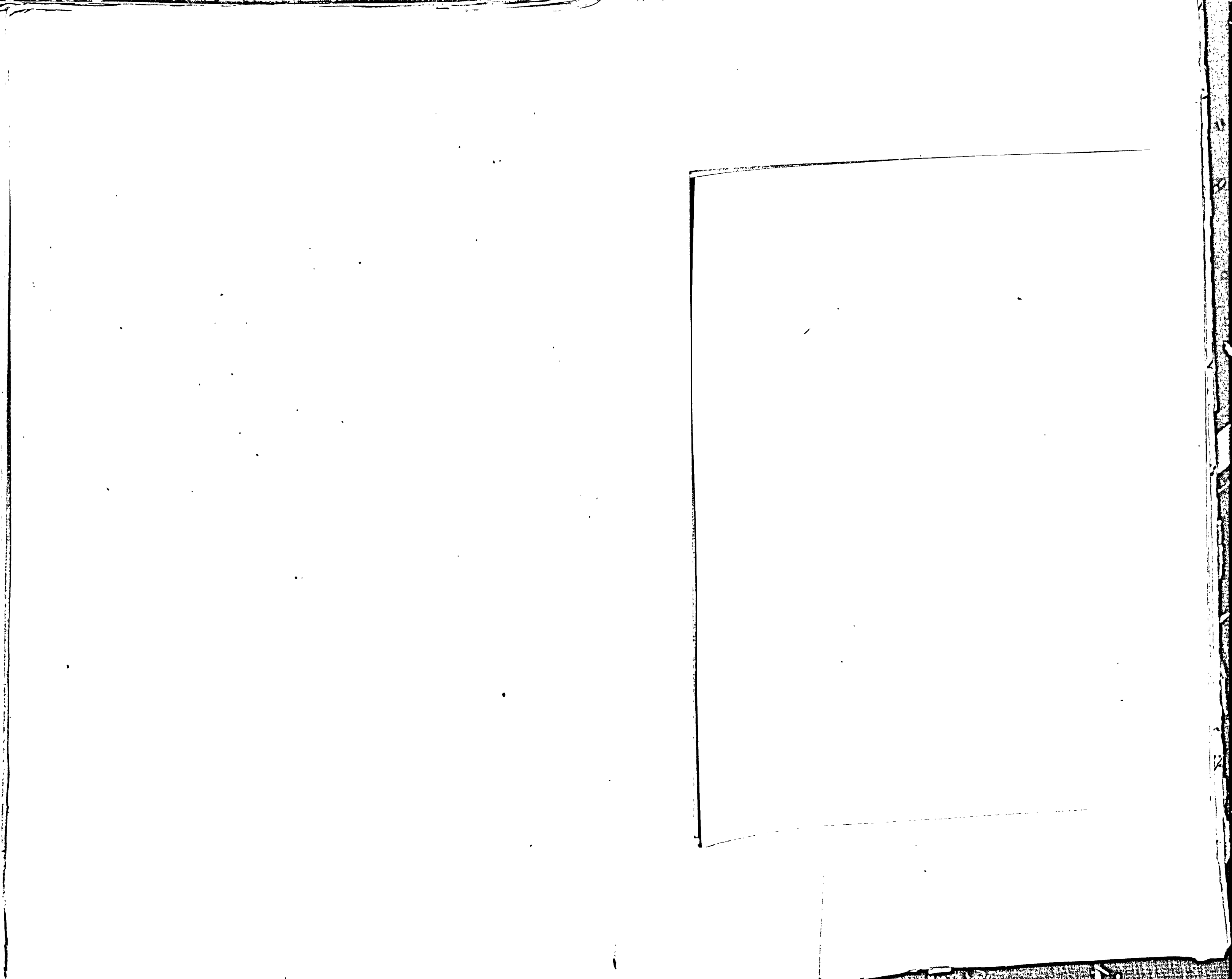
seen that the prices offered for the Red Barks would, if accepted, have produced only half the amount, which was given in the case of the Crown Barks for a unit of sulphate of Quinine. Add to this that all the other very valuable alkaloids, which stand very high, are entirely ignored, you will see that the prices offered for the Reds were simply ridiculous.

(But Indian doctors have said that (striking an average) the "other alkaloids" are quite equal in therapeutic properties to Quinine itself. and this being so it is madness for us to sell the Red Barks at a lower

79
lower price than that, which we obtain for the Crown Barks, especially seeing that the total alkaloids of the Reds are even higher than those of the Crown.

What we ought to do is to knock on the head the merchantile notion that the Sulphate of Quinine is the only drug which can cure fever.

yours sincerely
J. H. Lawson



Comparative Statement of red and Crown barks.

h.w.
25-4-85 81

	Crown Bark					Red Bark					Remarks	
	Analyses			Price realized per 100 lbs	Price of unit of Sulphate of Quinine	Analyses			Price Offered per 100 lbs	Price of unit of Sulphate of Quinine		
	Total Alkaloids	Sulphate % Quinine	Other alkaloids			Total alkaloids	Sulphate % Quinine	Other Alkaloids		%		lbs
	1	2	3			4	5	6		7		8
Natural	4.32	3.57	1.66	100	4.6	5.10	1.56	3.94	31.5	3.2	✓	
Mossed	6.06	4.70	2.56	126	4.3	6.87	2.66	4.89	39	2		
Renewed	6.01	4.06	2.99	130	5.2	6.81	2.54	4.92	46	2.11	✓	
Branch	2.09	1.17	1.22	41	5.6	4.45	1.29	3.49	18	2.3		
Reel-	"	"	"	"	"	5.09	1.38	4.06	15	1.9		

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M. A. Lawson
Director

{
Director's Office
Atacama 24th April 85
}

83

Actual cost for 14th 1/2 by
 10/11 at 1.11
 = Rs 9-11-5

100/-
 10/11
 1-8-7
 10/11-5

1.16-8 a
 17 1/2 1/2 - 1/2
 6-2 on average

10-5 : 6-0 : 100
 165 : 2,000 : 60
 999

60%

$$\begin{array}{r} 5-5 \\ \hline 9-6-1 \\ 11-6-1 \end{array}$$

$$\begin{array}{r} 8-11^* \\ \quad \quad 4 \\ \hline 24-12 \\ \quad 16 \\ \hline \end{array}$$

5-1
5-9

$$\begin{array}{r} 216 \\ 24 \overline{) 556} \\ \underline{512} \\ 44 \end{array}$$

$$\begin{array}{r} 9-9 \\ 1. \\ \hline 10-9. \end{array}$$

437.1

1. all

202 $\frac{1}{2}$ 6

402 $\times \frac{2}{3}$ 29

602 1

cash on
hand 400⁰⁰
y altho

602 bottles @ P- 4.00

Storckman
May 8th

My dear Lawson.

I enclose a note on the
cost of Cinchona ligulata, which
we propose to print as an
appendix to Mr. Storckman's
letter. Will you kindly look
thru it & see if there is
any undetected error.

Para 3 of Storckman's letter,
if it is proposed, should be altered
so as to read as follows:

"3. The cost of manufac-
ture was discussed with the
Storckman, and I am of opi-
nion that the Cinchona bark
taken at the rate of the
recent sales at Madras and

allowing the usual receipt
type for fuel, & labour &c.
concentrated liquid cinchona
could be turned out at
2.1-0-8 $\frac{1}{2}$ per ^{fluid} pound.
I append a note showing
the details of the cal-
culation.

Mr. W. W. Williams desires
me to return the other papers
enclosed, as they will not
now be required, and to
pass to the Office which
despatched accordingly in
his office. I see
nothing to be signed.
Yours sincerely
S. H. H. H. H.

[illegible]

A very important and
disputable. After a perusal
of this important case has
been raised in the Sec
that so far it is correct
any other inaccuracies
being at as circulations
In London

WHP

all
25/4

Revenue Department
95

To

The Right Honble
the Secretary State
for India

My Lord

We have the honor
to acknowledge the receipt
of your Lordship's despatch
dated 29th February last
no: 4 (Revenue) and to
enclose for your Lordship's
information copy of our
reply dated
no: 2

It will be seen
that we have not
thought it desirable
to adopt the suggestion
of Messrs. Jenkins & Phillips
that the work should
be sent for the future
for sale in the London
to be sold

marked. It is not easy
owing to variations in
the rate of exchange
to arrive at a very exact
comparison between the
prices ruling in Madras
and those obtainable
in London, and the
difficulty is very greatly
intensified by the uncertainty
which appears to cha-
racterize the amount
of charges in London
for dock-fees, brokerage,
warehousing, commission,
analysis &c. These charges
are incurred on con-
signments of bark to
London in addition to
freight and insurance
payable in Madras, and
the statement received
with your Lordship's
despatch to the Govt of
India dated the 78th Oct/83

to Mr. Rennie shows that
they vary very largely in
amount. As a rule, placing
in this country estimates
the cost of placing bark
in the London market at
£10-10-0 per ton, or £25
per bale of 100 lbs. At the
last local sale the prices
realized were equivalent
(assuming the value to
be worth 18-7 1/2 d) to
£8-2-6 per 100 lbs of natural
brown bark containing
3.54 per cent of sulphate
of guanine and £10-7-2 1/2
per 100 lbs of dressed bark
containing 4.70 per cent
of sulphate of guanine.
According to Messrs. Jackson
and Phillips, the same
qualities of bark would
have fetched £10-8-3
and £13-4-2 per bale
in London respectively

But assuming the charge
for freight $\$1.25$ to amount
to $\$1.25$ or $\$2.00 - 7/2$
herein it is obvious
that the net price realized
would be little better
than that obtainable
in Madras. In these
circumstances we are
of opinion that the
interest of Government
do not materially suffer
by the sale of the bank
local in Madras.

To this system of
local sale we attach likewise
^{great} importance - ~~as much~~
as much as it gives a ^{valuable} ~~valuable~~ ^{important}
wholesome stimulus to
local trade - and we
decide to continue it.

To give certainty
and stability to the
market however, and

To the
Hon. Secy.
of the
Govt.
of India
at
Calcutta
18th
Sept
1892
I think so. of course
he will be able to
formulate like D.V.
with?

99
So to reduce the risk
loss within the narrowest
possible limits we
propose ~~with your sanction~~
Ship ~~convenience~~ to
appoint fixed dates
for the sale of our
bank.

5. We have ascertained
that on the experience
of the Madras market
the best times for selling
are the early days of
each of the four last
months of the year -
the best time for selling.

6. We propose therefore
to fix the first Mondays
of each of the months
of September, October,
November and December
as the dates of our
sales in Madras.

7. To add still further

to the stability of the
 market and so to induce
 and enable home
 dealers to make arrange-
 ments if they wish for
 buying through corres-
 pondents at our local
 sales, we propose to
 guarantee that for the
 next two years we shall
 place on the market
 not less than 80000 lbs.
 of Bark in ^{granulated} ~~lots~~ of not
 less than 20000 lbs. each
 each of the four monthly
 sales. The quantity
 offered in after years
 will probably be much
 greater. Further to give
 the home market know-
 ledge and assurance
 regarding the bark that
 we shall offer we pro-
 pose with your Lordship's
 permission to send samples

7/10

See Mr. Lassar's D.D.
 letter of 24th Oct. 1855
 27-11-55

1851
 fit with chemical
 analysis attached. The
 despatch of which shall
 be so arranged that
 they may be available
 for intending purchasers
 at the India Office for
 say 6 weeks before the
 date of sale in hand.
 For the present at any
 rate we propose to
 offer for sale only the
 various varieties of Cou-
 bark. We do not propose
 to put any of our Red
 bark on the market
 so long as the prices
 offered remain so dis-
 proportionately and un-
 remuneratively low as
 our information shows
 them to be at present.
 We consider however
 that though in the present
 state of the market we
 cannot sell the red bark

profitably we can turn
them to account, account-
ing using them for the
local manufacture of
liquid solutions of iron
alkaloids that has been
recently produced by
our Quinologist Mr. Hooper
and has been used in
our hospitals with the
most gratifying results.

For this purpose they
are from their richness
in alkaloids peculiarly
well fitted - better even
than the 'Crown' brand.

This matter is now
engaging our most
earnest attention as will
appear from the accom-
panying copy of our Reg.
no: 366 dated 25th March/85,
for in this new prepara-
tion we hope to find a
febrifuge that will be

Have we made all
the arrangements necessary
which has been
reported to you. I am, Sir,
Yours faithfully,
J. W. S. J.

Your ^{Lordship} ~~Secretary~~ will bear from
these papers that the ap-
-pliance now in our Medical
Stores at Madras can with-
-out difficulty be adapted to
the manufacture of Mr. Hooper's
liquid extract on a large scale
at an estimated cost of
Rs. 1-12 approx., against
which contracts have
favorably with the price (Rs. 100)
we pay for the febrifuge sup-
-plied by the Govt. of Bengal &
now largely used in the hospitals
& dispensaries of this Presidency.
The details of the estimated
cost of production ~~have been~~
~~provided but owing to~~
which was provided by Mr.
Hooper in consultation with
the Medical Director Dr.
Pearce have not been provided
but owing to the practical
skill & knowledge of these gentle-
men we have no reason to doubt
that it is approximately accurate
we have accordingly given instructions

at once effective and
cheap enough to be with-
in the reach of the poorer
classes. If your Lordship
concurs in the policy we
have now indicated, we
beg that you will further
and give effect to it by
causing the accompanying
-ing notification to be
published in the home
newspapers or by bring-
ing our proposals to
the knowledge of the
mercantile world in
such other way ^{as} ~~that~~ you
Lordship may deem most
suitable.

As the year is already
some what advanced
and as we wish to
hold our first sale
in the beginning of
September we shall
be glad if your Lordship
will intimate to us

by telegraph to the
our friends meet
with your Lordship
apostrophe

W. B.

27-4-85

for the immediate man-
-facture at head and
the Bishop's personal
intention of good things
liquid matter at 4000 ft
or... The result of this
-ment will be up to the
Lordship in due course

to the ...

to the ...

to the ...

Note

I submit that of a letter which I have submitted to the R.E. ... of ... in reply to his despatch of 19th Feb last No. 7 (Rev.) and as answer to our Pro of No. ... showing the result of the latest local sale of the ... bank.

There are two parts in the letter that demand attention as much as the policy by which goes somewhat beyond what has as yet been the formal sanction of the Govt.

The first relates to ~~the~~ ^{the} ~~proposals~~ ^{proposals} of which is to give certainty and stability to the market. ~~These~~ ^{These} are officially explained in a letter. These proposals are merely a development of the policy of local sales which the Govt. wishes to continue and augment in effect within the limits of the Govt.

may engage in mercantile
 transactions
 if it shall conduct its busi-
 ness and merchant credit

The best point that requires
 notice is the proposal to offer
 only our Crown bank notes
 issuing our Red's for the best
 manufacture of the liquid solution
 of American Alkaloids that
 Mrs. Hooper has recently pro-
 duced.

I must be accompanying D.D.
 correspondence that I have had
 with Mr. Lawson it will be seen
 that the prices offered for the
 Red bank are ridiculously low and
 disproportionate to the value of the
 bank notes: he has offered
 in fact about one half their
 value for a sulphate of primine
 point of view while the market
 absolutely ignores their value for
 the Alkaloids point of view -

See especially Mr. D.D. letter
 of 20-4-55 and 11-11-55
 H.L.
 17-4-55

See Analysis in
 connection with the
 D.D. of 20-4-55
 H.L.
 17-4-55

See Mr. D.D. letter
 of 20-4-55
 H.L.
 17-4-55

50000 lbs of
 Crown Bank notes
 offered for sale
 at 1/2 price
 75000 lbs of
 Crown Bank notes
 offered for sale
 at 1/2 price

This from the "Alkaloids"
 point of view that they are most
 valuable to us and in these they
~~are~~ are considerably richer than the
 Crown's.

A word of explanation is above-
 said as to the way in which the
 minimum possible premium that
 than ^{the D.D.} proposed ~~to sell~~ for each of the
 next two years was arrived at.

From the figures given in D.D. by
 Mr. Lawson it appears that there
 are now in stock 487 bales or 487000 lbs
 of Crown bank: the price 24,350 lbs
 for each of the next two years.

Mr. Lawson estimates his
 out-turn at not less than 60,000 lbs
 again for the next two years
 this added to the existing stock
 gives a sum of - 84,350 lbs again
 I have proposed therefore that Mr.
 shall undertake to put on the
 market at less than 80,000 lbs

again for the next two years.

h. h.

25-4-85

Continue later

1/10 Interim
1/11 Draft-Def
to the
1/12 H. H. H. H.
of the

H. H. H. H.
H. H. H. H.
R. H. H. H.

C. no. 3/21. 113.

note.

Copies only of extracts from the letters of Messrs Lawson and Storppe are circulated with this draft-order, as in the same letters an entirely different matter, viz. Dr. Cleaver's experiments at Calicut, was reported upon, which must be disposed of separately and with reference to a different file of papers. The original letters are retained for this purpose. If approved, the Director will be requested to officially to confine each letter to a single independent subject and to instruct Mr. Storppe accordingly. S.O.H.

H. H.
2.5.85.

912-5-85 at 9.
J. H. Hooper 7th
B. 4 of Cinchona
A. H. Hooper D.

The despatch has an
undoubted commercial
twang about it and recalls
the letter to our Honorable
Members at the end of last
century announcing a real
good bargain in Madagascars!
H. H.

Mr Hooper's fluid extract
of Cinchona alkaloids

The Despatch to the
Secretary of state and the
G.O. on this subject have
been amended so to bring
them into accord with the
verified information supplied
by Messrs Lawson & Hooper.
and are submitted for
approval. In the Despatch
para 11 and in the G.O.
para 2 are those that
have been amended.

H. H.
185-85

171
 Mr Hooper's fluid extract
 of Cinchona alkaloids.

How Mr. Sullivan
 is doing
 in the business

his

119
 Read the following Papers

1. Despatch from the Secretary of state of 19th Feb. 1885 No 7.
 2. Letter from the Director of the Govt Cinchona Plantations, Parks & Gardens of 18th March 1885 No 46.
 3. Letter from the same, 24th April 85, no 1.
- Order No 549 of 12.5.85.

There seems no reason ^{interest to} to believe that the Govt suffer to any material extent by selling the ^{sale of} bark in Madras. The uncertainty as to the amount of the ^{warehousing, commission, and other} charges in London, if the bark is sent home, ^{for future} sale, seems to justify the continuance ^{for the present} at all events, of the system of local sales. Comparison should, however, be made by the Director on the best materials available after each sale.

2. The results of

for dock fees, brokerage,

* The clause in permit is inserted in the - enclosure to the Govt for information. It is not seen how it is a justification in the system of local sales.

* Is the necessary? This is nothing in the system of local sales. Not to his effect.

the sales in hand as in
March last were ^{as the Director has now} better
than those of the previous
sales.

From orders
17-4-85

To
The Director of the Govt. C.P. Dept.
Financial Dept.
50
4

It is noted that a copy
of the order to the Director
of the Govt. C.P. Dept.
Financial Dept.
has been sent to the
Director of the Govt. C.P. Dept.
Financial Dept.

17-4-85

MLL

Cinchona Bark Sales.

2. 11. 89

1. 10. 89
1. 11. 89
In question
1. 11. 89
1. 11. 89

1. 11. 89
1. 11. 89
1. 11. 89

1. 11. 89