

(1) Number of pages 6(2) Date of repair 8-8-38(3) Initials of the Referencer 4

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	1372	Press ~~Mis.~~
Dated	6-12-1882.	

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following Despatch from the Most Honorable the MARQUIS OF HARTINGTON, 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, 21st September 1882, No. 33 (Revenue):—

With your Secretary's letters of the 8th and 22nd November last, particulars were received of consignments of Nilgiri Chinchona bark to this country, per steamships *Booldhana* and *Navarino*. This bark was made over to Mr. Whiffen for the manufacture therefrom of quinine and other alkaloids on account of Government.

2. Details of the analysis of each different kind of bark, of the products obtained, and of the cost of manufacture and other charges, are given in the enclosed memorandum.

ENCLOSURE.

Particulars of 402 bales and 11 cases of Chinchona Bark from the Government Chinchona Plantations, Dodabetta and Naduvattam, Nilgiris, received per Steamship *Booldhana*, November 1881.

Mark.	Number.	Description of Bark.	ANALYSIS.			
			Quinine Sulphate.	Quinidine Sulphate.	Chinchonidine Sulphate.	Chinchonine (Alkaloid).
		Renewed Crown Bark.	Per cent.	Per cent.	Per cent.	Per cent.
AD CR	1 to 34, 101 to 120 ..	Renewed in two years; planting of 1865, No. 7A.	5.71	..	0.41	0.12
	58 to 60, 79 to 88 ..	Planting of 1869, No. 35K, renewed in two years				
		Mossed Crown Bark.				
AD CM	35 to 49, 121 to 135 ..	Planting of 1865, No. 7A, under moss two years.	4.3	..	1.4	0.24
	61 to 69	Planting of 1869, No. 35K, under moss two years.				
	89 to 94	Planting of 1866, No. 13D, under moss two years.				
		Natural Crown Bark.				
CN	50 to 57, 136 to 140 ..	Planting of 1865, No. 7A	3.42	..	1.02	0.23
	70 to 78	Planting of 1869, No. 35K				
	95 to 100	Planting of 1866, No. 13D				
N R M	37 to 40	Root red bark	2.09	..	2.15	2.39
	260	Mossed red bark				
N P	97 to 107	Branch red bark	0.92	..	2.23	0.74
N P N	1 to 43	Branch red bark	0.66	..	1.35	0.51
	44 to 79	Coppiced red bark				
	1 to 11	Natural red bark of 2nd coppice ..				
N N	1 to 167	Natural red bark	1.36	..	3.68	1.5

Products obtained by Manufacture and Manufacturing Charges on account of the same.

	Products.	Charges.		
		LB.	£.	s. d.
Quinine sulphate	...	742	593	12 0
Chinchonidine sulphate	...	120	66	0 0
Quinidine sulphate	...	23	23	0 0
Chinchonine alkaloid	...	43	17	4 0
Febrifuge	...	1,433	716	10 0
Total	...	1,416	6	0

Total Charges paid in this Country.

	£.	s.	d.
Entry	...	0	2 6
Fire insurance	...	9	9 0
Freight	...	290	4 8
Wharf charges	...	43	10 5
Agency	...	51	12 6
Analysis	...	12	12 0

Add manufactory charges ... 407 11 1

Total ... 1,823 17 1

Particulars of 317 bales of Chinchona Bark from the Government Chinchona Plantations, Naduvatum, Pykara and Dodabetta, Nilgiris, received per Steamship *Navarino*, December 1881.

Mark.	Number.	Description of Bark.	ANALYSIS.			
			Quinine Sulphate.	Quinidine Sulphate.	Chinchonidine Sulphate.	Chinchonine (Alkaloid).
			Per cent.	Per cent.	Per cent.	Per cent.
N	168 to 200	Natural red bark	1.2	..	2.8	1.14
N	1 to 60	Branch red bark	0.8	..	1.5	0.47
N	80 to 94	Renewed red bark	3.04	..	2.32	1.84
P	61 to 127	Root red bark	1.3	..	2.1	2.57
P	128 to 135	Mossed red bark	1.71	..	3.41	1.68
P	136 to 169	Renewed Crown Bark.				
AD	141 to 148	Planting of 1866, No. 13d; renewed in two years.	5.7	..	0.48	0.31
ER	161 to 184	Planting of 1866, No. 16a; renewed in two years.				
	207 to 218	Planting of 1866, No. 12c; renewed in two years.				
AD	226 to 228	Renewed scraped crown bark	4.34	..	0.37	0.28
CR		Mossed Crown Bark.				
AD	149 to 155	Planting of 1866, No. 13d; two years under moss.	4.06	..	1.5	0.2
CM	185 to 196	Planting of 1866, No. 16a; two years under moss.				
	219 to 222	Planting of 1866, No. 12c; two years under moss.				
	229	Mossed scraped crown bark				
		Natural Crown Bark.				
AD	158 to 160	Planting of 1866, No. 13d	3.6	..	1.21	0.16
CN	197 to 206	Planting of 1866, No. 16a				
	223 to 225	Planting of 1866, No. 12c				
AD	230 to 234	Natural scraped crown bark	1.81	..	0.75	0.06
CN						
AD	235 to 240	Branch crown bark	0.7	..	0.16	0.04
CB						

Products obtained by Manufacture and Manufacturing Charges on account of the same.

	Products.	Charges.		
		LB.	£.	s. d.
Quinine sulphate	...	75	580	0 0
Chinchonidine sulphate	...	2	123	15 0
Quinidine sulphate	...	1	17	0 0
Chinchonine alkaloid	...	165	66	0 0
Febrifuge	...	802	401	10 0
Total	...	1,188	5	0

Total Charges paid in this Country.

	£.	s.	d.
Entry	...	0	2 6
Fire insurance	...	8	14 0
Freight	...	208	1 8
Wharf charges	...	40	1 6
Agency	...	39	12 6
Analysis	...	17	6 6

Add manufacturing charges as above ... 313 19 8

Total ... 1,502 3 8

charges on account of the bark received Steamships *Booldhana* and *Navarino*

	"Booldhana."	"Navarino."	Total.
cy, &c.	£. s. d.	£. s. d.	£. s. d.
...	407 1	313 18 8	721 9 9
on bark at factory	1,416	1,188 5 0	2,604 11 0
Total	...	...	3,351 18 9

6th December 1882, No. 1372, Revenue.

Miscellaneous.

Communicated to the Conservator of Forests.

(True Extract

(Sign) P. P. HUTCHINS,
Sg. Secretary to Government.

Conservator of Forests.
Intendant, Government Central Museum.

French.

Govt. of 1883 Madras.
REVENUE.

Issued

Recd.

Encl.

G.O., 6th December 1882, No. 1372.

DECEMBER.

Chinchona Bark.

Secretary of State's Despatch enclosing
Memorandum giving details of the analysis of
different kinds of —, forwarded per Steamship
Booldhana and Navarino, communicated to Con-
servator of Forests.

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Secretary of State
for India
London.

dated 21st September
1882 19th October

Print.
G. 12.82

Revenue.

Subject.

Enclosing a memo-
randum giving details of the
analysis of different
kinds of Chinchona
bark.

of the bark of
Chinchona.

dated 21st September
1882