

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 827	<u>Press</u> ~~Mis~~
153/154	
Dated	14-5-19 1864

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
14th May 1864.*

No. 153. Read the following letter from Captain R. H. BEDDOME, Officiating Conservator of Forests, to J. D. SIM, Esq., Secretary to Government, Revenue Department, Fort Saint George, dated Camp Ootacamund, 9th April 1864, No. 877.—

SIR,

No. 943, 1st May 1862.
" 1,169, 28th do.
" 2,592, 11th December 1862.
" 524, 16th March 1863.
" 646, 13th April "
" 1,191, 4th July "
" 1,859, 21st do. "

1. With reference to the Government Orders marginally quoted, I have the honor to forward copy of a letter from the Acting Assistant Conservator, Anamallays, together with a Statement showing the measurements at which the planks in question were paid for by Captain (now Major) Brine, their outside measurement, and their correct dock-yard measurements.

2. Thirty-five planks have not as yet been found by Mr. Spring, and they are probably in the bed of the river between Mungara and Ponany, as so much delay has already occurred in forwarding this report I cannot detain it any longer.

3. As Government are aware Captain Brine entered in a contract for the delivery of 500 Teak planks at the foot of the Colungode Timber Slip at the rate of 1 Rupee per cubic foot. All axe-men and Contractors had previous to this been paid at the rate of Rupees 6 for a first class dock-yard plank (dock-yard measurement), Rupees 3-8-0 for a second class, and Rupees 2-8-0 for a third class, other classes and rejected planks being paid for a rate varying from a few Annas to Rupees 1-12-0 per plank, this is on average of about 4 Annas the cubic foot only; but Captain Brine's contract however included carting or dragging to the head of the Timber Slip, and slipping, his might be taken at an average of 2 Annas the cubic foot. According to the orders conveyed in page 4 of the Forest Manual, Captain Brine had no right to enter into any such contract without the ratification of the Conservator. Captain Morgan, then Acting Conservator, did not approve of the contract as the rates were exceedingly high, but as advances had been given by Captain Brine, he did not stop the contract, but ordered Captain Brine to personally supervise the measurement (vide Captain Morgan's letter to Government, No. 842 of the 8th of March 1862, G. O. No. 942, 1st May 1862), this Captain Brine, apparently refused to do; the measurements were all left to the Overseer, and Captain Brine appears to have paid down the large sum of Rupees 11,877-0-5 without taking the usual precautions of checking some of the measurements or without even having seen one of the planks.

4. It now appears that Captain Brine paid the sum of 11,877-0-5 Rupees for the 500 planks, whereas if the planks had been correctly measured he should, according to his own contract, have paid only Rupees 5,484-4-0 for the 469 already re-measured, and taking the missing 35 planks at the average of the others, i. e., 11½ cubic feet each, 411-4-0 should be added to this sum, which would give a sum total of Rupees 5,895-8-0 as the amount that ought to have been paid against Rupees 11,877-0-5, the sum paid to the Contractor; the planks are very inferior, having been cut out of a portion of the forest that had previously been worked by the Department and where no really good trees were left; our planks have generally averaged 13 cubic feet dock-yard measurement, but these only average 11½.

5. The outside measurement of the 469 planks which have been re-measured is 8,907 cubic feet, 808 inches, the measurement at which these were paid for (supposed to be dock-yard measurement) is 10,858-1,690½, which is actually 1,951-887½ in excess of the outside measurement; this clearly shows that the whole transaction must have been of a most fraudulent nature.

6. The correct total of the Overseer's measurements is 11,856 cubic feet 691½ inches, and not 11,877-45½ as entered in the list and at which the payment was made.

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The planks have cost as follows:—

	Rs.	A.	P.
Amount paid by Captain Brine to the Contractor	11,877	0	5
Carting the planks	2,520	0	0
Floating do.	189	0	0
Hauling do.	31	8	0
Seigniorage paid on the trees felled (about 150 trees), but amount uncertain.	750	0	0
Total sum paid for 504 planks...	15,367	8	5

7. Mr. Lennon, the Overseer, to whom Captain Brine entrusted the measurements, fully understood plank measurement, as he had had some years' experience in it: this measurement is fully explained in paragraph 7 of a Memorandum, page 21 of Dr. Cleghorn's Forest Manual, which is in the hands of all Forest Subordinates, and which Memorandum was drawn up purposely for the use of the Forest Department in the Anamallays. I consider, therefore, that he must have wilfully falsified the measurements, and that there has been collusion with the Contractors; as an Overseer he bore high character previous to this transaction, and has been in the meanwhile promoted to the charge of the Kurnool Range as Sub-Assistant Conservator, where he has done very good service. Captain Brine undoubtedly threw very great temptation into his way by leaving a transaction where such a large sum was concerned entirely in his hands, but this cannot excuse Mr. Lennon's conduct. I cannot understand Captain Brine's reasons for refusing to superintend the measurement of the planks, or what can have induced him to make such a large payment without taking the usual precautions of at least checking some of the measurements, particularly as he must have seen that he was paying for the planks at an average size far greater than any previous year's yield; he must besides have seen that he was paying upwards of 20 Rupees for each plank, good, bad or indifferent, when previously even first class planks had not cost one-third of this sum, the simplest calculation must have shown him that if the cost of the establishment and superintendence were added to this, the forest could only be worked at a loss.

8. I am sorry that such delay has occurred in forwarding this report, but it has been unavoidable. Captain Brine was requested to keep the account of these planks separate from the other planks, but he failed to do so; Captain Michael had made arrangements for floating these planks, but owing to his sudden illness his arrangements were not carried out—when I proceeded to the Anamallays in July last the planks would then have been measured, but it was impossible as some were under transport in the river, and some were mixed up with hundreds of others and could not have been got at without great expense and labour. It was afterwards impossible for Mr. Spring to leave his establishment during the heart of the working season, and the planks were not finally re-measured until the end of the year and then 70 planks were not to be found and were probably still under transport in the river or were mixed up with other planks. At this time, to complicate matters, the Floater (in whose charge all the timber was) died from jungle fever; 35 of these planks have since turned up, and 35 are still missing. Captain Brine was duly informed when the timber was going to be measured, but stated that he could not attend. I was just starting for South Canara on a tour, and it would have been very inconvenient for me to have been obliged to attend, I however offered to be present if Captain Brine wished it, he informed me that if I could trust Mr. Spring, he did not consider my attendance necessary.

9. I also forward a certificate from the Bombay Government Timber Agent, forwarded to me by the Acting Assistant Conservator in charge of the Anamallays.

ORDER THEREON, 14th May 1861, No. 827.

1. In the foregoing letter the Officiating Conservator of Forests reports the result of the re-measurement of certain planks ordered in paragraph 14, G. O. 16th March 1861, No. 524.

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* G. O. 13th April 1863, No. 616.

† G. O. 21st July 1863, No. 1,353.

2. At Captain Beddome's suggestion the examination was postponed* till the planks could be floated to Ponany, and Captain Brine, under whose orders they were originally cut, was subsequently† informed that if he did not himself attend, or depute

some one to be present on his behalf, the Government could not allow the correctness of the measurement to be questioned.

3. The enclosures to Captain Beddome's present letter consist of a report by Mr. Assistant Conservator Thomas Spring, who conducted the measurements; a Memorandum showing (1) the rough, (2) the Overseer's, and (3) the Bombay Dock-yard measurement of the planks, and a Certificate by the Bombay Timber Agent who was present during the investigation.

4. The original contract was for 500 planks to be delivered at the foot of the Colungode Timber Slip, at the rate of 1 Rupee per cubic foot; 504 planks were actually cut and paid for. Of these 35 have not yet been found; the rough measurement of the 469 planks which have been examined showed a cubical content of 3,907 feet: the measurement at which they were paid for (supposed to be dock-yard measurement) is cubic feet 10,858; and the real dock-yard measurement 5,484 feet. Captain Beddome points out that the fact of the Overseer's measurement being in excess of the rough measurement shows how fraudulent the whole transaction must have been.

5. The amount actually paid to the Contractor for the 504 planks was Rupees 11,877-0-5,

Planks.	Bombay Dock-yard measure.	Cubic Feet.	Rs.	A.	P.
469 measured		5,484½	5,484	4	0
35 estimated at		41½	41	4	0
504 ...		5,895½	5,895	8	0

11,877 0 5

5,895 8 0

† 5,981 8 5

though the correct total of the Overseer's measurements is 11,856 cubic feet and not 11,877. The amount which should have been paid at the contract rate is calculated by Captain Beddome at Rupees 5,895-8-0.† An excess payment was therefore made amounting to Rupees 5,981-8-5.

6. The total cost to Government of these planks is calculated in paragraph 6 of the Conservator's letter at Rupees 15,367-8-5, which would give Rupees 30-8-0 or thereabout as the price of each

plank, and Rupees 2-8-0 odd as the cost of each cubic foot of timber.

7. The present market value of the planks at Ponany is stated by Mr. Spring to be Rupees 1-14-0 per cubic foot, on which the merchants seek a deduction of 10 per cent. The total proceeds then of the 504 planks would be about Rupees 9,950, and the net loss to Government on the transaction Rupees 5,417½ odd.

8. Mr. Cabral, the Bombay Government Timber Agent, vouches for the correctness of Mr. Spring's mode of measurement and for the "more than usually defective" character, and bad trimming of the timber.

9. In the Order quoted in paragraph 1 the Government resolved to await the result of the re-measurement of the planks before determining whether Overseer Lennon, who made the measurements upon which the money was actually disbursed, should be called upon for any explanation. It appears from the Conservator's report that this individual bore a high character as Overseer, and has lately been transferred to the Kurnool Range as Sub-Assistant Conservator. Captain Beddome is of opinion that in the matter of these planks "he must have wilfully falsified the measurements" in collusion with the Contractors, being unable to resist the temptation afforded him, by so large a transaction being left entirely in his hands by Captain Brine.

10. The Government are unwilling to pass any decisive order regarding this person without giving him an opportunity of explanation. At the same time the circumstances of the case do not permit them to leave him in responsible charge of a Range, with such an accusation hanging over him. Captain Beddome will suspend him at once and will call upon him to show cause.

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why he should not be dismissed. It should be explained to him that the planks stated by him to measure a given number of cubic feet having been carefully re-measured have been found to contain but little more than half the quantity, and every facility should be given him to prepare his defence. The Conservator will take care that this is submitted within a reasonable period, say three months.

11. In paragraph 15, G. O. 16th March 1863, No. 524, the Government remarked that whatever failure of duty might be proved against the Overseer, they would not consent to transfer to him the entire responsibility for these false measurements. They further intimated that Captain (Major) Brine had not, in the explanation then submitted, shown any cause for a relaxation in his favor of the Orders under which he was declared responsible for the transaction.

12. His Excellency in Council regrets to observe that the present papers do not put matters in a more favorable light as regards this Officer. He finds that not only was the contract entered into without permission, and at unusually high rates, but that Major Brine disbursed a large sum (nearly 12,000 Rupees) without taking any precautions by checking some of the measurements, or indeed without even having seen one of the planks. The result is that he has paid away nearly 6,000 Rupees more than were due, even according to his own contract. The Government concur in the remarks recorded in the latter half of paragraph 7 of Captain Beddome's letter under review.

13. Major Brine has already left the Forest Department. The Government now direct that for the gross negligence which he has evinced in the performance of his duties, he be required to make good the amount paid to the Contractors in excess of that actually due to them, and which sum is, as shown in paragraph 5 above, Rupees 5,931-8-5.

14. The Controller of Military Accounts will take steps to deduct this sum by monthly instalments from Major Brine's pay and allowances.

(True Extract.)

(Signed) C. G. MASTER,
Deputy Secretary to Government.

To the Conservator of Forests.
„ the Accountant General.
„ the Controller of Military Accounts.
„ the Civil Paymaster.
„ Major J. J. Brine.

Exd. S. T. Augustin.

*This is to certify and declare that I have
- by the Assistant Conservator of Anamalai - witnessed &
superintended the measurements of 436 Anamalai Teak planks
and that these measurements are the same as those adopted by this
Department in the measurement of similar planks, hitherto
received by this Agency for the local naval purposes of the Bombay
Dockyard; and, further, that their general character (as to quality
and preparation taken as a whole) is in many respects inferior &
is much so, that more than one fourth of the above quantity
is unsuited for ^{Government} ship-building purposes, and the remainder (with
the exception of 12 or 13) more than usually defective, and as such
frimmed.*

*Given under my hand at Poona this 31st day of March
1864 -*

P. J. Leabral

*In charge Bombay Govt.
Timber Depot - Anamalai
& Canara -*

A. 118

Comitato 4^{to} April 1861

14/07

Captain R. H. Bidstone

Officiating Conservator of Forests.

[Signature]

I have the honor to submit herewith
the measurement of Collium Powder's soap plant cut
in the year 1861. 62. showing the rough, the overco's
and Actual Bombay Dockyard measurement

2. The amount paid by Captain Brine for cutting 504 planks containing 11,877 Cubic feet and $45\frac{1}{2}$ Cubic inches at 1 shilling per Cubic foot was No. 11877-0-5.

3. The Cost of carting the 504 plants from the foot of Ghant to Mungurah is Rupees 5 per plant or Rs. 2520. The floating at 6 Annas per plant or Rs. 189. and hauling @ 1 Anna per plant or Rs. 31-8-0.

4 I cannot exactly state the number of trees cut down to produce the 504 planks in question, but to judge of them, I can to the best of my ability state that there could not have been less than 150 trees cut to produce such planks, - then 150×5 Rupees equal to Rupees 750.

5

The present market value of these plans is at
 1
 1000000

5 Rs is the
seigniorage paid
upon each tree

Dec 9/64

144

99

1. 2. 3.

13046

5
Enclosure No 3.

One letter from the

Office of the Secretary of State

Recd 9th April 1864

Chas. J. J.

at Pomanoy is $\$1.14 - 0$ per Cubic foot, the
merchants to whom I rendered the plan No however
demand the benefit of a deduction of 10 per cent on the
total of their purchase.

6 I regret to state that there are yet 35 plan No
missing. The Overseer's measurement exceeds the rough
measurement by 2969 Cubic feet and $965\frac{1}{2}$ C. inches
how this is to be accounted for I feel at a loss to explain

I have the honor to be

Si

Your Most obed^t servant

(Signed) Thomas Spring

Agent & Commissioner of Forests

True Copy

W. W. Weddowes Capt^y

officiating headquarter of
Forests

Memorandum showing the Rough, the Bunker's, and Bombay Dockyard measurements of Chinese Rowers' planks

Numbers	Rough Measurements		Cubical Contents		Bunker's Measurements as it was put to the Contractor		Cubical Contents		Bombay Dockyard Measurements			Bunker's Contents			Remarks
	F	S	H	S	F	S	F	S	H	W	D	H	W	D	
1	33	15	24	108	33	15	7	24	108	13 1/2	12	6	81	.	.
2	34	14	19	1440	34	14	6	19	1440	14 1/2	12	3 1/2	50	9	.
3	21 1/2	15	13	486	21 1/2	15 1/2	5 1/2	12	1258 1/2	9	3	2 1/2	5	7	8
4					34	17	6 1/2	26	156						
5	33 1/2	16	26	96	34	15 1/2	6	21	1656	12 1/2	13	3	41	5	4
6					22 1/2	12 1/2	7 1/2	14	839 1/2						
7	21 1/2	17	12	1194	21 1/2	16	6	14	576	9	14	4	42	.	.
8	34	15	24	1368	34 1/2	14	5 1/2	18	543	12	12	2 1/2	30	.	.
9	32 1/2	15	26	1512	32 1/2	12 1/2	7	19	1030 1/2	13	11	5	59	7	.
10	33 1/2	13	18	252	34 1/2	14	6 1/2	21	1113	13 1/2	11	4 1/2	54	7	14
11	26 1/2	16	23	960	26 1/2	14 1/2	8 1/2	22	1547 1/2	11 1/2	11 1/2	5 1/2	59	9	.
12	21 1/2	17	20	820	19	16 1/2	8	17	720	7	14	3	49	.	.
13	22	15	13	1296	20	16	7	15	960	8 1/2	12	4	34	.	.
14	27 1/2	14	21	1008	28	15	8	23	576	11 1/2	10	6	57	6	.
15	22	18	19	432	22 1/2	19	8	23	1296	9 1/2	15	2 1/2	29	8	4
16	22	18	16	72	22	15 1/2	7	16	996	9	13	3 1/2	34	1	8

17	32 1/2	18	30	33 1/2	17 1/2	6 1/2	26	4 5/8	14	13	44	60	8	.	.
18	34 1/2	14	16	33 1/2	13	7	21	21	14 1/2	12	4	58	.	.	.
19	21	16	11	21	16	7	16	5 7/6	8 3/4	12	2	17	6	.	.
20	30 1/2	13	13	30 1/2	12 1/2	7	10	9 2/1	10 1/2	10	3	26	10	8	
21	33 1/2	17	23	33 1/2	17	6 1/2	25	5 5/8	14 1/2	14	5	83	1	8	
22	29 1/2	14	22	30	13 1/2	8	22	8 6/4	12 1/2	11	5 1/2	63	.	.	.
23	26 1/2	14	12	23 1/2	14	7 1/2	17	5 4/9	11 1/2	11	4	41	3	.	.
24	20 1/2	13	7	20 1/2	13	6	10	16 7/4	8	11	3	22	.	.	.
25	33	15	17	33 1/2	14	6	19	9 3/6	14	11	4	51	4	.	.
26	33 1/2	16	18	33 1/2	17	6	23	15 6/6	14	13	3	45	6	.	.
27	30 1/2	15	18	30 1/2	15	5 1/2	17	10 6/6	13	12	3	39	.	.	.
28	26 1/2	15	13	27 1/2	15	6 1/2	20	7 8/8	10 1/2	12	4	41	.	.	.
29	28 1/2	16	22	29 1/2	16 1/2	6 1/2	21	13 5/6	12	10	2 1/2	32	6	.	.
30	28	13	15	28 1/2	12 1/2	6 1/2	16	13 9/6	12	11	2 1/2	27	1	.	.
31	31	14	18	31 1/2	14	6 1/2	19	12 9/3	13	11	4 1/2	53	7	8	
32	33	16	18	33 1/2	15	6	20	13 5/10	14	11	2 1/2	33	1	.	.
33	31	16	20	31	15	7	22	10 4/4	13	10	6	65	.	.	.
34	32 1/2	16	25	33	16	8	29	5 7/6	14	11	3	38	6	.	.
35	32 1/2	13	14	33	13	6	17	16 1/2	13 1/2	10	4	45	10	.	.
36	30 1/2	12	12	31	13	7 1/2	20	17 1/10	12 1/2	10	3	31	3	.	.
37	31 1/2	15	23	32	15	7	23	5 7/6	13 1/4	9	4 1/2	44	8	10	
			664	870								1548	11	5	

Number	Rough meas.		Rubical Contents		Overseer's measure		Rubical Contents		Rubical Contents		Bumby Book		Remarks
	7	1	7	1	7	1	7	1	7	1	Hall	Board	
38			664	870									
39	35	11	31	673	35 1/2	12	7 1/2	22	54	14 1/2	9	4	1548
40	25 1/2	18	18	408	25 3/4	16	7 1/2	21	792	10 3/4	13	3	23
41	29 1/2	17	27	1488	29 1/4	15	6	18	486	18 1/2	6	4	34
42	26 1/2	12	11	72	27	14	5	13	216	11	3	8	84
43	29	14	19	1276	30	15 1/2	7	22	1044	12 1/2	12	2 1/2	27
44	25 1/2	16	28	1056	26	16	10	20	1536	10 3/4	12	9	31
45	32 1/2	16	21	864	32 3/4	16	6	21	1440	13 3/4	12	3	96
46	36	17	24	144	31	17	6	21	1656	14 1/4	13	3	41
47	33 1/4	16	31	696	34	16	8	30	384	14 1/2	12	5 1/2	46
48	32	17	26	768	32 1/2	18	6 1/2	26	702	13 1/2	14	2 1/2	78
49	22	13	9	1408	22	14	6	13	1440	9	10	2 1/2	39
50	27	15	14	108	27 1/2	15	6 1/2	19	1071	11 1/2	11	2	18
51	30	13	16	432	30 1/2	15	7	22	414	12 3/4	11	3	21
52	28 1/2	13	10	504	28	13	6 1/2	16	744	12	11	3	35
53	21 1/4	13	11	1350	21 3/4	14 1/2	6	13	263	9	11	2 1/2	33
54	32 3/4	16	21	1440	33	16	7 1/2	27	864	13	12	4 1/2	20
55	32 1/2	14	23	204	33 1/4	15	7	24	423	13 1/2	12	2 1/2	158
56	30 1/2	17	18	6	30	16	6 1/2	21	1152	13	12	2 1/2	33
57	27	15	10	216	22	16	6 1/2	15	1396	9	12	3	32
58	28 1/2	16	21	1680	28 3/4	16 1/2	6 1/2	21	713 1/4	12	12	2 1/2	27
59	33	13	14	1575	33	15	6	20	1080	13 3/4	11	3 1/2	30

59	21	14	12	1432	21 1/2	16 1/2	8	17	522	9	11	5	41	3	13
60	27	16	18	1152	27 1/2	17	6	19	828	11 1/2	13	2 1/2	31	1	12
61	24	14	11	1152	24 1/4	15	7	17	1243	10	10	2	33	4	12
62	34 1/4	16	26	1104	34 3/4	15	6	21	1242	14	12	3	42	2	12
63	33	14	16	72	33 1/2	15	6	20	1620	14	10	2 1/2	29	3	12
64	29 3/4	13	10	1384	30	15	6	18	1296	12 3/4	11	3	35	8	12
65	34 1/4	15	14	468	34 3/4	16	7	27	48	14 1/4	12	2 1/2	35	7	12
66	34 1/4	14	16	1128	34 1/2	15	6	21	972	14	12	3 1/2	49	2	12
67	32 1/4	15	26	1512	32 3/4	13	6 1/2	19	376 1/2	12 3/4	11	2 1/2	29	25	10
68	20 1/2	16	11	672	20 3/4	17	6 1/2	15	1596 1/2	8 1/2	11	2	15	7	12
69	21 3/4	18	19	54	22	18 1/2	8 1/2	24	42	9	15	5 1/2	61	10	8
70	20 1/2	15	14	1638	27 1/4	15	7 1/2	21	499 1/2	8 3/4	12	4	35	4	12
71	28	17	26	768	28 1/2	17	8	26	1584	11 1/2	11	5	53	10	4
72	34 1/4	17	20	375	34 3/4	10	8	34	1296	14 3/4	14	1 1/2	26	9	12
73	27	14	23	1080	27 1/2	15	9	25	1350	10 1/2	11	4	36	6	12
74	29	14	14	1344	19	14	9	16	1080	7 1/2	10	6	37	6	12
75	23 1/4	14	13	972	21	15	6 1/2	14	378	9 1/4	11	2 1/2	23	4	12
76	31	18	31	0	31	18	8	31	576	13	14	4	60	8	12
77	31 1/2	13	17	342	32	14	7 1/2	23	576	13	11	3 1/2	29	9	12
78	34 3/4	14	20	468	33	15	7	24	108	9 3/4	12	4	39	0	12
79	27 1/2	12	13	1296	27 3/4	13	7 1/2	18	1363 1/2	11 3/4	9	2 1/2	22	0	12
80	31 1/2	15	19	1188	32	16	7 1/2	26	1152	13 1/4	13	4	57	5	12
81	34 1/4	16	21	702	26 1/4	17	9	27	1539	19 1/4	13	4	57	5	12
82	34 1/4	16	21	702	34 3/4	18	6	23	288	14 3/4	14 1/2	12 1/2	36	10	8
													3289	1	1

Number	Rough Measurements		Cubic Contents		Overseer's Measurements as it was put to the Contractor		Cubic Contents		Bombay Dockyard Measurements		Remarks
	f	i	f	i	f	i	f	i	f	i	
83	28	16	1489	895	20 1/2	16 1/2	20	1008	12	10 2 1/2	3289
84	33 1/2	14	18	1152	31 1/2	15	20	1296	14 1/4	12 4	25
85	30	14	22	1380	30 1/2	14 1/2	22	1114	12 3/4	11 3	57
86	33 1/4	14	23	1086	34	15 1/2	23	36	14	12 3	35
87	32 1/4	12	16	1122	35	15	31	1512	14	11 4	42
88	24	15	12	864	25	14 1/2	15	1380	10 1/4	10 2 1/2	51
89	31	15	22	1044	31 1/2	17 1/2	24	297	13	12 3	21
90	27	14	15	1296	21 1/4	16 1/2	30	480	11 1/2	12 4	39
91	33 1/2	13	18	252	34	15 1/2	24	1368	14 1/4	10 2	46
92	33	16	25	1152	33 1/2	17 1/2	34	1045 1/2	14	13 4 1/2	23
93	27	16	14	0	21 1/4	17	20	120	9	13 4	68
94	28 3/4	15	17	1674	29	15 1/2	22	1134	12 1/4	12 3	39
95	28 3/4	17	20	660	29	18	29	"	12	2 1/2	36
96	33 3/4	15	21	162	34	15 1/2	21	432	14	2 1/2	30
97	20	13	12	1104	20	15 1/2	17	864	10 3/4	11 2 1/2	35
98	20 3/4	16	18	768	24	16 1/2	21	576	8 3/4	13 3	24
99	33 1/4	15	17	549	34	16 1/2	26	768	14	12 3	28
100	26	16	20	2384	20	17 1/2	24	1368	11 1/4	12 3 1/2	42
101	35	18	26	422	36 1/2	19 1/2	35	225	14 3/4	12 4	39
102	22	17	20	1044	22	18	24	1296	8 1/2	12 4 1/2	38
103					15	15 1/2	26	972			3

104	22	18	16	864	22	19	6	17	72	9 1/4	14	4	43	2	
105	22 1/2	15	14	108	23	16	6 1/2	16	1056	9 1/2	11	3	26	1	4
106	21 1/2	13	13	1014	22	16	6 1/2	15	1536	9	10	2 1/2	18	9	
107	27 1/2	15	11	792	20	15	8	23	576	11 1/2	12	3	34	6	
108	30	14	14	1008	30 1/2	15	8	25	720	11 3/4	13	3	38	2	4
109	33	17	21	288	33 1/4	17	8	31	696	13	12	4	52		
110	28 3/4	15	14	1686	29 1/2	17	8	27	1488	13	12	3	36		
111	29 1/4	14	17	108	29 1/2	17	10	34	1428	12 1/2	11	4	45	10	
112	34 1/2	15	25	270	35	16	8	31	192	14 1/2	11	3	39	10	8
113	33 1/2	16	26	96	33	17	8	31	200	13	11	4	47	8	
114	28	14	10	1536	28 1/2	16	6	19		12	10	2 1/2	25		
115	33 3/4	13	18	486	34	15	6	21	432	14 1/4	11	3	39	2	4
116	33 1/2	16	14	1536	34	17	8	32	192	14 1/2	12	3	43	6	
117	32 1/4	15	23	891	33	16	8	29	576	13 1/2	12	3	40	6	
118	28 1/2	16	22	288	29	18 1/2	8 1/2	31	1155	12 1/2	12	5	62	6	
119	20 3/4	14	10	150	21	16	6 1/2	15	208	8 3/4	11	3	24		12
120	22	12	17	192	22 1/4	16	8 1/2	21	24	9 1/4	11	3	25	5	4
121	23 1/2	14	13	1224	24	15	7 1/2	18	1256	10	10	4	33	4	
122	29	13	18	564	29 1/2	15	7 1/2	23	81	12 1/4	11	5 1/2	61	9	2
123	28	17	23	240	28	18	8	20		10 3/4	14	4	58	2	
124	22	11	13	768	23	12	9	17	432	9 1/4	9	4	27	9	
125	24	15	15	0	24 1/2	16	7 1/2	20	720	10 1/4	12	3	30	9	
				2259	1015								4916	3	1

Number	Rough to measurement		Cubical Contents		Persons' med. Instruments at 1/2 to 1/4		Cubical Contents		Rough to measurement		Cubical Contents		Remarks
	F.	S.	F.	S.	F.	S.	F.	S.	F.	S.	F.	S.	
160	30 1/4	14	5		287 2	280	31	14 1/2	6 1/2		20	501	
161	22	12	8		14	1218	22 1/2	14 1/2	8		18	216	
162	34	15	5		14	1152	34 1/2	14	6		20	216	
163	28 1/4	15	7		17	1224	20 3/4	15	6		17	1674	
164	21 1/4	16	6		20	1005	21 3/4	16 1/2	6 1/2		16	344 1/2	
165	28 3/4	18	7		14	288	29 1/4	19	9		34	1269	
166	29 3/4	12	5		25	270	30	15 1/2	5 1/2		17	1314	
167	31 3/4	17	9		20	684	32	17	9 1/2		24	1164	
168	26 3/4	16	8		20	1344	27	16 1/2	7 1/2		23	351	
169	34 1/4	15	5		17	1449	35	17	8 1/2		35	310	
170	33 3/4	14	6		19	1188	34 1/4	14 1/2	7 1/2		25	1406 1/2	
171	29	13	8		20	1632	29 1/4	13 1/2	8 1/2		23	1533 1/2	
172	28 1/4	15	6		17	1134	28 3/4	15 1/2	6 1/2		20	1908 1/2	
173	34	15	6		21	432	22 1/4	17 1/2	9		34	580 1/2	
174	33 1/4	18	6		24	1620	33 1/4	18	8		33	432	
175	31 3/4	15	6		19	1458	32	16 1/2	6 1/2		23	1640	

176	33 3/4	15	5	17	999	34 1/2	15 1/2	7 1/2	27	147 1/2	16 1/2	12	2	24	6	
177	20	16	5	10	720	24 1/2	17 1/2	7 1/2	22	571 1/2	8 3/4	22	3	26	3	
178	27 1/4	14	5	13	426	23	14	5 1/2	14	756	11 1/2	10	2 1/2	23	11	8
179	22	16	6	14	1152	22 1/4	18	8	22	432	9 1/4	14	4 1/2	48	6	13
180	30	13	5	12	864	29 3/4	15	6	18	1026	9 3/4	10	3	24	4	8
181	33	17	5	19	828	33 1/2	17	8	23	1260	14	13	3	15	6	
182						29 3/4	16	10	33	96						
183	20 3/4	16	6	13	1440	21	16 1/2	7	16	1450	12 3/4	13	2 1/2	37	11	
184	29	17	9	20	1404	28	17	10	33	96	12	13	4	52		
185	22 1/2	12	5	9	648	22	14 1/2	6	13	504	9	9	3 1/2	25	7	4
186	21 3/4	15	6	10	1026	22	15	7	16	72	9 1/4	12	2 1/2	25	1	8
187	30 1/4	15	6	18	1566	31	15 1/2	8	26	1200	13	12	2 1/2	32	6	
188	25 1/2	13	6	13	1404	28 3/4	15	6 1/2	19	805 1/2	8 3/4	12	3	36		
189	19 3/4	15	5	10	495	20 1/2	16	6 1/2	14	1392	8 1/4	14	3	22	8	4
190	28 3/4	15	7	20	1665	28	14	6	16	576	12 1/4	13	3	39	9	12
191	30	16	5	16	1152	30 1/2	17 1/2	8	29	1128	12 3/4	10	3	31	10	8
192	35 1/4	14	6	20	972	35 1/2	15	8	29	1008	15	12 1/2	4 1/2	70	3	12
				3497	526									7722	10	13

Number	Rough Measurement		Cubical Contents		Overseer's measurement as it was paid to the Contractor		Cubical Contents		Bay Dock measurement		Contents	
	F.	I.	F.	I.	F.	I.	F.	I.	F.	I.	F.	I.
193	25 1/4	16	3437	526	26 1/2	16	23	960	11	12 1/2	7723	10
194	26	15	17	288	28 1/2	18	28	864	11	12 1/2	51	4
195	27 1/4	14 1/2	18	1434	35 1/4	16 1/2	32	540	14 1/2	10 1/2	67	5
196	28 1/4	14	25	1440	31 1/4	16 1/2	30	753 1/2	13 1/4	10 1/2	50	9
197	29 1/4	13 1/2	16	570	22	18 1/2	19	1356	9 1/4	15	86	1
198	29 1/2	14	17	360	29 3/4	15 1/2	22	710 1/2	13 1/2	11	46	3
199	32 3/4	18	24	972	33 1/2	18	31	702	13 1/2	15	45	10
200					35 1/4	17 1/2	25	1215			64	9
201	31 1/2	13	22	1296	33 3/4	13 1/2	22	256 1/2	14 3/4	9	26	8
202	28 1/2	14	16	1080	28 3/4	14 1/2	17	639	10 1/2	10 1/2	31	6
203	33 1/2	18	37	1188	32 3/4	18	36	1458	14 1/4	13	61	9
204	21 3/4	13	11	1050	22	11	16	72	9	10 1/2	31	8
205	32	13	25	192	31	18 1/2	29	1503	13 3/4	10	68	9
206	32 1/4	16	17	1584	33	17	27	468	13 3/4	12	58	4
207	21 1/4	17	27	1029	21 1/2	17	27	1590	9	12	49	6
208	33	17	25	558	32	18 1/2	39	540	14	5	81	8
209	21 1/4	17	22	999	20	17 1/2	24	108	8 3/4	13	66	4
210	33	16 1/2	32	243	36 1/4	17 1/2	37	770 1/4	14	13 1/2	102	8
211												
212												
213	33	16	22	28	33 1/2	17 1/2	25	1321	14 1/4	14	58	4
214												
215	33 1/2	16	26	96	34 1/4	17	32	1108	13 1/4	14	37	8
216	27 3/4	15	17	594	27 1/4	17 1/2	26	1402	11 3/4	13	35	3
217	27 1/2	16	18	576	28	16 1/2	32	792	11 3/4	13	50	11
218	31 3/4	16	17	1104	32 1/4	17 1/2	28	958 1/2	13	12 1/2	23	12
219	22	16	17	192	22 1/4	18	25	540	9 1/4	14	48	12
220												
221	33 3/4	16	26	432	34 1/4	17	28	160	14 1/4	13	61	9
222	24 1/4	15	23	1296	28 3/4	16 1/2	26	672	12	14	56	11
223	34	15	24	1368	36 1/4	17 1/2	31	769 1/2	12 1/4	10	45	11
224	33 1/2	15	24	738	34	16	26	768	14 1/4	10	59	4
225	34	14	16	912	34	15 1/2	23	1362	14 1/2	12	36	3
226	33 1/4	16	22	288	33 3/4	17	27	1539	14	12	30	11
227	33 3/4	13	18	686	34 1/4	16	24	1272	14 1/4	11	52	3
228	30	15	14	108	36 3/4	18	34	1296	12 3/4	13	48	4
229	22	21	32	144	29 1/4	21 1/2	34	1538 1/4	9 1/4	17	45	10
230												
231	21 1/4	15	13	486	21 3/4	16	15	1324	9 1/2	12	31	6
232	32 1/4	14	18	1656	34	15	23	361 1/2	16 1/4	9	32	12
			4166	1291							9647	8
												15

Number	Pough measurement		Cubical contents		Overseer's measurement as it was paid to the contractor		Cubical contents		Dockyard measurement		Contents	
	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.
233	33	16	466	1291	33 1/2	16	8 1/2	31	114 1/2	12	9647	8
234	32 1/2	17	22	"	33	18	8	33	"	12	56	"
235	21 1/2	14	15	396	33	18	8	33	13 1/2	10	28	7
236	21 1/2	9	19	54	22	15 1/2	9	21	9	11	28	10
237	21 1/2	14	12	936	29 1/2	15	10 1/2	32	9 1/2	"	30	"
238	25	14 1/2	15	180	21 1/2	14 1/2	7 1/2	16	735 1/2	10	43	3
239	27	15	19	2100	33 1/2	17	7 1/2	29	1525 1/2	"	55	"
240	32 1/2	16	20	24	33	15	8	27	864	13	88	6
241	33	13	22	594	34	15	6 1/2	23	36	"	67	4
242	30 1/2	15	17	1404	34	17	9	36	216	10 1/2	48	"
243	29 1/2	12	14	1512	30	13	7	18	1636	9	33	5
244	21 1/2	16	19	576	22	15	7	16	72	10	23	1
245	27 1/2	13	12	714	28	15	7	20	720	12	22	6
246	16 1/2	11	6	357	16 1/4	12	6	8	648	9	15	9

247	28 1/4	14	16	1332	28 1/4	14	6	16	1332	9	24	9
248	27 1/2	16	18	288	27 1/2	16 1/2	7	22	445 1/2	11 1/2	20	9
249	31	17	21	1656	31	18	7	26	432	13	15	6
250	33 1/2	15	20	1620	34	18 1/2	8	34	1632	14 1/2	2 1/2	"
251	21 1/4	13	9	1023	21 1/2	14	6 1/2	13	1014	9	18	9
252	35	17	37	324	35 1/2	17	8	33	912	12	39	"
253	34 1/2	14	16	1542	35 1/2	14 1/2	6 1/2	23	406 1/2	14 1/4	5 1/2	1
254	36	17	38	432	36 1/2	17	8 1/2	36	1082	15 1/2	62	"
255	33 1/2	14	16	72	33 1/4	16 1/2	6	22	1485	14	44	11
256	21 1/2	14	19	576	22 1/2	17	8 1/2	22	999	8 1/4	35	4
257	20 1/4	14	17	108	28 3/4	17	9 1/2	32	421 1/2	11 1/2	40	3
258	27 1/2	15	17	324	28 1/4	16 1/2	7 1/2	24	479 1/4	11 1/4	68	6
259	27 1/2	14	13	1484	29	16	6	19	576	12	30	"
260	28 1/4	14	22	1152	34 1/2	17 1/2	6 1/2	27	426 1/2	14 1/2	58	"
261	34	"	"	"	28 1/2	15 1/2	8 1/2	25	463 1/2	"	"	"
262	33 1/4	13	15	15	33 1/2	16 1/2	6 1/2	24	1642 1/2	14	29	2
263	32 1/2	14	12	1104	33	15 1/2	6	21	540	11	33	"
264	32 1/2	"	"	"	"	"	"	"	"	"	"	"
265	32 1/2	"	"	"	"	"	"	"	"	"	"	"
			4697	16							10827	9

Runners	Pough measurement		Cubical contents		Overseer's measurement as it was paid to the contractor		Cubical contents		Barley Docky and measurement		Contents	
	F	S	F	S	F	S	F	S	F	S	F	S
266	34	14	4697	16	34 3/4	15 1/2	6 1/2	34	540 3/4	14 1/2	11	10827
267	32 1/2	15	29	1460	33 3/4	16 1/2	6 1/2	24	3320 3/4	14	12	52
268	34	15	17	1224	34 1/4	16	6	22	1460	16 1/2	10	52
269	29 3/4	14	17	612	29 3/4	16	7	23	340	11 1/4	12	24
270					35	17 1/2	6 1/2	27	149			56
271	26 1/2	13	11	1162	28 1/2	14	6 1/2	18	18	12	10	21
272	30 1/4	15	22	729	31	15 1/2	8	26	1210	12	12	48
273	33 1/2	13	15	210	34	14	6	19	1460	14 1/2	11	51
274	28 3/4	14	16	1532	29 1/4	14	7	19	1516	12 1/2	11	33
275	23	14	12	1440	22 1/2	15	7 1/2	17	949	8 1/2	11	33
276	32	17	20	1148	36 1/4	19	9	13	81	14 1/2	13	57
277	31 1/2	15	22	1674	32 3/4	16	7 1/2	27	584	11 1/2	12	50
278	34 1/4	17	20	885	25 3/4	16	7 1/2	21	792	16 1/2	14	30
279	33 1/2	14	29	510	33 3/4	15 1/2	7 1/2	27	225 1/2	13	10	32
280	33 3/4	15	21	162	34 1/4	15	7 1/2	26	1309 1/2	16 1/4	12	42
281	28 3/4	15	17	549	24	16 1/2	8	22	10	12	12	40
282	33 1/2	14	16	492	33 3/4	15	6	34	760	11 1/4	10	20

283	21 1/2	15	15	1170	31	20	8	34	760	9 1/2	12	41	8
284	25 1/4	20	35	1320	26	19 1/2	10 1/2	19	445 1/2	11	14	51	4
285	32 3/4	15	23	1521	32	17	7 1/2	28	526	11 3/4	13	50	11
286	27	17	18	312	22 1/2	17	7 1/2	19	1593	9 1/4	14	53	8
287	27 3/4	15	20	405	28	15 1/2	7 1/2	22	1044	11 1/4	12	29	8
288	21	18	24		21	19	7 1/2	20	1350	8 3/4	15	43	
289	25	14	14	24	25	15	7 1/2	19	918	10 3/4	11	39	5
290	29 3/4	12	12	1512	29 1/2	12	6	14	1296	12 1/2	9	24	14
291	21 1/4	17	22	999	27 1/2	18	9	24	324	9	15	78	
292	32 3/4	16	29	192	33 1/4	17	7	27	825	11	12	60	
293					34 1/2	18 1/2	8 1/2	27	105 1/2				
294	31 1/4	13	11	804	32	13	8	23	492	13 1/2	10	28	8
295	24	14	14		24 1/4	14 1/2	8	19	924	10	14	33	
296	22	15	16	72	22 1/2	16 1/2	8 1/2	21	1579 1/2	9 1/4	13	30	8
297	22 1/4	14	12	1692	22 3/4	14	7 1/2	16	1017	9 1/4	11	33	
298	27 1/4	15	13	486	31 1/2	16 1/2	7 1/2	18	523 1/2	9	12	27	
299			5278	1360								12157	2
													7

Inches	Diameter measurement		Cubical contents		Oversize measurement as it was raised to the diameter		Cubical contents		Diameter measurement		Cubical contents	
	F	I	F	I	F	I	F	I	H	D	H	D
300	29 1/2	14	5278	1360	30	14	8	720	13 1/2	11 1/2	12157	2
301	29 1/4	14	17	360	21	15	20	720	13 1/2	11 1/2	53	10
302	28 3/4	13	11	1404	21	15	16	720	8 3/4	12	26	3
303	28 3/4	13	12	1249	29 1/4	14	14	1566	12 1/4	10	35	6
304	28 3/4	14	13	1224	23 1/4	14 1/2	18	1608	10	12	40	"
305	28	13	16	741	21	14 1/2	18	564	11	11	20	"
306	28	13	7	1632	22 1/4	14	12	1692	9 1/4	10	19	4
307	28 1/4	13	20	206	26 1/4	17	26	1023	11	13	35	9
308	28 1/4	13	23	114	37 1/4	14	28	1680	13 1/2	10	26	3
309	27 1/2	14	16	1086	33 1/4	17 1/2	34	2772				
310	27 1/4	13	10	1635	22 1/4	16 1/2	19	752	9	12	15	"
311	27 3/4	13	16	190	24 3/4	13 1/2	18	912	10 1/4	9	15	4
312	25 1/4	15	24	423	30 1/4	16	22	1188	12	10	30	"
313					23 1/4	16	18	480	12	5	70	"
314	30 1/2	14	17	1368	33 3/4	16	31	288	13	9	4	8
315	31	15	15	100	32	14	20	310 1/2	13 1/2	11	24	8
316	28 1/2	15	21	509	32 1/2	15	24	259	9 1/2	13	29	8
317	27 1/2	15	29	1299	28 1/2	19	33	925	11 1/2	14	5	12
318	27 1/2	15	13	1549	22 3/4	16 1/2	24	1320 1/2	9 1/4	14	1	"
319	28 1/4	16	16	1270	31 1/4	16 1/2	21	317 1/2	8 1/2	13	2	8
320	28 3/4	16	20	132	30 1/2	19	36	378	13	15	2	"
321	28 3/4	16	20	824	28 3/4	18	22	624	12	12 1/2	1	"
322	27 1/2	15	16	72	27 3/4	18	20	72	11 1/2	9	1	8
323	32 3/4	15	20	810	32 1/2	17	26	2482	13 3/4	12	5	"
324	29 1/4	16	19	864	29	16	22	960	12 1/2	12	8	"
325	28 1/4	16	23	960	26	16	20	884	11 1/4	12	6	"
326	28 3/4	16	16	1332	29	15	21	252	9 1/4	11	25	4
327	24	15	12	864	24	15 1/2	16	1368	10	12	35	"
328	29	16	18	216	26 1/2	15 1/2	19	1671	7 3/4	12	31	"
329	33	16	22	5	33 1/2	18	31	202	11	13	15	"
330	31	16	16	252	31	15 1/2	23	618	10 1/2	12	30	"
331	33 1/4	15	27	1224	34 1/4	15 1/2	30	1518 1/2	12 1/4	12	57	"
332	22 1/4	14	10	1400	22 3/4	15	14	378	9 1/2	11	26	8
333	32 1/4	15	16	1602	33	15	24	100	13 3/4	13	37	14
334	23 1/2	17	19	726	24	17 1/2	23	576	10	14	58	"
			5861	40					1		13460	10
												5

Index	Rough measurements		Cubical contents		Diameter measured as it was laid to the contractor		Cubical contents		Donkey measurement		Contents	
	F	V	F	V	F	V	F	V	F	V	F	V
335	22 1/4	17	5861	40	33 1/2	17 1/2	28	493 1/2	13 3/4	13	12460	5
336	25 1/2	12	19	63	26	14	15	288	11	10 1/2	44	4
337	22	17	14	1080	23	18 1/2	22	1104	9 1/2	13	28	8
338	22	17	15	1008	22 1/4	17	22	1458	13 3/4	11	30	12
339	28 1/4	16	18	1536	29 1/2	16 1/2	21	216	11	11	25	8
340			15	1460	35	16	23	576			20	"
341	21 1/4	17	15	702	22	17 1/2	21	672	9 1/2	15	57	12
342	28 1/2	14	16	1080	29	14 1/2	23	824	12	11	25	"
343	26 1/2	17	18	1638	27 1/2	15	22	1224	11 1/2	12	61	8
344	21 1/2	13	9	1443	22 1/2	14	15	540	9 1/2	10	33	8
345	29 1/4	14	14	378	29	15	18	216	11 1/2	10	23	8
346	21 1/2	13	9	1218	22	13 1/2	11	594	9 1/2	10	23	8
347	31	14	15	120	22	14 1/2	19	576	13 1/2	11	26	12
348	33 1/4	14	19	1188	34 1/4	14 1/2	20	1187	14 1/2	12	23	8
349	21 1/2	15	13	756	22	16 1/2	16	684	9	11	30	"
350	28 1/4	15	14	1293	29	16 1/2	19	1620	12	13	22	13
351	21	14	14	504	19 1/2	16 1/2	17	1512	8	13	24	"

Index	Rough measurements		Cubical contents		Diameter measured as it was laid to the contractor		Cubical contents		Donkey measurement		Contents	
	F	V	F	V	F	V	F	V	F	V	F	V
352	23 1/2	14	16	1092	22 1/2	16 1/2	21	822	14	10	23	8
353	29	13	13	156	30	14	18	1656	10 1/2	10	33	8
354	23 1/2	13	14	1548	28	14	16	576	11 1/2	10	29	8
355	24 1/4	16	14	1008	26 1/2	16	19	552	10	13	43	"
356	29	16	19	876	21 1/2	16	19	192			23	8
357	29	16	19	876	30	16 1/2	18	1566	12 1/2	13	23	8
358	27 1/4	14	10	2052	24 1/2	14	16	72	11 1/2	10	19	"
359	27 1/4	14	13	846	28 1/2	14 1/2	17	378	12	10	30	"
360	27 1/4	14	18	918	27 1/2	16 1/2	21	1476	5		52	"
361	28	19	18	816	27 1/2	17	29	837	12	13		"
362	31 1/2				33 1/2	16	29	960				"
363	33 1/2	18	33	864	33 1/2	18	31	702	14 1/4	15	62	2
364	20 1/2	15	8	936	20	15 1/2	13	1716	8 1/4	12	17	8
365	27 1/4	15	11	333	27 1/2	15	20	90	11 1/2	12 1/2	41	8
366	27	14	13	916	27 1/2	14 1/2	16	1323	11 1/2	11	31	7
367	21 3/4	14	13	1188	22	15	16	72	9 1/4	10	23	8
368	21 1/4	12	7	144	21	14	13	468	9	9	13	"
				6915							1487	2
				1360								13

Index	Rough measurement		Cubical contents		Diameter measured as it was laid by the contractor		Cubical contents		Diameter of the inside of the barrel		Contents	
	F	V	F	V	F	V	F	V	F	V	F	V
369	27 1/2	17	6315	1360	25	14	14	1004	12	13	1448 1/2	2
370	33	16	22	1611	30	18	39	644	14	13	13	2
371	32	18	29	576	35	17	27	468	14	13	91	6
372	29 1/2	15	24	1534	33 1/2	16 1/2	32	1844	15 1/2	12	67	6
373	29 1/2	15	12	639	32	16	32	..	..	..	25	..
374	30 1/4	15	13	1566	30 3/4	15 1/2	17	895	10	12	38	3
375	21 1/4	17	12	1449	29 1/2	17	16	198	9 1/2	13	36	4
376	33 1/4	15	17	549	33 1/2	16	22	576	14	11	38	6
377	29 1/2	15	30	1260	30	15 1/2	32	504	12 1/4	13	98	..
378	33	16	14	526	33	15	20	1080	10	12	30	..
379	32 1/4	18	23	1296	33 1/4	16 1/2	24	644	12 1/4	15	75	7
380	30	16	17	576	24	16	24	..	11	13	35	9
381	26	16	16	17	32 1/2	17	38	636	10 1/4	13	52	4
382	25 1/2	14	16	324	28 1/2	14	18	1056	11	11	20	2
383	27 1/4	14	14	648	27 1/2	15	22	1584	11	12	44	..
384	27	16	17	1536	24	17	21	432	9 1/4	13	40	1
385	33 1/4	16	25	1440	32 1/2	17	38	636	10 1/4	13	52	4
386	27 1/4	14	16	324	28 1/2	14	18	1056	11	11	20	2
387	23	16	17	1536	24	17	21	432	9 1/4	13	40	1
388	33 1/4	16	25	1440	32 1/2	17	38	636	10 1/4	13	52	4

389	34 1/4	14	19	1692	33 1/4	13 1/2	21	1701	14 1/4	11	39	4
390	28	17	23	240	24	17 1/2	27	384	11	13	71	6
391	34 1/4	15	21	702	34 1/4	16	27	48	12 1/4	12	50	..
392	24 1/2	17	24	1035	30	18	33	1296	12	10 1/2	57	9
393	32 1/4	16	25	480	31 1/4	17	31	1053	13 1/4	13	74	5
394	34 1/4	15	21	702	34 1/4	15	27	256 1/2	14 1/2	11	53	2
395	25 1/2	16	19	1440	26 1/4	16 1/2	22	965 1/2	9 1/4	12	47	6
396	36	13	27	1080	36	15	31	1532	15 1/4	10	76	3
397	32 1/4	17	33	504	35	16	29	288	15	13	48	9
398	27 1/4	17	32	804	27 1/4	16	24	1152	11 1/4	11	84	4
399	..	..	..	..	33 1/4	16	30	..	..	..	..	..
400	28	16 1/2	22	792	34 1/4	16	26	1440	12	13	71	6
401	24	17	22	1152	24 1/4	18	32	837	10 1/4	14	59	9
402	..	..	..	..	29 1/4	16 1/2	39	1163 1/2	..	..	..	..
403	..	..	..	..	32 1/4	17	26	1482	..	..	..	..
404	33	16	22	..	33	17 1/4	28	126	14	14	49	..
405	33 1/4	17	19	1593	34 1/4	18	24	54	14 1/4	14	49	10
406	33	14	16	72	22 1/4	15	18	1656	13	12	39	..
407	35 1/4	16	23	864	35 1/2	14 1/2	21	774	15	12	52	6
			7052	46							16274	10
												1

Rough measurement	Cubical contents		Overseer's measurement as it was paid to the contractor		Cubical contents		Bamby Dockyard measurement		Contents
	Off	On	Off	On	Off	On	Off	On	
415	33 1/2	16	7052	46	33 3/4	15	13	16274	10
416	34 1/2	13	22	576	28	15	14	60	8
417	29	13	20	1008	24	16	11	53	5
418	33 1/2	16	22	438	24 1/2	17	10 1/4	61	5
419	28	17	24	336	34 1/2	17 1/2	13	84	10
420	32 1/2	17	29	1296	27 1/2	18	14 1/4	70	14
421	27 1/2	16	25	816	32 1/2	15	12	54	5
422	27 3/4	16	15	720	28 1/2	15	13	49	10
423	24 3/4	14	13	1686	29	15 1/2	11 1/2	44	11
424	36	17 1/2	30	1710	34 1/2	19	14	101	6
425	36 1/2	15	21	1242	34 1/2	14 1/2	12 1/2	60	9
426	27 1/2	16	21	672	27	15	14	68	8
427	34 1/2	12	17	216	34	11	9	21	9
428	33 1/4	15	17	549	32	16 1/2	13	33	9
429	31 1/4	15	16	927	38 1/2	15	11	35	9
430	33 1/2	15	20	1620	38	15	12	35	9
431	32 1/2	17	23	36	32	16	14	40	10
432	28 1/2	19	31	12	21 1/2	16	15 1/2	98	9
433	28 3/4	15	17	1674	29	16	12	49	9
434	32 1/2	12 1/2	25	675	35 1/2	15 1/2	9 1/2	70	9
435	34	17 1/2	20	120	34	17	14 1/2	49	8
436	21 1/4	15	13	1026	21 1/2	14	11	33	11
437	31 1/4	14	12	264	31	16 1/2	10	33	1
438	22 3/4	17	18	1383	22 1/2	17	12	19	6
439	33	13	16	646	33 1/2	18	10	46	8
440	32	16 1/2	28	768	35	17	13 1/2	89	4
441	25 1/4	15	26	522	25	16	12	54	5
442	33	13 1/2	24	1296	34	14 1/2	11	77	0
443	31 1/4	10 1/2	24	1197	34 1/2	13	8	29	9
444	33 3/4	16	26	232	34	15	11	38	6
445	34 1/4	16	22	1240	34 1/2	17	12	51	7
446	28 3/4	15	20	1665	27	17 1/2	12	36	9
447	29 1/4	17	20	1242	39 1/2	17 1/2	13	53	1
448	20 1/2	15	10	1170	31	16	11	24	12
449	28 1/2	15	20	1665	28	15 1/2	10	30	7
450	33 3/4	13	15	405	33 1/2	16 1/2	10	47	6
451	21 1/4	13	13	1074	21	14 1/2	11	20	7
452	33	18	16	864	33	17	14	40	10
453	33 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
454	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
455	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
456	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
457	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
458	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
459	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
460	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
461	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
462	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
463	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
464	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
465	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
466	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
467	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
468	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
469	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
470	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
471	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
472	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
473	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
474	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
475	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
476	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
477	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
478	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
479	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
480	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
481	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
482	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
483	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
484	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
485	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
486	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
487	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
488	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
489	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
490	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
491	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
492	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
493	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
494	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
495	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
496	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
497	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
498	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
499	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2
500	32 1/2	12 1/2	25	562	35 1/2	15 1/2	9 1/2	18134	2

Number	Pough measurement		Cubical contents		Overseer's measurement as it was paid to the Contractor		Cubical contents		Donkey measurement		Contents	
	F	V	F	V	F	V	F	V	F	V	F	V
446	30 3/4	15	78 1/2	56 2	34	17 1/2	7 1/2	37	16 1/4	14 1/4	18 1/4	2
447	27	17	37	15 3/4	22	16	8 1/2	23	13 1/4	14	80	1
448	32	16	28	36 8	30	16	7	24	19 2	14	48	6
449	35 1/2	15	25	35 3/4	33 1/4	15 1/2	6	23	15 3/4	39	56	1
450	28	17	18	31 2	32	17 1/2	7	29	23 3/4	14	45	.
451	28 1/4	16	17	16 3/4	28 1/2	15 1/2	7	31	31 1/4	12	60	.
452	28 3/4	15	17	16 3/4	29	16	7 1/4	24	28 8	12	48	.
453	34 1/2	17	28	34 1/2	24	15	6	21	9 7/2	11	54	.
454	21	15	10	16 2/3	20	15	5 1/2	12	8 6/4	4	50	2
455	21 1/4	16	11	15 9/2	21 1/2	16 1/2	8	13	9 4 1/2	5	19	5
456	32	17	22	11 5/2	32 1/4	18	8	32	12 9/6	14	80	.
457	28 3/4	14	28	9 5/7	29	14	8 1/2	23	16 6/8	11	67	8
458	34	17	28	16 8	34 1/4	14	7	28	5 2/4	14	67	8
459	28 1/4	17	23	14 6/4	25	16	10 1/2	29	5 8/8	10	46	.
460	30 3/4	16	26	4 3/2	24 1/2	16 1/2	6 1/2	25	8 7/9	14	66	6
461	34	14	19	14 4/10	34 1/2	15	6	21	10 3/4	11	34	5
462	38	17	27	26 4	26 1/2	16 1/2	10	26	9 3/4	12	48	9
463	29	15	15	18 0	29 1/2	15 1/2	7	22	12 1/4	12	49	.

464	30 3/4	15	13	14 7/6	33	16	6	22	18 3/4	10	34	8
465	29 1/2	16	24	10 8/8	31	16	7	24	16 1/2	13	87	.
466	34 1/4	18	30	27 1/2	35 1/4	17	8 1/2	35	14 3/4	12	59	.
467	30 1/4	14	17	14 6	31	15	6	19	12 3/4	11	35	12
468	35	18	14	7 5/6	32 1/2	19	7	30	14	14	40	.
469	30 1/4	19	20	16 3/8	28	18	7	24	11 1/2	15	57	6
470	30 3/4	22	22	10 8/6	33 3/4	16 1/2	8	30	12 1/4	11	50	6
471	31 1/4	14	12	26 4	31 1/4	14	6	18	13 1/4	11	30	4
472	31 1/2	15	10	21 6	31	15	6	19	13	11	35	8
473	32 1/4	18	24	32 4	32	19	7	29	12 3/4	13	37	14
474	30 1/2	16	13	9 6/10	30 1/2	15	6	19	13	11	35	.
475	29 1/4	15	18	4 8/6	29	15	6	18	12	12	36	.
476	31 1/4	16	17	11 4	32 1/4	17	7	26	13 1/2	14	60	6
477	29 1/2	15	18	12 6	32 1/4	17	6	21	12 6/4	10	34	6
478	31 1/2	17	21	12 6	34 1/2	15 1/2	9	33	14 1/2	11	33	12
479	30 3/4	14	14	13 2/3	34	15	6	31	14 1/2	11	30	.
480	30 3/4	14	14	13 2/3	34	15	6	31	14 1/2	11	30	.
481	30 3/4	14	14	13 2/3	34	15	6	31	14 1/2	11	30	.
482	30 3/4	14	14	13 2/3	34	15	6	31	14 1/2	11	30	.
483	24	13	10	14 4/10	24 1/4	15	7 1/2	18	15 3/2	9	30	4
			802	697							19788	11

Number	Trough measurement		Cubical contents		Inverted measure multiplied by 1/2 to the contents		Cubical contents		Outlay Stock by photo measurement			Contents	
	F	V	F	V	F	V	F	V	F	B	B	F	B
483			8502	697				10				19785	11
484	24 3/4	16	10	1296	2 5/4	16 1/2	21	1208	10 1/2	10	4	45	6
485	20	15	15	1080	3 5/4	16	30	288	12 3/4	12	2 1/2	31	10
486	24	15	17	1224	3 3/4	14 1/2	25	1170	10 1/4	12	3	39	7
487	26 1/2	14	14	1428	3 1/4	15	49	648	10	12	4	52	7
488	26	16	13	576	2 5/4	16	117	288	12 1/4	12	2	24	6
489	22 1/2	15	10	906	3	16	22	4	12 3/4	12	3	41	3
490	29	11	17	1248	29	17	23	1668	12 1/4	9	6	55	1
491	25 3/4	17	29	909	36	18	31	864	15	13	5	81	3
492	27 1/2	16	15	480	27 3/4	16	20	67	9 1/2	12	3	38	6
493	20	14 1/2	7	954	34 1/2	15	23	621	12 3/4	11 1/2	2	24	5
494	24	14	19	1440	35	17 1/2	27	1119	14 1/2	11	4 1/2	59	9
495	23	15	17	324	33 1/2	15	20	1620	14	12	2 1/2	35	3
496	21 1/2	16	21	672	28	16	24	1536	11 3/4	12	2	23	6
497	24 3/4	19	41	459	34 1/4	19 1/2	32	1624	14 1/4	16	4	78	3
498	24 1/2	15	21	972	34 1/2	15 1/2	22	486	12 3/4	12	3	38	3
499	26	16	28	1536	31 1/4	15 1/2	30	472 1/2	11	13	4	47	8
500	29 1/2	16	22	1632	28	15	20	720	12 1/4	12	3	36	9
501	28 3/4	16	25	960	28 3/4	14	16	1332	12 1/4	12	4	49	3
502	27 1/4	13	12	579	27 1/4	14	18	1520	11 3/4	13	3 1/2	137	3
503	23 1/2	14	12	768	32 1/2	13	11	1272	13 1/2	16	3	137	1
504	21 1/2	18	18	1404	21 1/2	18	18	1404	9	13	4	39	3
												20695	2
												5484 1/4	

Holls,

Cubic feet

The Spring is
with Condensation

1884

Enclosure No. 2.

In a letter from the
Offs. Commr. of Forests
dated 9th April 1884
No. 877

Memorandum Submitting
the Rough, the
Overseer's and
Bomelay Dorky and
Measurement of Chinese
Rowler's Planks

Rev. G. L. 1/6/84

P. 11th May 1884
Q. 11th 227

B 153-154

Rev. No. 941.

1. In this letter the Offi-
ciating Conservator of
Forests reports the results
of the measurement
of certain planks which
were cut under Capt.
Brine's orders in the
course of 1861.

2. The history of these
planks is briefly record-
ed in G.O. 16 March 1863
No. 524. paras 1-5 and
11-15 inclusive.

G.O. 13 April 1863
No. 646.

G.O. 21 July 1863
No. 1359.

3. At Capt. Beddome's
suggestion the examina-
tion was postponed till
the planks could be
floated to Dornai; and
indeed, where or when they were originally cut.
Capt. Brine was sub-
sequently informed that
if he did not himself
attend or depute some-
one to be present on
his behalf, the Govt.
could not allow the cor-
rectness of the mea-
surements to be ques-
tioned.

4. The enclosures to Capt.
Beddome's letter consist
of a report by the Assistant
Conservator Thomas
Spring who conducted

The measurements; a memorandum shewing (1) the rough (2) the Overseer's and (3) the Bombay Dockyard measurements of the planks; and a certificate by the Bombay Timber Agent who was present during the investigation.

5. The original contract was for 500 planks to be delivered at the foot of the Colingode Timber Ship at the rate of one Rupee per cubic foot. 504 planks were actually ~~delivered~~ cut and paid for. Of these 35 have not yet been found. The rough measurement of the 469 planks which have been examined shewed a cubical content of 8907 feet. The measurement at which they were paid for (supposed to be dockyard measurement) is cubic feet 10,858; and the real dockyard measurement 5484 feet.

Planks	Bombay Dockyard measurement cubic ft.	No	a	p
469 measured	5484 $\frac{1}{4}$	5484	4	0
35 estimated	411 $\frac{1}{4}$	411	4	0
504	5895 $\frac{1}{2}$	5895	8	0

11,877-0-5
5895-8-0
* 5,981-8-5

Captain Beddome points out that the fact of the Overseer's measurement being in excess of the rough measurement shews how fraudulent the whole transaction must have been.

6. The amount actually paid to the Contractor for the 504 planks was Rs. 11,877-0-5 tho' the correct total of the Overseer's measurement is 11,856 cubic feet and ~~11,877~~ not 11,877 ~~and~~. The amount which should have been paid at the contract rate is calculated by Capt. Beddome at Rs. 5895-8-0. An excess payment was therefore made amounting to Rs. 5,981-8-5.

7. The total cost to Govt of these planks is calculated in para 6 of the Conservator's letter at Rs. 15,367-8-5 which would give

Rs. 30-8-0 or thereabouts
as the price of each
plank and Rs 2-8-0
odd as the cost of
each cubic foot of
timber.

8. The present market
value of the planks
at Ponani is stated
by Mr Spring to be
Rs. 1-14-0 per cubic
foot ~~less~~ on which
the merchants seek
a deduction of 10
per cent. The total
proceeds then of
the 504 planks w^d
be about Rs. 9950
and the net loss to
Govt on the transac-
tion Rs. 5417 odd.

9 Mr Cabral, the
Bombay Government
Timber Agent vouches
for the correctness
of Mr Spring's mode
of measurement
and for the "more than
usually defective" cha-
racter, and bad
trimming of the
timber.

10. Though Capt. Bruce
is responsible for

15367
9952
+ 5417

the money. Having as
it appears paid
to the contractors
the large sum of
Rs. 11,877 "without
" taking the usual pre-
" caution of checking
" some of the measure-
" ments or without
" even having seen
" one of the planks"
as well as for enter-
ing into the contract
without permission
and at unusually
high rates, there is
another individual,
Mr Lemon, the Over-
seer, as much, if
not more, to blame.
This man gave the
measurements
upon which the
money was paid.
He had a high cha-
racter as Overseer
and has since been
promoted to the
charge of the Kurun-
range as Sub Advis-

tant Conservator
and has done very
good service there.
Capt. Beddome con-
siders that he has
wilfully falsified the
measurements in
collusion with the
Contractors. being
unable to resist
the temptation af-
forded him by
so large a transac-
tion being left en-
tirely in his hands
by Capt. Brine.

11. In para 14. G.O. 16
March 1863. No. 524.
The Government resolved
to await the result
of the remeasurement
of the planks before
determining whether
Overseer Lemon
should be called
upon for any ex-
planation. Now
that this measure-
ment has been car-
ried out there seems
ample reason for

to a criminal prosecution.

G.O. 16 March 1863.
No. 524. p. 15.

- such explanation
being required. It may
be a question whether
he should not be
suspended pending
further orders. ^{whether}
^{he has not rendered himself liable}
12. It has already been
decided that Major
Brine should be held
responsible. The pre-
sent papers do not put
matters in a more
favorable light as
far as he is concern-
ed. Capt. Beddome re-
marks in para 7
cannot understand
Capt. Brine's reasons
for refusing to super-
intend the measure-
ment of the planks
or what can have in-
duced him to make
such a large pay-
ment without taking
the usual precau-
tions of at least
checking some of
the measurements
particularly as
he must have seen
that he was paying
for the planks.

at an average size far greater than any previous year's yield: he must besides have seen that he was paying upwards of 20 Rs for each plank, good, bad, or indifferent, when previously even first class planks had not cost one third of this sum. The simplest calculation must have shown him that if the cost of the establishment did superintendence were added to this, the forest could only be worked at a loss."

before dealing with Major Brine who appears to have been grossly neglected in the performance of his duties, and I should call upon him to make the amount paid to the Contractor in excess of the value of the timber purchased be paid as a loan to the Government by monthly instalments.

[Signature]

Now we have established the fact of the content of the Planks - we have had all the explanations which Major Brine can afford.

13 I suppose that Major Brine need not be called upon for further explanation?
14 Will Government await the result of any explanation which Mr Lemon may have to offer before passing final orders in regard to Major Brine? or will they at once declare him liable & make good the loss he has incurred, & if so to what extent?

I think that Mr Lemon should be told that the Planks stated by him to measure a given No of cubic feet, having been carefully examined have been found to contain but little more than half the quantity - I should suspend him now, and call upon him to show cause why he should not be dismissed. I don't think that it would be necessary to wait the result of his explanation.

No further explanation seems required from Capt Brine - He paid away Rs 5982^{more} than he ought to have done by his own contract!

Mr Lemon should, I think, be at once suspended and allowed a stated period - say 3 months, as he is at Kurnool to submit any defence he may wish to make - though in the face

I would call upon him for explanation of his very unaccountable conduct within a stated period - but I would not suspend him - I would only suspend him for some time & give him an opportunity of explaining his conduct. I am sure that Mr Lemon is only a man who has been misled by the Contractor & has been deceived by him. I am sure that Mr Lemon is not a dishonest man, but that he has been misled by the Contractor. I am sure that Mr Lemon is not a dishonest man, but that he has been misled by the Contractor. I am sure that Mr Lemon is not a dishonest man, but that he has been misled by the Contractor.

in pass final order
regarding either Officer
JP

Revenue Department
N^o 827.

Proceedings of the Madras Government
Under date the 14th May 1864

Read the following
letter from the officiating
Conservator of Forests

Forwarding the correct
measurements of the contract
Planks cut by Captain
Brine in the Annamallays.

(Here enter 9th April 1864
N^o 877)

The result of the
re-measurement of
certain Planks cut
by Captain Brine in the
Annamallays.

In the foregoing
letter the officiating Con-
servator of Forests reports
the result of the re-measure-
ment of certain Planks
ordered in para 14 G.O. 1st
March 1863 N^o 524.

2. At Captain
Beddome's suggestion the
examination was postponed
till

* G.O. 13th April 1863 N^o 646.

till the planks could be floated to Ponany, and Captain Brine, under whose orders they were originally cut, was subsequently informed that if he did not himself attend, or depute some one to be present on his behalf, the Government could not allow the correctness of the measurement to be questioned.

3. The enclosures to Captain Beddome's present letter consist of a report by Mr. Assistant Conservator Thomas Spring who conducted the measurements; a memorandum shewing (1) the rough (2) the Overseer's and (3) the Bombay Dockyard measurement

* G. O. 21st July 1863 H41359

28
measurement of the planks and a certificate by the Bombay Timber Agent who was present during the investigation.

4. The original contract was for 500 planks to be delivered at the foot of the Colingode Timber Slip at the rate of one Rupee per cubic foot - 504 planks were actually cut and paid for. Of these 35 have not yet been found - the rough measurement of the 469 planks which have been examined shewed a cubical content of 8907 feet: the measurement at which they were paid for (supposed to be dockyard measurement) is cubic feet

0,858; and the real dock-
yard measurement 5484
feet. Captain Beddome
points out that the fact
of the Overseer's measurement
being in excess of the rough
measurement shows how
fraudulent the whole
transaction must have
been.

5. The amount actu-
ally paid to the Contractor
for the 504 planks was
Rs. 11,877-0-5 tho' the correct
total of the Overseer's mea-
surements is 11,856 cubic
feet and not 11,877. The

amount which should
have been paid at the
contract rate is calculated
by Captain Beddome at
Rs. 5895-8-0. An excess
payment

Planks	Bombay dockyard measure Cubic feet	Rs.	As.	P.
469 measured	5484 1/4	5484	4	0
35 estimated at	41 1/4	41	4	0
504	5895 1/2	5895	8	0

$$\begin{array}{r} 11,877-0-5 \\ 5895-8-0 \\ \hline * 5,981-8-5 \end{array}$$

29
payment was therefore
made amounting to Rs.
5,981-8-5.

6. The total cost to
Government of these planks
is calculated in para 6 of
the Conservator's letter at
Rs. 15,367-8-5 which would
give Rs. 30-8-0 or thereabout
as the price of each plank
and Rs. 2-8-0 odd as the
cost of each cubic foot
of timber.

7. The present mar-
ket value of the planks
at Porani is stated by
Mr. Spring to be Rs. 1-14-0
per cubic foot on which
the merchants seek a deduc-
tion of 10 per cent. The total
proceeds then of the 504
planks would be about

Rs.

Rs. 9,950 and the net
loss to Government
on the transaction
Rs. 5,417 odd.

15,367
9,950
5,417

8. Mr. Cabral,
the Bombay Govern-
ment Timber Agent,
vouches for the correct-
ness of Mr. Spring's
mode of measurement
and for the "more
than usually defective"
character, and bad trim-
ming of the timber.

9. In the order
quoted in para 1 the
Government resolved
to await the results
of

of the measurement of the
Planks before determining
whether Overseer Linnon,
who made the measure-
ments upon which the mon-
ey was actually disbursed,
should be called upon
for an explanation. It
appears from the Conser-
vator's Report that this
individual bore a high
character as Overseer
and has lately been
transferred to the Kurnool
range as Sub Assistant
Conservator. Captain
Beddome is of opinion
that in the matter of
these planks he must
have wilfully falsified
the measurements in

collusion with the
contractors, being unable
to resist the temptation
afforded him by so large
a transaction being left
entirely in his hands
by Captain Bruce.
10. The Government
are unwilling to pass
any decisive order regarding
this person without
giving him an opportu-
nity of explanation.
At the same time
the circumstances
of the case do not per-
mit them to leave him ⁱⁿ res-
ponsible charge of a range,
with such ~~an~~ ^{an} ~~irresponsible~~ ^{irresponsible}
hanging over him. Captain
Beadome will dis-
send him at once and
will

will call upon him to shew
cause why he should not
be dismissed. It should
be explained to him that
the plants stated by him
to measure a given
number of cubic feet having
been carefully remeasured
have been found to contain
but little more than half
the quantity - and every faci-
lity should be given him
to prepare his defence. The
Conservator will take care
that this is submitted
within ~~in~~ ⁱⁿ a reasonable
period, say three months.
11. In para: 15. G.O.
16th March 1863 No 524, the
Government remarked that
whatever failure of duty
might

might be proved against
the Overseer, they would
not consent to transfer to
him the entire responsibility
for these false measurements.

They further intimated
(Major)
that Captain Brine had not,
in the explanation then
submitted, shown any
cause for a relaxation in
his favor of the orders under
which he was declared
responsible for the trans-
action.

12. His Excellency in
Council regrets to observe
that the present Papers do
not put matters in a
more favorable light as
regards this Officer. He
finds

32
finds that not only was
the contract entered into
without permission, and
at unusually high rates,
but that Major Brine dis-
bursed a large sum (nearly
12000 Rs) without taking any
precautions by checking
some of the measurements,
or indeed without even
having seen one of the
Planks - The result is that
he has paid away nearly
6000 Rs more than were
due, even according to his
own contract. The Govern-
ment concur in these re-
marks recorded in the latter
half of para 7 of Capt
Beddome's letter under
review.

Major

13. Major Brine has already left the Forest Dept. The Government now direct that for the gross negligence which he has evinced in the performance of his duties, he be required to make good the amount paid to the Contractors in excess of that actually due to them and which sum is, as shewn in para: 5 above Rs 5981-8-5.

14. The Controller of Military ^{Accounts} Finance will take steps to deduct this sum by monthly instalments from Major Brine's Pay and allowances.

- 1- Copy to the Conservator of Forests - D.P. 16
- 3- Cash Genl
- 3- Civil Pay
- 3- Controller of Milly Accts
- 1- Major Brine

g W

30
5

20/11/11 L.S.

Revenue 1864 Departt.
No. of Govt for May.

10827.

Secy of the Madras Govt.
14th May / 64.

For one J. J. Prince & Co. Regt. N. Y.
 of 18th May 1864 C. 32 + 312.
 P. 2nd Prince " " 11 + 37

Major Price orders
to make good a sum of
\$5781.85 being the
amount paid to certain
Contractors in excess
of that actually due
to them.

to them.
 for the books
 we spent all
 General Thompson
 9

Pro. No. 20-22

1-5-62

u. S-24 - S-25

28-5-62

u 171-172

11-12-62

158-159

16-3-6.2

88-89

$$\begin{array}{r} 12 \quad 1 \quad 1 \\ \hline \end{array}$$

2000

02-83

4-7-6

~ 418-419

21-7-6

✓ 161-162

10-7

~ 307-2-0

$$\begin{array}{r} 13 \\ 220 \end{array}$$

N^o 153 & 154.