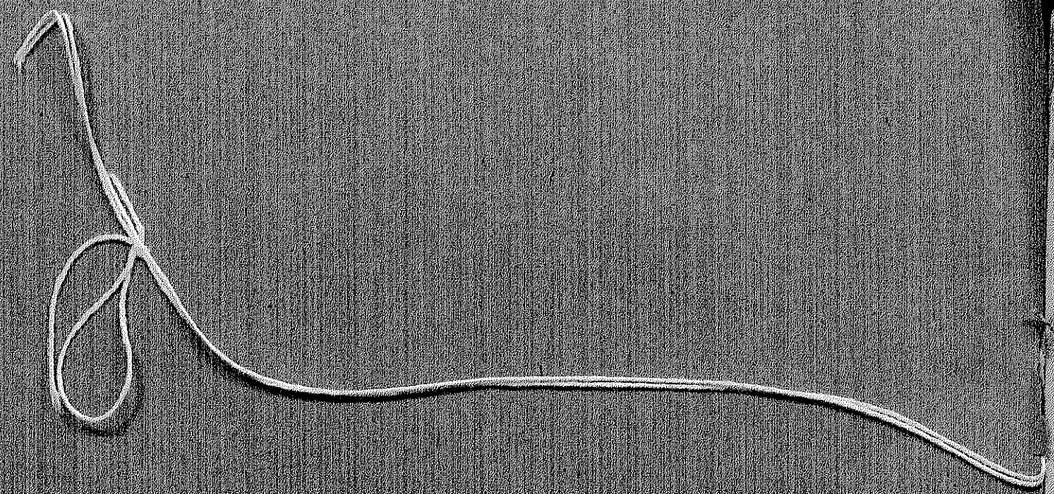
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M.R.O. 14—18,000—27-9-24.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 600 Press ~~Mis.~~

3M-3812

Dated 27. 8. 19 1952

Not to be folded or roughly handled

M.R.O. 14—18,000—27-9-24.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 601 Press ~~Mis.~~

313:324

Dated 27 : 3 : ~~19~~ 1863

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department,
31st March 1863.

No. 313. Read the following Proceedings of the Madras Government in the Military Department, dated 20th March 1863, No. 923:—

Forwarding the correspondence regarding the manufacture, by Brigadier Briggs at Bangalore, of Malt Liquor from Grain-stone in view to measures being taken to regulate the sale of the Beer and Porter to Abkarry Contractors, &c. (Vide Military Proceedings, 20th March 1863, Nos. 382—385.)

No. 314. ORDER THEREON, 31st March 1863, No. 601.

Referred to the Board of Revenue for report on the subject of paragraph 4 of this Order.

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

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

From Colonel G. Briggs, Royal Horse Artillery, Bangalore, 10th February 1863; to the Secretary to Government, Military Department, Fort Saint George.

1. The experiment of brewing Malt Liquor from Grainstone having now been carried on for more than a twelve month at this station, I feel it my duty to report progress, for the information of His Excellency the Governor in Council.

2. I began at Bangalore in December 1861, and during the first few months we used nothing but Grainstone; having no Hops, or at all events only such as I could collect from empty Casks of Commissariat Beer and Porter, and a very few lbs. of what were called "*fresh*," from Chemists in Bombay and Madras; and afterwards a small quantity of really good ones from a Hop merchant in Australia.

3. These last confirmed me in the opinion I had formed, that this bitter principle was an absolute essential addition to the Grainstone for making good Malt Liquor—at any rate so long as I have old Grainstone, which has been packed and soldered in tin cases for 4½ or 5 years. The Patentees have always maintained that Hops are unnecessary; and such may be the case with new Grainstone; but my experience convinces me that to ensure keeping as well as to improve the flavor, a pound or two of Hops must be used.

4. Our first trials then for want of this bitter were not successful, and many Hogsheads of both Ale and Porter became very "hard," and some even quite sour, so that I had little or no sale for it with the Troops.

5. In March last, it will be recollected, that a suggestion was made by Colonel Ouchterlony to use a certain proportion of Sugar with the Zelithoid, partly on economical grounds, but also because he supposed it would materially improve the Beer. Trials were accordingly made, in the course of which various proportions were added. It threw us into difficulties in connection with the fermentation, and it was also found to make the Beer exceedingly strong and heady, so that even the Soldiers complained of its stupifying (rather than intoxicating) effects. To get rid of these, alterations again became necessary, and I at last persuaded the Patentees to send out Hops. At first they did so in tins similar to those used to contain the Zelithoid; but these were, from some cause or other, little better than what we had procured in this country. I have now some very good Hops sent out in packets, and I believe we are in a fair way of making Beer and Porter superior to the Beer ordinarily procurable in up-country-stations, and (except to the palate of the Soldier whose taste, I think, has become vitiated by being long accustomed to the *intensely bitter* Malt Liquors supplied by the Commissariat) a beverage preferred by most Beer-drinkers.

* *In cask* = $10\frac{4}{20}$ *Hhds.*
In bottle = $19\frac{1}{3}$,,
Total... $29\frac{1}{3}$,,

Subsequently in January 1863 *were sold* *Hhds.*
$101\frac{1}{2}$ *Dozens* = $4\frac{5}{10}$
Also in casks. 8
Total... $12\frac{5}{10}$

6. The quantity sold during the year has been as per margin,* and the present state of affairs is, that if I had sufficient on hand and had permission to do so, I could dispose of very large quantities of both kinds; for all classes of the community, from the Officers and Gentlemen at the station, down to the poorer classes of Natives, are constantly asking to be allowed to purchase it.

7. At one time, last December, I accidentally discovered that the Natives liked it, and were willing to drink and pay for it; and without thinking of consequences, I told the Overseer to sell the inferior Beer referred to in paragraph 4, to any who chose to pay for it. The consequence was that after a few days, I was visited by the local Abkarry Contractor, who informed me that I was interfering so greatly with his contract, that he would be obliged to refer the case to the Police Authorities, if I did not desist.

8. At this time Natives were drinking it at the rate of nearly a Hogshead a day, and the fame of the Brewery began to spread abroad, so that I had applications from four or five influential Natives, (amongst them one or two of the Abkarry Contractors in other parts) who offered

to take Beer and Porter off my hands at my own price, in quantities of four Hogsheads at a time, as they felt sure they could have a ready and remunerative sale for it in Mysore, Nuggur Calicut, and even in Madras. The Beer they offered to purchase at 40 Rupees per Hogshead, was that which I considered so inferior, that I could not have offered it to the Soldiers.

9. The Artillery men, Horse and Foot, have been tolerably steady customers for bottled Beer and Porter, and occasionally have drank a Hogshead on tap. The 102nd Fusiliers used to consume it, though not in such quantities proportionally to their numbers, but this I attribute in a great degree to opposition on the part of the Canteen Serjeants from some cause, chiefly I believe that they thought they could not make money by it as they could by other Malt Liquors. The King's Dragoon Guards have uniformly opposed it and continue to do so *on principle*: this I say, because I have heard of some of their Non-Commissioned Officers approving of it when drinking it at other places when offered it by hosts at marriage feasts &c. I stated in my letter No. 13 dated 20th August 1862, that I believed, if I sent out a Cask of good Commissariat Malt Liquor to the Canteens as "*from the Brewery*" it would be likely to be condemned: and although I have never resorted to such an expedient, I now have the opportunity of proving the converse of this, by having recently suggested to the Commissariat Officer here, that I should send him some Hogsheads of Ale and Porter and that he should put them in his godown for indiscriminate issue with his own. The result has been that Her Majesty's 66th Regiment of Foot, lately arrived, have taken seven Hogsheads, the whole of which, I believe, have been consumed by them in their Canteen within five or six days without remark, and I am going to send six more Hogsheads to-day. These are all independent of the quantity referred to in the margin of paragraph 6,* which only included issues to the end of the year.

i. e., 29½ *Hogsheads.*

10. My operations have been hitherto on a very limited scale. It will be easily understood how much against successful brewing is the necessity for *three* boilings to make each Hogshead, and then these three mixed together at different strengths, and probably different temperatures, for the process of fermentation. I have now put up a larger boiler and I hope this will help success. The age of the Grainstone is another very great disadvantage, I believe.

11. I was on leave on the Neilgherry Hills in July, August and September last. There are two English Brewers there, and with each of them I carried on experiments, and one of them, Mr. James, is still trying the Grainstone with considerable success. Both these men had a different way of brewing, from that I had hitherto adopted, and I gained some hints from observing their methods: but from all I hear, I believe that the Beer and Porter made in the Government Brewery here is superior to that which Mr. James makes, although he has had five years experience in brewing on the Hills.

12. I do not consider my experiment "at an end," that is, I am not at all satisfied with my hitherto success, in comparison with what I hope may be done hereafter when I receive new Grainstone, made expressly for me, which Messrs. Merten have lately prepared by the erection of a new Plant, and they assure me that what they are now sending me is not nearly as good as some which they will shortly despatch. They have been experimenting with increased proportions of Hops with the view, partly of rendering the use of Hops (additionally) *unnecessary*, and also to try and suit the taste of likers of Indian bitter Ales. I expect also improvement from working on a larger scale.

13. I must here *mention one change* in my opinions regarding the ease with which Grainstone Beer could be brewed at all the stations in India, as I formerly asserted in my memorandum on this subject: more properly the difficulty would lie in obtaining *good Brewers* to carry it *out*. I see such *scrupulous cleanliness* and care is required, that, except with constant supervision, it would hardly be attained in ordinary Soldiers' hands;—still with the means at my disposal somewhat enlarged, I think I could, without difficulty, supply Madras and its environs, Bangalore, Cannanore, Trichinopoly, Wellington, Bellary, and perhaps Secunderabad from this place—should these distances not be considered too great.

14. One thing I am assured of, namely; that if it is left to the Soldiers to choose whether they will have Grainstone Beer or Commissariat: they will, as a rule object to my Beer, simply because it is made by Government in India and because *it* is a novelty: I find the men suspicious, some fancy that I make it of grains and bitters collected in the country: one man has even gone so far as to admit the superiority of the Grainstone Beer over the other, but said, "he would not drink it because he believed or suspected the Government wanted to save money by it!" I know that if the Soldiery were excluded from the question altogether, and I had a much larger Establishment and means than I now have, I could keep them fully and constantly employed in meeting the demand which would arise from families, Shops, and, above all, the Native inhabitants; and with reference to the latter class, I state with a feeling of almost certainty, that I think this beverage would nearly put a stop to the sale of country Arrack.

15. I now leave the question in the hands of Government. I beg to express my thanks for the trial that has been permitted to me, and my readiness to act in further proceedings, in any way His Excellency the Governor in Council may be pleased to direct.

16. I cannot conclude without bringing to notice the exemplary conduct, both with reference to usefulness, steadiness, and anxiety to do his best in the matter, of Serjeant S. Sackville, the Overseer whom the Government were pleased to place at my disposal for carrying out the experiment.

17. I beg to append a statement of receipts, expenditure, &c., in connection with the whole transaction from the commencement to the end of December 1862.

18. I had almost forgotten to mention, that I have received two casks of Mr. "Medlocks patent," bisulphate of lime. I am making experiments with this material, but latterly, since I received Hops, I have seen no necessity for its use in this climate, as none of my Beer or Porter, made with good Hops, has shewn the slightest tendency to acetification.

[*Statement*

Report of the experiment in making Beer and

Year and Month.	Date	Disbursement.	Amount. Rs.	A.	P.	Amount. Rs.	A.	P.
1861 December. ...	1st	To 300 Empty bottles	15	0	0			
		,, 3 Brushes	1	10	0			
		,, 2 Buckets, wooden	2	8	0			
		,, 1 Brace with bits	3	14	0			
		,, 1 Copper	17	2	0			
		,, 1 Funnel, wooden	3	6	0			
		,, 3 Gunlets	1	4	0			
		,, 3 Hammers with driver	2	4	0			
		,, 5 Kegs	7	10	0			
		,, 3 Mallets	1	14	0			
		,, 1 Presser cork	1	14	0			
		,, 1 Saw	0	8	0			
		,, 2 Saccharometors with box	17	1	0			
		,, 8 Thralls	37	0	0			
		,, 3 Tatties	7	12	0			
		,, 4 Chisels	1	2	0			
		,, 3 Cocks brass	5	2	0			
		,, 1 Vallance	0	12	0			
		,, 2 Cork screws	0	12	0			
		,, Hire of cart from Madras	13	0	0			
		,, 2 Cart loads of firewood	3	8	0			
	31st	Establishment for December 1861	94	4	0			
						239	3	0
1862 January.	1st	To Carriage of Hops from Madras	1	14	0			
		,, 1 Frame with glass	1	8	0			
		,, Making a small Vat	8	10	0			
		,, do. do. with lid	9	7	8			
		,, 2 loads of firewood	3	8	0			
		,, 4 lbs. of shot	1	4	0			
		,, 133 Dozens of empty bottles	42	0	0			
		,, Carriage for Hops from Bombay	4	8	0			
	31st	Establishment for January 1862	90	12	0			
						163	7	8
February. ..	1st	To 5 Gross of corks @ Rupees 3-0-0 per gross	15	0	0			
		,, 3 do. @ ,, 3-8-0 per ,,	10	8	0			
		,, Cart hire during the month	3	12	0			
		,, Establishment for February 1862	87	0	0			
		,, Expenses incurred by Commissary General Madras	14	11	5			
						130	15	5
March.	1st	,, Carriage of a case of Beer to Madras	2	8	0			
		,, 21 ¼ Dozens of empty bottles	5	4	6			
		,, 13 Gross of corks @ Rupees 3-8-0 per gross	45	8	0			
		,, Carriage of box of corks from Madras	3	0	0			
		,, Cart hire during the month	0	12	0			
		,, Establishment for March 1862	87	0	0			
						144	0	6
April.	1st	,, Carriage of a case of Beer to Commissary General	3	8	0			
		,, 3 loads of firewood	5	0	0			
		,, Tinning large Copper	0	12	0			
		,, 14 Viss of Sugar @ 4 Annas per viss	3	8	0			
		,, 40 do. @ 3¼ Annas per viss	8	12	0			
		,, 5 New Kegs	12	8	0			
		,, Dammer, twine, &c	9	12	0			
		,, Expenses incurred by Commissary General Madras	33	15	3			
		Fox and Co., Madras for corks	37	10	0			
		Treacher and Co., Bombay for Hops	17	0	0			
	30th	Establishment for April 1862	87	0	0			
						219	5	3

Porter from Grainstone at Bangalore.

Year and month.	Date	Receipts.	Amount. Rs.	A.	P.	Amount. Rs.	A.	P.
1861 Dec.....	1st							
1862 January..	1st	By Commissary General Mysore Division, for apparatus and Establishment for December 1861, as per Order						
	31st	of Government, No. 4195, dated 19th November 1861	501	0	0			
						501	0	0
February	1st	By Commissary General Mysore Division, for Establishment for January 1862, and expenses incurred by Commissary General Madras.	115	11	5			
		By 84 Bottles of Beer @ 2½ Annas per bottle. ..	13	2	0			
	28th	,, 126 do. Porter @ 2½ do. do. ...	19	11	0			
						148	8	5
March....	1st	By the Commissary General Mysore Division, for the Establishment for February 1862.	101	0	0			
		By 605 Bottles of Beer @ 2½ Annas per Bottle. ...	105	7	6			
	31st	,, 339 do. Porter @ 2½ do. do. ...	52	15	6			
						259	7	0
April.....	1st	By Commissary General Mysore Division, for the Establishment for March 1862, and expenses incurred by Commissary General Madras.	134	15	3			
		By 1 Hhd. of Beer @ Rupees 40-2-0 per Hhd. ...	40	2	0			
		,, 174 Bottles of Beer @ Annas 2½ per Bottle. ...	27	8	0			
	30th	,, 84 do. Porter @ do. 2½ do.	13	2	0			
						215	6	3

Report of the experi

Year and Month.	Date	Disbursement.	Amount. Rs.	A.	P.	Amount. Rs.	A.	P.
1862								
May.....	1st	To 6 Cart loads of Firewood.....	10	12	0			
		„ 102 Viss of Sugar at 3½ Annas per viss.....	22	5	0			
		„ Cart hire during the month.....	1	12	0			
		„ 3 new Barrels.....	18	0	0			
		„ 4 „ Kegs.....	12	8	0			
		„ Mr. G. Merten Europe for Grainstone.....	4000	0	0			
		„ New Presser.....	3	8	0			
		Binny and Co., Madras for Hops.....	2	1	6			
		To Expenses incurred by Commissary General Madras.....	28	2	2			
	31st	Establishment for May 1862.....	92	8	0			
						4,191	8	8
June.....	1st	To Carriage of a case of Beer to Madras.....	2	0	0			
		„ 50 Viss of Sugar @ 3½ Annas per viss.....	10	15	0			
		„ 4 Brass cocks.....	8	0	6			
		„ 3 Cart loads of firewood.....	5	12	0			
		„ Cart hire during the month.....	1	8	0			
		„ 50 Dozens of empty bottles.....	12	8	0			
		„ Expenses incurred by Commissary General Madras.....	1	8	0			
	30th	Establishment for June 1862.....	92	8	0			
						134	11	0
July.....	1st	To 3 Cart loads of firewood.....	5	0	0			
		„ Dammer, Twine, &c.....	1	8	0			
		„ 1 Gross of corks.....	3	0	0			
		„ Tinning Copper.....	1	14	0			
		„ 6 Dozens of empty bottles.....	1	2	0			
	31st	„ Establishment for July 1862.....	92	8	0			
						105	0	0
August.....	1st	„ 3 Cart loads of firewood.....	5	6	0			
		„ Cart hire.....	0	6	0			
		„ 1 Tin of Hops per Banghy to Ootacamund.....	3	0	0			
		„ 1 Gross of corks.....	3	0	0			
		„ 100 Viss of Sugar @ 3¾ Annas per viss.....	23	7	0			
		„ 8 Maunds of do. @ Rupees 2-2-0 per Maund.	17	0	0			
		„ 1 large copper boiler.....	48	6	6			
		„ Carriage of box of corks from Madras.....	2	8	0			
		„ Cooly to Ootacamund.....	4	0	0			
		„ Repairing Copper.....	1	4	0			
		„ New tin funnel and ladle.....	1	6	0			
		„ Expenses incurred by Commissary General Madras.....	64	8	8			
	31st	Establishment for August 1862.....	92	0	0			
						266	4	2
September....	1st	„ 85 Dozens of empty bottles.....	21	14	0			
		„ 200 Viss of Sugar @ 3¾ Annas per viss.....	46	14	0			
		„ Dammer, &c.....	2	0	0			
		„ 1 Gross of small Corks.....	3	0	0			
		„ Firewood during the month.....	4	8	0			
		„ Cart hire do.	0	12	0			
		„ Expenses incurred by Commissary General Madras.....	9	12	0			
	30th	„ Establishment for September 1862.....	92	0	0			
						180	12	0

nent in making Beer and Porter, &c.—(Continued)

Year and month.	Date	Receipts.	Amount. Rs.	A.	P.	Amount. Rs.	A.	P.
1862								
May.....	1st	By Commissary General Madras, for transmission to Mr. G. Merten Europe for Grainstone.....	4000	0	0			
		By Commissary General Mysore Division, for the Establishment for April 1862 and expenses incurred by commissary General Madras.....	129	2	2			
		2 Hhds. of Beer @ Rupees 40-2-0 per Hhd.....	80	4	0			
		60 Bottles of Beer @ 2½ Annas per Bottle.....	9	6	0			
	31st	54 do. Porter @ 2½ do.	8	7	0			
						4,227	3	2
June.....	1st	By Commissary General Mysore Division, for the Establishment for May 1862 and expenses incurred by Commissary General Madras.....	102	8	0			
	30th	$1\frac{17}{20}$ Hhd. of Beer @ Rupees 40-2-0 per Hhd.....	74	3	8			
						176	11	8
July.....	1st	By Commissary General Mysore Division, for the Establishment for June 1862.....	101	0	0			
						101	0	0
August...	1st	By Commissary General Mysore Division for the Establishment for July 1862, and expenses incurred by Commissary General Madras.....	165	8	8			
	31st	$\frac{5}{20}$ Hhd. of Beer @ Rupees 40-2-0 per Hhd...	8	0	5			
						173	9	1
Septr....	1st	By Commissary General Mysore Division for the Establishment for August 1862, and expenses incurred by Commissary General Madras....	110	12	0			
		84 Bottles of Beer @ 2½ Annas per Bottle.... ...	13	2	0			
	31st	108 do. Porter @ 2½ do. do. ...	16	14	0			
						140	12	0

Report of the experi

Year and Month.	Date	Disbursement.	Amount. Rs.	A.	P.	Amount. Rs.	A.	P.
1862 October.....	1st	To 6 Cart loads of firewood.....	11	8	0			
		,, 5 Gross of small corks.....	15	0	0			
		,, 2 lbs. of shot.....	0	10	0			
		,, 30 Dozens of empty bottles.....	7	8	0			
		,, Cart hire during the month.....	0	8	0			
		,, Repairing a Vat.....	2	0	0			
		,, Fox and Co., Madras, letter No. 18, for corks...	50	0	0			
		,, 224 Viss of sugar @ 6 Annas per viss.....	84	0	0			
		,, Expenses incurred by Commissary General Madras.....	7	11	0			
	31st	,, Establishment for October 1862.....	97	0	0			
						275	13	0
November. ...	1st	,, Large Boiler Copper, 200 Gallons.....	150	0	0			
		,, 6 Cart loads of firewood.....	10	8	0			
		,, Balance to Fox and Co., for corks...	25	0	0			
		,, Cooler.....	50	0	0			
		,, 75 Dozens of empty bottles.....	18	12	0			
		,, 8 Gross of corks @ 2¼ and 2 @ 2¼.....	19	8	0			
		,, Carriage of 6 dozen Case to Madras.....	3	8	0			
		,, Completing a new Vat.....	2	0	0			
		,, Cart hire during the month.....	1	2	0			
		,, 300 Viss of sugar @ 6 Annas per viss.....	112	8	0			
		,, 2 do. @ 8 do.	1	0	0			
		,, ½ do. twine.....	1	8	0			
		,, 2 do. dammer.....	1	0	0			
		,, Expenses incurred by Commissary General Madras.....	79	2	11			
	30th	,, Establishment for November 1862.....	101	0	0			
						576	8	11
December. ...	1st	,, 3 large tin ladles.....	3	2	0			
		,, Door and Grating for furnace...	10	0	0			
		,, 2 Cases of Beer to the Mount as samples.....	4	14	0			
		,, 1 do. do. do.	2	0	0			
		,, Advance for fixing large Copper.....	15	0	0			
		,, Completing a Vat.....	2	0	0			
		,, 17 Gross of Corks.....	37	4	0			
		,, 200 Viss of white sugar @ 6 Annas per viss.....	75	0	0			
		,, 4 Viss of dammer.....	2	0	0			
		,, 3 ,, of fine sugar @ 8 Annas per viss... ...	1	8	0			
		,, 100 ,, of brown sugar @ ¾ Annas per viss.	23	7	0			
		,, 1 ,, of twine.....	1	0	0			
		,, Establishment for December 1862.....	104	0	0			
		,, 6 Cart loads of firewood.....	13	10	0			
						294	13	0
		Balance in hand.....				177	8	5
		Total.....				7,099	15	0

BANGALORE,
1st *January* 1863.

ment in making Beer &c.—(Continued).

Year and month.	Date	Receipts.	Amount. Rs.	A.	P.	Amount. Rs.	A.	P.
1862 October.	1st	By Commissary General Mysore Division, for the Establishment for September 1862, and expenses incurred by Commissary General Madras.....	108	11	0			
		1 Hhd. of Beer @ 39 Rupees per Hhd....	39	0	0			
		734 Bottles of Beer @ 2½ Annas per Bottle.....	114	11	0			
	31st	448 do. Porter @ 2½ do. do.....	69	6	0			
						331	12	0
Novem-ber.	1st	By Commissary General Mysore Division, for the Establishment for October 1862, and expenses incurred by Commissary General Madras.....	180	2	11			
		2 Hhds. of Beer @ 39 Rupees per Hhd....	78	0	0			
		1 do. of Porter @ 39 do. do.	39	0	0			
		677 Bottles of Beer @ 2½ Annas per Bottle..	97	15	6			
	30th	372 do. of Porter @ 2½ do. do.	58	2	0			
						453	4	5
Decem-ber.	1st	By Commissary General Mysore Division for the Establishment for November and December 1862...	202	0	0			
		1 Hhd. of Beer @ 39 Rs. per Hhd.....	39	0	0			
		714 Bottles of Beer @ 2½ Annas per Bottle.....	111	9	0			
	31st	120 do. of Porter @ 2½ do. do.	18	12	0			
						371	5	0
		Total.....				7,099	15	0

(Signed) G. BRIGGS, Colonel,
Royal Horse Artillery.

Memorandum of Government property in the Brewery.

	Purchased.	Struck off.	Total remaining 31st December 1862.	Serviceable.	Unserviceable.	Repairable.	Remarks.
Bottles	5,107	607	4,700	4,700			
Brushes	3	2	1	1			
Buckets wooden	2	...	2	2			
Brace with Bits	1	...	1	1			
Boiler small copper 12 gallons	1	...	1	1			
„ large „ 27 „	1	...	1	1			
„ „ „ 200 „	1	...	1	1			
Barrels	3	...	3	3			
Cooler	1	...	1	1			
Chisels	4	...	4	4			
Cocks Brass	7	...	7	7			
Casks arrack empty (a)	4	...	4	4			
Cork-screws	2	...	2	2			
Door and Grating for furnace	1	...	1	1			
Funnel wooden	1	...	1	1			
Frame with glass	1	...	1	1			
Gunlets	3	2	1	1			
Hogsheads empty (a)	71	...	71	71			
Hammers with driver	3	..	3	3			
Kegs (a)	14	6	8	8			
Mallets	3	...	3	3			
Presser Cork	1	...	1	1			
Presser Hop	1	...	1	1			
Saw	1	...	1	1			
Saccharometors with box	2	...	2	2			
Thralls	8	...	8	8			
Tatties	3	1	2	2			
Tins large ladles	3	...	3	3			
Tin funnel	1	...	1	1			
Vats	2	..	2	2			
Vallance	1	...	1	1			

(a) On loan from the Commissariat Department.

BANGALORE,
1st *January* 1863.

(Signed) G. BRIGGS, Colonel,
Royal Horse Artilley.

Memorandum shewing the receipts, issues and remains of Sto
mon

		Tins Beer.	Tins Porter.	Hogsheads Beer.	Hogsheads Porter.	Hops
Stock received during 13 months.	December 1861	54	10			
	Do.					1 Tin.
	January 1862	60	12			
	Do.					1 Tin.
	February do					1 lbs.
	March do	120	24			
	April do	34				
	Do.					6 Tins.
	May do					4 lbs.
	July do	32	16			
	Do.					6 Tins.
	Do.					3 Cases.
	August do					3 Packet
	November	84	12			
	Do.					2 Cases.
	Total	384	74			P. C. T. 3 5 14
Converted into Beer and Bottled.		130	50	35¼	15	P. C. T. 1 3 1
Deduct, sold during 13 months, &c.	February 1862					
	March do					
	April do			1		
	Do.					
	May do			2		
	Do.					
	June do			1 17/20		
	August do			4/20		
	September do					
	October do			1		
	Do.					
	November do			2	1	
	Do.					
	December do			1		
	Do.					
	Samples, &c					
	Do.			4/20		
	Total			9 5/20	1	
Stock on Land 31st Dec. 1862		254	24	26	14	P. 2

BANGALORE,
1st *January* 1863.

From Colonel G. Briggs, Royal Horse Artillery, Bangalore, 14th February 1863, No. 35; to the Secretary to Government, Military Department, Fort Saint George.

In continuation of my recent Report on the subject of brewing from Grainstone, I have the honor to request I may be permitted to add that Her Majesty's 66th Regiment of Foot have taken in all *fourteen* Hogsheads (seven of Porter and seven of Ale) of my Malt Liquor from the Commissariat Godowns, during the space of 18 or 20 days. I append two original notes on the subject—the second received yesterday from Captain Mottet, the Commissariat Officer at the station.

2. I also beg to forward original Proceedings of the Sub-Committee of the Canteen at Poonamallee on some bottled Grainstone Beer and Porter which I sent down in October last for report.

3. I would further state that about the same time, my Overseer sent by a friend of his a few sample bottles of each kind, to the Artillery at Bellary, for trial—a private letter from a Non-Commissioned Officer of the Horse Artillery, stated that those who drank it highly approved of it, and that "it would be a boon to them to get it."

4. I mention these things because trifling as they may be in themselves, yet taken collectively with my other Reports and statements they shew, I hope, that the money expended on the experiment has not been thrown away.

5. My regret at present is, that I have but four Hogsheads left ready for issue, and I shall not be in a position to keep up the supply for three weeks or a month.

ORDER, No. 923, *20th March* 1863.

His Excellency the Governor in Council has perused the foregoing reports with much pleasure and considers that the results of the manufacture of Malt Liquor from Grainstone, as far as the experiment has yet been carried, are very satisfactory and encouraging.

2. Brigadier Briggs will accept the acknowledgments of Government for his useful services and will convey to Serjeant (Overseer) S. Sackville the expression of the satisfaction of Government at the favorable mention made of him in paragraph 16 of the earlier of the papers above recorded.

3. The Governor in Council being of opinion that the experiment should be extended, requests that Brigadier Briggs will favor Government with any suggestions he may desire to offer on the subject, submitting, through the Controller of Military Finance, a memorandum of the arrangements with cost, which should be made for that purpose. His Excellency desires also be furnished with a statement, in a concise form, of the cost per gallon (*all* charges included) of the Malt Liquor already manufactured; shewing also the quantity produced; the number of gallons *rejected as unfit* for issue to the Soldiers; the value, at the Government rate for Malt Liquor supplied to Corps, of the approved out-turn; and the actual cash receipts of the Brewery.

4. Ordered that the correspondence be forwarded to the Revenue Department, in view to measures being taken to regulate the sale of the Beer and Porter to Abkarry Contractors, &c.

5. Ordered further that the foregoing reports be communicated to the Right Honorable the Secretary of State and to the Government of India.

To the Offg. Secy. to the Govt. of India, Mily. Dept. | Here enter 20th March 1863, No. 924.

(True Extract.)

Secretary to Government.

To Brigadier G. Briggs.
To the Controller of Military Finance.
" Adjutant General.
" Commissary General.
" Military Accountant.
" Examiner of Commissariat Accounts.
" Revenue Department.
" Military Finance Department.

Exd. T. Stubbs.

Rec'd 1863 [illegible]
Pro: of Govt for March
Rs. 700.

Proceedings of the
Madras Govt in the
Military Dept.

Dated 20th March
Received 24th " 1863.

No 923.

Forwarding the Correspondence regarding the manufacture by Brigadier O'Brien at Bangalore of Shell Requisitions from Madras for Stone in excess to Indents having been laid down to regulate the sale of the Beer and Porter to Artillery Cantonments &c.

No 601 31st March 1863
With an Order in Council

Pro: of the Board of Revenue
21st April 1863 No 947.

No 313 & 314.

No 601.

Referred to the Bd
of Revenue for report on
the subject of para 4 of the
order.

[illegible]

First Secy
31st March 1863

To the Bd of Revenue