

Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No. 3704

DATED 19th July 1887

[Despatch Abstract.]

Mr P. Eulim's report on the chest examined
as regards the strength of country, been now
consumed in this Presidency - recorded
pending receipt of a further report promised
by the Mr. of Rev.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
hvi	2713.	Reo	28.5.97				
"	2714-5	Rw	28.5.97				

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Revenue (1897) Department.

CURRENT No. 5263

From

The Secretary to the Commissioner of
Salt, Abkari & Separate Revenue
Madras

Order

Mis No. 2463

(Has any reply
been received
to G.O. 2395
of 18/6/97)

Dated 11th June 1897

Received 25.6.97

Registered 25.6.97

Enclosures 2

Spare copies

SUBJECT.

Submitting to Government a report
on the check exercised as regards
the strength of country beer now
consumed in the Presidency.

16
25/6

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

The Chemical Examiner's reports on the result of
imported into the

No of samples	From whom received	Results of Chemical analysis				
		original gravity	specific gravity	Extract gravity	Acidity as Sulphuric p.c	Abn alc by vol
1	The Taluk Sheristadar, Hosur taken from the Tavern at Hosur.	1053.9	998.85	1008.75	0.1785	7.
1	The Deputy Sahaidar, Ami 52	1057	999.35	1009.6	0.2295	7.
1	The Taluk Sheristadar, Hosur taken from the Tavern at Hosur.	1057.25	999.45	1009.85	0.2295	7.
1	The Taluk Head accountant, Salem	1052.8	1000.5	1009.95	0.204	7.
1	The Taluk Sheristadar, Krishnagiri	1050.3	1000.7	1009.7	0.2295	6.
1	Taluk Head Accountant, Salem	1052.8	1000.5	1009.95	0.204	7.
1	Taluk Sheristadar, Hosur	1057.6	1000.55	1010.9	0.28	7.
1	Tahsil Dar, Tirupattur	1051.95	1000.65	1009.9	0.2652	6.
1	do	1054.4	999.4	1009.5	0.2142	7.
1	Taluk Head Accountant Chingleput	1056.65	999.1	1009.3	0.2601	7.
1	Taluk Sheristadar, Krishnagiri	1031.05	999.3	1005.5	0.1785	4.
1	Taluk Head Accountant, Tirupattur	1060.25	999.4	1010.25	0.2295	8.
1	do -	1055.7	1001.2	1010.7	0.2346	7.

Statement showing the results of chemical analyses of the samples of Kilgini beers.

No. of samples	Where manufactured	Results of chemical analyses				
		original gravity	specific gravity	Extract gravity	Alcohol by volume percent	Acidity as acetic acid percent
1	Kilgini Brewery	1061.30	1013.72	1021.96	6.59	0.0969
2	Castle	1061.64	1006.71	1017.09	7.4	0.0816
3	Kilgini	1052.53	1007.82	1015.38	6.27	0.0663
4	Castle	1064.53	1005.97	1016.78	7.965	0.0765
5	Kilgini	1051.61	1008.49	1017.06	5.90	0.0918
6	Castle	1057.98	1004.79	1014.23	7.25	0.0816
7	Kilgini	1058.58	1007.45	1016.63	6.97	0.0918
8	Castle	1060.8	1011.15	1020.1	6.78	0.0867
9	Kilgini	1054.93	1009.13	1017.73	6.25	0.0714
10	Castle	1057.95	1009.39	1018.05	6.67	0.0816
11	Kilgini	1054.35	1009.5	1017.85	6.17	0.0867
12	Castle	1060.28	1010.95	1019.83	6.745	0.0765
13	Kilgini	1048.25	1007.75	1015.55	5.63	0.0663
14	Castle	1057.30	1008.45	1017.60	6.63	0.0816
15	Kilgini	1049.4	1009.05	1016.7	5.63	0.0765
16	Castle	1059.03	1003.9	1014.05	7.48	0.1122
17	Kilgini	1053.12	1008.20	1016.80	6.17	0.0816
18	Castle	1060.36	1004.21	1014.52	7.66	0.0918
19	Kilgini	1050.58	1006.90	1014.98	6.10	0.0612
20	Castle	1060.97	1003.79	1014.37	7.74	0.0765
21	Kilgini	1057.68	1013.16	1021.60	6.10	0.0765
22	Castle	1058.83	1002.45	1013.15	7.57	0.0714
23	Kilgini	1051.5	1008.36	1016.70	5.94	0.0765
24	Castle	1062.75	1005.32	1015.75	7.83	0.0816
25	Kilgini	1048.35	1008.53	1016.80	5.47	0.0714
26	Castle	1057.02	1004.73	1014.52	7.09	0.0765
27	Kilgini	1057.6	1013.75	1022.2	6.02	0.0969
28	Castle	1061.4	1005.85	1016.7	7.4	0.102
29	Kilgini	1055.32	1009.0	1017.52	6.40	0.0867
30	Castle	1059.15	1007.39	1016.60	7.01	0.1377
31	Kilgini	1062.12	1012.3	1021.42	6.78	0.0816
32	Castle	1057.7	1004.43	1014.0	7.25	0.1173
33	Kilgini	1063.13	1007.91	1018.03	7.48	0.0714
34	Castle	1057.23	1005.10	1014.53	7.09	0.1020
35	Kilgini	1051.95	1006.7	1015.45	6.17	0.0714
36	Castle	1055.35	1002.61	1012.65	7.09	0.0663
37	Rose & Crown	1058.40	1002.95	1013.25	7.4	0.1785
38	Kilgini	1058.78	1011.50	1019.93	6.51	0.0765
39	Castle	1056.87	1004.00	1013.57	7.09	0.1785
40	Rose & Crown	1051.00	1008.45	1015.90	5.98	0.051
41	Kilgini	1057.1	1009.85	1018.5	6.48	0.0663
42	Castle	1058.27	1006.25	1015.57	7.09	0.0663
43	Rose & Crown	1060.35	1003.05	1013.15	7.83	0.1224
44	Kilgini	1051.25	1009.35	1017.8	5.78	0.0663
45	Castle	1059.2	1004.9	1014.75	7.36	0.051
46	Rose & Crown	1066.27	1006.75	1017.15	8.18	0.1122

No. of samples	Where manufactured	Results of chemical analyses				
		original gravity	specific gravity	Extract gravity	Alcohol by volume percent	Acidity as acetic acid p.c
47	Kilgini Brewery	1055.72	1009.93	1019.22	6.17	0.0714
48	Castle	1058.45	1005.35	1015.65	7.09	0.0765
49	Rose & Crown	1066.9	1006.64	1017.30	8.10	0.2346
50	Kilgini	1058.9	1009.12	1018.2	6.78	0.0714
51	Castle	1063.15	1005.3	1015.65	7.92	0.0765
52	Rose & Crown	1057.3	1002.35	1012.0	7.40	0.204
53	Kilgini	1056.6	1005.2	1014.4	7.01	0.0765
54	Castle	1063.2	1003.9	1014.7	8.1	0.0867
55	Rose & Crown	1051.36	1001.6	1011.01	6.63	0.1938
56	Kilgini	1061.25	1004.64	1015.00	7.7	0.0765
57	do	1060.03	1005.29	1015.29	7.4	0.0612
58	Castle	1064.82	1005.03	1015.82	8.18	0.102
59	do	1062.15	1004.5	1015.15	7.83	0.0765
60	Rose & Crown	1059.82	1006.24	1015.72	7.22	0.1785
61	do	1059.18	1005.9	1015.73	7.21	0.102
62	Kilgini	1060.42	1005.7	1015.42	7.47	0.0714
63	Castle	1058.3	1004.30	1014.15	7.32	0.0765
64	Rose & Crown	1058.05	1012.61	1020.55	6.32	0.102
65	Kilgini	1061.4	1005.6	1015.4	7.66	0.0765
66	Castle	1065.6	1005.75	1016.6	8.18	0.0765
67	Rose & Crown	1053.95	1004.8	1013.5	6.74	0.1020

23.69

Assistant Secretary

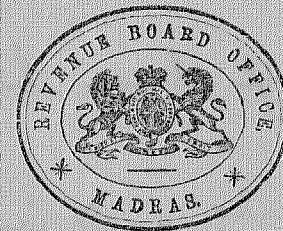
Examination of certain samples of Bangalore Beer - as Prescribed

The Chemical Examiner's remarks.

Sl
No
p.c

- 10 { Very poor in extractive matter. Probably contains added alcohol
- 24 Poor in extractive matter. Probably contains added alcohol
- 4 { Poor in extractive matter, but contains a fair amount of alcohol probably added subsequently to fortify the beer
- 21 Extractive matter poor. probably fortified with added alcohol
- 63 Poor in extractive matter
- 21 Extractive matter poor. Probably fortified with added alcohol
- 57 Poor in extractive matter. Probably contains added alcohol
- 82 }
32 } do
- 70 Poor in extract. Probably alcohol has been added
- 42 { Poor in extract and in alcohol. Is not likely to keep good for any length of time. It may possibly have been watered
- 18 nil
- 32 nil

Examiner's
Assistant Secretary



Proceedings of the Board of Revenue

(Separate Revenue.)

Dated 11th June 1897.

Ms No. 2463

Read again Government Order Ms No. 2385 Revenue
dated 18th June 1896.

Read also Government order Ms No. 2713 Revenue
dated 28th May 1897.

Resolution.

In reply to Government order^{Ms} No. 2713 Revenue
dated 28th May 1897, wherein Government asks
for a report as to what check is exercised
as regards the strength of the country beer
now consumed in the Presidency, the Board
begs to report that frequent analyses of
samples of country brewed beer have been made.

JK

It submits herewith a table showing the results of tests made of beer brewed at three breweries in the Presidency and in Bangalore during the past three years from which it will be observed that the percentage of - absolute alcohol by volume in the beer manufactured at the two breweries of Messrs Gishman & Co varies from 5.47 to 8.18, in that manufactured at the Rose and Crown brewery from 5.98 to 8.18 and in Bangalore beer from 4.42 to 8.18. The following information as to the initial gravity and percentage of alcohol of English beers has been extracted from "The Brewer, Distiller, and wine manufacturer"

	Initial Gravity	Percentage of Alcohol by Volume.
Burton mild	1080	8.45
" Pale	1062	6.71
" Bitter	1064	6.78
Mild $\frac{X}{X}$	1055.5	5.76
$\frac{XX}{XX}$	1060.7	6.41
$\frac{XXX}{XXX}$	1073.7	8.10
$\frac{X}{X}$	1044	4.12
Scotch mild	1053	5.78
" Export Bitter.	1057	6.24

Sh

It will be observed that the initial gravity in the country brewed beer is always well within the prescribed limit. At the same time the percentage of alcohol in beer made from wort of very low initial gravity is surprisingly high.

2. The question has been gone into to a certain extent by the Abkari Deputy Commissioner, but he has not been able to account for the extraordinary variations and unusual results obtained and the Board is obliged to allow the matter to stand over until his return from Waltair when it will arrange to have analyses made under his own supervision.

3. One thing, however, is certain and that is that the so-called beer - brewed at the Rose and Crown brewery is little more than a strong Jaggery wash with a flavouring of malt and hops. This the Commissioner ascertained by a personal visit to the brewery.

with

with Mr Bennett when about equal
quantities of malt and jaggery were being
used - the former being of very bad
quality and of course not nearly so rich in
alcohol - producing qualities as the
jaggery. It is highly probable that the
Bangalore Beer is made in the same way.
The Board wishes to address Government
again shortly on the subject of prohibiting
the use of anything but malt for brewing
purposes.

(True Extract)

Enclosed
Assistant Secretary

To

The Secretary to Government

Revenue Department

(with 2 statements)

17/6/97

5/9/74

The Hon. Sir Henry Pollock K.C. J.E.

17/11/97

C. No 5263

G.O. No. 3704 of 19th July 97

Recorded pending receipt of
the further report promised by the
Board of Revenue.

17/11/97

To

the B. of Rev (Dep. Rev).

10-22-7-97

Note.

The H. M. having desired in his
note under G.O. No 274 of 28.5.97
that a report should be called for
as to what check is carried as regards
the strength of the country beer now
consumed in the Presidency, the Board
of Revenue was asked to furnish the
necessary information. It will be
seen from the current read above
that the initial points in the country
made here is always well within
the prescribed limit (1073)

The Board, however, states that the
percentage of Alcohol in beer made from
wort

14/7/97

~~the~~ worst of us 3 low initial faintly
 is surprisingly light and that the
 has been ^{at the Rose & Crown Brewery} at Annam that is little
 more than a strong jaggery wash
 with a flavouring of malt and hops.
 The Board proposes to address Govt
 very shortly on the subject of prohibiting
 the use of anything but malt for
 brewing purposes.

Submitted that the Board's
 further report may be invited.

The report called for in G.O. No. 2385
 of 18th June 96 has not been received

+ It is over a twelve months
 out standing. Reminders
 as noted in the margin have
 been sent. An ad interim report has
 been rec'd vide G.O. 2394 dated 18th Dec. 96.

7.10.96
 14.12.96

13/7/97

given for copying _____
 copied _____
 examined _____
 signed _____ } 189.

AGAIN G.O., No.
 189

DATED

RENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

AGREEMENT WITH DITO.

PAPERS NOT FILED UP, BEING WANT FOR DESPATCH
 IN ORIGINAL.

B.F.—

A = Copy in full.
 B = Not to be copied.
 P = Copy abstract only
 Q = Copy heading only