

(1) Number of Pages 6

(2) Date of repair 9.12.62

(3) Initials of the Referencer P. S. M.

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No. 1084
B.P. No.

Press
Mis.

Dated 26.8.1874 -196-

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Revenue Department,
26th August 1874.*

No. 248. Read the following Proceedings of the Board of Revenue, dated 12th August 1874, No. 2,212:—

Read the following letter from J. R. COCKERELL, Esq., Commissioner of the Nilgiris, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Ootacamund, 11th July 1874, No. 66:—

In my letter reporting on the coffee works at Runnymede, in the Coonoor Ghaut, in G. O., Revenue Department, dated 29th May 1874, No. 652, I stated that I had endeavoured in vain to procure sketches of the works, but that Mr. Rouse had been good enough to say he would have sketches made if he found an opportunity. Mr. Thomas Stanes has been kind enough to forward me the accompanying plan of the works with the appended description. Mr. Stanes informs me that he has paid the person who made the plan Rupees 50. He expresses a hope that Government will direct the reimbursement to him of this outlay. He writes: "The man who sketched the plans had to visit the estate ten or a dozen times; so I gave him a fee of Rupees 50 for his trouble. I suppose you will (on behalf of Government) refund me this amount."

ENCLOSURES Nos. 1 and 2.—Plans.

ENCLOSURE No. 3.

Description of the accompanying Plan of the Works, Pulping-house, etc., on the Runnymede Coffee Estate, Coonoor.

PULPING-HOUSE.

A—Is a Gordan's patent breast pulping machine.

B—Is a Walker's double disk pulper.

These are driven by an overshot water wheel, 18 feet diameter X.

C—Is a washing machine driven by the same water wheel. The object of this washing machine is to save the trouble and labor of washing the parchment coffee (as is usually done) in large vats by men moving it about with rakes in large quantities of water. The coffee after pulping flows into cistern AA, where it remains for a few hours only; thus a good deal of fermentation is prevented. It is then (in quantities of about six bushels at a time) thrown into the washer C. This washer is simply a cylinder, with spokes or arms about 2 feet long, revolving in a perforated iron half-circular box. A little sand is thrown in along with the coffee; and in about ten minutes the sticky substance is removed from the parchment, and a stream of water is turned on, which rapidly passes off through the perforations. When quite clean, doors are opened at the bottom of this box, and the clean parchment coffee is carried down by a stream of water along channel E into vat F, where any light beans are floated off, and the coffee then passes on through door XX to drying ground (or draining barbicue) G. It would be observed that by these means much labor and carriage is saved.

D—Is the cherry loft where the fruit is stored before passing into the pulping machines (A and B) which extends over the whole of the pulping-house as shown in the elevation plan. From drying ground G, the parchment coffee is thrown out upon the large barbicues XXX, to thoroughly dry before going into the store XXXX.

The barbicues are made of burnt bricks placed on edge, and then plastered over with fine chunam, and afterwards well painted with coal-tar.

XXXA—Is a drying place for coffee raised on teakwood posts with reapers nailed across at about 2 inches apart with coir-matting spread over the whole. This plan is better in some respects

Proceedings of the Madras Government, Revenue Department,
26th August 1874.

than the barbiqus. The store is built of burnt bricks with a corrugated iron roof, and the flooring of teakwood. These works are sufficiently large to get in and store a crop of 150 tons.

There is a natural fall in the ground from the pulping-house to the store, and the store is about 10 feet below the surface of the barbiqus; so that there is no loss of labor by carrying the coffee any distance in baskets. The coffee is loaded into carts for the curing establishments at door No. I.

The plan is drawn on a scale of 8 feet to the inch, so that it is unnecessary to go into further detail. The description given by Messrs. Hinde, Massey, and Co., of a coffee pulper, is exactly the same as those used on this estate.

COONOR,
20th June 1874.

(Signed) THOMAS STANES.

SUBMITTED to Government in continuation of Board's Proceedings, dated 27th April 1874, No. 976, disposed of in G. O., dated 29th May 1874, No. 652.

2. Sanction is requested to reimburse Mr. Thomas Stanes the sum of Rupees 50 advanced by him for the preparation of the plans. The acknowledgments of the Board are due to him for the trouble he has taken in the matter.

No. 249.

ORDER THEREON, 26th August 1874, No. 1,084.

Miscellaneous.

ORDERED that the plans received with these Proceedings be forwarded to the Government of India.

2. Sanction is granted for Rs. 50.

(True Extract.)

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

To the Board of Revenue.
„ the Accountant-General.

Exd. F. R. Bantleman.

1084
2

Runnymede Coffee Estates, Coonoor, Nilgiris.—
Directing transmission of the plans of the works on
the — to the Government of India, and granting
sanction for the disbursement of Rs. 50, the cost
incurred for the preparation of the plans.

AUGUST.
Nos. 248-249.

G. O., 20th August 1874, No. 1,084.

Recd.
Dated August 20th.

Encl.

cc. cc. cc.

THE BOARD OF REVENUE.

REVENUE.

Bot. of 118743 33107133.

No. 2,212.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 12th August 1874.

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Witch order