

(1) Number of pages _____

(2) Date of repair _____

(3) Initial's of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No.	487	Press Mis.
194-195		
Dated	11.4	18 85.

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
11th April 1865.*

No. 194. Read the following letter from Lieutenant-Colonel J. C. ANDERSON, R. E.,
Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary
to Government, Department Public Works, dated Masulipatam, 25th March 1865,
No. 153:—

SIR,

* No. 7,650, dated 24th November 1864, paragraph 7, forward-
ed for my information.

1. Referring to a letter* from Sub-Secretary
to the Board of Revenue to the Secretary to
Government, I have the honor to solicit further
instructions in regard to the site for erecting the Hulling Machine, which was lately forwarded to
Masulipatam.

2. The water-wheel is 12 feet in diameter and 4 feet wide. It is furnished with 40
buckets,† and is designed, so far as I am able
to judge, to be used either as an overshot or
breast-wheel, and the minimum fall required to work it effectively, would be about 13 feet for
the former, and 10 feet for the latter.

† As per annexed diagram.

3. At Ankúmurú lock, 3 to 4 miles from the native town, the maximum fall available is
7 feet, and at the tidal lock, 4 to 5 feet at ordinary high tide, and 3 to 4 feet more at low tides.
But even if sufficient fall were obtainable at either of those sites, there would be some objection
to their being adopted, as there is no expenditure of water on irrigation between Ankúmurú
and the tidal lock, and any water applied to drive the water-wheel would run to waste.

4. At Nedemole, 6 miles above Ankúmurú, there is another lock where a fall of 10 or 11
feet is available, and there would be no difficulty in adopting a portion of the calingulah which
adjoins the lock for the use of the machine, and should there be no objection on the score of its
distance from the town, nine miles, I would recommend that this site be selected.

5. I conclude that the object of Government in sending the machine to the District is as
much to familiarize the people with its action as to work it remuneratively. If it were fitted up
at Nedemole, I have no doubt but that it would be very generally visited by the grain dealers
and Ryots in the Delta, and though it is impossible to know beforehand whether any offer would
be made to take it on rent for a season, there are several enterprising merchants in Masulipatam
who would, I believe, take considerable interest in the matter, and who would at least assist in
giving the machine a fair trial.

No. 195.

ORDER THEREON, 11th April 1865, No. 987.

CIVIL WORKS, No. 35.

The Government approve of the site at which it is pro-
posed to erect the Hulling Machine lately forwarded to
Masulipatam.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 2nd Division.

Exd. S. T. Augustin.

No 153.

Super Engineer Office
Maulipatam
25 March 1865.

From Lieut Col J. C. Anderson R.E.
Super Engineer 2nd Div
To Col C. A. M. R.E.
Secretary to Government
D. D.

No 7650 of 24th
Nov 1864
for my information

Sir. Referring to a letter from Sub Secretary
to the Board of Revenue to the Secretary to Govt
I have the honor to solicit further
instructions in regard to the site
for erecting the Milling Machine,
which was lately forwarded to
Maulipatam.

as per annexed
diagram

2. The water wheel is 12 feet
in diameter and 4 feet wide. It
is furnished with 40 buckets, and
is designed, so far as I am able
to judge, to be used either as a overshot
or breast shot wheel. and the
minimum fall required to work
it effectively, would be about 13
feet for the former, and 10 for the
latter.

3. At Ansumuni Lock 3 to 4
miles

miles from the native town. The maximum fall available is 7 feet, and at the tidal lock, 4 to 5 feet at ordinary high tide and 3 to 4 feet more at low tide. But even if sufficient fall were obtainable at either of those sites, there would be some objection to their being adopted, as there is no expenditure of water on irrigation between Anshun and the Tidal lock, and any water applied to drive the water wheel, would run to waste.

5. I conclude that the object

of Government in sending the Machine
to the Delta, is as much to familiarize
the people, with its action as to work
it remuneratively. If it were fitted
up at Alexandria, I have no doubt
but that it would be very generally
visited by the grain dealers & Egypt
in the Delta and though it is im-
possible to know beforehand
whether any offer would be made
to take it on rent for a season,
there are several enterprising
merchants in Manshiyatam who
would I believe take considerable
interest in the matter, and who
would at least assist in giving
the Machine a fair trial.

J. W. Anderson V. C. E.
Saps Engineer at D. S.

To Mr. J. S. S. & Co.
 100 N. 3rd St.
 St. Louis, Mo.
 Dec 20 1892

the copy being
to the Secretary to

Don't go. Dad

Dec 25 - 1865

8/

- standing further in-
 - structions in regard
 to the rule for checking
 the pulling machine
 which was lately for-
 warded to Hancock station

The fall is little too small but the flowing is with the strength as an experiment of the side

The Government approve
to which it is referred

to erect the Pulling machine lately

forwarded to - Marceline

[Handwritten signature]

Fort St George
11th Decr 1653

A handwritten signature in dark ink, appearing to be "R.A." or similar, written over a horizontal line.

Wm Schuchterbach
Engineer
2nd Division

No 195195

Wahne Order
209987-1172 April 15

68X

De la ^{the} spirit