

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No.	576	Press
		Mis.
Dated	18	

Not to be folded or roughly handled

13

*Proceedings of the Madras Government, Public Works Department,
2nd March 1872.*

No. 38. Read the following endorsement of the Superintending Engineer, 4th Division, dated Madras, 17th February 1872, No. 4,626 :—

From the Sub-Engineer, No. 3 Range, Chingleput, to the Superintending Engineer, 4th Division, dated Chingleput, 12th February 1872, No. 539.

On the subject of G. O. in the Public Works Department, No. 367, of 7th instant, (communicated with your memorandum No. 4,524 of 9th idem,) wherein some suggestions are circulated by the Government of India respecting the experiences obtained in "reclaiming kullur land" for cultivation, the Government may be interested in knowing that in South India, in the districts bordering on the coast particularly, the "reclamation" of land of the nature under notice is very readily effected by recourse to vegetable manure, merely by using the

* Tamil—Yercum
Telugu—Jilladoo.

well known shrub *Calatropis gigantea*.*

The land is flooded, ploughed up, and thickly covered over with the leaves and stalks of the shrub, which are trampled in; after decomposition, a second course of ploughing and flooding thoroughly reforms the land for the season. The process must be repeated for two or more seasons to render the "reclamation" permanent. Some powerful property of the shrub seems to kill (the native expression) the salts in the soil, and I have seen in my experiences over several districts very bad "kullur" soils thus recovered. Paddy takes very fairly on the above soils after the very first doctoring. The milky juice of the *Calatropis* excites violent blistering, and its roots are used in country gun-powder manufacture; the bark yields fibre of a silken texture, and very strong.

FORWARDED to Government for information with reference to G. O., No. 367, dated 7th February 1872.

(Signed) C. V. WILKIESON, Colonel, R.E.,
Superintending Engineer, 4th Division.

No. 39. ORDER THEREON, 2nd March 1872, No. 576.

IRRIGATION, No. 4.

ORDERED to be recorded.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Acting Chief Engineer for Irrigation.
,, Superintending Engineer, 4th Divisions.

Exd. S. T. Augustin.

No. 539) Chingleput District

From

The Sub Engineer

To No. 3 Range.

The Superintending Engineer

Sir. &c Division

On the subject of G.O. in
the P.W.D. No. 367 of 7th Instant.
(Communicated with your Memo
No. 4524 of 9th Idem), wherein some
suggestions are circulated by the
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the experience obtained in "reclaim-
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Coast particularly, the "reclamation"
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namely by using the well known
shrub *Calotropis-gigantea*. The

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ploughing and flooding, thoroughly
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The milky juice of the *Calotropis*
excites violent blistering, and its
roots are used in country gun-
powder manufacture. The bark
yields fibres of a silken texture,
and very strong.

I have the honor also

Sir

to Range Officer
(February 1872)

Your Most Obedt Servt

W. H. M. and

Sub Engineer D.D.W.
to Range Commr

Wm. L. G. S.

From

See Side Captain

Long Range

To

See. J. J. G. S.

& C. D. S.

W. L. G. S.

W. L. G. S.

W. L. G. S.

Regarding the

Concerning the

Found for each

action

W. L. G. S.

Presented to Government for
information with reference to U. S.
W. L. G. S. 1872

W. L. G. S. 1872
W. L. G. S. 1872
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W. L. G. S.

Pro 7 February 1872 No 126-127

P. W. 1872 Depart.
From, 11 No 836.

The Superintending Engineer
at D. D.

To,
The Secretary to Government
Public Works Dept.

Dated 17th
Recd. 19th Feb 1872
No. 4626.

Regarding
reclaiming Kullow
lands for cultivation.

No. 576-2nd March 1872

With an order.

No 576.
Ordered to be recorded

12

12

For Chief Engineer for Public Works
J. H. 21 Feb 1872
Recd. 4/3/72

621 Feb 1872

1833

Gobt. of 1872 Madras.
PUBLIC WORKS.

To the Honble Secy for
Irrigation

Dated

Encl.

Recd.

G. O. No. 1872 576.

Nos. 381, 39

Kullar Land. Report.
Submitted by the Inspector of the
G. O. No. 1872 576. Cultivation
of Kullar Land, Secured.