

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1859	Press
B.P. No.		Mis.
360 to 362		
Dated	21. 7.	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
21st July 1873.*

Read the following papers :—

No. 360. From the Principal of the Civil Engineering College, (dated 13th February 1873, No. 684-C.)

No. 361. Do. do. (dated 12th June 1873, No. 17-C.)

No. 362. ORDER THEREON, 21st July 1873, No. 1,859.

ESTABLISHMENT, No. 37.

THE Government do not consider it necessary to distribute copies of Mr. Milne's pamphlet on the adjustments of Dumpy and Y. levels to the members of the Public Works Department. The price of the pamphlet is so moderate that any one wishing to possess a copy can purchase one, and it is probable therefore that, as the want of such a treatise has been much felt, it will command a sale which will suffice to remunerate Mr. Milne for its publication. This order need not prevent the Principal of the Civil Engineering College from bringing Mr. Milne's pamphlet to the notice of the Director of Public Instruction, whose province it is to consider the merits of educational works in connection with that department.

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Joint Secretary to Government.

To the Principal of the Civil Engineering College,
through the Director of Public Instruction.

Exd. W. H. French.
Spare Copies.

No. 684.6. Civil Engineering College.
Chepauk 13th February 1873.

From

Major H. J. Rogers R.E.

Sg. Principal C.E. College

Colonel G. W. Walker R.E.

Secretary to Government P. W. Department

Sir Fort Saint George

I have the honor to forward herewith
a pamphlet written by Mr. Milne the Senior
Surveying Master of this College upon the adjust-
ments of the Dumpy and Y levels in which
it is proved that the exact coincidence of the
intersection of the cross wires with the axis of
the telescope is not essential to accurate
levelling and that the adjustments of the Dumpy
level, as given by Gravatt, which is to be found
in nearly all works on Surveying, is incorrect.
It is also shown that two adjustments are
only essential to accurate levelling, thus
considerably simplifying the always troublesome
processes in general use. The methods given
in this pamphlet are short and simple.

The pamphlet was written by Mr. Milne
in July 1871 and the discoveries it contains
were made by Mr. Milne at that time, but
unfortunately he lost his claim to originality
in the discovery of the fact that the "Exact
Coincidence of the intersection of the cross

wires with the axis of the telescope is not
essential to accurate levelling owing to the
discovery having been made a short time
previously by Professor Bland.

I have reason however to believe that
the discovery had not yet been noticed by the
P. W. Department and would therefore solicit
that for the benefit of the members of the
Department as well as a reward to Mr. Miller
for his independent discovery 250 Copies of
the work may be purchased by the Government
for distribution to the different P. W. Offices.
The selling price of the work is
twelve annas.

I have the honor to be

Sir

Your most obedt. Servant

Major B. E.
Principal C. B. College

No 1859 P. R. D.

Proc. of the Madras Govt.

Read the following:-
From the Principal, C.E. College (H.E. No 184C of 13 Feb/73)
do do do (H.E. No 17C of 12 June/73)

The Government do not consider it necessary to distribute copies of the Indian pamphlet in the adjutant's office of Dampy and VV. send to the members of the P.W. Dept. The price of the pamphlet is so moderate that any one wishing to possess a copy can purchase one, and it is probable therefore that, as the want of such a

P. R. 1873 Madras
The Principal, C.E. College
H.E. No 3553.

Offe. Dampy
J. & S. College.

Offe. Secretary to

Government
P. R. 1873

Dated 12th June 1873
Recd 19th "

Requests are made
Reply to letter No 184C
dated 13th February last.

1873

Madras 19-6-73

No 1859-21 July/73

Madras 19-6-73

felt, it will inaugurate
a sale which will
suffice to remunerate
Mr Milne for its
publication. This order
need not prevent the
Principal of the Civil
Engineering College from
bringing Mr Milne's
pamphlet to the no-
tice of the Director
of Public Instruction,
whose province it is
to consider the merits
of educational works
in connection with that
Department.

by 5/7/73

G.M.W.

N^o 360.62.

2. 16 July 1873

To The Principal, C.E.
College, the
the Director of Public Instruction

10/8/73.

C/ps 993 & 3553
Govt. of 1873 Madras.
PUBLIC WORKS.

To the Principal of the
Civil Engineering College

Dated

Recd.

Encl. /

G. O. 21st July 1873. No. 1889.

Nos. 360 & 362

Mr. Milne's pamphlet on the
adjustment ofumpy and
of Levels. Seeking no
sanction the purchase
of the pamphlet for
distribution to mem-
bers of the S.M. Dept.