

Revenue (1898) Department.

MISCELLANEOUS SERIES.

G.O., No. 2197

DATED 21st May 98.

[Despatch Abstract.]

Sanctioning the Board's ^{Recommendation} ~~Recommendation~~ that desam maps on the
 8 inch scale for the South East Wynaad and field measurement
 books for the whole ^{of the} Nilgiri District be prepared by a special
 temporary establishment under the supervision of the
 Survey Dept.

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
		CM	4195/11				

Revenue (1898) Department.

CURRENT No. 3218

Order

From
The Board of Revenue,
Revenue Settlement
Land Records and
Agriculture,
Madras.
No. 2855-Mis

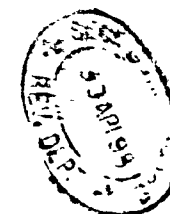
Dated 28th April 1898

Received 30th

Registered 30th

Enclosures 4

Spare copies



SUBJECT.

Submitting to Government
with the Board's recommendation
letter from the Superintendent
of Survey regarding revision
of maps for the Pilgrimage
and preparation of field
measurement books for
the pilgrims.

BACK PAPERS.

G.O.	No.	Department.	Date.
1	1212	Revenue	1-1-98
2	107	"	17-7-98
3	21	"	4-1-98

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Urgent

Nilgiri Collectors office

Dated 21st April 1898.

Q.C. No 122/98

From D. W. G. Bowie Esqre, I.C.S.

As Collector of the Nilgiris.

To The Secretary to the Commissioners of
Rev. Secy. Land Revenue & Agriculture,
Madras.

Through the
Superintendent of Madras Survey,
Madras.

Sir;

I have the honor to submit
herewith estimates prepared by the
Deputy Superintendent, N. H. D. S.,
aggregating Rs 5412 for the preparation
of field measurement books for the
whole of the Nilgiri district and maps
on the scale of 16 inches = one mile
for South East Wynnad and to
request that the Board may be
pleased to obtain the early
sanction of Government to the
estimates

estimates, in view to the work being put in hand at the earliest possible date. Owing to the want of these maps and books, the verification of boundaries and the replacement of missing boundary marks cannot be undertaken and the number of such cases already on hand is very large and is increasing every year.

2. The Village maps in use in the South-east Wypaad are (1) Key-maps on the scale of 4 inches = 1 mile and (2) circuit maps on the scale of 8 inches = 1 mile, the latter showing only occupied fields at the time of settlement. It is impossible to mark all subsequent changes in the Key map and often difficult to locate them on the circuit maps. Roads and encroachments cannot at present be easily found out. The
Head

Head Assistant Collector, therefore, strongly urged the necessity for a complete map on the scale of 16 inches to a mile showing every survey field and demarcation stone in the village. Such a map is also necessary for the preparation of the field measurement books, as it is impossible to get them plotted from the original survey records. In this connection Mr Greene writes as follows to the Superintendent of Survey:-

"It is practically impossible for the men of the Nilgiri district, more especially those of south-east Wypaad to carry out subdivision survey required in their respective villages, to verify boundaries and replace missing stones, without bearings and distances for all boundaries to guide them. This
information

information the new field measurement books will supply. The simplest and cheapest way of preparing the field-measurement books is first to prepare a combined map showing thereon all bearings and distances and then from this map to plot the field measurement books. I tried to prepare the field measurement ~~I tried to prepare~~ books direct from the traverses, but had to give it up as hopeless.

3. Field measurement books. These have to be supplied to the Karmans to enable them to note therein all subsequent sub-divisions. These books appear to be prepared by Karmans on the plains; but in the Malabar district, a special agency has been employed to prepare them. The
circumstances.

circumstances of this district are even more peculiar than those of Malabar. The country is mountainous, the survey is by theodolite and the area of each village comprises many thousand acres. At present the Karmans cannot efficiently cope with the current sub-division work in addition to their ordinary duties and they can neither be spared nor have they the capacity for the difficult and heavy work of preparing the field measurement books. The work, therefore, requires the employment of a well trained establishment specially organised for

for the purpose. It will be observed from the following quotation from the Correspondence on the subject that the Deputy Superintendent of Survey, who possesses the requisite technical knowledge, is of the same opinion: -

"The preparation of the field measurement books is probably the most tedious work that has to be done. The original survey was done by theodolite traverse and to replot the fields now, three separate records have to be referred to. Mr. Thompson found so much difficulty in preparing, by inexperienced hands, the new field measurement books that I disbanded the small staff of men he had appointed for the work and have since then been doing the work at my office at Cannanore. I had

Had great difficulties to contend with in picking out the old traverses. I despair of ever getting the field measurement books of South-east Wynad plotted from the original survey records unless Combined Desam maps showing all ~~maps~~ fields are first prepared. It will even then be over sanguine to expect them to be prepared by menons in a reasonable time, without allowing their other work to fall much into arrears.

Mr. Greene was at first of the opinion "that for Ootacamund and Coonoor taluk it will be possible for the Karmans to prepare their own field measurement books, if bearings and distances are first entered for them on a zincograph of the village maps". But I discussed the matter with him and we came to the

Conclusion

Conclusion that it is impossible for the Karmans of the plateau villages to attempt the preparation of these books. From the state of the boundary marks in this District, we are of opinion that unless these records are prepared at once and the Karmans are afforded every facility in setting up missing marks a much larger sum will have to be expended when matters have grown worse and perhaps a regular resurvey at a heavy cost will be rendered necessary.

4. I would respectfully invite attention to the fact that the temporary trained Establishment at Cannanore, ^{which} might well be employed for the Nilgris, with beds bandaged at the end of this month and to request that, if possible, Government may be moved to ~~Caravan~~ sanction the proposals made in this letter at the earliest possible

possible date. If sanction is accorded, the Deputy Superintendent will be enabled to retain the trained Establishment in question and to commence to work without delay.

5. Copies of Correspondence on the subject as per margin are enclosed.

* 1. H.D. Assistant Collector's letter No. 433 dated 22nd January 98
2 Mr. Green's letter No. 79 dated 22nd February 98
3. do. do. 225 dated 18th Feb. 1898.

I have to.

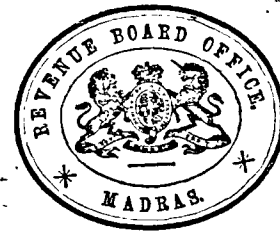
(Sd) D. N. G. Cowie
Ag. Collector.

No 129
R

forwarded for favourable consideration. If funds are sanctioned, the work can be undertaken at once.

Surrogary } (Sd) H. Car dozo
Madras } Superintendent
25 April 98 } Madras Surrog.
(True Copy)

L. J. S. S. S. S.
Secretary



Proceedings of the Board of Revenue
(Revenue Settlement, Land Records and Agriculture)

Dated 28th April 1898.

No. 2855 Ins

Read again D.O. 2757/ins forwarding to the Dy. S. Survey, Nilgiri 24.4.98
Collector's letter No. 122 dated 21.4.98 re: the preparation of maps on a scale of 16 inches to a mile for Smith-east W. road & field measurement books for the whole of the D. S. sent direct to the D. S. instead of through the Dy. S. Survey
Read also end of the Dy. S. No. 122 of 25.4.98 forwarding the Collector's letter, with his remarks.

2 copies attached.

Resolution.

Submitted to Government, with the Board's recommendation that as desired by the Collector, sanction may be accorded for the establishment of a special temporary establishment under the supervision of the Deputy Superintendent of Survey, No.

to: VI Survey Division, for the preparation of village maps for the South Coast Wynnad and field measurement books for the Nilgiris District.

2. In the Nilgiri Wynnad the object of the existing Desam Key maps (4 in = 1 mile) is to show the position of the numerous circuits into which each Desam was divided for Survey purposes. The Circuit maps show, in their approximate position, without any connecting lines or boundaries, the patches of occupied land scattered over large extents of waste hill and jungle. It is extremely difficult, if not impossible, to fit the circuit maps together, or to locate on them such new areas as come under occupation from time to time.

If

If the Board understands aright the proposal now afoot to combine the Circuit maps so as to ^{frame} a Desam map on a scale of 8 inches to the mile (not 16 inches as stated by the Collector) which Desam map will serve as the Key, or guide, to the field measurement book is the book which will contain, in ^{numerical} ~~universal~~ order, a map of every survey field on a scale large enough to show all the measurements. The cost of providing suitable maps, should, in the Board's opinion, be debited to the Survey Department, and as no funds are available in that Department the cost of the required establishment, estimated at Rs 5421, can be met by transfer of that amount from Savings under

under 3. C Land Revenue Survey
and Settlement — Revenue
Settlement — Settlement parties
— salaries.

3. The early orders of
Government are solicited,
with a view to enable the
Deputy Superintendent of
Survey to keep on a trained
Temporary Establishment
which is shortly to be dis-
banded.

(True Extract)

R. V. Srinivasan
Secretary.

To,
The Secretary to Government
Revenue Department.
Copy to the ^{with 6 enclosures in original to the rectl} Collector of
the Nilgiris
— The Superintendent
of Survey.

Encl
28/4/98

Read C. No 3213 of 1898.
B.P. (R.Y.) No 2855 & 284.98

For orders.

In the above cur-
rent, the Board of Revenue sub-
mits proposals for the prepara-
tion by the Survey Department
of village maps for the South
East Wynnad and of field
measurement books for the whole
of the Nilgiri District.

2. At present, there are it
appears, two sets of maps
for the South East Wynnad:
(1) Key-maps on the scale of
4 inches to the mile in which the
demarcation stones are not marked
but which show the position of
the numerous 'circuits' into which
each desam was divided for
survey purposes. (2) 'Circuit-
maps on the scale of 8 inches to
the mile, which show in their
^{approximate} ~~approximate~~ position, without
any connecting lines or bounds
the patches under occupation
at the time of the settlement. (18)
Owing to numerous relinquishes

C 16/5/98
12/1/98

relinquishments and darkhaats during the last eleven years, it is stated that there have been several alterations in the holdings and that it is now impossible to mark these changes in the Key-maps and that it is often extremely difficult to fix the position of new cultivation on the Circuit-maps.

3. The Head Assistant Collector and the Collector of Nilgiris therefore strongly urge the necessity for a complete village map on the scale of 16 inches to the mile, similar to those supplied for villages in the Nilgiri plateau, showing every survey field and demarcation stone in the villages.

4. The Dy. Supdt. Madras Survey No VI Party however thinks that 8 inch scale maps together with field measurement books will meet all requirements. He says:-
"It will, I think, suffice, if maps

maps are prepared on the 16 inch scale and published on the 8 inch; all very small fields being enlarged to the scale of 32 inches to one mile and reduced by photograph to 16 inches to one mile."

5. The Superintendent, Madras Survey, Mr Cardoso ~~does not~~ ^{thinks} whom the papers were submitted to the Board of Revenue does not refer to this point and the Board of Revenue remarks that if it 'understands aright', the proposal now is to combine the Circuit maps so as to form a desam map, on a scale of 8 inches to the mile (not 16 inches as stated by the Collector) which map will serve as the Key or Guide for the field measurement book ^{is the book} which will contain in numerical order a map of every survey field on a scale large enough to show all the measurements.

6. As regards the preparation

of field measurement books for the Nilgiri District, the Supt, Madras Survey first pointed out to the Deputy Superintendent, that there was no provision in the budget for 1898-99, that in all other Districts except Malabar the work was being attended to by Kurnams and that the same thing should be done in the Nilgiri Dist. also if possible. The Deputy Supt, Mr. Green, however stated in reply that it was impossible to get the field measurement books of South East Wynaad plotted from the original survey records unless Combined desam maps showing all fields were first prepared as ~~was~~ proposed above, and that even when this was done, it would be over. sanguine to expect the ~~work to be completed~~

men
maps

letter D 16.2.95 No 434
S

G.

paras 3-5 of letter D 23.1.98
No 29.
H

Read C.No. 3213 of
B.P. (R.Y.) No 2855
28.4.98.

J.O. Misc. No. 2197 d/21st May.
Jst added, ^{in the Cir.} only 8
Wynaad, there ^{are} only 8
men for an area of 279 sq.
miles that the latter were
incapacitated by fever
for about 2 months in the
year and could not be
expected to do more than
the subdivision survey
required in their respective
villages, but that for
ootacamund and Coonoor
Taluk it would be possible
for the Kurnams to prepare
their field measurement book
if bearings and distances
were first entered for them
in a Zineograph of the villa.
map.

b. Subsequently, however,
the Collector having discus-
sion the matter with the Deputy
Supt, they both came
to the conclusion that
it was impossible for the
Kurnam

of field measurement books
for the Nilgiri District,
the Supt, Madras Survey
state point boundary marks
"in the District we are of
"of opinion that unless these
"records are prepared at
"once and the Kurnams
"are afforded every facility
"in setting up missing
"marks a much larger sum
"will have to be expended
"when matters grow
"worse and perhaps a
"regular resurvey at a
"heavy cost will be rendered
"necessary."

7 The Collector therefore proposes
that the preparation of the
village maps for S.E. Wynnad
and the field measurement
books for the whole Dis-
trict should be under-
taken at once by the Survey
Department with the aid of
a temporary establishment
the cost of which is
estimated at Rs 5421.

8 The
preparation
maps

Read C.No. 3213 of
B.P. (R.Y.) No 2855
28.4.98.

provision
should be debited 19% the
Survey Dept and as no
funds are available in
that Department the
cost of the establishment
can be met by transfer
from savings under 3 C.
Land Revenue survey and
Settlement - Rev: Settlement
Settlement Parties - Salaries.
The Board requests early order
on these proposals so that the
Dy Supt. may keep on the
temporary establishment
now at Cannanore
which is shortly to be
disbanded.

As regards the village maps
for S.E. Wynnad, the necessity
for them seems to have been
fully made out, but as regards
the field measurement
books, it is not clear why the
Kurnams of Colacannur & Cannanore
should not do it.
as first
proposed

of field measurement books
for the Nilgiri District,
the Supt, Madras Survey
state point boundary map
of the District

Secy
The proposals,
(1) to prepare desam maps
on the 8 inch scale
for the S.E. Wynaad, &
(2) to prepare field
measurement books for
the whole Nilgiris
District;

by the means
of the regular Survey
Staff Dept; may it
be submitted to the approved
The cost of the temporary
Establishment necessary
may be met as suggested
by the Board from
Savings under 3rd.
Land Revenue Survey,
Settlement - Revenue
Settlement - Sett Parties
Salaries.

It is too early in
the year not to ask full to
incur a transfer of funds
map

Yes
17/5/98
18/5/98

Then 2
Then 4
Then 6
Then 8

Dr Today
18/5/98

Read C.No. 3213 of
B.P. (R.G.) No 2855
28.4.98.

G.O. Misc. No. 2197 d/21st May
In the Circu
stances staⁿ the Govt
pleased to sanction the
Board's recommendation
that desam maps on the
8 inch scale for the South
East Wynaad, and field
meⁿent books for the
to the Nilgiri District
beⁿred by a special
teⁿ establishment
inⁿ supervision of the
Sⁿ Dept.

11/5/98
19/5/98

At 20.5.98.

To the Financial Deptⁿ for
for Concurrence or Remarks.

19/5/98
21/5/98
22/5/98

18/5/98

To the Board of Rev (R.G.)
To the Supt of Madras Survey
To the AG Financial
Dept.

18/5/98