(1) Number of Pages 60

(2) Date of repair 19. 5. 66

(3) Initials of the Referencer

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Rev. DEPARTMENT

G.O. No. / B.P. No. 67

Press / Mis.

Dated 16-1-1874 196 .

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, 16th January 1874.

Read again the following letters :—

From Government of India, dated 9th May 1873, No. 325, recorded in G. O., 17th May 1873, No. 495.

From the Superintendent of Revenue Survey, dated 13th December 1873, No. 3,130-109, recorded in G. O., 20th December 1873, No. 1,469.

No. 129. Read also the following letter from Colonel F. J. B. PRIESTLEY, Superintendent of Revenue Survey, to D. F. CARMICHAEL, Esq., Secretary to Government, Revenue Department, dated Ootacamund, 12th June 1873, No. 1,333-40.

I HAVE the honour to acknowledge the receipt of G. O., dated 17th May 1873, No. 495, calling for information regarding geographical materials available from the Madras Survey and the progress made in the Topographical Surveys of this Presidency.

2. In my letter, dated 20th July 1872, No. 1,581-45, I gave full information on these points and others connected with the Madras Survey, and I was in hopes that it would be communicated to the Supreme Government as it was submitted in reply to Resolution of that Government, dated 13th May 1872, No. 301, making a somewhat similar but more comprehensive call. I sincerely trust that the Supreme Government may not, in the absence of information, deal summarily with the Topographical portion of the Madras establishment as they have already done with the civil pay of Military Officers in the Department. In this case a general break-up may be anticipated, and the Department, to the construction of which I have devoted the last twenty years, I shall have the mortification of seeing totally overthrown from no shortcomings or misconduct on my part, but simply for want of support and assistance, I think I had every reason to look for, at the hands of Government.

G. O., 18th January 1873, No. 63.
From Superintendent of Revenue Survey, to Secretary to Government, 31st January 1873, No. 307-9.

3. I beg to submit a list* of maps other than village maps for transmission to the Government of India, and also a memorandum of the probable dates on which district maps, on the scale of 2 miles = 1 inch, will be ready. This memorandum is, however, merely an estimate. Many unforseen circumstances may occur to render it incorrect. The refusal of the Supreme Government to sanction an additional Topographical establishment, the estimate for which was submitted pursuant to their own order, and the negative to my application for a manipulator from Southampton are both drawbacks; on the other hand our having been able, in spite of all obstacles, to start Photo-lithography successfully is in favour of the estimate being correct.

*Will be delivered at the Government Office, Madras.

Dated 13th May 1872, No. 301.

Pay, Rs. 150 per mensem.

4. I venture to avail myself of this opportunity to solicit the Orders of Government on my proposals contained in letters dated, respectively, 22nd May

Proceedings of the Madras Government, Revenue Department,
16th January 1874.

1871, No. 1,138-42, and 20th July 1872, No. 1,581-45, of which I beg to enclose duplicate copies.

No. 130. ORDER THEREON, 16th January 1874, No. 67.

Miscellaneous.

ORDERED that the list of maps, received with the later of the letters above recorded, be forwarded to the Government of India with the intimation that the Governor in Council has under consideration some reports from the Superintendent of Revenue Survey, which will be submitted hereafter.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Secretary to Government.

Govt. of 1874 Madras.

REVENUE.

To

The Superintendent of Revenue Survey.

Dated January 16th.

Encl.

Recd.

G. O., 16th January 1874, No. 67.

JANUARY.

Nos. 129-130.

Geographical Materials from Madras Survey.—Ordering the transmission to Government of India of a list of maps received from the Superintendent of Revenue Survey, and intimating the future submission of some of that officer's report.

Probable date of completion of District Maps.

67/3

Years.	Districts.	Area Sqr. Miles.	Total	Remarks.
1873/74......	Tinnevelly...	4676		
	Trichinopoly....... ...	3515		
	Chingleput..............	2753		
	Nellore.......	8462		
	Kurnool............ ...	7358	26764	Nallamallai range incomplete.
1874/75......	Kistnah............ ...	8036		Revenue Survey completed.
	Salem..........	7483		Do.
	Godavery...............	6224	21743	Do.
1875/76......	Coimbatore....	7432		
	Neilgherries............	749		
	Wynaad..........	600	8781	
1876/77......	Cuddapah.......	8367		
	North Arcot.........	7139		
	Ganjam.............	4000	19506	
Commenced......	Madura..................	9502		
	Bellary..................	11007		
	South Arcot..........	4873	25382	
Not Commenced	Vizagapatam..........	5303		
	Malabar..................	5500		
	South Canara.........	3902	14705	
Excluded.........	Tanjore.................	3654		

R 1732/73

Enclosures in letter
No. to the Secret
to Govt. Rev. Deptt. of
12th June 1873.

1732

SO 16 January/74 No. 67
Ja B. f.o 129.

List of Maps forwarded to the Secretary to Government with reference to G. O. dated 17th May 1873 No. 495

67
4

District	Name	Area in sq Miles	Scale	Map	Remarks
	District Maps				
	Nellore	8644	½ inch = 1 Mile		
	Neilgherries	749	1 inch = 1 Mile		
	South Arcot	4873	½ inch = 1 Mile	One copy of each	Boundaries of Talugs according to Mr. Pelly's arrangements
	Tinnevelly	5176			
	Kurnool	7358			
	South Canara	3902			
	Bellary	11007			
	Kistna	8036			
	Total	49745			
	Talug Maps				
Godavery	Narsapur ×	432	1 inch = 1 Mile		
	Tanuku ×	365			
	Bhimaveram ×	321			
	Ramachendrapur ×	383			
	Amalapur ×	468			
	Rajahmundry ×	329			
	Yernagudem ×	342			
Kistna	Gudivada ×	595			
	Bander ×	546			
	Beywada ×	182			
	Nandigama ×	520			
	Repalli ×	628			
	Bapatla ×	679			

District	Name	area in sq. Miles	Scale	Map	Remarks
Kistna	Guntur ×	481	1 Inch = 1 Mile		
	Narsaraopet ×	685			
	Sattenapalli ×	671			
	Gudur Parganna	76			
Nellore	Nellore	638	1 inch = 1 Mile		
	Kavali ×	548			
	Kundukur	769			
	Ongole	784			
Chingleput	Sydapet ×	342	2 inches = 1 Mile		
Trichinopoly	Udiarpalayam ×	743	1 inch = 1 Mile		
	Perambalur ×	686			
	Mussari ×	758			
	Kulitalai	528			
	Trichinopoly ×	482	2 inch = 1 Mile		
Tinnevelly	Tinnevelly	312	1 inch = 1 Mile		
South Arcot	Chidambaram ×	373	2 inch = 1 Mile		
Neilgherry	Ootacamund Settlement	30	8 inch = 1 Mile		
	Do Do		2 inch = 1 Mile		
	Coonoor Settlement ×	12	8 inch = 1 Mile		
	Kotergherry Do	12	6 inch = 1 Mile		
	Do Do		2 inch = 1 Mile		
Coorg	Koorroonookal Nad ×	33	2 inch = 1 Mile		
	Total	14753			
	Hydrographic Maps				
South Arcot	Chidambaram & Manargudi	373			
Godavery	Bhimavaram	321	1 inch = 1 Mile		
	Eastern Delta	574	½ inch = 1 Mile		
	Central Delta	726			
Trichinopoly	Mussari	758	1 inch = 1 Mile		
Kurnool	Ramalkota	836	1 inch = 1 Mile		
	Nandikotkur	686			
	Nandyal	513			
	Sirwell	421			
	Total	5208			

District	Name	Scale	Map	Remarks
	Municipal &c. Maps			
Madras	Madras & Divisions ×	1,678 400 ft = 1 Inch 3,3 100 ft = Do 4,547 200 ft = Do		
Coimbatore	Coimbatore	16 inches = 1 Mile		
Tinnevelly	Palamcottah	16 inches = 1 Mile		
	Tinnevelly			
	Tuticorin	32 inches = 1 Mile		
	Portion of Tinnevelly coast with adjacent Islands	2 inches = 1 Mile		
Ganjam	Chicacole Town	16 Do Do		
Cuddapah	Cuddapah Town Cantonment	4 Do Do		
Kurnool	Kurnool	16 Do Do		
Trichinopoly	Trichinopoly Cantonment	5 Do Do		
	Trichinopoly Fort	32 Do Do		
Neilgherry	Wellington Cantonment	8 Do Do		
Coorg	Baleru Palace lands ×	16 Do Do		
	Nalkunad Do Do	16 Do Do		
	Mercara Town	6 Do Do		
	Veerajendrapet Town	16 Do Do		
	Railway station Maps			
Chingleput	Perambore	16 inches = 1 Mile		
	Avady			
	Tinnanore			
	Trivellore			
	Kadambathur			
Malabar	Conjecode			
	Palghaut			
	Purley			

District	Name	Scale	Map	Remarks
Malabar	Luckady	16 inches = 1 Mile		
	Wostapolliam			
	Puttambly			
	Cootipuram			
	Teroor			
	Tanoor			
Cuddapah	Kamalapuram			
	Yerraguntla			
	Muddanur			
	Koudapuram			
	Local Fund Circle Maps			
Godavery	Cocanada	½ inch = 1 Mile		
	Rajahmundry			
Nellore	Nellore			
Bellary	Bellary			
	Pennakonda			
	Gooty			
Kurnool	Kurnool			
Chingleput	Sydapet			
	Chingleput			
Tanjore	Tanjore			
	Negapatam			
Trichinopoly	Trichinopoly			
Madura	Madura			
	Dindigul			
Tinnevelly	Tinnevelly			
	Shermadavi			
Salem	Salem			
	Oossoor			

R. No. 1732 of 1873.
In B. No. 129

J. Priestley Col
Superintendent Rev. Survey

[illegible] to the [illegible]

No. 1333/40

67/6

Official Memo

The undersigned has the honour to state that the numbers of the accompanying letters will be communicated in a day or two

Rev. Survey Office
Camp Coonoor
14th June 1873

J. Priestley Col
Superintendent Rev. Survey

To
The Secretary to Government
Revenue Department

No. 1333/40

67/7

Revenue Survey Office.
Camp Ootacamund
12th June 1873.

From

The Superintendent Revenue Survey.

To

The Secretary to Government
Revenue Department.

SIR,

I have the honour to acknowledge the receipt of G.O. dated 17th May 1873 No. 495 calling for information regarding Geographical Materials available from the Madras Survey & the progress made in the topographical surveys of this Presidency.

2. In my letter dated 20th July 1872 No. 1581/45 I gave full information on these points & others connected with the Madras survey & I was in hopes that it would be communicated to the Supreme Government as it was submitted in reply to Resolution of that Govt. dated 13th May 1872 No. 301 making a somewhat similar but more comprehensive call. I sincerely trust that the Supreme Govt. may not in the absence of information deal summarily with the topographical portion of the Madras Establishment as they have already done with the civil pay of Military Officers in the Department. In this case a general break up may be anticipated & the Department to the construction of which I have devoted the last twenty years I shall have the mortification of seeing totally overthrown from no short comings or misconduc

purposes

G.O. 18th Jany/73 No. 63
From Supdt Rev Survey to Secy to Govt 21st Jany/73 No. 30/9

misconduct on my part but simply for want of support & assistance I think I had every reason to look for at the hands of Government.

3. I beg to submit a ^x^ list of maps other than village maps for transmission to the Government of India & also a Memo of the probable dates on which District maps on the scale of 2 miles = 1 inch will be ready. This Memo is however merely an estimate. Many unforeseen circumstances may occur to render it incorrect. The refusal of the Supreme Government to sanction an additional topographical establishment the estimate for which was submitted pursuant to their own order & the negative to my application for a Manipulator from Southampton are both drawbacks, on the other hand our having been able in spite of all obstacles to start Photo-Lithography successfully is in favour of the estimate being correct.

^x^ Will be delivered at the Govt. office Madras.

dated 13th May/72 No. 301

Pay Rs. 150 per mensem.

4. I venture to avail myself of this opportunity to solicit the orders of Government on my proposals contained in letters dated respectively 22nd May 1871 No. $\frac{1138}{42}$ & 20th July 1872 No. $\frac{1581}{45}$ of which I beg to enclose duplicate copies.

I have the honour to be
Sir
Your Most Obedt. Servant
J Priestley Col
Superintendent Rev. Survey

Compd [illegible]

C 12 Aug/74. R. 15th Jan 7/74

to [illegible] 11/73 No. 30 Oct/73

Rev. 1873 Sept

From No. 1732.

The Supdt Rev. Survey

To The Secretary to Govt.

Rev. Deptt

Dated 13th June 1873

Recd 18th [illegible]

T.D. No. 67 — 16 [illegible] No. 1333 / 40 74

Enclosures 3

Subject

Replies to G.O. of 17th May/73 No. 495 calling for information regarding Geographical Materials available from the Madras Survey & extracts the orders of Govt. on letters dated 23rd May/71 & 20th July/72 No. 1138 / 442 & No. 1581 / 458 of which copies are enclosed

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Extract from a letter from the Surveyor General of India to the Secty to the Government of India dated the 22nd February 1871 No. 324 67/

× × ×

3 There can be no doubt as stated in my former letter that it is high time, some of the Revenue Surveys of the Madras Presidency were brought into useful form for Geographical purposes and the materials incorporated in new editions of the sheets of the atlas of India. Until Colonel Priestley will give us Maps with data on the one inch and quarter inch scales nothing can be done towards the object in view

× × ×

5 The Superintendent of Madras Revenue Surveys has avowedly very heavy duties to perform in regard to settlement or demarcation as well as Cadastral measurements, and his existing establishment, I believe is in no way calculated or intended, for the very heavy task which now devolves, of bringing so many years survey into a tangible state for Geographical purposes

urposes. The necessities and requirements of the Settlement, it is admitted, re very great, but I submit that this s no reason whatever for the suspension of the due preparation and publication of Maps, such as we now allude to, which ught to be rendered available within reasonable period from the time urvey. And it will be true economy in my opinion to give Colonel Priestley the proper means to endeavour to bring up some of the heavy arrears of mapping on the smaller scales which forms a great desideratum after so many years of Survey.

× × ×

Extract from a letter from the Surveyor General of India to the Secretary to the Government of India dated Mussoorie the 7th October 1870 No. 533 A

× × ×

4 Colonel Priestley has described the means now taking to fill up the district Maps of the Madras Revenue Surveys, which appear highly judicious and proper. It is very satisfactory to find that something practical and useful for geographical purposes is likely to be done after so many years of progress of these surveys. The only regret is that a continuous and sy atic procedure in taking up what a termed the Zemindaree lands, or in filling up the gaps now referred to, was not followed in the first instance or certainly some years ago 67/12

5 It will be money well lai out if the hands of the Superintenden of Madras Revenue Surveys are strengthened so as to enable him to make good progress with the 4 inch scale Survey of the Zemindary blocks, whereby the Revenue Survey materials so long lying idle may be utilised for geographical purpose and complete distric Maps on a tangible scale rendered.

Revenue Survey Office
Camp Coimbatore
20th July 1872

(True Extract)
(Signed) J. Priestley Col
Superintendent Rev Survey

Compd Gd

Proceedings of the Madras Government, Revenue Department,
1st February 1872.

67/13

67/11

No. 10. Read the following despatch from the Right Honourable the Secretary of State for India, (Geographical,) to His Excellency the Right Honourable the Governor in Council, Fort St. George, dated India Office, London, 2nd November 1871, No. 3:—

I HAVE to acknowledge the receipt of your Excellency's despatches dated November 24th (Revenue No. 38), 1870, January 30th (Revenue No. 3), and March 13th (Revenue No. 12), 1871, advising the despatch of cases of Maps which have been duly received, and of that dated July 8th (No. 19, Public), 1871, forwarding Mr. Pogson's report on the arrangements for the registry and reduction of meteorological observations in your Presidency.

2. The scientific accuracy and precision with which the village Maps have been constructed reflect great credit on Colonel Priestley and his staff, and furnish conclusive evidence of the efficiency of the system adopted for the Madras Revenue Survey. The work is, indeed, quite on a par with anything that has been executed in Europe. I perceive that progress has been made in filling up the gaps which were originally left through the omission of rent-free lands, and that the topographical surveys executed for this purpose contain almost all the detail that can be desired. I observe, however, an absence of figures showing the height above the sea of peaks and high ground—a point to which Colonel Priestley's attention should be called.

3. The series of beautiful Maps on a scale of one inch to the mile, and of Memoirs giving the results of surveys made under the auspices of the Madras Military Institution and of Colonel Colin Mackenzie, and others in the commencement of the present century, is both interesting and valuable. It is desirable that this series, preserved for reference in the Geographical Department of the India Office, should be complete; but I find that this is very far from being the case. There are very few copies of the original Maps here, and several volumes of the Memoirs are also missing. I presume that complete sets both of the Maps and Memoirs are preserved at Madras, either in the Office of the Secretary in the Department of Public Works, or in that of the Superintendent of the Revenue Survey. I enclose a list of such of the Memoirs and M. S. Maps referred to as are now in the India Office, and I request that you will cause a list to be prepared and forwarded to me of such volumes of the Memoirs as are missing from the India Office set, and of the Maps which belong to them, as well of other Maps which are wanting to complete the set here. If duplicates exist in Madras, one copy of each might be transmitted to this Office; if not, I shall be glad to be furnished with an estimate of the cost of making copies of the missing volumes and Maps, which are necessary to complete the India Office set.

4. With reference to the papers forwarded with my despatch in this department, dated May 1st (No. 2), 1871, I request that you will furnish me with the views of your Government on the requirements of the Madras Presidency with regard to the execution and revision of Marine Surveys.

Proceedings of the Madras Government, Revenue Department, 1st February 1872.

No. 11. ORDER THEREON, 1st February 1872, No. 206.

Miscellaneous.

12th October 1870, No. 1,547.
21st Nov. ,, ,, 1,817.
27th January 1871, ,, 188.
7th March ,, ,, 414.

ORDERED that the foregoing despatch be communicated to the Superintendent of Revenue Survey and to the Board of Revenue, with reference to the Proceedings of Government noted in the margin, and that Colonel Priestley's attention be called to the observation of the Secretary of State at the end of paragraph 2.

2. The subject of paragraph 3 of the despatch will receive attention in the Public Works Department, and that of paragraph 4 in the Marine Department.

(True Extract.)
(Signed) W. HUDLESTON,
Secretary to Government.

To the Superintendent of Revenue Survey.
,, the Board of Revenue.
,, the Public Department.
,, the Public Works Department,
with two catalogues (one of Maps and the other of Memoirs) received with the despatch.
,, the Marine Department.

xd. F. R. Bantleman.

Govt. of (1872) Madras.

REVENUE.

To
THE SUPERINTENDENT OF REVENUE
SURVEY,
&c., &c., &c.

Dated February 1st.
Recd.

G. O., 1ts February 1872, No. 206

FEBRUARY.
Nos. 10-11

Village Survey Maps.—Despatch from Home Government recording observations regarding the scientific accuracy and precision with which they have been constructed, communicated to Superintendent, Revenue Survey, and Board of Revenue. The other points noticed in the despatch referred to the departments concerned.

67/15

Extract from a letter from the Survey General of India to the Secretary to Government of India dated 22d Februar No. 324.

6 The state of the Madras Presiden is altogether different from that of Bombay. In the former, we have both new Surveys of a proper characte going on and also the whole of the Atlas sheets of the Southern Peninsula published from the old Military Institution Survey so that there is no object whatever in Madras of compiling and putting together for tempor purposes, desultory and incongruous old materials which would be tedio as well as expensive and of no use.

Rev Survey office
Camp Coimbatore
20th July 1872

(True Extract)
(Signed) J Priestley Col
Superintendent Rev Survey

Comp. G.J

Proceedings of the Madras Government, ~~Revenue~~ Department,
7th December 1870.

No. 156. Read the following endorsenent of the Secretary to the Government of India, Home Department:—

Read the following letter from the Secreary to the Government of India, Home Department, (Geographical,) to the Surveyor-General of India, dated Simla, 3rd September 1870, No. 328.

I AM directed to acknowledge the receipt of your letter, No. 289-F., dated the 2nd ultimo, on the subject of the representation made by the Government of Madras regarding a supposed revision of the old survey of the Neilgherry Hills.

2. In reply, I am to inform you that the Governor-General in Council concurs in the views, expressed in the 26th paragraph of your letter, as to the action of Colonel Saxton in communicating direct with the Government of Madras. The instructions which you have given for his future guidance, and which may be promulgated throughout your department, are also approved, with the qualification that an Executive Officer may, if he find it necessary, owing to a reference from a Local Government, or to other causes, address the Local Government without previous reference to the Surveyor-General. In this case, he should, however, send a copy of his letter or report to the head of his department without delay for information.

3. A copy of your letter under acknowledgment, and of this reply, will be furnished to the Government of Madras.

No. 329.

COPY of the above correspondence forwarded to the Government of Madras for information, with advertence to communication thence, No. 523, dated 13th April 1870. Attention is, at the same time, drawn to the letter noted on the margin, with reference to the 27th paragraph of Colonel Thuillier's Report.

From Secretary to the Government of India, Home Department, to the Acting Secretary to the Government of Madras, No. 96, dated the 12th March 1870.

(Signed) E. C. BAYLEY,
Secretary to the Government of India.

No. 157. ORDER THEREON, 7th December 1870, No. 1,965.

Land Revenue.

COMMUNICATED to the Superintendent of Revenue Survey for any observations which he may desire to offer.

2. With advertence to the concluding sentence of their docket, No. 329, the Government of India will be referred to this Government letters, under date 8th August and 12th October 1870, Nos. 1,186 and 1,551.

(True Extract.)

(Signed) W. HUDLESTON,
Secretary to Government.

o the Superintendent of Revenue Survey.

xd. F. R. Bantleman.

Communicated to Capt R O B Clay Ag Dy Supt No 3 Rev Survey for information with a copy of the letter No 289 of the 2nd August 1870 referred to in it

Col.

Rev Survey Office.
Chepauk
January 1871 } Superintendent Rev: Sur

Govt. of 1870: Madras.

REVENUE.

To
THE SUPERINTENDENT, OF
REVENUE SURVEY.

Dated December, 7th.
Recd.

SUPERINTENDENT
9 12 1870
REVENUE SURVEY

G. O., 7th December 1870, No. 1,965.

DECEMBER.
Nos. 156-157.

Old Survey of the Neilgherries.—Correspondence from the Surveyor-General of India regarding its revision, communicated to Superintendent of Revenue Survey for observations.

62/17

Proceedings of the Madras Government, Revenue Department, *18th April* 1871.

No. 182. Read the following letter from the Superintendent of Revenue Survey, to the Secretary to Government, Revenue Department, Fort Saint George, dated Bangalore, 25th February 1871, No. 509-20:—

I HAVE the honour to acknowledge the receipt of the Order of Government, dated 7th December 1870, No. 1,965, communicating to me, for observations, correspondence from the Surveyor-General of India on the old survey of the Neilgherries.

2. In paragraphs 3, 4, 15, and 16, the Surveyor-General points out that the cause of the misconception with regard to the nature of the work to be performed by Colonel Saxton arose from the mistaken and unauthorized version of it by Colonel Saxton in his memorandum of the 15th October, submitted, without sanction, direct to the Madras Government; that the term "revise" made use of by him was quite inapplicable, and that the memorandum itself altogether conveyed an erroneous and unfortunate impression; that it was drawn up in excess of his instructions; and that, had the Surveyor-General ever seen it, he would have prevented the submission to the Madras Government of a document so likely to cause complications. These statements will, I trust, be considered to excuse my having misapprehended the nature of Colonel Saxton's proposed operations, and absolve me from the charge of over sensitiveness made by Colonel Thuillier in a subsequent paragraph.

3. Had I understood what the contemplated work really was, I should not have presumed to offer any remarks on its necessity or the reverse, it being of a description altogether foreign to, and beyond that of, a Revenue Survey. In the remarks I did make, I endeavoured, as far as possible, to confine myself to facts.

4. I have on more than one occasion gratefully acknowledged the valuable advice and assistance at all times afforded by the Surveyor-General of India, and have every desire to reciprocate his good offices as far as lies in my power. With reference to the remarks he makes in paragraphs 7, 17, 18, and 27, on the non-submission of the results of the labours of the Madras Revenue Survey in a complete and systematic form, I have already explained to Government that the narrow view at first taken of its sphere of action by confining its operations exclusively to land paying tax to Government prevented the preparation of district or even taluq maps in a complete and systematic manner.

Colonel Thuillier's letter, paragraphs 19 and 20.

Paragraph 3 of report printed in G. O., dated 14th November 1870, No. 1,791.

5. It cannot be imagined that I am indifferent to, or that I cannot appreciate the credit that would be gained by this department in contributing to the revision of the Atlas of India; but hitherto, as already explained, it was out of my power to do so. I am happy, however, now to be in a position to say that I have under preparation a complete map of one district, and that I trust for the future to be able to publish with little interruption similar maps of other districts as the portions formerly excluded are surveyed.

6. I do not think I can be charged in any way whatever with an unwillingness to afford the Surveyor-General either information regarding the mode of conducting the Madras Surveys, or

21st February 1867.
29th November 1867, No. 2,212-340.

the limited fruits of its labours. The accompanying letter from him and my reply I trust proves this.

7. There is nothing in Colonel Saxton's letter which calls for notice, unless the commencement of the 7th paragraph is meant to imply that I have shown myself neither ready nor willing to assist him. He never on any occasion deemed it necessary to address me, but I may mention that, according to departmental rules, his applications to Major Hesse were referred to me for approval.

8. In paragraph 9 of his letter, Colonel Saxton expresses an opinion that, if Government had sent him my letter, he could have easily removed my unfortunate misapprehensions of improper interference with the department. I cannot, on the other hand, help thinking that if Colonel Saxton could have brought himself to address me in the first instance, and explaining his object to have applied to me for such aid as I could afford, it would have been on the whole better. Neither the Supreme Government, that of Madras, nor the Surveyor-General, would have then been troubled with what is now explained to be a matter of very small importance, but which at the time certainly appeared hostile to this department, the more so from the studious avoidance on Colonel Saxton's part of any recognition of the head of it.

9. Colonel Saxton puts on record that I omitted to notice some defects in the Table of Altitudes. I submit that it would have been an impertinence on my part to do so, when the only question at issue was the existence of the Survey Registers, in discovering which, I performed a duty that had been neglected by those whom it specially concerned.

No. 183.

ORDER THEREON, 18th April 1871, No. 692.

Land Revenue.

ORDERED to be recorded.

(True Extract.)

(Signed) F. BRANDT,

Under-Secretary to Government.

To the Superintendent of Revenue Survey.

Exd. F. R. Bantleman.

Govt. of 1871 Madras.

REVENUE. No 148

To

THE SUPERINTENDENT OF
REVENUE SURVEY.

Dated *April 18th.*
Recd. 20/4/71

SUPERINTENDENT · REVENUE SURVEY
1871
20 · 4

Encl.

G. O., *18th April* 1871, *No.* 692.

APRIL.
Nos. 182-183.

Old Survey of the Neilgherries.—Observations of the Superintendent of Revenue Survey on the letter from the Surveyor-General on this subject, recorded.

67/19

vernment, Revenue Department,
l 1870.

om the Secretary to the Government of
ue—Geographical, to the Acting Secretary
t George, dated Fort William, 12th March

I am directed to acknowledge t ceipt your letter, No. 215, dated 15th ultimo, furnishing information on certain points connected with the organization of the Madras Revenue Survey.

2. In reply I am to say that the Governor-General in Council would wish for further information regarding the nature of the intermediate Topographical Survey of tracts not surveyed on the sixteen-inch scale. It is assumed that, in the accuracy of its geodetic basis, it does not fall short of the Revenue Survey; but the scale is not stated, nor the amount of detail given. It is also not shown, with sufficient clearness, what has been done towards compiling and reducing the village Maps. I am therefore to request that a fuller report on these points may be submitted.

3. I am to add that the Governor-General in Council is of opinion that if good Maps, on the scale of four inches to the mile, can be produced by any moderate expenditure, it will be economical to prepare them even for the use of the Government, and that such Maps will probably be to some degree re-productive.

4. A specimen of the Maps on the scale, 4 inches=1 mile, prepared under the superintendence of the Surveyor-General in the Bengal Presidency will be sent for the inspection of the Governor in Council.

No. 13. Order thereon, 1st April 1870, No. 431.

Land Revenue.

Forwarded to the Superintendent of Revenue Survey who will be good enough to submit, with as little delay as possible, the further report called for in paragraph 2, and will state his opinion regarding the probable expense of preparing the Maps referred to in paragraph 3.

2. The Map mentioned in paragraph 4 will be forwarded for his inspection when received.

(True Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

To the Superintendent of Revenue Survey.

Exd. F. R. Bautleman.

Govt. of {1870} Madras.

VIII

REVENUE.

To

THE SUPERINTENDENT OF

REVENUE SURVEY.

Dated April 1st

Recd.

G. O., 1st April 1870, No. 481.

SUPERINTENDENT REVENUE SURVEY
2 . 4
1870

APRIL.
Nos. 12-13.

Madras Revenue Survey.—Superintendent requested to submit, with as little delay as possible, the further report required by the Government of India in connection with its organization.

67/28

Proceedings of the Madras Government, Revenue Department, *17th March* 1869.

No. 423. Read the following Proceedings of the Board of Revenue, dated 17th February 1869:—

Read the following letter from the Superintendent of Revenue Survey, to the Secretary to the Board of Revenue, dated Chepauk, 21st January 1869, No. 113-4.

1. In their Order, dated 3rd September 1868, No. 2,318, Government concur with the Board of Revenue in considering it desirable that the Survey Department should prepare complete maps of the several districts, and desire to be informed of the arrangements proposed for carrying this design into effect, and to be furnished with an estimate of the probable cost.

2. I would propose to make use of the Demarcation Department for the purpose of defining boundaries in all districts where its services are available. The small detachment thus required would, I think, be easily spared for the short time it would be wanted to mark out the necessary boundaries.

3. In the districts where the aid of the Demarcation Department cannot be obtained, I would propose to ask for the assistance of the Local Officers, and from the reception similar proposals have met with in the few instances they have been made, I have no doubt of its being willingly given. Among the many advantages of entrusting the definition of these boundaries to the District Officers, I may mention that their superior local knowledge and the greater confidence the inhabitants have in their decision enable them to bring disputes to a close after a much shorter enquiry than when conducted by the Officers of the regular Demarcation Establishment. It is possible, indeed, that, in some cases, their own duties may be so onerous as to prevent their undertaking immediately the definition of boundaries within their limits, or perhaps of completing the work without interruption. If, however, this operation be commenced before long in the districts to be first taken in hand, I feel certain that but little delay to the survey is likely to result. The line of boundary having been determined and temporarily marked by the District Officers, the Surveyors could themselves have the necessary permanent demarcation performed during survey.

4. With regard to Zemindaries, I concur with the Board in opinion that it is not advisable to mark and survey village boundaries. I would not, moreover, advocate the same minute demarcation as in Government territory.

5. With a view to obtain the information called for, I have had several tracts of Zemindary land in the Nellore District surveyed as an experiment, and beg to submit the map of one of them containing 58½ square miles as a specimen of the proposed survey. This survey has been performed at the very moderate cost of about Rupees 10 per square mile.

6. Taking into account all the topographical work hitherto completed by this Department, we arrive at an average cost per mile of Rupees 13-14-11, ranging from Rupees 8½ to Rupees 31½. In the experimental one, however, but little has been expended on demarcation, for which some allowance must be made. I would, therefore, set down the probable cost of survey and demarcation in the plains as Rupees 20 per square mile at the outside.

	RS.	A.	P.
Godavery	11	1	11
Kistna	11	2	5
Salem	9	10	1
Nellore	14	15	5
Coimbatore	10	13	2
Tinnevelly	8	7	6
Kurnool	13	1	11
Madras	31	7	2
	8)111	7	3
	13	14	11

Proceedings of the Madras Government, Revenue Department, 17th March 1869.

7. In hilly and wild jungly tracts, the expense would be less, as the scale of the survey need not be so large as elsewhere and the plane table with points trigonometrically fixed would be substituted for the more expensive and accurate processes elsewhere required. From Rupees 12 to Rupees 15 per square mile would, therefore, I think, meet the expense of survey operations in such localities.

SUBMITTED for the orders of Government.

2. The Board consider Colonel Priestley's proposals judicious, and anticipate no difficulty in having the demarcation carried out in communication with the local authorities when the special Department is not available.

3. Any exceptional necessity for the appointment of an extra officer will be brought to the notice of Government in cases where the boundary with a Native State or Zemindary is in dispute.

4. The Board are of opinion that the objects sought, warrant the expenditure of the sums named by Colonel Priestley *i. e.* 20 Rupees per square mile for settled parts, and 12—15 in hilly or jungly places.

No. 424. ORDER THEREON, 17th March 1869, No. 720.

Miscellaneous.

1. The arrangements proposed by the Superintendent of Revenue Survey, and concurred in by the Board of Revenue, for the preparation of complete maps of the several districts, are approved.

2. The Government observe that the probable expenditure will be 20 Rupees per square mile, for settled parts, and from Rupees 12 to Rupees 15 in hilly and jungly quarters. An estimate of the total cost of the measure is desirable, and the Board will be requested to submit one, in communication with Colonel Priestley.

(True Extract.)

(Signed) R. A. DALYELL,

Acting Secretary to Government.

To the Board of Revenue.
,, the Superintendent of Revenue Survey.
,, the Director of Revenue Settlement.

Exd. G. A. Turton.

19/67

Govt. of {1869} Madras.

REVENUE.

To

THE BOARD OF REVENUE,

&c., &c., &c.

Dated March, 17th.

Recd.

Encl.

G. O., 17th March 1869, No. 720.

MARCH.

Nos. 423-424.

Survey Maps of the Madras Presidency.—Arrangements proposed by the Superintendent of Revenue Survey for their preparation, approved.

X

Proceedings of the Madras Government, Revenue Department, *22nd February 1872.*

62/22

No. 257. Read the following letter from the Superintendent of Revenue Survey, to the Secretary to Government, Revenue Department, Fort St. George, dated Chepauk, 6th January 1872, No. 20-3:—

Referring to G. O., dated 3rd October 1871, No. 1,727, I have the honour to submit a scale of additional establishment for the purpose of accelerating the completion of the four-inch topographical survey of Zemindaries and tracts originally excluded from the operations of the Madras Revenue Survey, and for working up the materials thus obtained into a form useful for geographical purposes, in accordance with the desire of the Surveyor-General of India, a desire which has also the approval of the Supreme and Home Governments.

To Secretary to Government of India, No. 533, 7th October 1870, paragraph 4.

To Secretary to Government of India, No. 324, dated 22nd February 1871, paragraphs 2 and 6.

2. It is to me a source of great gratification to find that the Surveyor-General expresses himself satisfied with the manner in which the surveys of this Presidency, under my superintendence, are and have been carried out. I believe that to his advocacy at the commencement is, in a great measure, due the more accurate nature of our operations than was by some considered necessary for a Revenue Survey; but I trust I may be permitted to state that I was myself fully impressed with the necessity of accuracy, if any thing was contemplated of a general or extended nature.

3. In submitting the estimates of establishment required, I beg to observe that, as no exception is taken to the mode of conducting our surveys, and as I have at no time declined to undertake any duty that Government might consider fit to entrust to me, it appears to me that all requirements will be met if I can undertake to supply taluq and district maps on the one-inch and half-inch scale within a reasonable period.

4. I beg to append a list of taluq maps, etc., comprising an area of square miles 11,705, of which three lithographed copies each have been furnished to the Surveyor-General of India.

List of Taluq Maps, etc., of which three lithographed copies each have been supplied to the Surveyor-General of India.

District.	Taluq.	Area in square miles.
Godavery ...	Narsapur	432
	Tanuku	365
	Bhimavaram	321
	Ramachendrapuram	383
	Amalapur	468
	Rajahmundry	329
	Yernagudam	342

LIST of Taluq Maps, etc.—(*Concluded.*)

District.	Taluq.	Area in square miles.
Kistna ...	Gudivada	595
	Ban[illegible]r	546
	Bez[illegible]ada	182
	Na[illegible]ligama	520
	Narsaraopet	685
	Sattanapalli	671
	Repalli	628
	Bapatla	679
	Guntur	481
Nellore ...	Kavalli	548
Chingleput ...	Sydapet	342
Trichinopoly ...	Udiarpoliam	743
	Perambalore	686
	Musari	758
	Trichinopoly	557
South Arcot ...	Chidambaram	373
Nilgiris ...	Coonoor Settlement, including Wellington ...	10
	Total...	11,644
	Miscellaneous Map.	
Madras ...	8 Municipal Divisions...	27
Coorg ...	Horoornoorakul Nad	33
	Haleri Palace lands	1
	Grand Total...	11,705

CHEPAUK,
6th January 1872.

(Signed) F. J. B. PRIESTLEY, Colonel,
Superintendent, Revenue Survey.

ENCLOSURE No. 1.

SCALE of proposed Establishment for the Topographical Survey of Zemindaries, and excluded Hills and Jungle.

Rank.	Number.	Rate of pay.			Total.			Total pay of each rank.		
		RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
1st Assistant Superintendent, Revenue Survey	2	*600	0	0	1,200	0	0	...	...	...
2nd Assistant or Civil Assistant	1	*300	0	0	300	0	0	1,500	0	0
Sub-Assistant	1	250	0	0	250	0	0	...	...	...
Do.	1	200	0	0	200	0	0	...	...	...
Do.	1	150	0	0	150	0	0	600	0	0
Head Surveyor	2	100	0	0	200	0	0	...	...	...
Do.	2	80	0	0	160	0	0	360	0	0
Topographical Surveyors	12	50	0	0	600	0	0	...	...	...
Do.	24	40	0	0	960	0	0	1,560	0	0
Duffadar	2	10	8	0	21	0	0	...	...	...
Head Peons	12	8	0	0	96	0	0	...	...	...
Do.	40	7	8	0	300	0	0	...	...	...
Peons and Measurers	60	7	0	0	420	0	0	...	...	...
Do.	80	6	8	0	520	0	0	1,357	0	0
Head Clerk	2	60	0	0	120	0	0	...	...	...
Clerk	2	25	0	0	50	0	0	...	...	...
Do.	2	15	0	0	30	0	0	...	...	...
Vernacular Clerks	2	15	0	0	30	0	0	230	0	0
Head Computer	2	40	0	0	80	0	0	...	...	...
Computers	4	20	0	0	80	0	0	...	...	...
Cash-keeper and Accountant	2	25	0	0	50	0	0	210	0	0
Record and Store-keeper	2	30	0	0	60	0	0	...	...	...

* Average exclusive of Military pay.

62/23 X

SCALE of proposed Establishment, etc.—(*Concluded.*)

Rank.	Number.	Rate of pay.			Total.			Total pay of each rank.		
		RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Record Goomastahs	4	15	0	0	60	0	0	...	...	...
Do.	2	10	0	0	20	0	0	140	0	0
Head Draughtsman	2	50	0	0	100	0	0	...	...	...
Draughtsman	6	30	0	0	180	0	0	...	...	...
Do.	6	20	0	0	120	0	0	...	...	...
Do.	8	15	0	0	120	0	0	520	0	0
Head Moochy...	2	10	0	0	20	0	0	...	...	...
Moochy	2	8	0	0	16	0	0	...	...	...
Do.	6	7	0	0	42	0	0	78	0	0
Office allowance	...	...	...	...	...	...	...	120	0	0
Batta and travelling allowance	...	...	...	...	...	...	...	1,000	0	0
Contingencies	...	...	...	...	...	...	...	200	0	0
Total for two Parties.	296	...	...	...	6,555	0	0	7,875	0	0
Do. for one year.	...	...	...	...	...	...	...	94,500	0	0

CHEPAUK,
6th January 1872.

(Signed) F. J. B. PRIESTLEY, Colonel,
Superintendent, Revenue Survey.

ESTABLISHMENT for compiling and lithographing Maps in the Central Office.

Rank.	Number.	Rate of pay.			Total.			Total pay of each rank.		
		RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Civil Assistant	1	350	0	0	350	0	0	350	0	0
Draughtsman	1	120	0	0	120	0	0	...	...	...
Do.	1	100	0	0	100	0	0	...	...	...
Do.	1	50	0	0	50	0	0	...	...	...
Do	2	30	0	0	60	0	0	...	...	...
Do.	2	20	0	0	40	0	0	370	0	0
Draughtsman Examiner	1	70	0	0	70	0	0	...	...	...
Do.	1	60	0	0	60	0	0	130	0	0
Tracer...	1	20	0	0	20	0	0	...	...	...
Do.	1	15	0	0	15	0	0	...	...	...
Do	1	10	0	0	10	0	0	45	0	0
Typers...	2	10	0	0	20	0	0	20	0	0
Record-keeper...	1	15	0	0	15	0	0	...	...	...
Assistant Record-keeper	2	10	0	0	20	0	0	35	0	0
Moochies	2	7	0	0	14	0	0	...	...	...
Do.	4	6	0	0	24	0	0	38	0	0
Lithographic Establishment.										
Printers	2	15	0	0	30	0	0	...	...	...
Pressmen	4	8	0	0	32	0	0	...	...	...
Inkmen	2	7	0	0	14	0	0	...	...	...
Stone-cleaners...	4	6	0	0	24	0	0	100	0	0
Total for one month...	36	...	...	...	1,088	0	0	1,088	0	0
Do. for one year ...	...	...	...	...	...	...	...	13,056	0	0

CHEPAUK,
6th January 1872.

(Signed) F. J. B. PRIESTLEY, Colonel,
Superintendent, Revenue Survey.

Proceedings of the Madras Government, Revenue Department,
22nd February 1872.

No. 258. ORDER THEREON, 22nd February 1872, No. 328.

Miscellaneous.

ORDERED to be forwarded to the Government of India in the Agriculture, etc., Department, with reference to paragraph 4 of Colonel Thuillier's letter, dated 22nd February 1871, communicated with Mr. Secretary Hume's letter, No. 69 (Surveys), dated 24th July 1871.

(True Extract.)
(Signed) W. HUDLESTON,
Officiating Chief Secretary.

To the Superintendent of Revenue Survey.

Exd. J. Tulloch.

3 X

Govt. of {1872} Madras.

REVENUE.

To

THE SUPERINTENDENT OF

REVENUE SURVEY.

Dated February 22nd

Recd.

SUPERINTENDENT REVENUE SURVEY 1872 26. 2

Encl.

G. O., 22nd February 1872, No. 328.

FEBRUARY.

Nos. 257-258.

Topographical survey of Zemindaries originally excluded from survey.—Scale of additional establishment required for accelerating its completion ordered ~~to be forwarded~~ to the Government of India.

67/35

rnment, Revenue Department,

ber 1870.

the Superintendent of Revenue Survey,
ment, Revenue Department, Fort Saint
gust 1870, No. 2,199-57 :—

30th June 1870, No. 1,002.

ernment call on me for information on
ertain subjects connected with the
Survey, I now do myself the honour to
submit a report on the points referred to.

2. I beg to attach copy of two letters, addressed me by the Acting Deputy-Superintendent and by the 1st Assistant Superintendent in charge of the Cuddapah Survey, reporting the causes that have delayed the preparation of survey records, etc., in the district.

ENCLOSURE No. 1.

15. The cost of sub-dividing fields in the four taluqs of the Kurnool District, referred to in paragraph 15 of the report, appears heavy, and the Government desire to be informed as to the period at which these operations will be concluded.

I. Sub-division of fields, Kurnool.—Only sixteen villages are incomplete. All, except one, will be finished by the end of the month. The remaining one will be ready when the alterations in the demarcation sketches have been completed, which are at present being made in the Settlement Office.

16. Classification by the Settlement Department in the district of Cuddapah must now be approaching completion, and the correct survey areas will, therefore, be required at no distant period. Colonel Priestley is requested to report how soon the whole district will be ready for settlement.

II. Cuddapah areas.—Some have been already furnished; but changes in the demarcation have rendered alteration in the Survey Accounts necessary.

Vide letters from the Acting Deputy-Superintendent and Assistant Superintendent in charge of Cuddapah, Nos 618-240 and 645-258, of 1st and 12th August 1870.

Jammalmadoogoo and Prodatoor Taluq areas will be ready in a month.

Cuddapah Taluq areas by the end of the year.
Budwail and Sidhout Taluqs during 1871.

It is impossible to estimate the time survey areas will be ready of taluqs in some of which even demarcation has hardly been commenced.

18. It does not appear from the report that lithographed maps have, in all cases, been prepared for those taluqs which have been surveyed. As a general principle, mapping should keep pace with the progress of the Survey.

III. Non-preparation of maps for surveyed taluqs.—As explained in my letter to Government, dated 29th June 1870, No. 1,674-42, the tracts of unsurveyed land in most taluqs, consequent on the exclusion, by the Demarcation Department, of Zemindari and land unprofitable to Government, caused such unsightly gaps that

I delayed printing these taluq maps, until I could complete the survey under the Order of Government, dated 11th March 1859, No. 720. A sketch to illustrate the detached nature of the demarcation in four northern districts is appended. A map of Salem was submitted with their Proceedings, dated 19th August 1868, by the Board of Revenue, No. 5,965.

19. In concluding his report, Colone Priestley remarks that about 4,000 square-mile have been completed, and are " ready for settl ment." The Government, however, obser that this aggregate is not compact, but inclu isolated areas on which the Settlement Der ment cannot as yet commence operations. Government suggest to the Superintendent wh ther it would not be advisable to ntrate work more than is at presen tracts of country, sufficiently large and compact to admit of immediate settlement, should be ready for the Settlement Department.

decided in the negative, I have seen no reason hange the opinion I gave at the time.

With special reference to the employment of two parties in Cuddapah, in addition to the serious delays and impediments referred to by Mr. Master in his letter just quoted, the following objections to the arrangement strike me :—

I.—The move itself of 200 miles would be expensive both to Government and to individuals.

II.—The division of the party by such a distance would cause confusion in returns and accounts.

III.—There would certainly be a difficulty with regard to accommodation.

IV.—That this separation will form the limited extent of country remaining to be surveyed in the Cuddapah District, probably be continued for some years. The Ameens will complete their work, and leave the district as the detail Surveyors enter it.

V.—That a sufficient area is not ready demarcated to keep the two parties at work.

Extract from paragraph 5 of letter from the Director of Revenue Settlement, dated 7th June 1862, *No.* 760-51, *printed in Proceedings Board of Revenue, No.* 3,690, *of 9th June* 1862.

Major Priestley is, however, of opinion that two full survey parties cannot be efficiently worked in the same district, and I am inclined, from my experience, to agree with him. The operations would be carried on simultaneously in so many villages that the arrangements, which are now made to prevent, as far as possible, obstruction to the work during the Jamabundy and at other seasons when the village officers are called away by the Revenue authorities, would be impossible, and serious delays and impediments, which greatly increase the cost of the work, would be unavoidable.

(A true Extract.)

Chepauk,
26th August 1870.

(Signed) F. J. B. PRIESTLEY, Colonel,
Superintendent of Revenue Survey.

Enclosure No. 2.

From the Acting First Assistant Superintendent of Revenue Survey, in charge of No. 3 Party, to the Superintendent of Revenue Survey, Chepauk, dated Cuddapah, 12th August 1870, No. 645-258.

In reply to your letter, No. 1,998-149, dated 5th August 1870, calling for information regarding the circumstances which retarded the completion of the computation of areas and mapping in this district, I have the honour to inform you that one of the chief causes is the large proportion of corrections found to be necessary in the records received from the Settlement Department. I beg to enclose a list of these for your information ; even on this date there are a few of the sketches in the Settlement Office awaiting amendment.

---

2. I further beg to inform you that, since the receipt of your letter, No. 1,048-80, of 20th May 1869, every exertion has been, and is being made, to reduce the ratio in advance by the field over the office-work, with some measure of success. This station, through reason of its being unhealthy, is not popular, and much difficulty is experienced in *keeping* men of even ordinary intelligence when they are obtained, thus involving frequent changes ; this necessarily tells on the work to some extent.

Statement showing the number of villages re time to time to Settlement Department for cor

No.	Taluq.	Total No. of villages.	Numb of villag urne for correction.	Date on which Demarcation records were originally received from Settlement Department.	Date of last correction received from Settlement Department.
1	Prodatoor	63	35	5th January 1866...	14th June 1870.
2	Cuddapah	124	59	21st August ,, ...	25th July ,,
3	Sidhout	75	47	2nd Nov. 1867...	20th May ,,
4	Budvail	98	83	17th Sep. 1868...	23rd July ,,
5	Pullemput up to 30th June 1870	69	53	8th Feb. 1869...	27th July ,,
		429	277		

Cuddapah,
12th August 1870.

(Signed) T. A. TOMLINSON,
Ag. 1st Asst. Supt. of Revenue Survey in charge.

Enclosure

From the Acting Deputy-Superintendent of Rev
Superintendent of Revenue Survey, Chepa

I have the honour to acknowledge the recei

Circular, No. 1,765-109, of 12th July 1870.

of areas of surveyed taluqs, and my views on the
Survey should be more concentrated.

2. The areas of the villages in
Settlement Department, but in conseq
Department in the Sub-division, and
This work will be compl

3. The areas of t

4. Those for
present year, and

5. It wou
compact tract
to supply w
Survey

Proceedings of the Madras rnment, Revenue Departme
14th Nov ber 1870.

9. All the records of the former have n yet been handed over to this department, and none of the latter. Had this party been worki full strength for the last year, I should now be making application for fresh work.

10. I could now, if advisable, commence rk in Royachoty ; so only the taluq of Voilpad would be available for the Kurnool Party. The d marcation of Madenapalli, Kadar, and Pulivendla, has, I believe, hardly been commenced, and, i g from the past rate of progress, the Demarcation of the Cuddapah District, and th e records to the Survey, will not be accomplished under two years and-a-

No. 231. ORDER THEREON, 14 November 1870, No. 1,791.

Land Revenue.

ORDERED to be recorded.

(Tr Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

Govt. of 1870, Madras.

REVENUE.

To

THE SUPERINTENDENT OF

REVENUE SURVEY.

Dated November, 14th

Recd.

G. O., 14th November 1870, No. 1,791.

NOVEMBER.

Nos. 230-231.

Letter from
explaining
rded.

SUPERINTENDENT · REVENUE SURVEY · 1870 8 11

Proceedings of the Madras Government, Revenue Department, 8th August 1870.

No. 102. Read the following letter from the Superintendent of Revenue Survey, Madras, to the Secretary to Government, Revenue Department, dated Chepauk, 29th June 18'0, No. 1,674-42:—

In obedience to the Order of Government, dated 1st April 1870, No. 431, I have the honour to state that the scale of the intermediate Topographical Survey is 4 inches to the mile. It is equally, with the 16-inches detailed survey, connected with the stations of the Great Trigonometrical Survey. It takes note of roads, rivers, canals, telegraph lines, tanks, channels, smaller streams and nullahs, swamps, village-sites, hills and any other remarkable topographical details. It marks the division between wet and dry cultivation and between cultivation and waste, distinguishing heavy jungle from scrub or sandy waste.

2. The boundaries of Zemindaries are demarcated and laid down, but not the boundaries of villages in Zemindary land, as explained in my letter to you, No. 113-4, of the 21st January 1869, paragraph 4.

3. In wild hilly and jungly tracts the scale is diminished one half.

4. Talook maps on the scale of 1 inch to the mile have been prepared in manuscript by reduction from the Village Maps* in 58 talooks, comprising an area of about 25,000 square-miles. There are, however, only 21 of these which can be called complete, as in most cases there are unsurveyed blocks within their limits. We are, however, making good progress in the districts marginally noted towards filling up the gaps in these maps, somewhere about 2,000 square-miles of country having already been surveyed on the 4-inch scale. As each talook is completed I shall be in a position to have the map printed. This I have been averse to doing long as so many unsurveyed patches existed. I have, however, been obliged to print the incomplete maps of some talooks to meet the calls for Topographical Maps.

*9,356.

Ganjam.	Coimbatore.
Nellore.	Tinnevelly.
Salem.	Madras.

No. 103. Order thereon, 8th August 1870, No. 1,185.

Land Revenue.

Resolved that the foregoing letter be communicated to the Government of India, with reference to their Secretary's (Home Department,) letter, dated 26th October 1869, No. 373, and with an expression of the opinion of this Government that the existing arrangements for the preparation of maps are sufficient.

(True Extract.)

(Signed) H. E. STOKES,
Under-Secretary to Government.

To the Superintendent of Revenue Survey.

Exd. F. R. Bantleman.

Govt. of 1870; Madras.

REVENUE.

To

THE SUPERINTENDENT OF
REVENUE SURVEY.

Dated August, 8th. Encl.

Recd.

G. O., 8th *August* 1870, No. 1,185.

AUGUST.
Nos. 102-103.

Organization of the Madras Survey.—Letter from Superintendent of Revenue Survey forwarding further report on points connected with this subject, communicated to Government of India, with expression of opinion of this Government that the existing arrangements for the preparation of maps are sufficient.

Extract from a letter from
Surveyor General of India to the Secr
to the Government of India. Home
Department, dated Mussoorie the 2
August 1870. No. 2897.

× × ×

9 .. A printed report, I may state,
was duly furnished to the Madras
Government, and a copy has likewise
now been forwarded to the Superintend
=ent Madras Revenue Surveys; and
I am quite satisfied that, on a perusa
of my explanation, that Officer's fears
as to any undue interference with his
revenue Surveys in the Madras Presiden
will be entirely dispelled.

15 It is necessary that I should
offer some remarks on the statemen
contained in the letters of the Secreta
to Madras Government and of the Supe
=rintendent of Rev Surveys. Nothing in
the shape of "the appointment of a
Officer employed under the Governme
of India to supersede the existing
arrangements for the Survey of the
Neilgherries" has taken place. Nobod
has interfered in any way with the
existing arrangements of the Madra

Rev Survey Dep

ing of the sort is in contemplation;
ther has Colonel Sa ow in reality
used the smallest su rvision of
ything effected by the   adras Survey
ut quite the reverse. Al ough the
Deputy Superintendent o   ographical
Surveys has expressed him   his
memorandum as intending to revise
olonel Ouchterloney's Survey, yet in
act he explains that he did not
mean "to do over again anything already
done by that Officer"; the term used was,
in fact, quite inappropriate to the matter
in hand.

19 The operations of my own Depart-
ment, I must take leave to add have
ver been most perfectly restricted to
non-interference with the detail
Surveys and arrangements conducted
under local or subordinate jurisdictions
in every part of India. When the
Madras Rev Surveys were first started,
I was called on to report as to the
proper principles on which they should
e carried on their equipment, and
ther important matters, and in
the imperial interests of the state,
I laid down certain normal conditions
which

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ould
lts being
ble delay for

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many years past it
w to cooperate with
wey Department, an
I have freq ly taken pains to ten
any assistance in my power. I hope
therefore it is not too much to expect
reciprocal aid on their part. The
interests of the Madras Rev Survey
are identical, in my mind, with
those of the national Survey of Indi
the idea of supplanting Colonel Priestly
and his Officers in the salubrious climat
of the Neilgherries, or in his detail
surveys, therefore could never have
entered into the imagination of either
Colonel Sartow or myself, and I much
regret that so much over sensitivenes
should have been shown on such trifli
causes.

Rev Survey Office
Camp Coimbatore
20 July 1872.

True Extract
Signed J. Priestley Col
Superintendent R Sur

Compd

No. 67 Revenue Department

Proceedings of the Madras Government

Under date the 15th January 1874.

Read again the following letters

From Govt. of India dated 9th May 1873, No. 325, recorded in G.O. 17th May 1873, No. 495-

From the Supdt. Rev. Survey dated 13th December 1873, No. $\frac{3130}{109}$ recorded in G.O. 20th Decr. 1873 No. 1469-

Read also the following letter from the Supdt. Rev. Survey

[illegible] Geographical Materials available from the Madras Survey. } H.E. 12th June 1873, No. $\frac{1333}{40}$.

Ordered that the list of Books received with [illegible] of the letters above recorded be forwarded to the Government of India with the intimation that the Governor in Council has

J.A.S.

has under consideration
some reports from the Super
tudent of Revenue Survey
which will be submitted
hereafter.

129-130.

Geographical Materials from
Madras Survey.