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5. The alterations in the charges of Parties,
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 the event of the topographical party in the
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 Council and Col. Sargeant will take the
 necessary steps to give effect to them.

(True Extract)

Charles Stewart

Secy. to Govt.

No 296854/10. 2nd 7/86

- The Supt. of Rev. Survey.
- " Dir. of Rev. Settlement & Agric.
- " Board of Revenue.
- " Accountant-General
- " Public Works Dept.
- Copy to Castle Steward, Stuart Esq.

Recorded,
 Pending issue of
 further orders in
 the Rev. Dept.

10. 11. 86
 11/11/86
 11/11/86

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following letter from J. F. PRICE, Esq., Acting Director of Revenue Settlement and Agriculture, to the Secretary to Government, Revenue Department, dated Ootacamund, 19th October 1886, No. 3289-B:—

I have the honor to submit, direct to Government, as the matter to which it relates is one calling for very early orders, a copy of a letter and its enclosures received from the Special Assistant Collector, Nilgiris and Malabar, on Settlement duty.

2. I coincide in the views expressed by Mr. Stuart, and I most strongly deprecate, in the interests of Government, the transfer of Mr. Taylor to Tanjore.

3. I have, owing to my recall to take up another appointment, been, unfortunately, unable to see, as much as I could have wished and intended, of the Wynaad and of the country with which the Settlement department will have to deal, but I have, nevertheless, contrived to get over a considerable extent of the large amsom of the Nilgiri-Wynaad, and this, being fairly typical of the whole, has given me a reasonable idea of the work which we shall require of the Survey department.

4. We shall need for Settlement purposes demarcation and accurate survey of the following:—

I. All paddy flats, not already demarcated and surveyed. Many, if not all the flats already surveyed, &c., will require to be gone over again as the maps of some of the amsoms are so old and inaccurate as to necessitate considerable correction.

II. All cultivation within estates. There are 700 estates in the Wynaad, and in all those as yet dealt with, there is undoubtedly large excess—as far as I can judge something like cent. per cent., which has hitherto paid nothing, but which, on the introduction of the Settlement, will be assessed at Rs. 2 per acre.

III. All new holdings. Of these 400 have, up to date, been brought to light. There are, no doubt, many more and every one of these will have to be demarcated and surveyed. They too will have to pay Rs. 2 per acre.

IV. Blocks for kumeri cultivation which is extensive. These will have to be laid out, demarcated and surveyed.

5. So far, I have spoken on cultivation, or as the Settlement will treat them, occupied areas.

I now turn to the waste.

6. I have examined, with Mr. Stuart, the country as much as I could and have seen the various descriptions of lands to be dealt with.

7. We have, after careful inspection and consultation, arrived at the decided conclusion that it would be merely throwing away money to demarcate and accurately survey, all the different classes of dry lands. There are miles of country in the Wynaad which will never be taken up for any purpose whatever, unless some gold-mining speculator invests in it—a contingency very unlikely to arise. The whole of the Wynaad is interspersed with hills from which a perfect panorama of the surrounding country can easily be had, and with the aid of trigonometrical points, which can be obtained from the Survey office, it will be perfectly easy with the plane table to sketch in, on the map, with very approximate accuracy, forest, 2nd-class scrub, grass, &c.: these areas can afterwards be computed. If any one, in future, wishes to take up any of these lands the area required can be accurately surveyed and demarcated. It would be gross waste of money and valuable time to do this now. For all practical

and fiscal purposes, it is enough, for the present, that absolute accuracy should not be demanded. I have consulted Mr. Taylor, the Assistant Superintendent of Revenue Survey, in charge of the party attached to Mr. Stuart, and he tells me that forest, light forest, scrub and grass, can be sketched in on the maps, with an error not exceeding 10 per cent. If Government insist upon accuracy greater than this, they will have to pay heavily for it and the Settlement will be materially delayed. Demarcation is not wanted. All that is required is blocks on the map to which numbers can be assigned, and the approximate areas of which are given, so that the whole of the Wynaad can be accounted for. The Settlement officer will decide and direct, after personal inspection, what particular land should be sketched into any particular block, and that will, in my opinion, be all that will be requisite. This plan, which I have satisfied myself, is perfectly feasible, means a very large saving to Government of money, for the expenditure of which they can never hope for any appreciable return.

8. But I consider, in order to give it effect, it is imperatively necessary that the officer of the Survey department in charge of operations, should not only be energetic, thoroughly competent and trustworthy, all of which qualifications, I believe, from what the head of his department has told me that Mr. Taylor possesses, but he must also hold a position above that of a Sub-Assistant, and one which would allow of his dealing with the planters, who are easily managed if handled judiciously, but who are a troublesome set, if not taken in the right way. They require an European officer to deal with them, and one whose official rank is such as to place him beyond temptation to turn out, or allow, erroneous work, and to make those inclined to bully or hector, chary as to how they meddled with him, or his work. Mr. Taylor knows the Wynaad well, he knows Canarese, which is much spoken there, he is acquainted with a large number of planters, and the results which he has already produced, show that he is not in the least disposed to let them off, though in doing his duty, he has performed it in so judicious a manner that no ill-feeling has been created and that the situation has been quietly accepted by those concerned.

9. I would urge upon Government as strongly as is possible, that Mr. Taylor should be left in the Wynaad. He has been working very well indeed, and very smoothly with Mr. Stuart, he knows the country thoroughly and is fully acquainted with the plan of operations required of him. If he is moved, the settlement of the Nilgiri-Wynaad cannot, possibly, be carried out this season and the work throughout the Wynaad must be very materially delayed. Delay means money. I am quite aware of the straits to which Colonel Sargeant is, just now, put for officers of the higher grade, but I am of opinion that the Settlement department must be aided in the Wynaad by an officer taken from this rank, and I consider Mr. Taylor to be the best man for the place.

10. If the survey in Tanjore must be strengthened at all costs, I would suggest that the Party in Vizagapatam, which is the portion of the Presidency now in hand, which, in all probability, will be the least remunerative, should discontinue operations there and that the men should be drafted to strengthen the Bellary Party and to supply Mr. Stuart's Party with the hands asked for by him, and which I consider that he has shown, are absolutely necessary, if anything like expeditious and satisfactory work is to be turned out in the Wynaad, and the officers could be sent to Tanjore. We want Mr. Taylor for three seasons, from September to the end of February, and during the intervening six months, he can go to Tanjore or anywhere else where he may be wanted. If we cannot have him or some other officer of equal rank, ability and experience, I predict that the survey operations in the Wynaad will be very costly and a source of constant trouble, annoyance and delay and that the settlement will lag.

11. At present Mr. Taylor is very heavily handicapped in his men, for not only is his party far too weak, but the individuals comprising it seem to be the reverse of satisfactory and appear to have been selected for anything but their capabilities. It is a *sine qua non* as regards work in the Wynaad that if it is to be good, none but thoroughly competent hands should be employed. This principle has been followed in the case of the Settlement department, No. VI Party, being composed of the pick of the others. The results have, under an efficient supervising officer, been rapid and excellent work. Mr. Taylor has driven his subordinates as hard as he could, and has

worked equally hard himself, but is beyond the limits of possibility for him with his small and, by no means satisfactory party, to give us what we want as regards estates, waste lands, &c., in time to allow of our handing over the Nilgiri-Wynaad to the Revenue officers for the introduction of the Settlement at the next jamabundi.

12. If the assistance asked for by Mr. Stuart is given, and given promptly, and if none but efficient men are sent, we can do everything by March and go on with Malabar-Wynaad next season, and I can vouch from the data even now available that this will be much to the benefit of the Revenue.

ENCLOSURE.

Letter from A. E. CASTLESTUART STUART, Esq., Special Assistant Collector, Nilgiris and Malabar, for Revenue Settlement purposes, to the Acting Director of Revenue Settlement and Agriculture, dated Gúdálúr, South-East Wynaad, 16th October 1886, No. 206.

I have the honor to forward, in original, letter, No. 86-M., dated 8th October 1886, with its enclosures, from the Assistant Superintendent of Revenue Survey attached to my party, and to request you will kindly take immediate action on the matter, as otherwise survey work will soon be in hopeless arrears, and will result in rendering the introduction of the new Settlement into Nilgiri-Wynaad this season impossible.

2. I quite agree with Mr. Taylor in thinking that the Survey detachment requires urgent strengthening by the following men :—

- One Sub-Assistant or senior Head Surveyor competent to examine plane table work.
- One Head Surveyor to inspect and be in charge of demarcation.
- Six good Deputy Surveyors with full knowledge of plane table work.
- Four Deputy Surveyors to act as Sub-Inspectors of demarcation work.
- Two good Computers who thoroughly understand the work of computing areas by means of computing scale.
- One Head Computer to be in charge of Draughtsmen and Computer's work.

We have a sufficient number of Theodolite men and Field Surveyors who are doing demarcation, and should more demarcators be found necessary, we can get this class of men in the Wynaad.

3. The plane table men are chiefly required to ascertain the present area of cultivation in each estate. Experience shows that it takes one man about four days to complete the plane table work on each estate. This work has to be tested and checked and up to date Mr. Taylor has had to do this work himself. It is quite impossible for him to test every estate himself within the period of the field season, and to assist him the services of a competent Sub-Assistant or senior Head Surveyor are absolutely necessary. In the Nambalakad amsom alone there are some 65 old estates which require to be dealt with by plane table; in the Munnánād amsom there are 89 old estates, and in Cherankod amsom there are 34 old estates. In addition to this, all new holdings, of which there are some 400 in the Nambalakad amsom alone, and new estates, which are approximately some 25, have to be dealt with by plane table. We have at present only six men competent to work the plane table. Taking four days as the average time required by each man to finish an estate, it may be taken that each man can complete five estates in a month, calculating the month at 20 working days, the remaining days being taken up in travelling from one estate to another and including Sundays. Hence our present six men can only be expected to finish 30 estates per mensem. As only 4½ months remain for field work, unless this class is immediately strengthened as above mentioned, it can be foreseen that by the end of February only 135 estates, out of 188 old, or some 213 old and new estates, can be completed, and even this number on the supposition that none of the six men fall sick and that they are all kept steadily at estate work and not on any new holdings. We should thus have some 78 estates and all the new demarcated holdings in arrears at the end of February 1887.

4. Without the additional computers the result of the plane table work done cannot be brought to book, nor can the areas be ascertained. Consequently no settlement can be introduced unless and until these areas are furnished.

5. The services of the other men asked for to be in charge of and to inspect the demarcation of new holdings, &c., are absolutely necessary. Otherwise some of the six plane tablers will have to be put on that duty to the still greater detriment of plane table work.

6. The season is rapidly advancing, and I beg that such immediate action may be taken as to enable us to have all the additional hands now asked for in the field by the 1st November.

7. Mr. Bentley Taylor's services are quite invaluable, and without an officer of his position attached to this party, the survey work cannot be completed in Nilgiri-Wynaad in time to admit of the introduction of the Settlement this official year. He is in almost daily intercourse with the various European and other estate holders who have some respect for an officer of higher position than a Sub-Assistant, and there is a great deal of very responsible work connected with the ascertainment of present cultivated areas, and with the classification and grouping of waste lands which could not be entrusted to an officer of lower position. A very great deal of quasi-fraudulent concealment of cultivation has already been brought to light, and when it is remembered that we are now settling estates for 30 years, and that every acre of cultivation, hitherto concealed, and now brought to book, means Rs. 2 per acre per annum, or Rs. 60 per acre for the period of settlement increased revenue to the State, it is manifest how extremely important it is that we should have an officer whose position is sufficient guarantee for strict integrity in dealing with European and other estate holders whose interests clash with and are diametrically opposed to the interests of the Revenue. Moreover, as the final maps of each amsom have to be prepared *pari passu* with the Settlement registers, &c., no officer of inferior position could be entrusted with this work. Mr. Taylor has thoroughly mastered the details of the work we require of him for Settlement purposes, has worked hard, and has the confidence of the planters; and I trust nothing will occur to necessitate his removal from this party. I would suggest that it should be arranged that during each field season in Wynaad Mr. Taylor and a very strong Survey detachment should work with the Settlement Party, and that when field operations are over here he and the party could then push on with the Pálghat survey so that by the time the settlement of the whole Wynaad taluk is completed, the Settlement Party will be able to proceed with the settlement of Pálghat.

READ—Demi-official letter from Colonel C. C. SARGEAUNT, Superintendent, Madras Survey, dated 25th October 1886, No. 132.

ABSTRACT.—Regarding retention of Mr. Bentley Taylor in Wynaad.

READ—the following letter from Colonel C. C. SARGEAUNT, Superintendent, Madras Survey, to the Secretary to Government, Revenue Department, dated Madras, 27th October 1886, No. 206-G:—

I have the honor to report that if Government decide upon the removal of the Topographical Field Party from the Kistna district to Wynaad it will be desirable to make the following transfers:—

Mr. Gompertz, Deputy Superintendent, to charge of No. V Party, Malabar.
Mr. Baber, to charge of No. IV Party, South Arcot and Tanjore.
Mr. Maltby, to charge of No. I Party, Vizagapatam.

2. My reasons for recommending these transfers are as follow:—

No. V Party increased by the transfer of men from the Kistna district will require an officer of experience.
No. I Party, after transfer of the men from the Kistna district, will be a less responsible charge than any other party.
No. IV Party, working in South Arcot and Tanjore, requires an officer possessing a good colloquial knowledge of Tamil.

These conditions will all be met by the transfers above recommended.

ORDER—dated 6th November 1886, No. 964, Revenue.

Miscellaneous.

His Excellency the Governor in Council, after considering the papers mentioned above, is of opinion that it is

desirable that the settlement of the Wynaad should be carried out with all possible speed. This cannot, it is evident, be done unless the Survey Party now working there is materially strengthened.

2. Financial considerations forbid the entertainment of extra establishment on this account, and none of the Cadastral Surveys, at present in progress, can be stopped without incurring loss of prospective revenue.

3. The only course which can be followed, therefore, is, for a time, to discontinue the topographical work which is now going on in the Kistna district, and which must be allowed to stand over until men are available to resume it. The Superintendent, Revenue Survey, will, accordingly, at once call in the party, drafting such hands, as may be necessary, to the Wynaad, and distributing the remainder amongst the other parties.

4. His Excellency in Council considers it essential to the proper and speedy conduct of survey operations, in the Wynaad, that an European officer, of the rank of Assistant Superintendent, should be in immediate charge of the party there. As Mr. Bentley Taylor is the only competent officer of this grade, available, his recent transfer to the Tanjore Party is cancelled and he will remain in the Wynaad, in charge of the party there. It is hoped that the difficulties in finding qualified officers to fill up the vacancies, now existing in the junior ranks of the Survey department, may be met by the transfer, as a temporary measure, of one or two officers whose services may be made available in the Public Works Department. This subject will, however, be considered later on and, in the meantime, the Superintendent must make the best arrangements that he can, for the conduct of the work in hand.

5. The alterations in the charges of parties, suggested by the Superintendent, as being desirable, in the event of the Topographical Party in the Kistna being transferred to the Wynaad, have the approval of His Excellency the Governor in Council, and Colonel Sargeant will take the necessary steps to give effect to them.

(True Extract.)

For Ag. Secretary to Government.

To the Superintendent of Revenue Survey.
„ the Director of Revenue Settlement and Agriculture.
„ the Board of Revenue.
„ the Accountant-General.
„ the Public Works Department *Some copies already sent*

Exd. P. L. Pereira.

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P.W.C. No 8750

Govt. of (1886) Madras.

REVENUE.

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G.O., 6th November 1886, No. 964.

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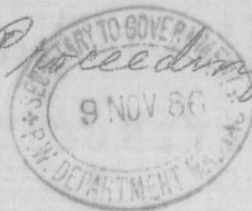
NOVEMBER.

Survey Operations in the Wynaad.

Passing orders on papers regarding —

Revenue Department

Proceedings of the Madras Government.



Read the following:—

1. Letter from the Director of Revenue Settlement and Agriculture, dated 19th Oct: 1886, No 3289 B.
2. L.O. from Col. Sargeant dated 25th Oct: 1886.
3. Letter from the Sup^t, of Revenue Survey, dated 27 October 1886, No 266.

Order thereon, 6th November 1886, No 964.

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2. Financial considerations forbid the entertainment of extra establishment on this account and none of the Cadastral surveys at present in progress, can be stopped without incurring loss of prospective revenue.

3. The only course which can be followed, therefore, is, for a time, to discontinue the topographical work which is now going on in the Kistna District, and which must be allowed to stand over until men are available to resume it. The Superintendent Revenue Survey will, accordingly, at once call in the Party, drafting such hands, as may be necessary, to the Wynaad and distributing the remainder amongst the other Parties.

4. His Excellency in Council considers it