

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1002

Press

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*Proceedings of the Madras Government, Revenue Department,
30th June 1870.*

No. 426. Read the following Proceedings of the Board of Revenue, dated 13th November 1869, No. 8,414:—

Read the following letter from the Director of Revenue Settlement, to the Acting Secretary to the Board of Revenue, dated 28th July 1869, No. 993-27.

ABSTRACT.—Submitting the usual report of the operations of the Settlement Department, during the first three months of 1868, and the official year 1868-69, and forwarding a report from the Superintendent of Revenue Survey on the work of his department for the same period.

ORDERED that the above reports be submitted to Government with the following brief observations by the Board.

2. The reports submitted by Mr. Master and Colonel Priestley comprise the operations of fifteen months in consequence of the change from the calendar to the official year recently ordered.

3. SETTLEMENT DEPARTMENT.—Mr. Master, as usual, briefly notices the results of the year in those districts already brought under settlement.

		Acres.	Assessment.
1277	...	1,29,818	5,03,359
1278	...	1,31,314	5,20,911

		Acres.	Assessment.
1275	...	1,58,446	7,42,840
1276	...	1,39,206	6,60,953
1277	...	1,54,290	7,31,682
1278	...	1,43,241	6,78,454

		Acres.	Assessment.
* 1276	...	4,61,289	13,36,999
1277	...	4,74,876	14,60,352
1278	...	4,61,360	14,15,108

6. The Settlement was introduced in the Masulipatam Division of Kistna District, 1266, and low prices and other causes operated to produce a fall, which however left the revenue still 12 per cent. above the demand of the last year before the introduction of the new Settlement.

7. The new Settlement, which had been partially carried out in Kurnool during the previous year, has been completed, and takes effect in its entirety from the current fusly.

8. The District of Trichinopoly presents a steady rise, as shown by the marginal statement, towards its former standard, which there is every hope will soon be reached. Fusly 1274 was the first affected by the new Settlement. During part of the period under review some of the Salem Settlement party have been employed in bringing up

		Acres.	Assessment.
1273	...	.....	15,82,174
1274	...	7,64,494	11,94,018
1275	...	8,36,340	12,72,688
1276	...	8,86,763	13,25,239
1277	...	9,31,636	13,71,751
1278	...	9,50,766	13,90,385

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some matters which unfortunately were left incomplete by the Settlement Officers in 1274, and have entailed considerable loss of revenue.

9. During the period immediately under review the expenditure under the Revenue Settlement Budgets amounted to Rupees 2,69,340. But of this sum Rupees 29,595 were expended under the directions of the Collector of Tinnevely, leaving Rupees 2,39,745 as the sum spent by Mr. Master on the work which is the subject of this report. The outlay in 1867 was Rupees 2,36,596.

10. The out-door work of the period under review comprised chiefly extensive demarcation (915 square-miles) and classification (778 square-miles) in Cuddapah and Nellore, and classification and assessment (1,664 square-miles) in Nellore, together with some supplementary work of both kinds in Kurnool, Godavery, and Kistna. Demarcation of 988 square-miles cost 84,109 Rupees or Rupees 69 per square-mile, against Rupees 142 per square-mile in 1867; while 2,479 square-miles were classified and assessed for Rupees 1,55,636 or Rupees 62 per square-mile against Rupees 133 per square-mile in 1867.

11. Survey and Settlement operations were finally brought to a close in Godavery early in the year, and the proposed settlement of the Guntoor Division of Masulipatam having been submitted by the Settlement Officers before the end of 1868, matters have been placed on a reduced footing in that district pending orders.

12. In Cuddapah and Kurnool a large quota of work has been turned out during the period under review as compared with 1867, despite many causes of delay and obstruction. In Cuddapah one talook was completed and two others were in progress, and in Kurnool the four talooks of Kurnool proper have been brought completely under the new Settlement.

13. The Director reports very favourably of the character of the demarcation. The material used is good and permanently set up; and the Board wish specially to draw the attention of the District Officers to the observations of the Director, paragraph 28 of this Report, on the importance of seeing that the boundary marks are maintained. Considerable progress has been made in preparing the diglot registers, etc.

14. The Board observe that the cost of demarcation to the ryot has varied; but has everywhere been moderate.

15. A large number (2,652) of experiments were made to ascertain the yield of different crops, and survey areas were supplied for 401 square-miles in Kurnool, and for 298 square-miles in Cuddapah during the fifteen months under review.

16. The re-classification of Nellore proceeded in the most satisfactory manner; 1,664 square-miles were completed besides a small area (32 square-miles) which was demarcated for the first time. It is anticipated that the whole will be com-

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pleted by June 1870. A large number of experiments (1,323) were made with a view to ascertaining the yield of the various grains during the harvest. The circumstances of Salem, South Arcot, and Trichinopoly call for no remarks.

17. The Board continue to receive satisfactory monthly returns from Tinnevely.

18. *Demarcation.*—The demarcation of Village and Kundum boundaries by the Settlement Department comprised 314 villages, and 48,494 boundary marks were set up. In 483 villages field boundaries were demarcated with 9,39,829 stones.

19. The Director of Revenue Settlement has not stated what districts were visited by him, or the length of time he spent in each. The Board are of opinion that a considerable portion of his time should be spent where field operations and settlement are being carried out.

20. *SURVEY DEPARTMENT.*—Colonel Priestley reports that the Salem and Coimbatore Survey party completed the arrears to be brought up in Salem, which district has now been fully surveyed and mapped at a cost, to the State, of Rupees 107-6-11 per square-mile. The Board regret to find that the defective character of the demarcation conducted under the Settlement Department has enhanced the cost and difficulty of surveying this district.

21. In Coimbatore, considerable progress was made in demarcating, surveying, and mapping several talooks in the district, and detachments of the same parties were employed in surveying the Neilgherry and Ponachy Hills and parts of Wynaad in Malabar. The Board trust that the survey of the Nelamoor forests which is still incomplete will be speedily carried out.

22. The detail of the work done during fifteen months by this and other Survey parties are shown in the following Abstract Statement:—

Nature of the Work.	MADRAS.		GANJAM.		TOTAL.	
	No. of villages.	Square-miles.	No. of villages.	Square-miles.	No. of villages.	Square-miles.
1. Boundaries demarcated	224	229-08	84	508-01	308	737-09
2. Do. in progress	52	54-85	2	36-09	54	90-94
3. Fields demarcated	119	124-38	58	439-47	177	563-85
4. Do. in progress	36	18-87	23	65-47	59	84-34
5. Sketch completed	222	227-55	30	194-78	252	422-33
6. Do. handed to Survey	330	269-90			330	269-90
Cost Rupees...	1,06,655		37,502		1,44,157	

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23. In Kurnool, four talooks have been completed at an average cost of Rupees 139 per square-mile. A large portion of the work done in the district during fifteen months under review consisted in bringing up arrears of minor details, such as minor circuits and surveying with reference to the operations of the Irrigation Company.

24. In Kistna, all arrears of field work were disposed of during the year, and survey operations in this district have closed. The entire area of this district, viz., 6,111 square-miles, has been surveyed and mapped at a cost, to the close of 1868-69, of Rupees 85-8-8 per square-mile.

25. In Tinnevely, field-work has progressed steadily and favourably; in five talooks field-work has been completed, and in two others nearly so. The cost per square-mile has been reduced 25 per cent. as compared with the previous year.

26. The Madras and Nellore party have been chiefly engaged in the former district, where two talooks are in the main complete, but delays and obstructions have been met, which have delayed execution and increased cost. In Nellore all ryotwary lands have been surveyed and mapped, and considerable progress has been made in surveying topographically the Zemindaries. In the five talooks, reported on in 1867, the cost amounted to Rupees 92-11-4 per square-mile, against Rupees 81 per square-mile in the four talooks, containing 2,546 square-miles, completed during the period under review.

27. In Ganjam, the Chicacole Talook has been completed, and considerable advances made in other parts of the district, but serious delay and obstruction is caused by the unhealthiness of the district and other causes.

28. On the Neilgherry Hills survey and demarcation have been regularly and successfully pushed forward, and the maps are in course of preparation. The outlay amounted to Rupees 45,031.

29. The Revenue Survey has everywhere been connected with the Grand Trigonometrical Survey.

30. *Demarcation.*—The following Statement shows the progress of demarcation in those districts where it is carried on under the direction of the Superintendent of Survey:—

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Character of the Work.	COMBATORE.		KURNOL.		CUDDAPAH.		KISTNA.		TINNEVELLY.		MADRAS AND NELLORE.		GANJAM.		TOTAL.	
	No. of vil-lages.	Square-miles.	No. of vil-lages.	Square-miles.	No. of vil-lages.	Square-miles.	No. of vil-lages.	Square-miles.	No. of vil-lages.	Square-miles.	No. of vil-lages.	Square-miles.	No. of vil-lages.	Square-miles.	No. of vil-lages.	Square-miles.
1. Boundaries surveyed ...	32	170-95	21	110-31	149	325-69	.....	.....	152	646-29	289	1118-60	149	107-76	792	2488-00
2. Fields measured ...	68	265-55	24	168-75	172	465-81	.....	.....	148	537-93	199	233-78	102	56-94	713	1728-76
3. Do. completed ...	215	595-74	26	306-05	123	373-20	.....	.....	188	615-98	245	310-39	84	90-73	881	2292-09
4. Details inserted ...	133	235-16	42	385-35	.....	.....	53	421-53	197	444-42	239	1342-16	59	45-76	723	2874-38
5. Area for Settlement ...	230	640-01	71	513-26	77	391-29	89	668-21	512	863-83	375	487-77	43	45-73	1,397	3610-10
6. Maps sent to Central Office.	290	335-20	.....	.....	.....	.....	99	2465-16	179	376-81	360	1951-29	.....	.....	928	5128-46
		1,145		2,778		1,720	.....	.....		1,791		2,936		1,105		11,475
7. Minor Circuit traverse ...																
Outlay for 15 months, Rs. ...		1,05,802		82,200		81,754		11,319		98,014		1,13,417		42,421		5,34,927

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31. In the Madras District, the Sydapet Talook has been fully demarcated with durable material, and those of Ponnery and Trivellore are in progress. Village boundaries and detailed Kundum demarcation have been carried out in 216 villages; 56,816 marks being set up, and field demarcation in 119,144,993 field-stones being set up. The total cost has been Rupees 93,491, of which Rupees 80,873 have been advanced to ryots whose cost has varied from Rupee 0-6-10 per acre to Rupee 0-9-5 in the Ponnery Talook. Measures are being taken to recover the large balance outstanding.

32. In Ganjam progress has likewise been satisfactory though slow; each holding is demarcated and the fields marked with great accuracy. The boundaries and Kundums of 263 villages were demarcated and 75,000 boundary marks set up. Field demarcation was carried out in 176 villages and 337,000 field-marks set up. The Board trust that measures will be taken to recover outstanding balances.

33. In Coimbatore, two talooks have been completed or nearly so. Boundary and Kundum demarcation was carried out in 84 villages, and 7,254 boundary marks set up. Field demarcation comprised 82 villages, and 166,000 field-stones were placed at a cost to the ryots of Rupee 0-1-3 in the Darampuram Talook and Rupee 0-1-0 in the Caroor Talook. The cost generally fell 20 per cent. as compared with the preceding year.

34. During the year about 4,000 square-miles have been completely surveyed and mapped, and the Superintendent closes his report with several useful practical observations of a general character.

No. 427. ORDER THEREON, 30th June 1870, No. 1,002.

Land Revenue.

THE Board have already reviewed Mr. Master's report in detail, but the Government propose to make a few additional observations.

2. In the Chellumbrum Talook of South Arcot the introduction of the new settlement in Fusly 1271 lowered the total assessment from Rupees 5,22,578 to Rupees 5,03,015. In the succeeding Fusly the assessment increased to Rupees 5,11,426, and in Fusly 1273 to Rupees 5,19,142, but in Fusly 1274 it fell to Rupees 5,13,471. The demand for Fusly 1275 was the highest which has yet been reached, namely, Rupees 5,31,045; but in the next Fusly there was a decrease of Rupees 12,248. For Fuslies 1277 and 1278 the assessment was respectively Rupees 5,03,359 and Rupees 5,20,911. These fluctuations are probably due to bad seasons, but it is gratifying to observe that the revenue of the last Fusly exhibits a rise of Rupees 12,896 from that of the first year of settlement.

3. In the Western Delta talooks of the Godavery District the revenue has risen from Rupees 5,71,373, the demand in the year previous to the settlement, to

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Rupees 6,78,459, including water-rate. In this district the settlement, which first came into operation in Fusly 1272, resulted in an immediate increase of Rupees 11,232. The revenue has since fluctuated considerably, but has never fallen so low as that realized in the year before the settlement. The demand for last Fusly (Rupees 6,78,459) is less than that of the preceding year by Rupees 53,223, but is still Rupees 1,07,086 in advance of the year previous to the settlement. The Director attributes the decrease during the year under report to the fall in prices and possibly to deficient irrigation.

4. The settlement of the Eastern and Central Deltas and upland talooks of the Godavery District, which first came into force in Fusly 1276, resulted in a decrease of Rupees 2,88,278. The fluctuations of demand in these talooks have mainly corresponded with those in the Western Delta talooks. The demand for last Fusly was Rupees 14,15,108, or Rupees 78,109 in excess of the first year of settlement. In these talooks the water-rate does not amount to quite half of the assessment, but in the Western Delta talooks the former exceeds the latter.

5. Certain islands in the Godavery, which had been originally excluded from settlement owing to the supposed uncertain character, have since been found permanent enough to justify their classification. Nine thousand one hundred and thirty acres, on which the demand is Rupees 59,448, have been settled.

6. In the Masulipatam division of the Kistna District the demand, though still 12 per cent. above the revenue beriz of Fusly 1275, the year before the introduction of the settlement, has fallen from Rupees 7,15,301 in Fusly 1277 to Rupees 6,48,696.

7. The settlement has now been extended to the whole of Kurnool proper. The demand for Fusly 1278 was Rupees 6,93,603 against Rupees 7,27,003, the assessment of the first year of settlement, but it is still 12 per cent. in excess of the beriz of Fusly 1275, the year before the introduction of the settlement. Operations in the new talooks of this district should be pressed on.

8. The land-revenue of the Trichinopoly District, as is pointed out by the Board, has steadily risen ever since the new settlement was introduced. The assessment for Fusly 1273, the year previous to settlement, was Rupees 15,82,174, that for the first year of settlement was Rupees 11,94,018, and that for last Fusly, was 13,90,385. The area under cultivation has increased during the last five years by 1,86,272 acres.

9. Regular field-operations during the fifteen months under report were carried on only in the districts of Cuddapah and Nellore; but in those of Godavery, Kistna, and Kurnool, extended cultivation has given rise to a certain amount of fresh demarcation and classification.

10. On reference to the statement annexed to paragraph 18 of Mr. Master's report, the Government observe that an aggregate sum of Rupees 39,493 was expended during the year 1868-69 in the three last-named districts, although their demarcation and settlement has, especially in the case of Kurnool, been only

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recently concluded. The cause of this large expenditure is not apparent to the Government, and the words "extension of cultivation" constitute a very inadequate explanation of it. Unless some supplemental agency which is competent to deal with the constantly occurring spread of cultivation exists in districts which have been settled, it is obvious that no limit can be assigned to the operations of the Settlement Department.

11. Field-operations in Cuddapah and Nellore would appear to have been well and economically conducted.

12. The Government observe from the tabular statement annexed to paragraph 50 of the Settlement Report that the actual expenditure for 1868-69 in each district where settlement operations have been carried on has in no case come up to the originally sanctioned amount for that year. Owing to orders received from the Government of India, this amount was subsequently reduced by Rupees 50,000, and the re-organization of the Settlement Party for the Nellore District caused an increase in the charges of the year of Rupees 10,928. With these modifications the sanctioned amount for the year stood at Rupees 2,83,000, but the actual expenditure only reached Rupees 2,28,034. Mr. Master attributes this surplus to various causes, but the only one for which he is in any way responsible is the slow progress made by the contractors in printing the Settlement Registers. The Government suggest that these might be printed with more expedition at the Government Press.

13. The remarks contained in paragraph 19 of the Board's Proceedings, regarding the propriety of itineration on the part of the head of the department appear to have been called for, and have the full concurrence of Government.

14. SURVEY.—The report of the Superintendent of Revenue Survey is satisfactory on the whole, although his officers have had to encounter work in unhealthy localities with inefficient subordinates, and the Government are glad to observe that Colonel Priestley still continues his practice of active personal supervision.

15. The cost of sub-dividing fields in the four talooks 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.

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.

17. Progress in the Madras District appears to have been slow, the Sydapett Talook alone having been completed. The reason for the absence of demarcation records complained of in paragraph 52 of the report is not apparent, inasmuch as demarcation is conducted by the Survey Department.

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

19. In concluding his report Colonel Priestley remarks that about 4,000 square-miles have been completed, and are "ready for settlement." The Govern-

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ment, however, observe that this aggregate is not compact, but includes isolated areas on which the Settlement Department cannot as yet commence operations. The Government suggest to the Superintendent, whether it would not be advisable to concentrate work more than is at present done, so that tracts of country sufficiently large and compact to admit of immediate settlement should be ready for the Settlement Department.

(True Extract.)

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

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

Ed. F. R. Bandleman.

30/6-7
426-7

Rev: 1869. Oct.
Board of Revenue,
MADRAS.
No. 3963.

PROCEEDINGS, 13TH NOVEMBER 1869, No. 8,414

Disptg Nov 1869
Received 20th

See 1002. 30 June

NOVEMBER
No. 8,414.

Operations of Settlement and Survey Departments—during first three months of 1868, and official year 1868-69,—Reports on, reviewed and submitted to Government.

Rs 9 Sept/67 18 140-41
" 27 Jan/68. 443-45
" 4 Feb/68. 57-68
" 1 May/68. 17
" 20 May/68. 1475-76
" 20 do. 502-509
" 6 Aug/69. 57-59
" 17 March/69. 413-18
" 22 March/69. 865-616
" 24 Sept/69. 444-45

Ref Under Secy

126

19 Feb 1870

Coblt. of 1870: Madras.

REVENUE.

THE BOARD OF REVENUE.

Ac, Ac, Ec

Dated June, 30th.

Recd.

Encl.

G. O., 30th June 1870, No. 1,002.

JUNE.
Nos. 426-427.

Settlement and Survey operations.—Reports for the first three months of 1868 and official year 1868-69, reviewed.

REVENUE SETTLEMENT OFFICE,
MADRAS, 28th July 1869.

No. $\frac{993}{27}$

From

R. E. MASTER, Esquire,
Director of Revenue Settlement.

To

J. GROSE, Esquire,
Acting Secretary to the Board of Revenue.

Sir,

OPENING REMARKS.—1. I have the honor to submit my Report on the operations of the Revenue Settlement Department during the first three months of 1868, and the official year 1868-69. The substitution of the official for the calendar year, as G.O., 23rd March 1869, No. 810, the period for which the Survey and Settlement Reports are in future to be prepared, necessitates, on this one occasion, the inclusion in the returns, of the particulars of work and expenditure for fifteen months instead of twelve, the last Report having embraced the operations up to the end of the year 1867 only. The particulars are, however, given separately for the year 1868-69, and for the three months which preceded it. The Report of the Superintendent of Revenue Survey on the work of his Department for the same period accompanies.

2. Before alluding to the actual work of the period under report, I will, as usual, briefly refer to the present condition, as regards cultivation and assessment, of those Districts and parts of Districts, which have been already settled by the Department.

RESULT OF THE NEW SETTLEMENT IN THE CHELLUMBERTUM TALOOK OF SOUTH ARCOT.—3. The number of villages under the new Settlement is the same as in last year, viz., 396, including those transferred from Trichinopoly. In Fusly 1277, the aggregate area under cultivation was 1,29,818 acres, and the assessment, including Kusser and Fussal jasti, Rupees 5,03,359. In Fusly 1278, the area under cultivation was 1,31,314 acres, and the assessment, with Kusser and Fussal jasti, Rupees 5,20,911, an increase of 1,496 acres in area, and Rupees 17,552 in assessment. Of this sum, only Rupees 2,077 belong to the land assessment proper, the rest forming an increase in Kusser and Fussal jasti, of Rupees 14,755 and Rupees 720 respectively.

RESULT OF THE NEW SETTLEMENT IN THE WESTERN DELTA TALOOKS OF THE GODAVERY DISTRICT.—4. In paragraphs 4 and 5 of my Report for 1866, I explained at some length the causes which led to the large falling off from a cultivation of 1,58,446 acres, assessed at Rupees 7,42,840 in Fusly 1275, to one of 1,39,206 acres, assessed at Rupees 6,60,953 in Fusly 1276, and I stated my expectation that the prevailing high prices would lead to a considerable extension of cultivation in the following year. My anticipations were verified, and in

Fusly 1277, the area under cultivation increased to 1,54,290 acres, and the assessment, including water rate, to Rupees 7,31,682. But, if the high prices of Fusly 1276 stimulated the Ryots to increased activity and vigor in Fusly 1277, the very marked fall which took place in the value of agricultural produce in the latter year, had precisely the opposite effect. The Acting Sub-Collector, in his Settlement Report for Fusly 1277, states that the cultivating classes, as well as the merchants who had hoarded their grain, suffered severely in consequence of the fall in prices. A considerable extent of land was given up, and the occupied area in Fusly 1278 was reduced to 1,43,241 acres, assessed, with water rate, at Rupees 6,78,459. The Tahsildars attribute the falling off, almost entirely to the cause above-stated, though they are of opinion that some lands were given up in consequence of being insufficiently supplied with irrigation. They anticipate a great increase in the cultivated area in the current Fusly 1279, prices having again risen, and the confidence of the agricultural community being restored. I may remark, however, that the assessment for Fusly 1278, reduced though it was, is Rupees 1,07,122, or nearly 19 per cent. above the joint rent demand in the year prior to the introduction of the Settlement. I notice that in his last Settlement Report, the Acting Sub-Collector remarks that the new Ryotwary Settlement, which has been completely introduced in the Sub-Division, is working well.

RESULT OF THE NEW SETTLEMENT IN THE EASTERN AND CENTRAL DELTAS AND UPLAND TALOOKS OF THE GODAVERY DISTRICT.—5. In paragraph 7 of my Report for 1866, I described the introduction of the new Settlement into this tract in Fusly 1275, to take effect from the commencement of Fusly 1276, and I mentioned the causes which led to a large relinquishment of land in the latter Fusly. The occupied area was 4,61,289 acres, the assessment, with water rate, Rupees 13,36,999. In this part of the District also, the fluctuations in Fuslies 1277 and 1278 were similar in character to those in the Western delta. The same causes were at work in both. In Fusly 1277, the cultivated area increased to 4,74,876 acres, and the assessment to Rupees 14,60,352. In Fusly 1278, the former fell to 4,61,360 acres, and the assessment to Rupees 14,15,108. It is to be anticipated that the great improvement in prices will here, as in the Western delta, lead in the current Fusly, to a considerable increase of cultivation.

6. Taking together the two Divisions which have been brought under the new Settlement, the cultivated area for Fusly 1278 was 6,04,601 acres, assessed, with the water rate on the first crop, at Rupees 20,93,567, against 6,29,166 acres, similarly assessed at Rupees 21,92,034 in Fusly 1277. The decrease in area is, therefore, 24,565 acres, and in assessment, Rupees 93,467. There is, however, as I have said above, every reason to hope that it will be made up in the current Fusly. The following Statement gives full particulars. I should remark that the figures do not shew the actual Jamabundy demand, but only that up to the 30th November last. The results of the actual Settlement may be a little higher, though in all probability not much, as practically, very little land is taken up after the date I have named.

Items.	Western Delta.				Eastern and Central deltas, including upland talooks.				TOTAL.			
	Extent.	Assessment.	Water rate.	Total.	Extent.	Assessment.	Water rate.	Total.	Extent.	Assessment.	Water rate.	Total.
	2	3	4	5	6	7	8	9	10	11	12	13
	Acres.	Rupees.	Rupees.	Rupees.	Acres.	Rupees.	Rupees.	Rupees.	Acres.	Rupees.	Rupees.	Rupees.
Demand of Fusly 1275	1,58,446	3,60,542	8,82,298	7,42,840	5,05,905	12,15,319	4,09,938	16,25,277	6,64,351	15,75,861	7,92,256	23,68,117
Do. do. 1276	1,39,206	3,20,708	3,40,245	6,60,953	4,61,289	9,66,873	3,70,126	13,36,999	6,00,495	12,87,581	7,10,371	19,97,952
Amarakum of Fusly 1277	1,54,290	3,56,693	8,74,989	7,31,682	4,74,876	9,86,528	4,73,824	14,60,352	6,29,166	13,43,221	8,48,813	21,92,034
Relinquishment for Fusly 1278	17,705	34,251	43,452	77,703	27,752	56,067	27,320	83,387	45,457	90,318	70,772	1,61,090
Remaining...	1,36,585	3,22,442	3,31,537	6,53,979	4,47,124	9,30,461	4,46,504	13,76,965	5,83,709	12,52,903	7,78,041	20,30,944
Add lands newly taken up in Fusly 1278.	6,656	12,518	11,962	24,480	14,236	25,287	12,856	38,143	20,892	37,805	24,818	62,623
Total demand of Fusly 1278	1,43,241	3,34,960	3,43,499	6,78,459	4,61,360	9,55,748	4,59,360	14,15,108	6,04,601	12,90,708	8,02,859	20,93,567

7. In paragraph 14 of my last year's Report, I stated that certain islands in the Godavary, excluded from Settlement in the original scheme, in common with the islands generally, owing to their fluctuating character, had since been found to be on so high a level and of so permanent a nature as to justify their being treated like the ordinary Government lands, and that they were in process of classification. The work was completed in the following year, and the result of applying the sanctioned Settlement rates to islands, and parts of islands in the four talooks of Ramachendrapur, Amlapur, Nursapur, and Tanuku, aggregating 9,318 acres, was an assessment of Rupees 61,381. Of this area, up to the 31st May 1868, 431 acres, assessed at Rupees 4,013, were relinquished, and, on the other hand, 243 acres, assessed at Rupees 2,080, were taken up, leaving, as the demand for Fusly 1278, up to the 31st March 1869, 9,130 acres, assessed at Rupees 59,448.

RESULT OF THE NEW SETTLEMENT IN THE MASULIPATAM DIVISION OF THE KISTNA DISTRICT.—
8. The following Statement, compiled from returns received from the Kistna District, shews the condition of that portion of it in which the new Settlement is in force, viz., the Masulipatam division. The Settlement demand for Fusly 1277 was Rupees 7,15,301, on an occupied area of 3,71,582 acres. For Fusly 1278, 25,481 acres assessed at Rupees 1,09,204, were given up; but, on the other hand, 14,800 acres, assessed at Rupees 42,599, were newly taken up. The net decrease is, therefore, 10,681 acres, bearing an assessment of Rupees 66,605, and the demand for Fusly 1278 stood at 3,60,901 acres assessed, including water rate, at Rupees 6,48,696. The relinquishments were chiefly in the Gudiwada talook, and are attributed by the Uncovenanted Assistant in charge, to the great fall in prices which occurred in Fusly 1277, and to the fear of a further fall; to the spread of a mischievous rumour through the talook that the water rate was about to be raised to Rupees 6½ per acre; to the peculiar obstinacy of the Gudiwada Ryots, and to their special aversion to the uniform water rate on their usual wet lands. I may observe that, notwithstanding these relinquishments, the demand for Fusly 1278 was still 12 per cent. above the Revenue Beriz of Fusly 1275, the year before the introduction of the Settlement.

Items.	DRY.		• UPLAND WET.		Water rate on wet lands in the Delta.	TOTAL.	
	Extent.	Assessment.	Extent.	Assessment.		Extent.	Assessment.
1	2	3	4	5	6	7	8
	Acres.	Rupees.	Acres.	Rupees.	Rupees.	Acres.	Rupees.
Revenue Demand, Fusly 1275	3,84,832	...	9,424	...	...	3,94,256	5,79,350
Settlement Demand, Fusly 1276.	3,54,060	4,44,133	10,049	42,735	1,98,453	3,64,109	6,85,321
Settlement Demand, Fusly 1277	3,62,472	4,57,624	9,110	40,190	2,17,487	3,71,582	7,15,301
Deduct relinquishment for Fusly 1278.. ...	25,202	37,862	279	1,236	70,106	25,481	1,09,204
Remaining... ..	3,37,270	4,19,762	8,831	38,954	1,47,381	3,46,101	6,06,097
Add lands newly taken up.. ...	14,695	17,634	105	471	24,494	14,800	42,599
Settlement Demand, Fusly 1278.	3,51,965	4,37,396	8,936	39,425	1,71,875	3,60,901	6,48,696

RESULT OF THE NEW SETTLEMENT IN KURNOOL PROPER.—9. In paragraph 4 of my last year's Report, I stated that, up to that time, 336 out of the 370 villages, which compose the

four talooks of Kurnool proper, had been settled. The Survey areas for twenty-seven of the remaining villages having been received last year, subsequent to the Report, the Settlement was explained to the Ryots, and tickets were issued, the revised assessment taking effect from the commencement of Fusly 1278. This year, the areas for the seven remaining villages have been supplied, and the Settlement, in like manner, has been introduced. It actually took effect from the 1st instant, the commencement of Fusly 1279.

10. The whole of Kurnool proper has now been settled. The operation has lasted five years, and has been effected gradually, as the Survey areas have been furnished. It will be remembered that, as a special case, the Settlement Reports of this District, based on estimated areas, were accepted. It was considered important to press forward the Settlement, owing to the operations of the Irrigation Company, and, judging from the results of comparing the estimated with the true areas, in a certain number of villages which had been surveyed before the report was sent in, there seemed little reason to fear that the great discrepancies of area brought to light by the Survey in other Districts, would be discovered in Kurnool. The anticipation has been justified by the event. The area of Government land occupied at the time the report was sent in (Fusly 1270), was estimated by Mr. Morris at 6,32,916 acres. The area by survey of the land in occupation in the five sets of villages in the five several Fuslies in which the Settlement was introduced was 6,63,878, an increase of not quite five per cent. As, however, the latter area does not represent exactly the same land as the former, but includes fields taken up since Fusly 1270, the real excess of the survey over the estimated area is doubtless much less than five per cent., but I am not in possession of the exact figures.

11. The following Statement gives information for the four talooks complete, similar to that furnished for parts of them in paragraph 7 of my Report for last year. It will be seen that the result of the application of the Settlement rates to the occupied land in the thirty-four villages settled in the two last Fuslies, was an assessment of Rupees 71,832 against Rupees 72,987, the Revenue Beriz of the year before the Settlement, or a decrease of 1½ per cent. The Settlement demand for Fusly 1278 for the four talooks, is Rupees 6,93,603, on an occupied area of 6,29,715 acres. In this calculation, the seven villages last settled have been included, with the Settlement assessment on the occupied area of the Fusly, though it will not really take effect in them till the current Fusly, 1279.

Fuslies in which the Settlement was introduced.	No. of Villages settled.	As per Jamabundy accounts of Fusly 1274.		As per Jamabundy accounts of Fusly 1275.		As per Jamabundy accounts of Fusly 1276.		As per Jamabundy accounts of Fusly 1277.		As per Jamabundy accounts of Fusly 1278.		As per new Settlement at the time of introduction.		Settlement demand for Fusly 1275.		Settlement demand for Fusly 1276.		Settlement demand for Fusly 1277.		Settlement demand for Fusly 1278.		Per-centage, Cols. 10 and 23.	Per-centage, Cols. 6 and 19.	Per-centage, Cols. 8 and 20.	Per-centage, Cols. 4 and 16.	Per-centage, Cols. 8 and 14, 10 and 14, 12 and 14.	Per-centage, Cols. 4 and 14.
		Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.						
1274	143	2,37,510	2,61,227	...	...	...	...	...	...	...	...	2,63,401	2,70,683	2,43,397	2,64,757	2,49,898	2,67,855	2,49,517	2,66,669	2,47,116	2,64,889	+	7	+	1	...	
1275	111	...	...	1,64,610	2,34,138	...	...	...	...	...	...	1,80,857	2,31,586	...	...	1,74,707	2,26,812	1,75,082	2,26,807	1,73,928	2,26,407	-	1	...	...	...	
1276	82	...	...	...	...	1,18,188	1,51,078	...	...	...	...	1,28,011	1,43,002	...	...	...	...	1,22,912	1,41,247	1,23,288	1,34,426	-	4	...	...	...	
1277	27	...	...	...	...	...	...	60,506	57,384	...	...	70,280	58,934	...	...	...	...	...	...	67,187	54,983	+	8	...	...	...	
1278	7	...	...	...	...	...	...	...	15,009	15,603	...	16,276	12,898	...	...	...	...	...	...	16,276	12,898	-	17	...	...	...	
Total	370	...	...	...	...	...	...	...	...	...	...	6,63,878	7,27,003	...	...	...	...	...	...	6,22,715	6,93,603	...	...	...	...	...	

RESULT OF THE NEW SETTLEMENT IN TRICHINOPOLY.—12. The new Settlement has now been in force for five years in Trichinopoly, and it is gratifying to observe the steady increase which has taken place each year, in the area under cultivation and assessment. In Fusly 1273, the year before the introduction of the revised rates, the assessment on Government lands, exclusive of the amount levied on unsurveyed cultivation, and occasional second crop, was Rupees 15,82,174. The new assessment amounted to Rupees 11,94,018, and involved a reduction of Rupees 3,88,056. The marginal Statement shows the figures for each year since the introduction, and it will be observed that already, (Fusly 1278) Rupees 1,96,367 out of the reduction of Rupees 3,88,056, or more than half, has been brought up. Mr. Banbry, however, informs me, that since the Jamabundy Settlement, he has, with the aid of the establishment which the Government authorized me, in their Order of the 17th March last, No. 717, to place temporarily at his disposal, corrected numerous errors of the nature described in paragraph 2 of my letter to Government of the 5th March last, No. 273, the result being, that a sum of Rupees 37,596 had, up to the date of his letter (14th June), been brought to account. This sum, added to the Rupees 1,96,367, alluded to above, raises the proportion of the reduction involved in the Settlement already recovered, to Rupees 2,33,963, and the assessment of Fusly 1278 to Rupees 14,27,981. It is to be expected, moreover, that the continuance of the inquiries now in progress will lead to a still further increase.

Fuslies.	Extent.	Assessment.
	Acres.	Rs.
1274	7,64,494	11,94,018
1275	8,36,340	12,72,638
1276	8,86,763	13,25,239
1277	9,31,636	13,71,751
1278	9,50,766	13,90,385

PROPOSALS FOR THE SETTLEMENT OF OTHER DISTRICTS.—13. The proposals for the Settlement of the Salem District, contained in my letters of the 8th March and 29th August 1866, Nos. 286 and 1211, were submitted to Government with the Board's Proceedings of the 4th October 1867, No. 6,334, and reviewed in Government Order, dated 20th May 1868, No. 1,427, in which further information was called for. This was furnished in the Board's Proceedings of the 20th July following, No. 5,270, and the Settlement now awaits the final orders of Government.

14. A proposal for extending the new Settlement to the Cuntoor Division of the Kistna District, was forwarded to the Board with my letter of the 28th August 1863, No. 1,018, and is under their consideration.

15. I hope that the operations in Nellore will be sufficiently advanced to allow of the Officiating Deputy Director's Settlement Report on the six talooks comprising the principal Division of the District, together with the necessary Accounts and Statements, being forwarded to my Office in the course of a few months, and that I shall be able to submit it to the Board, with my own Report, before the close of the official year.

16. The unsettled talooks of Kurnool are four in number. Of these, Pattikonda originally belonged to Bellary, and Koilkootla, Markapur, and Cumbum to Cuddapah. My present intention is to submit a small separate Report for Pattikonda, to which, with some slight modifications, the Kurnool rates may be applied, as soon as the Survey areas are available. The Deputy Superintendent estimated, in February last, that he would be able to supply them complete, by the end of the current official year. About the same time, a report may be sent in for the Koilkootla talook of Kurnool, and for the Jamalamadugu, Podatoor, and Cuddapah talooks of Cuddapah, for which areas may then be expected. They have been already furnished for seventy-two villages out of eighty-four in Koilkootla, and for seventy-seven villages out of seventy-nine in Jamalamadugu. It is proposed to include the Cumbum and Markapur talooks, the Survey of which is only now commencing, in a report hereafter, with the Budwail and Sidhout talooks of Cuddapah.

SCENE OF OPERATIONS DURING THE PERIOD UNDER REPORT.—17. During the fifteen months under report, regular field operations were limited to the Districts of Cuddapah and Nellore, though a certain amount of fresh demarcation and classification, rendered necessary by extension of cultivation, was executed in the Godavery, Kistna, and Kurnool Districts. In Cuddapah, the work consisted of demarcation and classification, executed on the combined system; in Nellore of classification only.

18. The Statements in Appendix A, made out in the usual form, exhibit, in detail, the work performed and expenditure incurred in each District. The annexed abstract gives the results at one view, and compares the figures for the official year 1868-69 with those for the calendar year 1867. There is a considerable increase in the area demarcated, and a very large increase in that classified. The former is owing to greater progress having been made in Cuddapah during the last twelve months of the period embraced by the Report, the latter partly to the same cause, but chiefly to the organization of the Classification party in Nellore, in which District, operations, under this Department, were in progress for only two months in 1867. The particulars will be explained in detail in the sequel. The expenditure of the official year 1868-69, excluding the sum of Rupees 25,995, not debitable to the Department proper, as will be hereafter shewn, was Rupees 2,02,039, against Rupees 1,89,923 in 1867. The increase is the net result of a decrease in the Godavery District, where the party has been broken up, and an increase in Nellore, where it has been much strengthened.]

Names of Districts.	DEMARCATON.												CLASSIFICATION AND ASSESSMENT.												TOTAL EXPENDITURE.				Difference between columns 20 and 21.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Extent in square miles.			Expenditure.			Average cost per square mile.			Extent in square miles.			Expenditure.			Average cost per square mile.			1867.			1st Quarter 1868.		1868-69.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	1867.	1st Quarter 1868.	1868-69.	1867.	1st Quarter 1868.	1868-69.	1867.	1st Quarter 1868.	1868-69.	1867.	1st Quarter 1868.	1868-69.	1867.	1st Quarter 1868.	1868-69.	1867.	1st Quarter 1868.	1868-69.	1867.	20	21	22	1868-69.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	23	41	33	2,709	1,057	632	2,709	1,057	632	23	41	33	2,709	1,057	632	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	33	2,709	1,057	632	23	41	

19. I now proceed to make such remarks on the work accomplished and the expenditure incurred in the several Districts, as seem to be required.

GODAVERY.—20. During the first quarter of 1868, the writing of the diglot Settlement Registers for the Press was completed for the District proper. In the Printing Department, Registers for ninety-nine villages were struck off, and the usual number of copies printed. In the official year 1868-69, the Registers for twelve more villages were printed, completing the District proper. Twenty-seven Supplemental lanka Registers were also written and printed. Tickets were issued, and the new Settlement explained to the Ryots in the islands of the Ramachendrapur, Amlapur, Nursapur, and Tanuku talooks, referred to in paragraph 7, the Settlement taking effect from the commencement of Fusly 1278. The only field work executed was a trifling amount of demarcation in the islands. The Office establishment was virtually broken up in May, a few hands only being retained to finish the Supplemental Registers and accounts. It was finally broken up early in the second quarter of the official year, and the Uncovenanted Assistant, Pogaku Venu Row, was transferred to the Nellore party. The Registers complete, for all the remaining talooks of the District, have been forwarded to the Collector, three sets having been bound in volumes for the use of the District and talook Officials, and a fourth set stitched separately in leather covers for the use of the Curnams. The whole of the surplus unbound Registers and Village Survey maps have also been forwarded to the Collector for deposit in his Office as a reserve stock, and for sale to the public. The expenditure of this party for the official year 1868-69, compared with that for 1867, shews a decrease of Rupees 27,400, which is sufficiently accounted for by the breaking up of the party.

KISTNA.—21. The Settlement operations in this District continued till December last to be under Mr. W. Wilson, who, at the same time, held the office either of Acting Collector or Acting Sub-Collector of the District. In December 1868, he proceeded to Europe on furlough, and there being no work in progress at that time of sufficient importance to require the supervision of a special officer, the party was placed in charge of the Native Uncovenanted Assistant, J. Lakshmikanta Row, pending the receipt of orders on the Settlement of the Guntoor Division, when arrangements may be made to replace Mr. Wilson.

22. The operations of the period under report, comprised both office and field work. The office establishment was mainly employed in writing diglot Settlement Registers for the Masulipatam division as well as those for the Guntoor division, so far as they can be prepared in anticipation of the Settlement. They also prepared Sub-division Puttah books, checked Sub-division measurements, and calculated and compared areas for newly demarcated fields. The number of Settlement Registers for the Masulipatam division written during the first three months of 1868 was 40, and in 1868-69, 140; total 180, making the number received in the Central office up to the end of the official year, 339 out of 425, the total number of villages in the division. 541 Village Registers were also partially written for the Guntoor division. In the Printing Department, 297 Registers of the Masulipatam division were completed, and the usual number of copies of each struck off.

23. Field work was performed in the Guntoor division during the fifteen months, to the extent of 41 square miles of new demarcation, and 37 square miles of new classification, besides which, 58 square miles were measured by a small establishment entertained for the purpose. A careful examination of the lankas in the bed of the Kistna was also commenced, with the view of determining what lankas and parts of lankas are on a sufficiently high level to admit of the extension of the new Settlement to them. The expenditure in this party was Rupees 4,461 in the first three months of 1868, and Rupees 27,143 in 1868-69, the latter sum shewing an increase over the expenditure of the year 1867, of Rupees 1,728. This is the net result of an increase in printing charges, there having been no outlay under that head in 1867, and a decrease in Officers' salaries, owing to Mr. Wilson's departure.

KURNOOL AND CUDDAPAH.—24. It will be convenient, as usual, to notice these two Districts together, as the operations in both are under the same Deputy Director, Mr. J. H. M. Cox, who had charge of the party during the whole period under report. The field work was performed in the Cuddapah District exclusively, and chiefly in the talooks of Pullampet, Voilpad, and Royachoti. In the first, operations were in progress, before the end of 1867, and the two others were taken in hand early in 1868. Pullampet was completed before the close of the official year, and the other two talooks are still in progress.

25. The out-turn of the first three months of 1868 was 133 square miles of demarcation, and 105 square miles of classification; in the official year 1868-69, 782 square miles of demarcation, and 673 square miles of classification. Compared with the year 1867, there is a large increase in both branches, only 424 square miles having been demarcated, and 400 square miles classified in that year. It was to be expected that a greater area of work would be accomplished than in 1867, in which year a recess was taken, while none was allowed last year, and much more would have been got through, but for the existence of impediments unusual in other Districts, and important enough to deserve notice rather in detail.

26. In my letter to Government of the 21st November 1868, No. 1,381, I entered at some length into the nature of these impediments, and shewed that the comparatively slow progress made in Cuddapah was due to causes beyond the Officiating Deputy Director's control. I have now to state that those causes continued more or less to affect the work during the whole of the period under report. Never, says the Officiating Deputy Director, has the party suffered so much from sickness, which was at its height during the third quarter of the official year. The great mortality and consequent panic among the servants of the establishment which ensued, have been more than once referred to in my quarterly Reports. The occurrence of so many casualties necessarily disheartened the field parties, inclined the men to seek every possible excuse for going away, and more than ever prevented the Officiating Deputy Director from filling up the very numerous vacancies on his establishment. It appears that the aggregate number of days lost under the two heads of sickness and vacancies, in the official year, was 9,167, representing more than a quarter of the collective number of working days of the whole party for the year, and, as Mr. Cox justly remarks, practically reducing its strength in the same proportion. The Officiating Deputy Director's attempt to gain recruits by advertisements in the *Fort Saint George* and local *Gazettes*, have met with very partial success. 142 applications for employment were indeed received, but of the senders of these, only nine joined, and only four have remained with the party.

27. Another very important hindrance to the work, as mentioned last year, was the extreme smallness and irregular shape of the fields to be demarcated in the Pullampet and other talooks. This is illustrated by the enormous number of field stones put down, viz., 1,74,097 in the first three months of 1868, and 7,50,417 in the following official year. The proportion of stones to acres was about two to one, an increase of thirty-three per cent. over the proportion in 1867, and a still greater increase over that of previous years. Undoubtedly in ground such as is described, the number of field stones put down is a fairer criterion by which to judge of the amount of work performed, than the mere acreage. The other hindrances to the work were the extent of heavy jungle to be cleared, the exceptional dryness of the season, the inefficiency of the Curnums as accountants, and the inconvenience caused by there being in some cases only one Curnum to three or four villages.

28. The marks erected have been of stone throughout; in Pullampet chiefly of red sand stone, but in Royachoti and Voilpad fine blocks of granite, which are procured without difficulty, have been used, and certainly, better or more durable marks could not be desired. I had an opportunity of inspecting the demarcation in many villages in January and February last,

and was much pleased with the way in which it had been executed. Mr. Cox assures me that the work is equally good in the villages that I did not see, and I trust, now that the Revenue authorities are in earnest about maintaining the demarcation, and inculcate on the subordinate officials their responsibility for its maintenance when once handed over to them, in the talooks lately operated upon, we shall have fewer complaints of marks having been allowed to disappear, and that this Department may be spared the blame which has, in many instances, unfairly attached to it on this account.

29. I may mention that the average cost to the Ryots of the several descriptions of

Items.	Pullampet talook.			Voilpad talook.			Royachoti talook.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Boundary Station marks	0	11	4	0	8	4	0	5	11
Do. Auxiliaries	0	11	4	0	8	4	0	4	6
Khandam Station marks	0	9	0	0	8	4	0	5	11
Do. Auxiliaries	0	9	0	0	8	4	0	4	6
Field marks	0	2	10	0	2	1	0	2	1

marks put up in the three talooks, including cost of stone, carriage, and expense of putting up, has been as shewn in the marginal statement. The total must be pronounced moderate.

30. The number of masonry pillars built by this party was, in the first three months of 1868, 3,199; of which 1,528 were on village boundaries, and 1,671 on those of khandams.

In 1868-69, 4,956 masonry pillars were built on village boundaries, and 9,231 on khandam boundaries; total 14,187. The average number of boundary and khandam stones has been sixty-five, and of masonry pillars fifteen to the square mile, whereas the average used to be forty-three and eleven and half respectively.

31. The disparity between the area demarcated and that classified, is owing to the discontinuance of the former practice of classifying non-service Inams.

32. Attention was as usual paid to kyling during the harvest, and altogether, 736 experiments of produce were made in the first three months of 1868, and 1,916 in the official year 1868-69. The number of experiments made in each grain is shewn in the margin.

33. In Kurnool, the Officiating Deputy Director introduced the new Settlement in four villages of Nundial, four villages of Sirwell, and nineteen villages of Ramalkota, the new assessment coming into force from the 1st July 1868. He introduced it later in the seven remaining villages of Ramalkota, in which it will take effect from the 1st instant. Thus, as already mentioned in paragraph 10, the four talooks of Kurnool proper have been brought completely under the new Settlement.

34. Considerable progress has been made in the preparation of the diglot Settlement Registers for the Press, and the position of this part of the work at the end of the official year was as follows:—

Forty-one Village Registers had been despatched to the Central office, and lists of interstitial field areas for insertion in twenty-four Village Registers, previously forwarded, had been supplied. Interstitial field areas were still wanting for sixty-seven Registers in the Central office. 202 Registers are complete in the Deputy Director's office, except as regards the interstitial field areas, and thirty-six Registers have still to be written. The printing of the Kurnool Registers has not yet been commenced, the Contractors being still engaged on those of the Masulipatam division of the Kistna.

35. Survey areas were received during the fifteen months under report for sixty-two villages in Kurnool, aggregating 711 square miles, and for seventy-seven villages in the Jamalamadugu talook of Cuddapah, aggregating 398 square miles.

36. During the same period, the Demarcation sketches, and records of the Budwail and Pullampet talooks of Cuddapah, aggregating, according to Curnum's accounts, 747 square miles were furnished to the Survey Department. No work was applied for by the Kurnool Survey party.

37. The expenditure of this party, in the first three months of 1868, was Rupees 17,111, and in 1868-69, Rupees 1,06,263, the latter shewing a decrease, when compared with the expenditure in 1867, of Rupees 5,259. This is attributable to a saving in salaries and allowances, and to a smaller expenditure on boundary pillars.

NELLORE.—38. Very satisfactory progress was made by the Nellore Settlement party, which, during the whole fifteen months, was under Mr. Rundall, Officiating Deputy Director. The work was, as the Board and Government are aware, chiefly classification, the amount of demarcation performed being incidental, and consisting of lands newly taken up or required for cultivation. The area classified during the first three months of 1868 was 359 square miles, and in 1868-69, 1,305 square miles; total 1,664 square miles. As explained in paragraph 30 of my last year's Report, the rapid progress made is in a measure owing to the work being really re-classification. Had it been altogether new work, so large an area could not have been accomplished.

39. At the beginning of 1868, the party was moving from the Atmakur talook, then nearly completed, to that of Nellore, the whole of which needed re-classification. This talook, together with the delta portion of Gudur, occupied the Classifiers till June, when, with my sanction, they were called into Nellore, and employed in office, while their work in the field was tested and finally examined. The party, up to this time, had only been partially organized, and it was not till September that Mr. Rundall was able to raise it to the full strength sanctioned by Government. The Kavali talook was then taken up, and occupied the establishment till November, when a commencement was made in Udayagiri. In January, Kandakur was taken in hand, and continued to occupy the attention of the party till the end of the official year. At its close, the six talooks, composing the principal division of the District, had been completely classified, though a certain amount of final examination had still to be made.

40. Mr. Rundall estimates that the classification of the three remaining talooks of the District which constitute the Sub-division, will afford work for his Party till the end of June 1870.

41. Unlike the Cuddapah party, that in Nellore enjoyed fair health, notwithstanding that the locality in which they were employed during a part of the time was a feverish one. They also suffered but little impediment from the neglect of Village Officers and Ryots, and the Officiating Deputy Director rarely required to have recourse to the penal provisions of the Boundary Act.

42. The area of new demarcation executed by the Nellore party during the fifteen months was 32 square miles. The work was scattered over sixty-five villages in six talooks. In addition to the above, demarcation was renewed in several villages, chiefly in Gudur, in which the marks had disappeared, either from stone not having been used in the first instance, or from the stones originally set up having been wantonly removed. The marks so renewed were 8,618 in number.

43. Kyling was not neglected during the harvest, and in the fifteen months, 1,042 experiments were made in dry grain, and 281 in paddy.

44. Survey areas were received during the period under report for 156 villages in the Kavali, Udayagiri, and Kandakur talooks, aggregating 1,174 square miles.

45. The large increase of expenditure in this party is accounted for by the recent re-organization of the establishment, and the fact that expenditure was incurred in two months only in 1867.

SALEM.—46. Pending the receipt of orders on the proposal for the Settlement of this District alluded to in paragraph 13, the establishment, as in last year, has been kept at as

low a strength as possible, and employed to the best advantage. A Supervisor was in charge of the Office, and the Native Uncovenanted Assistant, Vencatacharri, continued to do duty under the Collector of Tinnevely, at whose disposal a number of Goomastahs was likewise placed. In their Order noted in the margin, the Government G. O., 17th March 1863, No. 717, approved my suggestion that the establishment, with the exception of a few Goomastahs and Peons retained at Salem to take care of the office and records, should be placed temporarily at the disposal of the Collector of Trichinopoly for the purpose named in my letter of the 5th idem, No. 273. The result of this arrangement has been eminently satisfactory. The Collector anticipated that the pay of the establishment would be more than made good by the additional revenue to be brought to account by the enquiries on which they were to be employed. Actually, revenue has been brought to account in less than three months, as shewn in the Statement furnished to me by Mr. Banbury, and alluded to at paragraph 12, sufficient to pay the establishment for four years, so that the delay which has occurred in disposing of the Salem Settlement will not, as far as establishments are concerned, result in any loss to the State.

TINNEVELLY.—47. The expenditure set up opposite this District consists of the pay of the establishment employed under the orders of the Collector and of the Survey Department in correcting and revising demarcation. The expenditure is slightly higher than in 1867, owing to the services of more of the Salem servants having been utilized as described in the last paragraph.

TRICHINOPOLY.—48. The item of Rupees 7 opposite this District is a charge for mounting a few Survey maps.

SOUTH ARCOT (CHELLUMBEUM).—49. This District finds a place in the Statement only, because the latter compares the work and expenditure of 1867 with that of 1868-69. In the former year, there was a small outlay for mounting maps and binding Registers. In the period under report there was no expenditure.

50. The following Statement compares the expenditure of the official year 1868-69 with that of 1867-68, and with the sanctioned amount for the former year. The alteration made in the period for which the report is submitted, renders this comparison very simple, it being no longer necessary to cut up the Budget allotments of two official years, a course unavoidable when the accounts were made out according to the calendar year, while the Budget allotment was for an entirely different period. The total sanctioned amount, after deducting Rupees 10,928 on account of excess charges of the Nellore party, to be met from the saving in the general expenditure of the Budget allotment, and Rupees 50,000 disallowed by the Government of India, was Rupees 2,83,000. The actual expenditure was Rupees 2,28,034, being Rupees 54,966 less than the sanctioned amount and Rupees 7,729 less than the expenditure in 1867-68. The causes of the short expenditure compared with the Budget provision were, chiefly, the slow progress made by the Contractors in printing the Settlement Registers, in consequence of which, only Rupees 4,000 out of Rupees 14,000 provided to pay for printing, was spent; the non-receipt of orders on the settlement of Salem, in consequence of which, the provision made for a Deputy Director, and the necessary establishment, was not required; the small demands of the Collector of Tinnevely for his Settlement establishments, Rupees 26,000 only having been spent out of a provision of Rupees 44,000, and the fact of the Settlement establishments provided for in anticipation of operations being commenced in Ganjam and Vizagapatam, not having been entertained. I may remark, however, that, had the establishments estimated for been actually required, the Budget allotment, as reduced by the Government of India, would have proved inadequate to the wants of the Department.

G. O., 27th January 1868, No. 220.
Letter from Secretary to Government of India, 4th April 1868, No. 1954.

DISTRICTS.	Sanctioned amount for the year 1868-69.	Actual expenditure in 1867-68.	Actual expenditure in 1868-69.	Difference between Columns 3 and 4.	Difference between Columns 3 and 4.
1.	2.	3.	4.	5.	6.
	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.
Godavery	33,000	43,325	23,188	- 9,812	- 20,137
Kistna	38,928	10,234	36,608	- 2,320	+ 26,374
Nellore	52,000	12,762	12,849	- 39,151	+ 87
Salem	99,000	81,494	79,574	- 19,426	- 1,920
Trichinopoly	50,000	46,353	49,820	- 180	+ 3,467
Tinnevely					
Kurnool					
Cuddapah					
Central Office					
Total	2,72,928	1,94,168	2,02,039	- 70,889	+ 7,871
Tinnevely, Ganjam, and Vizagapatam Settlement Establishments. }	71,000	41,915	25,995	- 45,005	- 15,600
Total	3,43,928	2,35,763	2,28,034	- 1,15,894	- 7,729
Deduct Excess charges on account of the Nellore party to be met from the saving in the general expenditure of the Budget allotment—Vide Government Order, dated 27th January 1868, No. 220, Rupees	10,928				
Retrenched by Government of India—Vide their letter to Madras Government, dated 4th April 1868, No. 1,954, Rupees	50,000				
	60,928				
Grand Total	2,83,000	2,35,763	2,28,034	- 54,966	- 7,729

ERECTION OF BOUNDARY PILLARS.—51. Statement B. in the Appendix shews in detail the number of Boundary marks constructed during the period under report. The following is an abstract of it:—

ITEMS.	1st Quarter 1868.	1868-69.	Total.
<i>Village Boundaries.</i>			
Villages	122	192	314
Khandams or Sub-divisions	357	2,050	2,407
Tri-junction pillars	50	193	243
Secondary do.	1,176	5,415	6,591
Other marks on village boundaries	1,750	8,638	10,388
Marks on Khandams	6,542	41,952	48,494
<i>Field Boundaries.</i>			
Number of villages	117	366	483
Villages divided into } No. of villages	79	182	261
Khandams. } No. of Khandams	890	2,054	2,944
Number of fields marked	32,692	1,37,868	1,70,560
Number of field marks put down	1,76,982	7,62,847	9,39,829

52. The annexed Statement shews the number of villages and the demarcated area made over to the Survey Department during the year.

DISTRICT.	No. of Villages.	Extent in square miles.
Cuddapah	237	747

53. The following Statement shews the villages for which Survey areas were received during the year :—

DISTRICTS.	No. of Villages.	Extent in square miles.
Kurnool	62	401
Cuddapah	77	398
Nellore	156	1,174
	285	1,973

GENERAL REMARKS.—54. It only remains for me to acknowledge the valuable services of the chief Officers of the Department. To Mr. Wilson, the Acting Sub-Collector of the Kistna District, on special duty in this Department; to Mr. J. H. M. Cox, Officiating Deputy Director in charge of the Kurnool and Cuddapah party, and to Mr. C. Rundall, Officiating Deputy Director in charge of the Nellore party, I am much indebted for their energetic and unwearied labors in their respective Districts. The first-named gentleman, has, as I have already stated, gone home on furlough. Mr. Cox brings to notice the good service rendered by his Assistants, Captain C. J. Stuart and Mr. R. V. Mayer, who have both had very hard work in field inspection in a difficult and unhealthy country. The former gentleman is now in charge of the party, having been appointed Acting Deputy Director during the absence of Mr. Cox on three months' privilege leave. Mr. Cox also again testifies to the untiring exertions of his Uncovenanted Assistant, Y. Senker Row. This old and faithful servant of Government intended, as I mentioned in my last Annual Report, to send in his application for pension, but in the absence of a properly qualified person to succeed him, I am glad to say, he has consented to remain for a while longer in the Department, and has thus saved us from a position of some embarrassment. Mr. Wilson's and my own appreciation of the services and character of Uncovenanted Assistant J. Lakshmi-kanta Row is sufficiently shewn by his being placed in charge of the party in the Kistna. Mr. Rundall endorses the high opinion already recorded by his former superiors of Uncovenanted Assistant Pogaku Venu Row, transferred to the Nellore party last year from the Godavery, and speaks highly of his Supervisor Maddirala Venkajee.

I have the honor to be,

Sir,

Your most obedient Servant,

(Signed) R. E. MASTER,

Director of Revenue Settlement.

APPENDIX A.

Statement shewing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for the 1st quarter of 1868.

District and Talooks.		No. of villages completed.	No. of villages in progress.	Ayakut or gross area in square miles.	Actual work in square miles.	Cost of Field work.	Cost of work in the Office.	Local Superintendence.	Central Office proportion.	Total.	Average Cost per square mile.
				SQ. M.	SQ. M.	RS.	RS.	RS.	RS.	RS.	RS. A. P.
Demarcation.	Godavery.										
	Nursapur ..	...	...	...	...	32	...	41	23	96	...
	Tanuku ..	...	...	...	...	37	...	47	26	110	...
	Amlapur ..	...	...	...	...	106	...	136	75	317	...
	Undi ..	...	...	...	...	10	...	13	7	30	...
	Ramachendrapur ..	...	...	...	...	127	...	162	89	378	...
	Rajahmundry ..	...	...	...	...	42	...	54	30	126	...
	Total...	...	...	...	...	352	...	453	250	1,057	...
Classification and Assessment.	Nursapur ..	...	...	...	...	...	11	14	8	33	...
	Tanuku ..	...	...	...	...	...	7	9	5	21	...
	Undi ..	...	...	...	...	3	22	32	17	74	...
	Amlapur ..	...	...	...	...	10	275	365	201	851	...
	Ramachendrapur ..	...	...	...	...	2	42	56	31	131	...
	Rajahmundry ..	...	...	...	...	...	15	19	10	44	...
	Peddapur ..	...	...	...	...	...	4	5	3	12	...
	Yernagudem ..	...	...	...	...	...	18	23	13	54	...
	Ellore ..	...	...	...	...	...	37	48	26	111	...
	Total...	...	...	...	...	15	431	571	314	1,331	...
Cost of printing and binding Settlement Registers							2,856	...	884	3,740	...
Total...						15	3,287	571	1,198	5,071	...
Grand Total...						369	3,287	1,024	1,448	6,128	...
Demarcation.	Kistna.										
	Rajapet ..	...	...	...	...	40	...	55	29	124	...
	Bapatla ..	...	...	...	...	40	...	55	29	124	...
	Krosur ..	...	...	...	3	100	...	138	73	311	...
	Vinukonda ..	...	...	...	2	95	...	131	70	296	...
	Palnad ..	...	...	...	3	156	...	215	116	487	...
	Total...	...	...	...	8	431	...	594	317	1,342	...
Classification and Assessment.	Bandar ..	...	...	...	...	...	198	273	146	617	...
	Bezwada ..	...	...	...	...	...	12	17	9	38	...
	Gudiwada...	...	...	...	...	...	189	261	140	590	...
	Nandigam ..	...	...	...	...	...	31	43	23	97	...
	Rajapet ..	...	...	...	...	...	98	155	92	305	...
	Krosur ..	...	...	...	3	87	52	192	102	433	...
	Vinukonda ..	...	...	...	2	12	71	114	61	258	...
	Palnad ..	...	...	...	3	101	...	139	74	314	...
	Guntoor ..	...	...	...	...	...	150	207	110	467	...
	Total...	...	...	...	8	200	801	1,381	737	3,119	...
Grand Total...						631	801	1,975	1,054	4,461	...

APPENDIX A.—(Continued).

Statement showing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for the 1st quarter of 1868.

District and Talooks.		No. of villages completed.	No. of villages in progress.	Ayakut or gross area in square miles.	Actual work in square miles.	Cost of Field work.	Cost of work in the Office.	Local Superintendence.	Central Office proportion.	Total.	Average cost per square mile.
				Sq. M.	Sq. M.	RS.	RS.	RS.	RS.	RS.	RS. A. P.
Demarcation.	Kurnool.										
	Nundial ...	...	...	...	...	36	...	33	21	90	...
	Sirwell ...	...	...	...	...	18	...	16	10	44	...
	Koilkuntla ...	...	...	...	...	18	...	17	11	46	...
	Pattikonda ...	...	...	...	...	76	...	70	45	191	...
	Markapur ...	...	...	...	...	50	...	46	30	126	...
	Cumbam ...	...	...	...	...	3	...	3	2	8	...
Total...		...	...	...	...	201	...	183	119	503	...
Classification and Assessment.	Ramalkota ...	...	...	...	...	...	154	142	92	338	...
	Nandikotkur ...	...	...	...	...	...	108	100	64	272	...
	Nundial ...	...	...	...	...	...	62	57	37	156	...
	Sirwell ...	...	...	...	...	...	99	92	59	230	...
	Pattikonda ...	...	...	...	...	192	...	176	114	482	...
	Markapur ...	...	...	...	...	37	...	34	22	93	...
	Cumbam ...	...	...	...	...	10	...	9	6	25	...
Total...		...	...	...	...	239	423	610	394	1,666	...
Grand Total...		...	...	...	...	440	423	795	513	2,171	...
Demarcation.	Cuddapah.										
	Poddatur ...	...	...	...	...	22	...	20	13	55	...
	Cuddapah ...	...	...	...	...	114	...	105	68	287	...
	Budwail ...	...	...	...	...	42	...	39	25	106	...
	Pullampet ...	23	52	133	113	3,089	...	2,846	1,836	7,771	...
	Voilpad ...	...	...	...	...	142	...	131	84	357	...
	Total...	23	52	133	113	3,409	...	3,141	2,026	8,576	64 7 8
Classification.	Cuddapah ...	...	...	...	...	25	...	23	15	63	...
	Sidhout ...	...	...	...	...	29	...	27	17	73	...
	Budwail ...	...	...	...	...	36	...	33	21	90	...
	Pullampet ...	23	49	105	74	2,471	...	2,277	1,470	6,218	...
	Total...	23	49	105	74	2,561	...	2,360	1,523	6,444	61 5 11
	Grand Total...	...	...	...	...	5,970	...	5,501	3,549	15,020	...
	Nellore.										
Classification.	Gudur ...	...	...	...	3	141	...	158	92	391	...
	Atmakur ...	15	...	126	52	686	...	770	451	1,907	...
	Nellore ...	44	12	233	130	1,707	...	1,916	1,121	4,744	...
	Rapur ...	...	...	...	...	161	...	181	106	448	...
	Total...	59	12	359	185	2,695	...	3,025	1,770	7,490	16 13 11
	Salem ...	...	...	...	...	...	1,063	311	425	1,799	...
	Tinnevely ...	...	...	...	...	717	...	...	...	717	...

APPENDIX A.—(Continued).

Statement showing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for 1868-69.

Districts and Talooks.		No. of villages completed.	No. of villages in progress.	Ayakut or gross area in square miles.	Actual work in square miles.	Cost of Field work.	Cost of work in the Office.	Local Superintendence.	Central Office proportion.	Total.	Average cost per square mile.
				SQ M.	SQ M.	RS.	RS.	RS.	RS.	RS.	RS. A. P.
Demarcation.	Godavery.										
	Nursapur ...	...	...	...	...	16	...	40	19	75	...
	Tanuku ...	...	...	...	...	3	...	8	4	15	...
	Amlapur ...	...	...	...	...	64	...	161	77	302	...
	Ramachendrapur ...	...	...	...	...	36	...	90	43	169	...
	Rajahmundry ...	...	...	...	...	15	...	38	18	71	...
	Total...	...	...	...	...	134	...	337	161	632	...
Classification and Assessment.	Nursapur ...	...	...	...	...	...	75	189	90	354	...
	Tanuku ...	...	...	...	...	...	26	65	31	122	...
	Undi ...	...	...	...	...	...	14	35	17	66	...
	Amlapur ...	...	...	...	...	1	131	332	159	623	...
	Ramachendrapur ...	...	...	...	...	...	118	299	142	557	...
	Rajahmundry ...	...	...	...	...	...	30	76	36	142	...
	Peddapur ...	...	...	...	...	...	18	45	22	85	...
Demarcation.	Yernagudem ...	...	...	...	...	...	20	50	24	94	...
	Ellore ...	...	...	...	...	...	22	55	26	103	...
	Total...	...	...	...	...	1	454	1,144	547	2,146	...
	Cost of printing and binding Settlement Registers ...	...	...	...	...	...	892	...	305	1,197	...
	Total...	...	...	...	...	1	1,316	1,144	852	3,343	...
	Grand Total...	...	...	...	...	135	1,316	1,481	1,010	3,975	...
	Kistna.										
Demarcation.	Bandar ...	...	...	...	...	161	...	186	119	463	...
	Bezawada ...	...	...	...	...	72	...	83	53	208	...
	Gudiwada ...	...	...	...	...	130	...	151	96	377	...
	Nandigam ...	...	...	...	...	93	...	108	69	270	...
	Rajapet ...	...	...	...	7	403	...	472	301	1,181	...
	Bapatla ...	...	...	...	1	98	...	113	72	283	...
	Krosur ...	...	...	...	10	399	...	463	295	1,157	...
Demarcation.	Vinukonda ...	...	...	...	8	471	...	545	347	1,363	...
	Palnad ...	...	...	...	5	520	...	602	384	1,506	...
	Guntoor ...	...	...	...	...	7	...	8	5	20	...
	Repalli ...	...	...	...	2	113	...	131	83	327	...
	Total...	...	...	...	33	2,472	...	2,862	1,824	7,158	...

APPENDIX A.—(Continued).

Statement shewing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for 1868-69.

Districts and Talooks.	No. of villages completed.	No. of villages in progress.	Ayakut or gross area in square miles.	Actual work in square miles.	Cost of Field work.	Cost of work in the Office.	Local Superintendence.	Central Office proportion.	Total.	Average cost per square mile.
<i>Kistna (Continued.)</i>			Sq. M.	Sq. M.	RS.	RS.	RS.	RS.	RS.	RS. A. P.
Bandar ...	...	...	...	...	...	544	630	401	1,575	...
Bezwada ...	...	...	...	...	...	22	25	16	63	...
Gudiwada ...	...	...	...	...	...	180	207	132	519	...
Nandigam ...	...	...	...	...	...	84	97	61	242	...
Rajapet ...	...	...	...	6	216	399	712	454	1,781	...
Bapatla ...	...	...	...	1	46	...	614	391	1,535	...
Krosur ...	...	...	...	8	210	917	1,306	833	3,266	...
Vinukonda ...	...	...	...	8	199	162	418	266	1,045	...
Palnad ...	...	...	...	4	197	475	778	496	1,916	...
Guntoor ...	...	...	...	...	4	481	562	358	1,405	...
Repalli ...	...	...	...	2	59	792	985	629	2,465	...
Total...	...	...	...	29	931	4,540	6,334	4,037	15,842	...
Cost of printing and binding Settlement Registers...	...	...	...	...	...	3,087	...	1,056	4,143	...
Total...	...	...	...	...	931	7,627	6,334	5,093	19,985	...
Grand Total...	...	...	...	...	3,403	7,627	9,196	6,917	27,143	...
<i>Kurnool.</i>										
Ramalkota ...	...	...	...	...	30	...	31	21	82	...
Nandikotkur ...	...	...	...	...	36	...	38	25	99	...
Nundial ...	...	...	...	...	140	...	147	98	385	...
Sirwell ...	...	...	...	...	13	...	14	9	36	...
Koilkuntla ...	...	...	...	...	130	...	136	91	357	...
Pattikonda ...	...	...	...	...	378	...	396	265	1,039	...
Markapur ...	...	...	...	...	56	...	59	30	154	...
Cumbum ...	...	...	...	...	111	...	116	78	305	...
Total...	...	...	...	...	894	...	937	626	2,457	...

APPENDIX A.—(Continued).

Statement shewing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for 1868-69

Districts and Talooks.	No. of villages completed.	No. of villages in progress.	Ayakut or gross area in square miles.	Actual work in square miles.	Cost of Field work.	Cost of work in the Office.	Local Superintendence.	Central Office proportion.	Total.	Average cost per square mile.
<i>Kurnool.</i>			Sq. M.	Sq. M.	RS.	RS.	RS.	RS.	RS.	RS. A. P.
Ramalkota ...	...	...	...	...	...	600	628	420	1,648	...
Nandikotkur ...	...	...	...	...	...	310	325	217	852	...
Nundial ...	...	...	...	...	...	576	603	403	1,582	...
Sirwell ...	...	...	...	...	...	285	299	200	784	...
Koilkuntla ...	...	...	...	...	60	...	63	42	165	...
Pattikonda ...	...	...	...	...	76	...	80	53	209	...
Markapur ...	...	...	...	...	219	...	229	154	602	...
Total...	...	...	...	...	355	1,771	2,227	1,489	5,842	...
Cost of printing Settlement Registers ...	...	...	...	...	...	24	...	8	32	...
Total...	...	...	...	...	355	1,795	2,227	1,497	5,874	...
Grand Total...	...	...	...	...	1,249	1,795	3,164	2,123	8,331	...
<i>Cuddapah.</i>										
Jammalamadugu...	...	...	...	...	18	...	19	13	50	...
Poddatur ...	...	...	...	...	24	...	25	17	66	...
Cuddapah...	1	...	2	2	658	...	689	461	1,808	...
Sidhout ...	...	...	...	...	188	...	197	131	516	...
Budwail ...	...	...	...	...	285	...	299	200	784	...
Pullampet ...	60	...	291	139	5,666	...	5,937	3,968	15,571	...
Voilpad ...	30	20	213	207	6,722	...	7,044	4,708	18,474	...
Royachoti...	33	22	276	265	6,157	...	6,451	4,312	16,920	...
Total...	124	42	782	613	19,718	...	20,661	13,810	54,189	69 4 2
Cost of Boundary Pillars ...	...	...	...	...	1,536	...	...	...	1,536	...
Total...	...	...	...	...	21,254	...	20,661	13,810	55,725	...
<i>Classification and Assessment.</i>										
Jammalamadugu...	...	...	...	...	15	...	16	10	41	...
Poddatur ...	...	...	...	...	21	...	22	15	58	...
Cuddapah...	1	...	2	2	107	...	112	75	294	...
Budwail ...	...	...	...	...	170	...	178	119	467	...
Pullampet...	60	...	291	77	5,273	...	5,525	3,693	14,491	...
Voilpad...	30	19	160	116	4,572	...	4,791	3,202	12,565	...
Royachoti...	33	21	220	163	4,970	...	5,208	3,481	13,659	...
Madanapalli ...	...	...	...	...	170	...	178	119	467	...
Kadri ...	...	...	...	...	60	...	63	42	165	...
Total...	124	40	673	358	15,358	...	16,093	10,756	42,207	62 11 5
Grand Total...	...	...	...	...	36,612	...	36,754	24,566	97,932	...

APPENDIX A.—(Concluded).

Statement shewing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for 1868-69.

Districts and Talooks.		Number of villages completed.	Number of villages in progress.	Ayakut or gross area in square miles.		Cost of Field work.	Cost of work in the Office.	Local Superintendence.	Central Office proportion.	Total.	Average cost per sq. mile.
				SQ. M.	SQ. M.						
Nellore.											
Gudur ...	...	...	...	11	11	165	...	166	112	444	...
Atmakur ...	...	...	...	1	1	20	...	20	14	54	...
Nellore ...	...	...	...	1	1	12	...	12	8	32	...
Rapur ...	...	...	...	2	2	74	...	74	51	199	...
Kavali ...	...	...	...	5	5	...	...	...	...	...	...
Udayagiri ...	...	...	...	11	11	...	...	...	...	...	...
Total...	...	...	...	31	31	271	...	272	186	729	23 8 3
Trichinopoly.											
Gudur ...	...	14	...	230	62	1,582	146	1,736	1,185	4,649	...
Atmakur ...	...	...	...	...	...	896	482	1,384	945	3,707	...
Nellore ...	...	6	...	322	161	4,613	464	5,099	3,480	13,656	...
Rapur ...	...	...	...	...	1	209	219	430	293	1,151	...
Kavali ...	...	37	...	368	176	3,919	92	4,029	2,749	10,789	...
Udayagiri ...	...	32	2	235	147	3,781	24	3,822	2,609	10,236	...
Kandakur ...	...	10	20	100	71	1,463	22	1,491	1,018	3,994	...
Total...	...	153	22	1,305	618	16,463	1,449	17,991	12,279	48,182	36 14 9
Mounting Maps..	...	...	...	...	...	...	162	...	35	217	...
Total...	...	153	22	1,305	618	16,463	1,611	17,991	12,334	48,399	...
Grand Total...	...	153	22	1,336	649	16,734	1,611	18,263	12,520	49,128	...
Salem.											
Office work ...	...	...	...	...	...	...	6,010	1,825	2,679	10,514	...
Tinnevelly ...	...	...	...	...	...	5,009	...	...	...	5,009	...

REVENUE SETTLEMENT OFFICE,
MADRAS, 28th July 1869.

(Signed) R. E. MASTER,
Director of Revenue Settlement.

ABSTRACT OF APPENDIX A.

Districts.	Total Expenditure.	
	1st Quarter of 1868.	1868-69.
Central Office ...	8,679	49,817
Godavery ...	4,680	2,965
Kistna ...	3,407	20,226
Kurnool ...	1,637	6,241
Cuddapah ...	11,442	73,333
Nellore ...	5,720	36,608
Salem ...	1,374	7,835
Trichinopoly ...	...	5
Tinnevely ...	717	5,009
Total...	37,706	2,02,039
Add charges not debitable to parties...	3,600	25,995
Grand Total...	41,306	2,28,034

REVENUE SETTLEMENT OFFICE,
MADRAS, 28th July 1869.

(Signed) R. E. MASTER,
Director of Revenue Settlement.

APPENDIX B.

Statement shewing the number and description of Boundary marks put up by the several Settlement parties for the first quarter of 1868 and the year 1868-69.

Items.	CUDDAPAH.			KISTNA.			NELLORE.			TOTAL.		
	1st quarter of 1868.	1868-69.	Total.	1st quarter of 1868.	1868-69.	Total.	1st quarter of 1868.	1868-69.	Total.	1st quarter of 1868.	1868-69.	Total.
<i>Village Boundaries.</i>												
Villages ...	122	192	314	...	...	...	...	...	...	122	192	314
Khandams or Sub-divisions...	357	2,050	2,407	...	...	...	...	...	...	357	2,050	2,407
Trijunction Pillars...	50	193	243	...	...	...	...	...	...	50	193	243
Secondary Pillars ...	1,176	5,415	6,591	...	...	...	...	...	...	1,176	5,415	6,591
Other marks on Village Boundaries ...	1,750	8,605	10,355	...	...	...	...	...	...	1,750	8,638	10,388
Marks on Khandams ...	6,459	41,533	47,992	83	246	329	173	173	...	6,442	41,951	48,393
<i>Field Boundaries.</i>												
No. of Villages ...	75	167	242	42	129	171	70	70	...	117	336	453
Villages divided into Khandams. { No. of Villages ...	75	167	242	4	9	13	6	6	...	79	182	261
No. of Fields marked ...	385	2,009	2,394	5	80	85	15	15	...	390	2,034	2,424
No. of Field marks put down ...	31,916	1,33,125	1,65,041	782	2,883	3,665	1,855	1,855	...	32,692	1,37,863	1,70,555
	1,74,097	7,50,417	9,24,514	2,885	8,537	11,422	3,893	3,893	...	1,76,982	7,62,847	9,39,829

REVENUE SETTLEMENT OFFICE,
MADRAS 28th July 1869.

(Signed) R. E. MASTER,
Director of Revenue Settlement.

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REVENUE SURVEY OFFICE,
CHEPAUK, 22nd July 1869.

No. $\frac{1,643}{30}$

From

COLONEL F. J. B. PRIESTLEY,
Superintendent, Revenue Survey.

To

R. E. MASTER, Esquire,
Director, Revenue Settlement.

SIR,

I have the honor to forward, for submission to Government, the Annual Report of Survey and Demarcation operations, from 1st January 1868 to 31st March 1869.

I have &c.,

(Signed) F. PRIESTLEY, COLONEL,
Superintendent, Revenue Survey.

REPORT

ON THE

REVENUE SURVEY AND DEMARCATION OF THE MADRAS PRESIDENCY,

From 1st January 1868 to 31st March 1869.

No. 1, REVENUE SURVEY—COIMBATORE AND SALEM.—The main body of the party has been employed in the Coimbatore plains, and detachments from it in the Salem District, on the Neilgherry and Ponachy hills, and in Wynaad. The survey of the Nellumboor teak forest was commenced, but discontinued in consequence of the lateness of the season. The boundaries of the forest are very intricate, and numerous disputes remained unsettled.

2. The party and its detachments were under the orders of Major Hessey, till relieved in February 1869, by Captain Cloete, on his availing himself of three months' privilege leave.

3. In the Coimbatore District, the field plotting in Pulladam and Sattimungalem talooks, was completed, as also in three-fourths of the villages in Peroondory talook. All circuits in the last-mentioned and Bhowany talooks have been run, and Surveyors employed in Darapuram talook. Insertion of details in the Coimbatore talook is in progress.

4. In the Salem District, a detachment has been at work up to the end of May 1868.

	sq. miles.	Rs.	A.	P.
Ahtur ...	431.5	72	15	6
Namacul ...	273.8	141	8	2
Salem ...	641.4	93	0	6
Trechengode ...	417.3	89	8	6
Darampuri ...	446.4	116	8	2
Tripatore ...	176.1	162	2	4
Ootengherry ...	608.8	95	15	11
Kistnagherry ...	306.5	114	6	10
Ossoor ...	375.1	140	0	6
Average cost ...	...	107	6	11

All arrears of testing and Topographical details in the various talooks had been brought up, and the work in the District completed in all respects at an average cost of Rupees 107-6-11 per square mile, as shewn in the margin. The cost, it would appear, is very great in some of the talooks. Owing to the extremely defective demarcation, revision and re-measurement became necessary. A great part of the District consists of difficult

country to survey, jungle, rocks and hills alternate with cultivated land contrasting disadvantageously with other localities. Cost has also been rendered excessive by partial survey of villages excluded originally.

5. The amount of work performed by the party during the fifteen months under report is given below:—

	During first three months of 1868.		During 1868-69.		From 1st January 1868 to 31st March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square miles.	No. of villages.	Square miles.
1. Boundaries surveyed...	14	42.32	18	128.61	32	170.93
2. Fields measured...	11	69.09	57	106.46	68	265.55
3. Do. completed...	47	199.29	168	396.45	215	595.74
4. Details inserted...	59	79.53	74	155.63	133	235.16
5. Area for settlement...	67	183.14	163	456.87	230	640.01
6. Maps sent to Central Office.	116	130.83	180	204.32	296	335.20
7. Minor circuits traversed....	No. 188		No. 957		No. 1145	

6. The cost has been Rupees 1,05,901-12-1 as particularized below:—

During first three months of 1868.....Rupees 21,248-3-0

Do. official year 1868-69..... „ 84,653-9-1

7. It would have been perfectly easy for the party to have pushed on ameen's measurement and field plotting. That would have reduced the rate per mile, but would have been most mistaken policy. What was required of Major Hessey was to have work in the talooks under survey completed in all respects. The demarcation was, as already reported, so very defective, that the revision of it and renewal of marks entailed alteration of maps, and imposed the following additional field work, on which the men of the party have been mainly employed:—

1. Demarcation renewed and details examined	... sq. miles	183.75
2. Old field and other stones firmly fixed	... No.....	10,541
3. New do. do. placed	... „	118,637
4. Re-tested in field	... villages.....	127
5. Re-surveyed ...	... sq. miles	4.17
6. Details corrected in field	... villages...	126
7. Minor circuits surveyed	... do.	66

8. Seven talook maps are in progress, but wait survey of Zemindaries before being completed.

9. Fines to the amount of Rupees 6 have been inflicted and collected.

10. The season has been healthy and favorable for field work.

11. The conduct of the subordinates has, on the whole, been good.

12. Captain Sargeant, who was in charge of the Wynaad detachment, went on sick leave to Europe. Messrs. Cook and Barber, posted to the party in April 1868, as Probationary Assistants, were appointed as Acting 2nd Assistant Superintendents. Captain Cloete, 1st Assistant Superintendent, Revenue Survey, joined the party in January 1869.

13. In June 1868, the party was inspected by the Superintendent.

No. 2, REVENUE SURVEY—KURNOOL.—14. In paragraph 14 of the Report for 1867, it is stated, that Captain A. O. H. Clay was placed in temporary charge of the party. He continued in charge until relieved by Mr. H. O. C. Cardozo, Acting Deputy Superintendent, Revenue Survey.

15. Of the eight talooks in the District, the four named in the margin, having been completed at a cost set opposite to each with the exception of detailing in eleven villages, delayed by the sickness of Surveyors. In Roilkuntla, only four villages remain to be closed, and in Pattikondah, the survey of two villages by Ameens and of seventeen by Head Surveyors is retarded, as these villages are unhealthy, except during two or three months of the hot weather. Markapur was taken in hand early in 1869, and the records of Cumbum, the only talook remaining untouched, have not yet been received from the Settlement Department. The heavy cost, especially in the Sirwell and Nundial talooks, is owing to Surveyors, &c., being required to sub-divide fields already surveyed into blocks of about the maximum extent for wet lands, according to the instructions contained in Proceedings Board of Revenue, No. 1,674 of the 12th March 1866.

16. The progress of work during the period under report is given below:—

	During the first three months of 1868.		During 1868-69.		From 1st January 1868 to 31st March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square Miles.	No. of villages.	Square miles.
1. Boundary Surveyed...	1	3.22	20	116.09	21	119.31
2. Fields measured...	6	46.44	18	122.31	24	168.75
3. Do. plotted...	4	40.76	22	265.29	26	306.05
4. Details inserted...	8	55.16	34	330.19	42	385.35
5. Area for settlement...	23	142.95	48	370.31	71	513.26
6. Minor circuits traversed.	No. 725		No. 2,053		No. 2,778	

17. The expenditure during the first three months of 1868 is... Rs. 15,401 6 6

Do. official year 1868-69... „ 66,798 13 11

or in all amounting to... „ 82,200 4 5

inclusive of Rs. 4,085-1-0 debitable to the settlement for measurement of sub-division of fields,

18. It will be observed from the above that but a little ordinary work has been performed, except under the heads of "Details inserted" and "Area for settlement purposes." To account for this, in some degree, it may be stated that a great part of the establishment was employed in bringing up arrears of minor circuits, revising details, measuring interstitial fields, sub-dividing fields originally demarcated as dry, but since brought under the influence of the Irrigation Company's Canal, &c.

19. The Revenue Survey in the District has been connected with nine Grand Trigonometrical Survey stations. The average error is 6.55 feet per mile.

20. The powers granted under Act XXVIII. of 1860 have been exercised in one only instance. Three Ryots were fined Rupees 10 each. The prompt attention, paid by the chief Revenue authority of the District to the representations from the Survey Officers, has rendered the enforcement of the penal provision of the Act unnecessary.

21. The season has been less unhealthy than last year, although Survey operations, especially to the South of the Pattikondah and Koilkuntla talooks, were seriously impeded by fever.

22. The conduct of subordinates cannot, on the whole, be said to have been satisfactory.

23. The principal alterations are transfer of Captain Clay to the Madras Demarcation Party, and appointment of Mr. J. H. Merriman, as Probationary Assistant Superintendent, Revenue Survey, on the 16th June 1868.

No. 3, REVENUE SURVEY—CUDDAPAH.—24. Revenue Survey operations have been carried on in the talooks marginally named, under the orders of Lieutenant-Colonel Crewe, up to the 4th March 1869, when he was relieved by Mr. Beaumont, Deputy Superintendent, Revenue Survey.

25. In the first talook, Topographical detailing, and in the second, testing by Deputy Surveyors, is nearly completed. Boundary survey and field measurement have come to a close in the Cuddapah and Sidhout talooks, and Surveyors and Ameens were removed to Budwail, in which field work is in progress, and will be completed by the end of July next.

26. The progress of survey, during the fifteen months under report has been as follows:—

	During the first three months of 1868.		During 1868-69.		From 1st January 1868 to 31st March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square miles.	No. of villages.	Square miles.
1. Boundaries surveyed	23	51.33	121	374.31	149	325.69
2. Fields measured	36	84.02	136	381.79	172	46.581
3. Do. plotted	21	73.49	102	299.71	123	373.20
4. Area for settlement	25	105.79	52	235.50	77	391.29
5. Minor circuits traversed	No. 276		No. 1,444		No. 1,720	

27. The expenditure has been Rupees 16,747-5-8 during the first three months, and Rupees 63,006-13-1 during the official year.

28. The rate per square mile, as will be observed from the above, exceeds the cost hitherto attained in the District. This is owing to the hilly nature of the talooks under survey, and to the Surveyors having suffered much from sickness.

29. Seventeen Trigonometrical stations have been identified, and have been connected with the work of the Revenue Survey Department. The average error per mile cannot be given, as extracts from traverses have not yet been received for test and comparison with the Grand Trigonometrical Survey records.

30. Fines to the extent of Rupees 297 have been inflicted on one hundred persons.

31. Besides fifty-nine other casualties, four men have died from fever. The conduct of the subordinates has been generally satisfactory.

32. Captain Wynch, who joined the party in January 1868, was transferred to the Madras District early in June of that year; hence there has been only one Assistant Mr. Tomlinson during the greater part of the year.

33. In September last, the Superintendent inspected the party.

KISTNA DISTRICT.—34. After the Branch Office at Guntur was closed, what remained to be done in the way of computing areas, &c., as shewn below, was performed at the Headquarters of the party, Cuddapah:—

	During the first three months of 1868.		During 1868-69.		From 1st January 1868 to 31st March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square miles.	No. of villages.	Square miles.
1. Details inserted...	16	140.04	37	281.49	53	421.53
2. Area for settlement...	...	...	89	668.21	89	668.21
3. Map sent to Central Office	...	...	96	678.29	96	678.29
4. Do of talooks do.	1	619.62	2	1167.18	3	1786.87

During 1st three months of 1868, Rs. 1,386-11-11
Do. Official year 1868-69, Rs. 9,932-6-10

35. The expenditure incurred during the fifteen months under report is Rupees 11,319-2-9.

36. The talook maps of Guntur, Repalli and Bapatla were received for lithography.

37. The maps of two talooks Vinukondah and Palnad alone remain to complete the District, and will be finished at a further cost of about 300 Rupees.

	Sq. Miles.	Rs.	A.	P.
1. Gudiwada...	656.90	91	6	4
2. Bandar...	513.93	75	15	7
3. Bezwadah...	233.10	86	8	7
4. Nandigama...	521.01	57	8	2
5. Krosur...	668.80	67	10	10
6. Guntur...	438.41	97	13	7
7. Repalli...	519.69	123	0	0
8. Bapatla...	678.77	83	0	1
9. Rajapet...	681.53	69	8	7
10. Vinukonda...	440.91	83	12	11
11. Palnad...	718.87	105	10	10

33. In the margin is given the extent and cost per mile of the eleven talooks in the Kistna District. The average cost is Rupees 85-8-8. The increased cost in some of the talooks may be thus accounted for: Gudiwada, Bezwadah, &c., being the talooks first taken up for survey, the cost per mile was naturally high. In the Repalli talook, a great deal of land measured was, as stated in the last Report, under wet cultivation. The cyclone of 1864 had contributed not a little to swell the expenditure in Guntur and others. Added to the above, the party had to measure newly demarcated lands in numerous villages of different talooks, and to contend against jungle fever in two talooks, Palnad and Vinukonda.

No. 4, REVENUE SURVEY—TINNEVELLY.—39. The party has been uninterruptedly employed in the Tinnevely District under the orders of Mr. F. Puckle till the beginning of March 1869, when he was relieved by Captain Graham on the occasion of his proceeding on privilege leave.

40. Survey operations were carried on in the talooks noted in the margin. In the first five talooks, field work has been completed. Out of 678 villages composing them, only 32 villages remained to be tested, and 117 to be detailed. In the Ottapidaram and Sankaranainarcovil talooks, which were taken in hand during the period under report, two villages require to have their boundaries surveyed, and 36 fields measured. No talook maps have been completed, and received at the Central Office, owing to the transfer of villages from one talook to another proposed by the Collector of the District, and sanctioned by the Board of Revenue in their Proceedings, dated 8th August 1868, No. 5,761.

41. The work performed is appended—

	During the first three months of 1868.		During 1868-69.		From January 1868 to 31st March 1869.	
	No. of vil- lages.	Square miles.	No. of vil- lages.	Square miles.	No. of vil- lages.	Square miles.
1. Boundaries surveyed.. ...	25	88-94	127	557-35	152	646-29
2. Fields measured.. ...	37	98-20	111	439-73	148	537-93
3. Do. plotted	33	107-58	155	508-40	188	615-98
4. Details inserted	25	50-60	172	393-82	197	444-12
5. Area for settlement	14	37-66	492	826-17	512	863-83
6. Maps sent to Central Office ...	10	34-10	169	342-71	179	376-81
7. Minor circuits traversed	No. 202		No. 1,589		No. 1,791	

42. The expenditure incurred is Rupees 98,013-9-4 as particularized below :—

Amount during the first three months of 1868..... Rupees 20,430-11-9
Do. 1868-69..... „ 77,582-13-7

43. The cost per square mile on the area completed in all respects has, compared with the last year, fallen in the proportion of 4 to 3, and considering that complaints of delay by villagers are becoming less frequent and of defective demarcation, not as numerous as they were in the southern talooks, a further reduction in cost is confidently hoped for.

44. In the appendix is given the number of stations connected with the Grand Trigonometrical Survey stations. The error per mile is 14.5 feet. A party of the Grand Trigonometrical Survey is at present working in the District, and when their new stations have been built, better opportunities than have hitherto existed, will be afforded to test, by comparison, the work of the Revenue Survey.

45. No fines have been inflicted under the Boundary Act.

46. The season has been favorable, and the conduct of subordinates good.

47. In October 1868, Captain Graham, the 1st Assistant Superintendent, Revenue Survey, was transferred to No. 1, Madras Demarcation Party, for the special purpose of making himself acquainted with demarcation duties; but was, as before stated, directed to join No. 4 Party to relieve Mr. F. Puckle.

48. During March and April of the last year, the Superintendent made a visit of inspection to the District; the results were submitted to the Board of Revenue in letter No. 1112 of 12th August 1868.

No. 5, REVENUE SURVEY—MADRAS AND NELLORE.—49. The main body of the party has been employed in the Madras District, and a small detachment from it, in the Nellore District, under the orders of a Sub-Assistant in surveying topographically Zemindary tracts excluded from the regular Revenue Survey.

50. Of the three talooks taken up for survey in the former District, Sydapet was completed in every respect. The talook map, both on the one and two inch scale, is nearly completed. In the Trivellore talook, field work has been completed in all villages (except those of which the demarcation is either incomplete, or has not been taken up, owing to the long pending boundary dispute between the talook, and the adjoining Zemindary tracts not having yet been adjusted), and Surveyors and others are employed in testing and detailing. In the

Ponnery talook, the boundary survey and Ameen's measurements are in progress. As directed in G. O. No. 1,191 of the 1st May 1868, an accurate survey of the Seven Pagodas, and the ground plan of the temples, has been made, and the map received at the Central Office.

51. The progress of the party has been as following :—

	During the first three months of 1868.		During 1868-69.		From January 1868 to 31st March 1869.	
	No. of vil- lages.	Square miles.	No. of vil- lages.	Square miles.	No. of vil- lages.	Square miles.
1. Boundaries surveyed.. ...	63	85-16	226	254-88	289	340-04
2. Fields measured.	55	25-48	144	181-30	199	233-78
3. Do. plotted	63	76-30	182	234-09	245	310-39
4. Details inserted.. ...	57	57-90	182	256-09	239	313-99
5. Area for settlement... ..	63	50-12	300	394-02	363	444-14
6. Minor circuits traversed	No. 636		No. 2,300		No. 2,936	

Expenditure during the first three months of 1868..... Rupees 15,402 4 8
Do. 1868-69..... „ 81,047 14 10

Total..... 96,450 3 6

52. The out-turn is incommensurate with the expenditure incurred. Major Barber, under whose order the party is employed, reports delay to the work by Ameens being required to measure the great number of taks into which the fields, which are often small, are, owing to their irregular shape, divided, and by the withdrawal of Surveyors and Ameens from field work for want of Demarcation records; but considering that the men, thus called away from one process of work, have been employed in others, thus accelerating the completion of villages already surveyed, the heavy cost under one head is counterbalanced by reduction in others.

53. The Revenue Survey work in the Madras District has been connected with eleven Grand Trigonometrical stations. The average error is 6.52 per mile.

54. Under Act XXVIII. of 1860, thirty-eight cases have been disposed of, and fines, amounting to Rupees 159, have been collected.

55. The season has, on the whole, been favorable, but the conduct of the subordinates has not been very good.

56. Of the Assistant Superintendents, Mr. Wright has been placed in charge of Trivellore Demarcation. Captain Wynch, who was transferred from No. 3 Party, was inspecting Detail Surveyors, till removed by order of Government.

57. Captain Liardet, who joined as Probationer, has passed the prescribed Test in Surveying, and has been promoted to the grade of Acting 2nd Assistant Superintendent.

58. The Superintendent inspected the party more than once, and found it in good order.

NELLORE DISTRICT.—59. The detachment left in the District has finished the work which remained incomplete in the Ongole talook at the close of 1867, and commenced and completed the Topographical Survey of the Zemindary tracts, with the exception of those in the Udayagherry and Kanigherry talooks, which are in progress, and Darsi and Podili tracts remaining to be undertaken.

59. The progress of the survey is given below :—

	From January 1863 to March 1869.		For 1863-69.		From January 1863 to March 1869.	
	No. of vil- lages.	Square miles.	No. of vil- lages.	Square miles.	No. of vil- lages.	Square miles.
1. Boundaries surveyed..	21	93.98	...	744.58	...	838.56
2. Details inserted..	55	283.59	...	744.58	...	1,028.17
3. Area for settlement...	1	1.33	11	42.25	12	43.63
4. Maps sent to Central Office ...	...	...	360	1,951.29	360	1,951.29

During first three months of 1863..... Rupees 4,555-4-0
Do. 1863-69..... " 12,420-14-7
61. The expenditure has been Rupees 16,967-2-7, as shewn in the margin.

62. Of the nine talooks in the District, the talook maps of five have been received; those of the Udayagherry and Kandikuru talooks have been completed, as far as Government lands are concerned, but wait for the Zemindary tracts to be laid down in them. The maps of Kanigherry and Ongole talooks are in progress.

63. In paragraph 58 of the Report for 1867, it was stated that the five talooks, therein named, have been completed at an average cost of Rupees 92-11-4.

	Extent in square miles.	Cost per mile.		
		RS.	A.	P.
1. Udayagherry	497.74	72	11	10
2. Kanigherry	478.04	691	3	3
3. Kundakur	786.94	58	11	0
4. Ongole	783.57	65	0	6
Average cost...66		9	2	

The cost of the remaining four talooks is given in the margin. The average cost of the District per mile is Rupees 80-15-8.

64. The survey has been connected with, one Great Trigonometrical station situated within the District, and with six stations in

the Kistna District. The average error is 3.48 feet per mile.

No. 6, REVENUE SURVEY—GANJAM.—65. The party has been employed in the Chicacole talook under the orders of Mr. Gompertz, 1st Assistant Superintendent, Revenue Survey, except from 23rd August to 30th November 1868, when he was on privilege leave, and Captain Cloete was placed in charge.

66. The Chicacole talook has been completed, with the exception of one village lately handed over to be demarcated by the Revenue authorities. The circuit of the Itchapur Khandam, Berhampore talook, has been run, and sights taken for it.

67. The annexed Statement shews the progress of the party during the fifteen months ending 31st March 1869.

	During first three months of 1869.		During 1863-69.		From January 1863 to March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square miles.	No. of villages.	Square miles.
1. Boundaries surveyed...	27	24.88	123	82.88	149	107.76
2. Fields measured.....	19	21.71	83	35.23	102	56.94
3. Do. completed.....	7	7.59	77	83.14	84	90.73
4. Details inserted.....	...	...	59	45.76	59	45.76
5. Area for settlement.....	...	...	43	45.73	43	4.573
6. Minor circuits traversed.....	No. 113		No. 992		No. 1,105	

68. The expenditure during first three months of 1863, is..... Rs. 8,255 15 7

Do. official year 1863-69 „ 33,985 2 4

in all amounting to..... „ 42,421 1 11.

69. The out-turn is small compared with the cost. Among the several impediments to progress, sickness and the extremely minute bends in field boundaries, which are now marked may be mentioned, the latter necessitating the measurement of 10 or 15 taks to the acre, a good out-turn tested by area measured is an impossibility. Field plotting and testing are also delayed by the same cause. The difficulty in getting good men to work in the District is another source of delay.

70. The work has been connected with only one Great Trigonometrical station.

71. No fines have been inflicted under the Act XXVIII of 1860.

72. The season has, on the whole, been tolerably healthy, though latterly a good many men (on an average 157 per month out of 217) were on the sick list, and five men have died.

73. The conduct of the subordinates has not been satisfactory.

NEILGHERRY DEMARCATION AND SURVEY.—74. The detachment has been employed under the control of Major Hessey in the settlements named in the margin as also in Melkudah and Neduvattam Government Cinchona Plantations.

75. Appended is given the progress made by the demarcation on the hills.—

	For the first three months of 1863.	During year 1863-69.	From 1st January 1863 to 31st March 1869.
	No.	No.	No.
1. Government Reserves.....	1	59	60
2. Forest Department blocks...	1	23	24
3. Quit-rent properties...	30	219	249
4. Puttah lands.....	165	1,005	1,170
5. Town lots.....	50	74	124
6. Waste land rule lots...	12	126	138
7. Roads.....	21	29	50

76. During the period under report 32,663 marks have been erected.

77. In Ootacamund, owing to the expressed wishes, apathy or non-residence of proprietors, stones have, in many instances, been supplied, at the expense of Government, and their cost recovered afterwards.

78. Only three regular disputes have been settled under the provisions of the Boundary Act, as in many cases, parties to a dispute have come to an amicable settlement, and signed the required certificate.

79. Out of Rupees 3,540-9-2 advanced for the purpose of demarcation, Rupees 1,764-3-6 have been recovered, leaving a balance of Rupees 1,776-5-8, for which bills have been sent to the Tahsildar. In addition to this, a considerable sum will have to be recovered on account of labor supplied to proprietors.

80. The progress of survey has been as follows :—

	For the first three months of 1868.			During the year 1868-69.			From 1st January 1868 to 31st March 1869.		
	Surveyed.	Plotted.	Detailed.	Surveyed.	Plotted.	Detailed.	Surveyed.	Plotted.	Detailed.
1. Government Reserve.	1	...	15	50	9	8	51	9	23
2. Forest Dept. blocks	1	...	1	16	...	...	17	...	1
3. Quit-rent properties	62	19	63	233	192	51	295	211	114
4. Pattah lands...	71	14	124	1,497	375	29	1,568	389	153
5. Town lots...	50	52	338	23	...	423	73	52	761
6. Waste land rule lots.	9	1	25	124	14	3	133	15	28
7. Roads...	23	14	...	26	57	...	49	71	...
8. Linear miles...	40.56	...	...	16.20	...	...	56.76	...	...

81. The Coonoor settlement, excluding Wellington, has been completed in all respects. The outline and Topographical maps, each on a scale of 24 inches=1 mile, and another reduced from the latter to the scale of 8 inches to a mile have been finished.

82. In the settlements of Ootacamund and Kotagherry, also in Wellington Cantonment, the demarcation and survey of boundaries of all lands, except Government Reserves (now in progress) are complete. Detailing and hill-sketching only remain to be done.

83. The work on the Hills has been connected with four Trigonometrical Stations. The average error is 7.81 feet per mile.

84. The cost of Demarcation and Survey on the Hills is Rupees	45,031	4	5
During first three months of 1868.....	7,752	10	10
Do. 1868-69.....	37,278	9	7
Total...	45,031	4	5

PONACHY HILLS.—85. Eight Estates, comprising an area of 3,200 acres, were demarcated and surveyed at a cost of Rupees 3,508-8-2. The work being now almost completed in every respect, the maps and accounts will be handed over to the Collector, that the cost of the operations may be recovered from the owners of the properties.

No. 1, MADRAS DEMARCATION.—86. In paragraph 99 of the Report for 1867, it was stated that, owing to the non-settlement of the boundary dispute between the Government and the Calastry Zemindary villages, it was found necessary, in order to provide work for the field hands, to abandon Trivellore in an incomplete state, and to remove the party to the Ponnery talook.

87. The Head-quarters were also transferred to the Ponnery talook in May 1868, leaving a detachment under the orders of Mr. Wright to complete Trivellore. In December 1868, Mr. Thornhill, Acting Collector of Madras, was appointed for the special duty of adjusting the disputed boundary, and, in order that it might be demarcated as soon as settled, the detachment was doubled in strength.

88. Captain Baynes was at the head of the party till September 1868, when ill-health, compelling him to proceed to England, Captain Clay was placed in charge.

89. Demarcation operations were carried on during the fifteen months ending 31st March 1869 in the talooks named in the margin. In the Sydapet, completed in 1867, the Cantonments of Saint Thomas' Mount and Palaveram of 12 square miles in extent, were demarcated agreeably to Proceedings Board of Revenue, No. 3,349 of the 14th May 1866.

Sydapet.
Trivellore.
Ponnery.

90. The Trivellore and Ponnery talooks are in progress, and approaching completion. The progress of the party is as follows :—

	During the first three months of 1868.		During 1868-69.		From 1st January 1868 to 31st March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square miles.	No. of villages.	Square miles.
1. Boundaries demarcated..	32	34.88	192	194.20	224	229.08
2. Do. in progress.....	14	8.77	52	54.85	52	54.85
3. Fields demarcated.....	24	23.30	95	101.08	119	124.38
4. Do. in progress.....	20	6.76	36	13.87	36	13.87
5. Sketches completed....	28	33.23	194	194.32	222	227.55
6. Do. handed over to survey.	70	55.71	260	214.19	330	269.90

91. The expenditure has been as follows :—

	During the first three months of 1868.			During 1868-69.		
	RS.	A.	P.	RS.	A.	P.
1. Establishment ...	8,915	2	4	37,598	9	10
2. Stones ...	3,583	12	0	19,245	1	2
3. Carriage ...	665	4	6	36,647	3	7
Total ...	13,164	2	10	93,490	14	7

92. Compared with that of the last year, the increase of cost per square mile is very great. This is attributed :—

1st.—To no arrangements having been made till December 1868 for the settlement of boundary disputes that existed between the Kalastry and Karvatinagger Zemindaries and Government villages of the Trivellore talook.

2nd.—To the consequent removal of Field Establishment to a fresh talook before arrangements to supply them with stones could be made.

3rd.—To the inability of the stone Contractors to meet the sudden demand on their resources.

4th.—To the absence of any quarries in the Ponnery talook, and the consequent necessity for all materials required being brought from Sholinghur in the North Arcot District.

5th.—To the closing of the quarries for some time by an order of the Collector of North Arcot District ; and

6th.—To the failure of the North-East monsoon rendering necessary the conveyance of stones for the eastern portion of North Ponnery across the swamps at a considerable expense to Government.

93. The number of stones of all descriptions erected during the period under report is given below :—

Items.	Village Boundaries.		
	For three months.	For twelve months.	Total.
1. No. of villages ...	22	194	216
2. „ Khandams ...	209	921	1,130
3. „ Boundary station stones ...	901	3,561	4,462
4. „ Do. offset do. ...	4,309	9,542	13,851
5. „ Khandam station do. ...	1,712	5,285	6,997
6. „ Do. offset do. ...	6,715	23,445	30,160

Field Boundaries.

	For three months.	For twelve months.	Total.
1. No. of villages ...	24	95	119
2. „ Field marks ...	13,694	1,31,304	1,44,998

94. The average number of stones per acre demarcated in fields is 1.82, and costs to Ryots Rupee 0-6-10 in Trivellore, and Rupee 0-9-5 in Ponnery talook per acre.

95. Seventy-one boundary disputes, twenty-four under Act XXVIII. of 1860 and forty-seven with the mutual consent of the parties concerned have been settled by the Demarcation Officers. Of the eighty-seven village disputes in existence on the side of the Kalastry Samustanum, forty-nine had been disposed of by the Settlement Officer up to 31st March 1869.

96. Rupees 80,872-11-8 have been advanced to Ryots for the purpose of Demarcation, and Rupees 9,032-14-3 recovered, leaving a balance of Rupees 71,789-13-5. A proposal, for the recovery of these advances, is now before the Revenue Board and Government.

97. Fines to the extent of Rupees 132-12-0 have been inflicted under the Boundary Act. The number of offenders were 51. Captain Clay states that since October 1863, he has had no occasion to fine villagers, as the Ponnery Ryots have lately shewn a greater readiness in rendering assistance to the Demarcation Gamastahs than they manifested at the beginning, when the measures for the relief of an apprehended scarcity raised in their minds the expectation that demarcation and survey would be put a stop to.

98. The health of the party has been good.

99. The conduct of the subordinates has not, on the whole, been satisfactory.

100. The work has been more than once inspected by the Superintendent.

No. 2, GANJAM DEMARCATION.—101. The party has been employed under the orders of Mr. Gompertz, in the talooks of Chicacole and Berhampore, and nearly completed the former. The latter talook is in progress.

102. The progress made is given below:—

	During the first three months of 1868.		During 1868-69.		From 1st January 1868 to 31st March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square miles.	No. of villages.	Square miles.
1. Boundaries demarcated ...	67	44-90	114	136-11	181	181-01
2. Do. in progress ...	...	...	82	76-73	82	76-73
3. Fields demarcated ...	41	24-10	53	99-77	94	123-27
4. Do. in progress ...	...	...	82	19-91	82	19-91
5. Sketches completed ...	67	...	114	...	181	...
6. Do. handed over to survey ...	66	33-51	106	124-97	172	158-48

	From January to March 1868.	During 1868-69.
1. Establishment ...	3,544 12 0	17,858 7 3
2. Stones ...	...	6,003 0 0
Total ...	3,544 12 0	23,866 7 3

103. The total expenditure, inclusive of Rupees 6,008 on account of stones debitable to Government, is Rupees 27,411-3-3.

104. Mr. Gompertz, the Officer in charge, points out that the area demarcated in fields is not a fair test of the amount of work performed. The practice of demarcating every holding, and of marking each irregularity in the field boundary, has thrown a very large amount of work on the party. The number of field marks, and not the area of cultivation, should be taken as a criterion.

105. From the appended statement of marks erected during the period under report, it will be observed that the average number of field stones per acre of cultivation is 3.5, and costs to Ryots Rupee 0-2-10.

Village Boundaries.

Items.	For three months.	For twelve months.	Total.
1. No. of villages ...	67	196	263
2. „ Khandams ...	377	1,234	1,611
3. „ Boundary station stones ...	819	1,910	2,729
4. „ Khandam station do. ...	1,630	4,296	5,926
5. „ Boundary and Khandam offset do. ...	12,153	52,223	64,376

Field Boundaries.

1. No. of villages ...	41	135	176
2. „ Field marks ...	50,290	2,86,784	3,37,074

106. Ninety-nine disputes were disposed of during the period under report; of these, eighty-three were settled by amicable adjustment.

107. The total amount advanced to Ryots has been Rupees 27,836-11-10, and recovered Rupees 8,420-2-2, leaving a balance of Rupees 19,416-9-8 outstanding at the date of the report (1st April 1869).

108. Seven men in two cases have been fined under Act XXVIII. of 1860; the aggregate amount of the fines was Rupees 29. Much trouble is given by the Orya villagers, and in their cases, fining may be absolutely necessary. Three cases in which offenders have been prosecuted under Section IX. of the Act have occurred and conviction obtained, except in one case, which was dismissed after much and most unsatisfactory delay.

109. There has been a good deal of sickness during the past season.

110. The conduct of the subordinates is not favorably reported on.

No. 3, COIMBATORE DEMARCATION.—111. The party was employed in the Darapuram talook up to June 1868, when half the establishment was transferred to the Caroor talook, and was, before the close of the year, brought to the full strength.

112. Mr. J. J. Tomlinson was in charge of the party, except during his absence on privilege leave. Mr. Cook, Probationary Assistant Superintendent, Revenue Survey, held the charge during the interval.

113. The Darapuram talook was completed in all respects. In Caroor, eighty-one out of eighty-three villages have been boundary surveyed.

114. The amount of work performed is given below:—

	During the first three months of 1868.		During 1868-69.		From 1st January 1868 to 31st March 1869.	
	No. of villages.	Square miles.	No. of villages.	Square miles.	No. of villages.	Square miles.
1. Boundaries demarcated ...	4	18-39	80	489-62	84	508-01
2. Do. in progress ...	2	6-92	2	36-09	2	36-09
3. Fields demarcated ...	5	150-89	53	288-58	58	439-47
4. Do. in progress ...	19	259-18	23	65-47	23	65-47
5. Sketches completed ...	...	...	30	194-78	30	194-78

	From January to March 1868.	During 1868-69.
Establishment	5,869 12 9	24,179 8 0
Stones	611 4 0	8,365 9 0
Total	5,981 0 9	27,544 1 0

115. The expenditure has been Rupees 33,525-1-9 exclusive of Rupees 3,976-18-0 debitable to Government on account of stones.

116. The out-turn is incommensurate with the expenditure, though the cost of field demarcation has, compared with that of 1867, fallen in the proportion of 5 to 4. The chief reason for a diminished out-turn is the enormous amount of time wasted in straightening of bends of fields in Nunjah land in order to lessen the number of stones used. Through misconception, several properties have been clubbed, and delay to regular work was occasioned by Gurnastahs having been employed in the examination and correction of them. Work was also interfered with by scanty supply of stones, and withdrawal of curmains for Jammabundy.

117. Appended is given the number of stones of all descriptions erected during the period:—

Village Boundaries.

Items.	For three months.	For twelve months.	Total.
1. No. of Villages.	4	80	84
2. „ Khandams	237	1,792	2,029
3. „ Boundary station stones. ...	193	3,015	3,208
4. „ do. offset do.	1,181	14,213	15,394
5. „ Khandam station do.	2,913	4,284	7,197
6. „ do offset do.	19,134	25,469	44,603

Field Boundaries.

1. No. of Villages	39	43	82
2. „ Field marks	58,540	1,07,439	1,65,979

118. The average number of stones per acre demarcated in detail is 0.5 same as in the last year, and costs to Ryots Rupee 0-1-3 in Darapuram, and Rupee 0-1-0 in Caroor talook.

119. Since the date of the last report, 12 boundary and 86 minor disputes have been settled, and 7 of the former and 73 of the latter remain unsettled.

120. Rupees 1,381-15-10 have been advanced for the purpose of demarcation. It was found necessary, not on account of poverty of the Ryots, but for their indolence in neglecting to provide stones that were lying ready at the quarries. Rupees 501-10-6 have been recovered.

121. Fines to the extent of Rupees 555 have been inflicted on 118 persons under the Boundary Act. During the period, there have been three prosecutions, two under Section 9 and one under Section 29 of the Act. The offenders, in all the three cases, were found guilty and fined.

122. The season was favorable, and the conduct of subordinates, with a few exceptions, has been good.

123. Major Hessey, under whose supervision, the party is working, expresses his obligation to Mr. Webster, Sub-Collector, for the interest he has taken in the work.

CENTRAL OFFICE.—124. The expenditure in the Central Office has been, from the 1st

	Waste land blocks	Properties	Estates	Estates and properties	Copies.
Neilgherry Hills	42	161			
Wynaad	12	27			
Shervaroy Hills	22	46			
	10	27			
Total...	86	261			

January to 31st March 1868, Rupees 9,106-0-3, and from 1st April 1868 to 31st March 1869, Rupees 38,464-6-9. As usual, it has been engaged in the checking of accounts, maps and records. 261 manuscript copies of maps

of 86 Waste land blocks, estates and properties in the Neilgherry Hills, Wynaad, and Shervaroy Hills, were made and supplied during the official year 1868-69.

LITHOGRAPHIC PRESS.—125. During the first three months of 1868, the press has printed, 5,016 copies of 131 village maps, containing an area of 537.05 square miles, and from 1st April 1868 to 31st March 1869, 55,194 copies of 1,481 village maps, comprising an area of 3,366.86 square miles.

126. The expenditure is given in the margin. The cost of lithography for the first three months of 1868 is Rupees 4-8-6 per mile, or Rupees 0-7-9 per copy, and from 1st April 1868 to 31st March 1869, Rupees 4-15-2 per mile, or Rupee 0-4-10 per copy. In explanation of the cost per square mile being higher, while the cost per copy is less during the official year 1868-69 than during the first three months of 1868, I have to state that a larger number of copies of village maps were ordered in Proceedings Board of Revenue, No. 4,282, dated 9th July 1867, than had previously been prepared.

127. The extra establishment sanctioned in G. O. No. 2,114, dated 9th September 1867, have completed the District maps of South Arcot and Kurnool, shewing the talooks as arranged by Mr. Pelly. Two maps are now in progress, i.e., those of the Kistna and Tinnevely Districts. The sanction for the establishment, having expired on the 10th of March 1869, application has been made for its continuance.

128. The expenditure incurred from 1st January 1868 to 29th February 1869 is Rupees 1,393-1-1.

129. Were it not for the perfect confidence I can repose in Mr. Starr, the Head Uncovenanted Assistant in my office, it would be impossible for me to perform the frequent, and sometimes protracted tours of inspection, that are so desirable. I desire therefore to put his good service on record.

130. To my 2nd Uncovenanted Assistant, K. S. Ragavacharry, I am much indebted for the intelligent and zealous aid he has afforded me in office.

131. During the period under report, the Lithographic Press and Drawing Departments have been placed under Mr. Barren, who is a thoroughly competent Lithographer and Draftsman.

GENERAL REMARKS.—132. In Survey, the out-turn is, on the whole, small, but in the essential matter of work ready for settlement, about 4,000 square miles, having been completed, there would appear no great necessity for remark. With hardly an exception, the officers have performed their duties cheerfully and efficiently, but the calls on them have been unusually heavy from the large proportion absent. This will be evident when I state that the permanent establishment of nineteen Officers has been reduced by no fewer than nine, viz., seven on sick leave, one on furlough, and one removed. It is true that five Probationary Assistants have joined: they however, but in a small degree, compensate for the loss of experienced officers.

133. One of the subjects, which would seem to require some notice, is the large expenditure for Demarcation in the Madras District.

134. I beg to point out that, with regard to Demarcation, the field of operations is exceptional in almost every respect.

135. To execute Demarcation satisfactorily, it is requisite:—

- That material should be obtainable within a moderate distance.
- That passable roads should traverse the country.
- That the Ryots should be well disposed.
- That the fields should be moderately large and regular.

V. That there should exist no large number of boundary disputes unadjusted by the Revenue Officers.

VI. That agriculture should be in a fairly flourishing condition.

136. In each and every one of these conditions, the Ponnery talook is deficient—

I. Stone procured from Sholinghur had to be borne 55 miles by rail before arriving within six miles of the border of the talook, or thirty miles of its extremelimits.

II. Almost the only road that exists in the talook is the trunk road to Nellore, and except during the very driest part of the hot weather, cart traffic is almost impossible. It will perhaps be remembered that 1863 was an unusually wet year.

III. The Ryots had, in some manner, been induced to form the idea that the operations of Survey and Demarcation could be got rid of if they were made extraordinarily costly, and though repeatedly warned that by their obstruction and passive resistance, they were assuredly adding to the bills they would have to pay, it was only latterly that they began to suspect that they had been deceived by persons more designing and less ignorant than themselves. Latterly, however, a marked improvement has been noticed.

IV. The talook contains a vast number of small tanks, the fields under which are as minute and irregular as possible.

V. The time of the Demarcation Officer has been very much occupied in the settlement of boundary disputes, many of them immemorial.

VI. It will doubtless not have been forgotten that the condition of the agricultural population in the Ponnery talook was considered so unsatisfactory that orders were issued for the performance of Demarcation in the first instance at Government expense, and forbidding the recovery of the advances so made unless specially sanctioned.

137. To crown our difficulties, the Native Contractors failed to perform their contracts chiefly, as they alleged, from the quarries at Sholinghur having been closed. Fortunately, for the supply of material to the Conjeveram talook, a contract, with an English Gentleman, Mr. Woolley, had been entered into, and to his assistance in Ponnery we are much indebted.

138. The rates of his contract are higher than those of Native Contractors; but, as there was no doubt about his ability to perform it, it was considered far cheaper in the end to pay higher rates for a certain supply than with lower rates to find a part, or sometimes even almost the whole establishment without material for work. I may mention that I purpose requiring a very considerable reduction of prices in the next contract entered into. By this and by means of reducing the number of descriptions of stones for demarcation, and by modifications in the arrangements for performing the actual demarcation itself, I trust, in the next talook undertaken, to reduce the cost by one-half.

CAPTAINS, BAYNES AND CLAY.—139. Of the Officers employed in Madras, I am bound to say that they have been most zealous and unremitting in their exertions. Of Demarcation in the other Districts (Ganjam and Coimbatore), I am able to speak in far more favorable terms. In Ganjam, during a recent tour on inspection, my attention was attracted to the extremely minute sub-division of land, and I am in consultation with the Demarcation Officers on the best means of lightening the labor and cost of demarcation arising from this circumstance. To Mr. Gompertz, the Officer in charge, great praise is due for his unsparing exertions in carrying out his responsible and laborious duties.

140. In Coimbatore, Major Hessey, as usual, has succeeded in performing excellent work at the minimum cost. It is true there are certain advantages in Coimbatore, such as the smaller number of stones per acre required, but all considered, the work does great credit to Major Hessey, who had the general control of it.

141. It affords me great pleasure to be able to report to Government most favorably on the survey of the Neilgherry settlements.

142. The outline map for Revenue purposes of the Coonoor settlement on the large scale of 24 inches = 1 mile has been lodged in my Office; a couple of lithographed specimen sheets with land Register are appended, and will enable Government to appreciate the value of such a survey to the Commissioner and other Revenue Officers on the Neilgheries. It will be observed that, notwithstanding the very large scale of the map, it has been found advisable to shew certain portions on a scale of still greater magnitude, in order to permit of the boundaries of petty native holdings in and about the bazaar being distinguished.

143. As a survey, it is remarkable for its accuracy (attained under the most difficult circumstances) as evinced by test with distances fixed trigonometrically.

144. In addition to the map for Revenue purposes, two others of the Coonoor settlement have been drawn to exhibit the configuration of the ground and its general topography, one on the same scale as the Revenue map, the other on the scale of 8 inches = 1 mile. They are both admirable productions, and reflect the highest credit on Major Hessey, who, from the want of Topographical Draftsmen and Hill-sketchers, has himself performed a large proportion of the field work in instructing some Surveyors, and for a like reason has drawn with his own hand the larger map. He has now, he informs me, men, whom he has instructed, fully competent to undertake the hill-sketching and contour-drawing of the other settlements.

145. When it is considered that Major Hessey's charge embraces also Demarcation and Survey in Coimbatore, and the control at times of detached parties of Surveyors in Salem, in Wynaad and on the Annamullay Hills, and that his visits to the Neilgheries were only made for some days during each month, his having been able to perform such an amount of field work and drawing is marvellous.

146. I append a small specimen sheet to exhibit the style in which it is proposed to lithograph the map. I confine myself to this, as sufficient data being now available, the order of Government on this subject, dated 4th February 1868, No. 309, will be very shortly carried out.

REVENUE SURVEY OFFICE,
CHEPAUK, 22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,
Superintendent, Revenue Survey.

Return of area surveyed and cost incurred during the first three months of 1868.

Names of Parties.	Extent measured in Square miles.	Actual expenditure during the year.	Estimated measurement allowance.	Expenditure including estimated measurement allowance.	Share of Central Office exclusive of Superintendent's allowance.	Expenditure of each party, inclusive of the share of Central Office.	CHARGEABLE TO GENERAL FUND.					Total expenditure including all charges.
							Regimental allowance of the Supt. and Officers.	Measurers and Coolies.	Instruments issued.	Total chargeable to General Fund.		
No. 1, Coimbatore and Salem.	43	19,552 10 0	250 0 0	19,802 10 0	800 4 3	20,602 14 3	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	22,940 8 6
" 2, Kurnool	3	13,903 3 6	...	13,903 3 6	800 4 3	14,703 7 9	2,147 2 0	...	...	...	...	16,699 15 5
" 3, Cuddapah and Kistna.	51	13,369 6 11	300 0 0	13,669 6 11	800 4 3	14,469 11 2	1,573 12 0	376 0 0	46 11 8	1,956 7 8	...	20,178 10 6
" 4, Tinnevely	89	19,721 4 9	500 0 0	19,221 4 9	800 4 3	20,021 9 0	3,663 5 0	1,532 14 8	493 11 8	5,708 15 4	...	22,229 4 8
" 5, Nellore and Madras	179	18,137 13 8	1,000 0 0	19,137 13 8	800 4 3	19,938 1 11	2,161 0 0	...	46 11 8	2,207 11 8	...	22,256 1 7
" 6, Ganjam	25	7,310 11 6	150 0 0	7,460 11 6	400 2 2	8,060 13 8	3,271 4 0	745 4 1	25 11 0	996 12 1	...	9,027 9 9
Total...	389	91,195 2 4	2,200 0 0	93,395 2 4	4,401 7 5	97,796 9 9	12,062 4 0	2,654 2 9	849 1 11	15,565 8 8	...	1,13,362 2 5
Neigherries	...	7,752 10 10	...	7,752 10 10	...	...	...	...	...	...	...	7,752 10 10
Ponachy Hills	...	...	...	...	...	...	...	...	...	...	...	...
Wynad	...	3,516 8 5	...	3,516 8 5	...	3,516 8 5	...	...	...	...	...	3,516 8 5
Grand Total...	389	1,03,464 5 7	2,200 0 0	1,01,664 5 7	4,401 7 5	1,00,065 13 0	12,062 4 0	2,654 2 9	849 1 11	15,565 8 8	...	1,24,631 5 8

REVENUE SURVEY OFFICE,

CHEPAUK, 22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,

Superintendent, Revenue Survey.

Return of area surveyed and cost incurred during the year 1868-69.

Names of Parties.	Extent measured in Square miles.	Actual expenditure during the year.	Estimated measurement allowance.	Expenditure including estimated measurement allowance.	Share of Central Office, exclusive of Superintendent's allowance.	Expenditure of each party, inclusive of the share of Central Office.	CHARGEABLE TO GENERAL FUND.					Total expenditure including all charges.
							Regimental allowance of the Superintendent and Officers.	Measurers and Coolies.	Instruments issued.	Total chargeable to General Fund.		
No. 1, Salem and Coimbatore ...	129	79,061 10 9	1,000 0 0	80,061 10 9	8,355 2 11	83,416 13 8	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
" 2, Kurnool ...	116	63,810 15 6	700 0 0	64,510 15 6	3,355 2 11	67,866 2 5	7,398 2 8	...	969 5 5	8,367 8 1	91,784 5 9	91,784 5 9
" 3, Kistna and Cuddapah ...	374	58,127 8 0	2,000 0 0	60,127 8 0	3,355 2 11	63,482 10 11	3,666 1 4	1,123 1 5	366 5 5	5,100 8 2	73,026 10 7	73,026 10 7
" 4, Tinnevely ...	557	73,176 8 1	2,500 0 0	75,676 8 1	3,355 2 11	79,031 11 0	11,785 11 4	...	371 5 5	16,989 5 8	80,472 0 7	80,472 0 7
" 5, Nellore and Madras ...	1,000	80,559 0 8	1,000 0 0	81,559 0 8	3,355 2 11	84,914 3 7	6,212 9 10	...	440 15 5	6,653 9 3	85,683 4 3	85,683 4 3
" 6, Ganjam ...	83	31,260 14 3	300 0 0	31,560 14 3	1,677 9 6	33,238 7 9	14,716 1 1	...	650 8 7	15,366 9 8	1,00,230 13 3	1,00,230 13 3
Total...	2,259	3,85,906 9 3	7,500 0 0	3,93,406 9 3	19,453 8 1	4,11,950 1 4	903 2 4	2,734 4 1	228 2 7	8,855 9 0	37,004 0 9	37,004 0 9
Neigherries ...	...	37,278 9 7	...	37,278 9 7	...	37,278 9 7	...	...	...	...	37,278 9 7	37,278 9 7
Ponachy Hills ...	5	3,508 8 2	...	3,508 8 2	...	3,508 8 2	...	...	...	...	3,508 8 2	3,508 8 2
Wynad ...	...	426 1 11	...	426 1 11	...	426 1 11	...	...	...	...	426 1 11	426 1 11
Grand Total...	2,264	4,27,209 12 11	7,500 0 0	4,34,709 12 11	19,453 8 1	4,53,163 5 0	44,681 12 7	8,034 10 5	3,026 10 10	56,393 1 10	5,09,556 6 10	5,09,556 6 10

REVENUE SURVEY OFFICE,

CHEPAUK,

22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,

Superintendent, Revenue Survey.

Statement shewing the extent of Demarcation work performed by the Demarcation parties and the expenditure incurred thereon for the 1st three months of 1868.

Districts and talooks.	Number of villages completed.	Number of villages in progress.	Actual work in square miles.	Cost.			Share of Central Office.			Total.			Cost of Pillars.		
				RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
1. Madras Demarcation...	32	14	43-05	8,915	2	4	800	4	3	9,715	6	7	*4,249	0	6
2. Ganjam Demarcation...	67	...	44-90	3,544	12	0	400	2	2	3,944	14	2	...	...	...
3. Coimbatore Demarcation...	4	2	25-31	5,369	12	9	800	4	3	6,170	1	0	611	4	0
Total...	103	16	113-26	17,829	11	1	2,000	10	8	19,830	5	9	4,860	4	6

* Includes Rs. 665-4-6 on account of carriage of stones.

REVENUE SURVEY OFFICE, CHEPAUK, }
22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,
Superintendent, Revenue Survey.

Statement shewing the extent of Demarcation work performed by the Demarcation parties and the expenditure incurred thereon for the official year 1868-69.

Districts and talooks.	Number of villages completed.	Number of villages in progress.	Actual work in square miles.	Cost.			Share of Central Office.			Total.			Cost of Pillars.		
				RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
1. Madras Demarcation.	192	52	249-05	37,598	9	10	3,385	2	11	40,953	12	9	*55,892	4	9
2. Ganjam Demarcation.	114	82	212-84	17,858	7	3	1,677	9	6	19,536	0	9	6,008	0	0
3. Coimbatore Demarcation.	80	2	525-71	24,178	8	0	3,355	2	11	27,533	10	11	3,365	9	0
Total...	386	136	987-60	79,635	9	1	8,387	15	4	88,023	8	5	65,265	13	9

* Includes Rs. 36,647-3-7 on account of carriage of stones.

REVENUE SURVEY OFFICE, CHEPAUK, }
22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,
Superintendent, Revenue Survey.

Statement of Expenditure of the Revenue Survey, Lithographic Department, for the 1st three months of 1868.

	Extent in square miles.	Expenditure.			Cost per square mile.		
		RS.	A.	P.	RS.	A.	P.
Village Maps	537	2,434	5	4	4	8	6
Total...	537	2,434	5	4	4	8	6

REVENUE SURVEY OFFICE, CHEPAUK, }
22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,
Superintendent, Revenue Survey.

Statement of Expenditure of the Revenue Survey, Lithographic Department, for the year 1868-69.

	Extent in square miles.	Expenditure.			Cost per square mile.		
		RS.	A.	P.	RS.	A.	P.
Village Maps	3,367	16,665	13	2	4	15	2
Total...	3,367	16,665	13	2	4	15	2

REVENUE SURVEY OFFICE, CHEPAUK, }
22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,
Superintendent, Revenue Survey.

Statement of Comparative distances between Grand Trigonometrical Stations.

Districts.	Stations.	DISTANCES.		Difference.	Error per mile.
		By Trigonometrical Survey.	By Revenue Survey.		
Kurnool District.	From Jaggernant to Siddapur ...	238,453.8	238,293	160.8	3.56
	Do. do. to Dhoneconda ...	152,916.3	152,759	157.3	5.43
	Do. do. to Goomanconda ...	102,494.6	102,285	209.6	10.81
	Do. do. to Karrabelagallu ...	124,280.5	124,078	202.5	8.60
	Do. do. to Pedda Curuva ...	179,126.6	178,966	160.6	4.73
	Do. Goomancondah to do. ...	150,890.8	150,723	167.8	5.87
	Do. do. to Siddapur ...	174,759.5	174,345	414.5	12.55
	Do. do. to Dhonecondah ...	180,850.4	180,845	5.4	0.15
Madras District.	Do. Karrabelagallu to do. ...	167,408.8	167,642	233.2	7.34
	Do. Boondy Pagoda to Chemboode H. ...	89,290	89,335	45	6.04
	Do. do. to Urrambakkam H. S. ...	11,134	11,120	14	6.64
	Do. Chemboode H. to do. ...	50,417	50,446	29	3.03
	Do. Tandara S. to do. ...	81,587	81,439	148	9.59
	Do. do. to Tiroovaloor ...	56,825	56,801	24	2.23
	Do. Mungot H. to Poonamalli ...	13,354	13,327	27	10.69
	Do. Mount to do. ...	32,973	32,949	24	3.84
Kistna District.	Do. do. to Perumbakkam Base Line ...	40,966	41,030	64	8.24
	Do. Perumbakkam H. S. to do. ...	8,189	8,172	17	10.93
	Do. Vellacherry North end of Base Line to do. ...	40,006	39,988	18	2.33
	Do. do. to Perumbakkam H. S. ...	43,971	43,949	22	2.64
	Do. Kotapakonda to Palaparru ...	90,699	90,623.6	75.4	4.39
	Do. do. to Bobapalli ...	81,106	81,028.5	77.5	5.05
	Do. do. to Dunapa ...	87,257	87,223.5	33.5	2.01
	Do. do. to Yerraconda ...	118,629	118,541.7	87.3	3.88
Nellore District.	Do. do. to Manianconda ...	96,988	96,855.1	132.9	7.24
	Do. Yerraconda to do. ...	117,772	117,768.5	3.5	0.15
	Do. do. to Dunapa ...	100,149	100,108.2	40.9	2.15
	Do. Bobapalli to do. ...	69,021	68,933.6	87.4	6.68
	Do. do. to Palaparru ...	64,061	64,054.4	6.6	0.54
	Do. Dunapa to Peddakattippa ...	83,693	83,648.5	44.5	2.81
	Do. Yerracondah to do. ...	97,705	97,768.9	63.9	3.45
	Do. Deverbet Snowden to Carin Hill. ...	21,721.9	21,680.7	41.2	10.01
Coimbatore District, Nollcherry Hills.	Do. Dodabet to do. ...	20,750.1	20,724.6	25.5	6.49
	Do. do. to Elk Hill ...	9,425.4	9,415.7	9.7	5.43
	Do. Carin Hill to do. ...	11,377.7	11,358.5	19.2	8.91
	Do. Dodabet to Deverbet Snowden ...	13,180.2	13,162.6	17.6	7.05

REVENUE SURVEY OFFICE,
CHEPAUK, 22nd July 1869.

(Signed) F. PRIESTLEY, COLONEL,
Superintendent, Revenue Survey.

Statement of work remaining to be completed in Districts under Survey on the 1st April 1869.

	Number of talooks in the District.	Number of talooks completed.	Number of talooks under survey.	EXTENT.		BOUNDARIES TO BE SURVEYED.		FIELDS TO BE MEASURED.		FIELDS TO BE PLOTTED.		TO BE DETAILED.		AREA TO BE SENT TO THE SETTLEMENT DEPARTMENT.		MAPS TO BE SENT TO THE CENTRAL OFFICE.		Remarks.
				Number of villages.	Square miles.	Number of villages.	Square miles.	Number of villages.	Square miles.	Number of villages.	Square miles.	Number of villages.	Square miles.	Number of villages.	Square miles.	Number of villages.	Square miles.	
No. 1. Salem...	9	6	3	1,127	1525.20	...	...	...	...	...	...	...	...	...	...	176	189.10	• Excluding 442 villages of 1245.19 square miles area ready for settlement.
" Do. Coimbatore	11	...	6	979	3443.41	69	639.28	110	919.11	189	1280.06	739	2989.67	• 225	1142.06	831	3250.63	
" 2. Kurnool	8	...	7	677	4501.56	91	785.49	69	730.89	114	1247.53	303	2429.17	211	1762.95	528	3171.43	
" 3. Cuddapah	11	...	5	588	2018.53	76	153.05	42	62.43	137	427.09	589	2018.53	363	1376.46	589	2018.53	
" 4. Tinnevely	9	...	7	803	8006.89	2	† 676.53	33	180.52	70	460.11	242	† 2190.16	276	1440.54	278	1436.07	† Inclusive of 667.20 square miles of Zemindary tracts.
" 5. Nellore	9	7	2	114	1309.46	...	† 333.22	...	...	...	...	...	† 333.22	...	...	...	...	† Zemindary tracts.
" Do. Madras	6	...	3	839	930.61	203	255.04	173	234.97	221	329.30	526	643.48	839	\$ 930.61	839	\$ 930.61	\$ The area lists and fair maps of 286 villages of 343.37 square miles are ready.
" 6. Ganjam	3	...	3	749	714.87	435	413.47	368	373.15	410	410.97	633	667.80	706	609.14	749	714.87	

(Signed) F. PRIESTLEY, COLONEL,
Superintendent Revenue Survey.

REVENUE SURVEY OFFICE,
CHEPAUK, 22nd July 1869.

Statement of work remaining to be completed in Districts under Demarcation on the
1st April 1869.

Party.	Number of talooks in the District.	Number of talooks completed.	Number of talooks under Demarcation.	Extent.		Boundaries to be demarcated.		Fields to be demarcated.		Sketches to be handed over.	
				Number of vil. lages.	Square miles.	Number of vil. lages.	Square miles.	Number of vil. lages.	Square miles.	Number of vil. lages.	Square miles.
No. 1, Madras Demarcation	6	1	5	553	680 52	143	308-74	105	81 21	170	361-07
No. 2, Ganjam do.	3	1	1	429	411-24	364	312-35	228	227-08	374	327-88
No. 3, Coimbatore do.	11	3	2	165	1299-38	2	36-09	81	521-41	132	951-05

REVENUE SURVEY OFFICE,
CHEPAUK, 22nd July 1869.

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

No. 1, REVENUE SURVEY PARTY.

Statement of work remaining to be completed on the Nilgerry Hills under Demarcation and Survey up to 31st March 1869.

Settlements.	Number.	TO BE DEMARCATED.						TO BE SURVEYED.						TO BE PLOTTED.						TO BE DETAILED.						Remarks.	The number of Circles for Puttahs inside the other nine blocks not known.
		Roads.	Government reserves.	Forest Department's blocks.	Quit-rent properties.	Puttah lands.	Town lots.	Waste land blocks.	Minor Circuits.	Roads.	Government reserves.	Forest Department's blocks.	Quit-rent properties.	Puttah lands.	Town lots.	Waste land blocks.	Minor Circuits.	Roads.	Government reserves.	Forest Department's blocks.	Quit-rent properties.	Puttah lands.	Town lots.	Waste land blocks.	Minor Circuits.		
Coonoor Settlement...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Out of Settlement	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wellington Cantonment	3	...	...	...	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ootacamund Settlement	4	...	...	10	15	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Out of Settlement	5	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kotagerry Settlement	6	...	...	9	2	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Out of Settlement	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pylora Government Plantation	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mailkonda Plantation	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nedavattam Settlement	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	11	14	12	19	43	83	...	11	12	13	23	26	52	210	13	16	12	12	43	70	43	267	1,638	63	99	141	9
Nellumboor Teak Plantation	11	...	...	...	...	12	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...

REVENUE SURVEY OFFICE,
CHEPAUK, 22nd July 1869.

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

EXTRACT FROM
LAND REGISTER
OF
COONNOOR SETTLEMENT.

E
ON
COONNOOR PEAK DIVISION.

NORTH.	{ Old Forest road from Wellington to Bleak House and Great Koter Forest.
SOUTH.	{ Bridle road from Coonnoor to Adderly Estate.
EAST.	{ Settlement Boundary.
WEST.	{ Road from Wellington Cantonment to Coonnoor Church.

LAND REGISTER OF

COONOR SETTLEMENT

லாண்டு ரிஜிஸ்டர்

General No. தபர்ந்தம்	Sub-division No. உள்பிரிவு	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ் கிரான்ட் பட்டா அல்லது இதர டைட்டில் மீட்டின் நம்பர்.	Free hold Quit-rent Puttah or other tenure. பிரிஹோல்ட் குயிட் ரெண்ட் பட்டா அல்லது புவல்வித பாத் திய மென்பது.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் எல்லை யும் செக்கு பத்தி.
1	2	3	4	5	6	7
	E 1	Western part of Forest Dale.			Garden building site tea cultivation and waste.	Old Forest road from Wellington to Bleak House N ——— S ——— E ——— and ——— W ——— 2 ——— 52 Government Waste
	E 2	Eastern part of Forest Dale.		Waste land Forest.....		Old Forest road from Wellington to Bleak House N ——— S ——— E ——— W ——— 3 ——— E ——— 1
	E 3			Waste.....		N ——— E ——— and ——— 4 5 7 S ——— E ——— 52 Old road from Coonoor to Bleak House Old Forest road from Wellington to Bleak House and W ——— E ——— 2

E or Coonoor Peak Division

NEILGHERRY TALOOK

நிலகிரி தாலூகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூகா கணக்குப்படி.						Extent by Survey accounts. சர்வை க ணக்குப் ப டி விஸ்தீர் ணம்.		Remarks. குறிப்பு.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.			Acres. ஏக்கர்.	Decimals. பின்னம்.	
		Cavny. காணி.	Grounds. மேச.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.			
8	9	10			11			12		13
Colonel E. L. Grant.	Colonel E. L. Grant.	Ac. 25	Des. 72	...	25	11	6	38	80	Demarcated according to original plan.
Do.	Do.	...	...	...	...	...	...	25	62	Purchased under waste rules, see plan Survey No. 14.
Mr. T. Kay.	Mr. T. Kay.	63	1	22	63	6	2	56	80	Purchased under waste rules De- marcated according to original plan.

லாண்டு ரிஜிஸ்டர்

COONOR SETTLEMENT.

General No. துபர்ந்த நம்பர்.	Sub-division No. உள்பிரிவு நம்பர்.	Name of Prop- erty. புறமின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ் கிரான்ட் பட்டா அ ல்லது இதர பட்டா ஆலத பட்டில் ம் பட்டின் நம் பர்.	Free hold Quit-rent Puttah or other tenure. பிரிஜோல்ட் குமிட் டொண்டு, பட்டா ஆலத பட்டில் ம் பட்டின் நம் பர்.	Description of Land. புறமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு புறமியின் ஹட்டைமவம் செக்கு பத்தி.
1.	2	3	4	5	6	7
	E 4			Waste land rules.	Waste	Old Forest road N. from Wellington to Bleak House E — S — 3 — E — 5 — Government waste and old forest road from Wellington to Bleak House.
	E 5			Do.	Do.	Old Forest road N. from Wellington to Bleak House. E — S — 3 — E — E — — and — 6 — 7 — E — W — 4 —
	E 6			Do.	Do.	Old Forest road from Wellington to Bleak House. E — S — 7 — E — 7 — E — W — 5 —

E or Coonoor Peak Division

NEILGHERRY TALOOK.

நீல்குரி தாலூகா

Owner's Name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூதா கணக்குப்படி.						Extent by Survey accounts. சர்வை க ணக்குப் ப டி விஸ்தி ரணம்.		Remarks. ஒரர்.
		Extent. விஸ்திரணம்.			Tax. தீர்வை.			Acres. ஏக்கர்.	Decimals. டிசிமல்.	
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.			
8	9	10			11			12		13
Applied for by Mr. T. Kay.	...	...	...	...	...	...	...	9	76	Surveyed under waste rules. See plan Survey No. 82. Not yet sold.
Do.	...	...	...	...	...	...	...	11	48	Do.
Do.	...	...	...	...	...	...	...	5	95	Do.

LAND REGISTER OF

COONOR SETTLEMENT.

லாண்டு ரிஜிஸ்டர்.

General No. துபர்ந்த நம்பர்.	Sub-division No. உள்பிரிவு நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ், கிரான்ட், புத்தா அல்லது வேறு எந்தவொரு உரிமையின் நம்பர்.	Free hold Quit-rent Puttah or other tenure. பரிசுரால், குயிட்-ரென்ட், புத்தா அல்லது வேறு எந்தவொரு உரிமையின் நம்பர்.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் எல்லைச் சேர்ந்த பந்தி.
1	2	3	4	5	6	7
	E 7	Govt. Australian Plantation.			Australian trees	Old Forest road from Wellington to Bleak House. N — S — E — 3 E an old road from Coonoor 8 to Bleak House. E and E W — 6 5
	E 8	Bleak House.	Bill No 54 of 1867.	Quit rent ...	Garden Building Site and Waste.	N — S — E — 7 E Public road. E — W — 7
	E 9	Spring Head Cottage.			Garden Building Site and Tea Cultivation.	Old road to Adderly Estate. Old Forest road from Wellington to Great Kotah Forest. S — E — 10 W Public road.

E or Coonoor Peak Division.

NEILGHERRY TALOOK.

நீலகிரி தாலூகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜண்டு அல்லது அனுபேகதாரன் பேர்.	As per Talook account. தாலூகாகணக்குப்படி.						Extent by Survey accounts. சர்வை க ணக்குப் ப டி விஸ்தீர ணம்.		Remarks. வர.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.			Acres. ஏக்கர்.	Decimals. டிசுமல்.	
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.			
8	9	10			11			12		13
Government ...	Forest Depart- ment.	...	...	...	...	...	...	28	58	Boundary pointed out by the Forest Dept. Over- seer.
Major Ewart ...	Mr. E. Hall.	2	10	200	6	14	...	4	06	Demarcated according to occupation and as point- ed out by the agent.
Mr. E. Hall ...	Mr. E. Hall ...	...	...	...	...	...	...	1	54	Demarcated according to occupation and as point- ed out by the owner.

LAND REGISTER OF

COONOR SETTLEMENT.

லாண்டு ரிஜிஸ்டர்

General No. துபர்ந்த நம்பர்.	Sub-division No. உள்பிரிவு நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ் கிரான்ட் டீட்டா அல்லது டைடிஸ் மீட்டர் நம்பர்.	Free hold Quit-rent Puttah or other tenure. ஫ிரீ ஹோல்ட் குயிட்-ரென்ட் டீட்டா அல்லது யெம்வீத் பாத்திய மென்பது.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் வரையவும் செக்கு பத்தி.
1	2	3	4	5	6	7
	E 10	Govt. Australian Plantation.			Australian Plantation.	Old road to Adderly Estate and N. Settlement Boundary. Old Forest road from Wellington to Great Kotah Forest. E — 11 E — W — 9
	E 11	Kodamulai Puttah Land. Mikatinni Punjah. Palla Punjah. Kambe Punjah. மிகதினினி புஞ்சை பள்ள புஞ்சை கம்பெ புஞ்சை	500	Puttah	Cultivation.	E and Settlement Boundary. 10 ry. E — 19 E Settlement Boundary. Old Forest road from Wellington to Great Kotah Forest and E — 20
	E 12	Kodamulai Puttah Land. Kundu Punjah. Mokka Punjah. Thoddasholai Punjah. குண்டு புஞ்சை மொக்க புஞ்சை தொட்டசோலை புஞ்சை	206 315 205 206	Do. ...	Cultivation and Waste.	Old Forest road from Wellington to Great Kotah Forest. E — 18 Old Forest road from Wellington to Great Kotah Forest. E — 13 15 16 17 and Government Waste.

E or Coonor Peak Division.

NEILGHERRY TALOOK.

நீலகிரி தாலூகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant., ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூகா கணக்குப்படி						Extent by Survey accounts. சர்வை க ணக்குப் ப டி விஸ்தீர் ணம்.		Remarks. ஒரர்.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.					
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.	Acres. ஏக்கர்.	Decimals. பகுதில்.	
8	9	10			11			12		13
Government ...	Forest Depart- ment.							34	45	Boundary pointed out by the Forest Dept. Over- seer.
Nanjan. Bellan. Tumman. நஞ்சன் பெள்ளன் சும்மன்	Nanjan. Bellan. Tumman. நஞ்சன் பெள்ளன் சும்மன்							43	38	Demarcated according to occupation and as point- ed out by Curnum. Extends be- yond Settle- ment Bound- ary. New road to Dolphins Nose deduct- ed.
Nanjan. Bellan. Tumman. Kotans sons. Aggan Jogimatti Nanjan Bellan. Nanjan Sum- man. நஞ்சன் பெள்ளன் சும்மன் கொத்தன்மகன் அஜ்ஜன் ஜோகிமா த்தி நஞ்சன் - பெள் ளன் நஞ்சன் - சும்மன்	Nanjan. Bellan. Tumman. Kotans sons. Aggan Jogimatti Nanjan Bellan. Nanjan Sum- man. நஞ்சன் பெள்ளன் சும்மன் கொத்தன்மகன் அஜ்ஜன் ஜோகிமா த்தி நஞ்சன் - நஞ்சன் பெள்ளன் - சும் மன்	2	21	364	1	6	11			
		5	18	1,728	2	13	10	102	64	Demarcated according to occupation and as point- ed out by Curnum.
		5	18	1,728	2	13	10			
		5	18	1,728	2	13	10			

LAND REGISTER OF

லாண்டு ரிஜிஸ்டர்.

COONOR SETTLEMENT.

General No. கடர்ந்த நம்பர்.	Sub-division No. உள்பிரிவு நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ் கிரான்ட் பட்டா அல்லது இசைவு மென்பது.	Free hold Quit-rent Puttah or other tenure. பரிசுதொல்பட்டா அல்லது வேவ்வித பாத்திய மென்பது.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் வரையவும் செக்கு பந்தி.
1	2	3	4	5	6	7
	E 13	Broom Hill.			House, Tea Cultivation and Waste.	Old Forest road from Wellington to Great Kotah Forest. E and E S 15 12 E 12 New road from W Coonoor to Bleak House.
	E 14				Tea Cultivation and Waste.	N Govt. Waste. E 52 S 52 New road from E Coonoor to Bleak House.
	E 15	Elk Hill Cottage.			Garden, Building Site, Tea Cultivation & Waste.	Old road from W Coonoor to Bleak House. N 13 E 16 E 12 New road from W Coonoor to Bleak House.

E or Coonoor Peak Division

NEILGHERRY TALOOK.

நீலகிரி தாலூகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூகா கணக்குப்படி.						Extent by Survey accounts. சர்வை க ணக்குப் ப டி விஸ்தீர் ணம்.		Remarks. ஒரர்.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.					
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.	Acres. ஏக்கர்.	Decimals. டிசுமல்.	
8	9	10			11			12		13
Mr. E. Hall.	Mr. E. Hall.	5	18	1,728	2	13	10	15	04	Demarcated according to occupation & as point- ed out by Curnum.
Mr. T. Kay.	Mr. T. Kay.	...	...	...	...	...	...	4	75	Purchased under Waste rules. De- marcated according to original plan.
Mr. J. H. Hayne	Mr. J. H. Hayne	5	1	912	2	2	4	8	56	Demarcated according to occupation & as point- ed out by owner.

LAND REGISTER OF

லாண்டு ரிஜிஸ்தர்

COONOR SETTLEMENT.

General No. துபர்ந்த நம்பர்.	Sub-division No. உன்பிரிவு நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ் கிரான்ட் புத்தா அல்லது இராண்டி டீட்.	Free hold Quit-rent Puttah or other tenure. பிரிஜோல்ட் புத்தா அல்லது இராண்டி டீட்.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் எல்லை யவ்வம் செக்கு பந்தி.
1	2	3	4	5	6	7
E 16		Kodamulai Puttah Land. Kallolapannir Punjab. கல்லைலா பன் னீர் புஞ்சை	205	Puttah	Waste	N — E — 15 E and E S — — 17 — 12 E — — 12 New road from W Coonoor to Bleak house.
E 17		Do.	205	Do.	Do.	New road from N Coonoor to Bleak house & E — — 16 S Govt. Waste. E — — 12 W Govt. Waste.
E 18		Western Portion of Great Kotah Forest.			Forst.	N — E — 12 — E S — — 25 — E E — — 19 W Govt. Waste & E — — 26

E or Coonoor Peak Division.

NEILGHERRY TALOOK.

நீலகிரி தாலூகா

Owner's Name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூதா கணக்குப்படி.						Extent by Survey accounts. சர்வை க ணக்குப் ப டி விஸ்தீர் ணம்.		Remarks. ஒரர்.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.			Acres. ஏக்கர்.	Decimals. பிசிமல்.	
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.			
8	9	10			11			12		13
Jogimatti Nan- jan. ஜோகிமாத்தி நஞ்சன்	Jogimatti Nan- jan. ஜோகிமாத்தி நஞ்சன்	5	5	1,716	1	11	9	15	98	Demarcated according to occupation & as pointed out by Cur- num.
Do.	Do.	2	21	864	...	15	3	10	53	Do.
Government ...	Forest Dept. ...	...	...	...	...	...	...	108	99	Boundary pointed out by the Fo- rest Dept. Overseer.

லாபரண்டு ரிஜிஸ்தர்

COONOR SETTLEMENT

General No. துடர்ந்த நம்பர்.	Sub-division No. உள்பிரிவு நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ் கிராண்ட் பட்டா அல்லது இதர பட்டா அல்லது டைடிஸ் நம்பர்.	Free hold Quit-rent Puttah or other tenure. பிரிஹோல்ட் குயிட் ரெண்ட் பட்டா அல்லது வேவ்வித பரத்திய மென்பது.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் எல்லை யும்கு செக்கு பத்தி.
1	2	3	4	5	6	7
	E 19	Eastern portion or Great Kotah Forest.			Forest.....	N — E 11 — S — E 24 — Settlement Boundary E — E 21 22 — E and E — 23 — 24 W — E 18 —
	E 20	Experimental plantation Forest Department Govt. Reserve.			Australian plantation.	N — E 11 — S — E 11 — E — 11 — W Old Forest road from Wellington to Great Kotah Forest.
	E 21	Kodamulai Puttah Land. Bikkemara Punjah.		Service Inam for Village Monigar.	Cultivation ...	N — E 19 — S — E 22 — E Settlement Boundary. E — W — 19

E or Coonoor Peak Division

NEILGHERRY TALOOK.

நீலகிரி தாலுகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூகா கணக்குப்படி.						Extent by Survey accounts. சர்வே க ணக்குப் ப டி விஸ்தீர் ணம்.		Remarks. குறிப்பு.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.			Acres. ஏக்கர்.	Decimals. பின்னம்.	
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரம்.	Rs. ரூ.	As. அ.	P. பை.			
8	9	10			11			12		13
Government.	Forest Dept.	...	...	...	...	...	...	89	06	Boundary pointed out by the Fo- rest Dept. Oversecr.
Do.	Do.	...	...	...	...	...	...	0	37	Do.
Do.	Nanjan. நஞ்சன்	...	...	...	...	...	...	4	81	Demarcated according to occupation & as point- ed out by Curnum. Extends be- yond Settle- ment Boun- dary.

LAND REGISTER OF

COONOR SETTLEMENT.

லாண்டு ரிஜிஸ்டர்

General No. துபிந்த நம்பர்.	Sub-division No. உன்பிரிவு நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ், கிரான்ட், புத்தா அல்லது பிற தலைப்புச் சான்றுகளின் எண்.	Free hold Quit-rent Puttah or other tenure. பிரிவேஜிட்டு புத்தா அல்லது பிற உரிமை.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் அடைமையும் செஞ்சுபாதி.
1	2	3	4	5	6	7
	E 22	Kodamulai Puttah Land. நெரலு புத்தா	569	Puttah	Cultivation and Waste.	N E and E 19 21 S E 24 E Settlement Boundary. W Public Foot path.
	E 23	Kodamulai Puttah Land. Nerimara Punjah below. Thodda Shola. தொட்டா சோலைக்குக் கீழ் நெரிமா புத்தா	295	Do.	Waste	N ... E S ... 24 E Public Foot path. W E 19
	E 24	Part of Mann's Tea plantation.			Building site. Tea Cultivation and Waste.	N E E and E 19 23 22 S Bridle road from Coonoor to Ad- derly Estate. E Settlement Boundary. W Public road

E or Coonoor Peak Division.

NEILGHERRY TALOOK.

நீலகிரி தாலூகா

Owner's Name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜன்ட் அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூகா கணக்குப்படி.						Extent by Survey accounts. சர்வேவு க ணக்குப்ப டி விஸ்தீர ணம்.		Remarks. குறிப்பு.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.					
		Cawy. காணி.	Grounds. மேசை.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.	Acres. ஏக்கர்.	Decimals. பிசுமல்.	
8	9	10			11			12		13
Nanjan. Bellan. Summan. நஞ்சன் பெள்ளன் சும்மன்	Nanjan. Bellan. Summan. நஞ்சன் பெள்ளன் சும்மன்	...	...	...	...	...	...	15	75	Demarcated according to occupation & as pointed out by Curnum. Extends be- yond Settle- ment Bound- ary.
Do.	Do.	4	12	900	2	3	10	5	62	Demarcated according to occupation & as point- ed out by Curnum.
Capt. H. Mann.	Agent Mr. J. McPherson	...	...	...	...	...	...	84	03	Demarcated according to occupation & as pointed out by the Agent. No Govt. Plan forthcoming Extends be- yond Settle- ment Bound- ary.

LAND REGISTER OF

COONNOOR SETTLEMENT

லாண்டு சிதிலித்தர்

General No. தபந்த நம்பர்.	Sub-division No. உபநிலை நம்பர்.	Name of Property. புதியப் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ், டிரான்ட், புத்தா அல்லது வேறு ஏதாவது உரிமையின் பெயர்.	Free hold Quit-rent Puttah or other tenure. பிரிட் ஹால்ட் புத்தா அல்லது வேறு ஏதாவது உரிமை.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் எல்லை.
1	2	3	4	5	6	7
E 25		Part of Mann's Tea plantation. Kodamulai Puttah Land.			Waste	N. E. 18 S. Public road. E. Do. W. Do.
E 26		Kappimalaibettu Punjah. Valaikkattu Punjah. Anai Punjah. காப்பிலைபெட்டு புனா. வலைக்கட்டு புனா. அனா புனா.	206	Puttah	Cultivation and Waste.	N. Govt. Waste & E. 18 Public Bridle road & Bridle road from Coonoor to Adderly Estate. S. E. and Public Bridle road. E. 18 W. Govt. Waste & E. 49
E 27		Brooklands.	Bill No. 18 A of 1867.	Quit rent.	Garden, Building site, Tea cultivation and Waste.	N. E. E. E. E. 41 43 44 45 46 and Public Bridle road. Bridle road from Coonoor to Adderly Estate. S. Public Bridle road. E. E. and E. W. 39 42 28

E or Coonoor Peak Division.

NEILGHERRY TALOOK.

நீலகிரி தாலூகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜன்ட் அல்லது அனுபேகதாரன் பேர்.	As per Talook account. தாலூகாக்கணக்குப்படி.						Extent by Survey accounts. சர்வே கணக்குப்படி விஸ்தீரணம்.		Remarks. குறிப்பு.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.					
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரம்.	Rs. ரூ.	As. அ.	P. பை.	Acres. ஏக்கர்.	Decimals. பிசிமல்.	
8	9	10			11			12		13
Capt. H. Mann.	Agent Mr. J. McPherson.	...	...	...	...	...	...	9	83	Demarcated according to occupation and as pointed out by the agent. No Govt. Plan forthcoming.
Narjan. Bellan. Summan. நஞ்சன் பெள்ளன் சும்மன்	Nanjan. Bellan. Summan. நஞ்சன் பெள்ளன் சும்மன்	5 5 2	18 18 21	1,728 1,728 864	1 2 1	14 13 1	7 10 6	84	25	Demarcated according to occupation and as pointed out by Curnum.
Mr. J. H. Aspinwall.	Agent Major F. G. Hodgson.	96	19	1,492	85	1	2	105	93	Demarcated according to certified plan & as pointed out by the Agent. Disputed Boundary on the South East settled by the Demarcation Officer. See Decision No. 31.

LAND REGISTER OF

COONOR SETTLEMENT.

லாண்டு ரிஜிஸ்தர்

General No. துபர்ந்த நம்பர்.	Sub-division No. சுப்பிரிவிஷய நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ் கிரான்ட் புட்டா அல்லது இவற்றின் எண்ணம்.	Free hold Quit-rent Puttah or other tenure. பிரி ஹோல்ட் குயிட் ரெண்ட் புட்டா அல்லது வேறவித பாத்திய மென்பது.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் எல்லையையும் செக்கு பந்தி.
1	2	3	4	5	6	7
	E 28	Picnic Tope ...			Australian trees.	N — E — 39 S — E and Govt. — 29 Waste. E — and Stream. — 27 W — E — 30
	E 29	Hope view.	Bill No. 27 of 1867.	Quit rent ...	Garden, Building site, Tea Cultivation & Waste.	N — E and E — 30 — 28 S — Bridle road from Coonor to Ad- — E derly Estate. E — — 28 W — E — 32
	E 30	Sunny side Cottage.	Bill No. 20 of 1867.	Do. ...	Garden, Building site and Waste.	N — Govt. Waste — and Stream. S — E — 29 E — — 28 W — E — 31

E or Coonor Peak Division.

NEILCHERRY TALOOK.

நீலகிரி தாலூகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant.; ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூகா கணக்குப்படி						Extent by Survey accounts. சர்வே க ணக்குப் ப டி விஸ்தீர் ணம்.		Remarks. குறிப்பு.
		Extent. விஸ்தீரணம்.			Tax. தீர்வை.					
		Cawny. காணி.	Grounds. மனை.	Square feet. சதுரம்.	Rs. ரூ.	As. அ.	P. பை.	Acres. ஏக்கர்.	Decimals. டிசிமல்.	
8	9	10			11			12		13
Government	Government							1	07	Demarcated according to instructions received from the Collector Mr. P. Grant
Mr. J. L. Dar- ling.	Mr. J. L. Dar- ling.							1	55	Demarcated according to occupation and as point- ed out by the owner.
Do.	Do.	2	10	1,254	6	14	4	2	92	Do.

LAND REGISTER OF

லாண்டு ரிஜிஸ்தர்.

COONOR SETTLEMENT.

General No. துடர்ந்த நம்பர்.	Sub-division No. உள்பிரிவு நம்பர்.	Name of Property. பூமியின் பெயர்.	No. of Lease, Grant, Puttah or other Title Deed. லீஸ், கிரான்ட், புட்டா அல்லது வேறுவித பாத்திரம்.	Free hold Quit-rent Puttah or other tenure. பி.ரி.ஹோல்ட் குயிட் ரெண்ட் புட்டா அல்லது வேறுவித பாத்திரம்.	Description of Land. பூமியின் விவரம்.	Boundaries of each property. ஒவ்வொரு பூமியின் எல்லைகளும் செக்கு பந்தி.
1	2	3	4	5	6	7
	E 31	Courtenay Cottage.	Bills No. 22 and No. 21 of 1867.	Quit rent.	Garden, Building site, and Waste.	N Govt. Waste & Stream. S Public road. E and E 32 30 E 30 W 33
	E 32	Park	Bill No. 27 of 1867.	D ₂	Coffee Cultivation and fruit trees.	N Public road. E and E 33 31 S Bridle road from Coonoor to Adderly Estate. E 29 W Govt. Waste.

REVENUE SURVEY OFFICE,

Chepauk,

22nd July 1869.

E or Coonoor Peak Division.

NEILGHERRY TALOOK.

நீலகிரி தாலூகா

Owner's name. சொந்தக்காரன் பேர்.	Name of Agent or occupant. ஏஜண்டு அல்லது அனுபோகதாரன் பேர்.	As per Talook account. தாலூகா கணக்குப்படி						Extent by Survey accounts. சர்வே க ணக்குப் ப டி விஸ்தீர் ணம்.		Remarks. குறிப்பு.
		Extent. விஸ்தீர்ணம்.			Tax. தீர்வை.					
		Canny. காணி.	Grounds. மனை.	Square feet. சதுரடி.	Rs. ரூ.	As. அ.	P. பை.	Acres. ஏக்கர்.	Decimals. டிசிமல்.	
8	9	10			11			12		13
Mrs. M. B. Dar- ling.	Mrs. M. B. Dar- ling.	.....	13	12	2	11	9	2	32	Demarcated according to occupation and as point- ed out by the owner.
		.....	17	816	3	12	8	...	...	
Mrs. M. B. Dar- ling.	Mrs. M. B. Dar- ling.	2	...	...	2	4	8	0	99	Demarcated according to occupation and as point- ed out by the owner.

(True Extract.)

(Signed) F. PRIESTLEY, Colonel,

Superintendent, Revenue Survey.

Rev. 3968/69
 From, *From 30 June 1890 to 30 June 1891*
 The Director of Revenue Settlement.
 To, The Acting Secretary to the Board of Revenue.

Dated 28th July 1869.
 Despatched
 Received

1868-69
426/1890
30 June 1890
1868-69
1868-69

No. 993
 27.

Submitting the usual report of the operations of the Settlement Department during the first three months of 1868 and the Official year 1868-69 and forwarding a report from the Superintendent of Revenue Survey on the work of his Department for the same period.

Revenue

No. 1002

PROCEEDINGS of the MADRAS GOVERNMENT

Under date the 30th June

Read the following

of the Board

Submitting reports on operations of Settlement and Survey Departments during first three months of 1868 & off year 1869.

H.B. 13th

** made a resume of "would perhaps be a more correct expression, for the Board have done hardly anything else."*

The review already made of Masters report but the fact is make a few additional observations.

I should be surprised to find a report of the 2nd, 3rd, 4th & 5th divisions of this district which are not in accordance with the new survey.

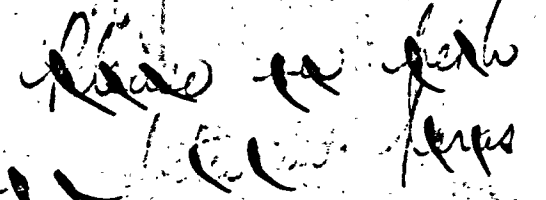
2. It is an interesting and most important fact that while the new Settlement has been in progress some cases had the immediate

immediate effect of lowering the demand of Govt, the impetus given to cultivation by an apportionment regulated by fixed principles which can be understood by the ryots, has rendered the land revenue plastic to such an extent that in a few years a largely increased revenue will probably be realized everywhere though from a much wider area of cultivated land.

3. In the Bellurumbrum Taluq of South Arcot, the introduction of the new settlement in July 1271, lowered the total apportionment from Rs 5,22,578 to Rs 5,08,013. In the succeeding July

by the magnitude of the Govt. the spirit of the numbers is apparently to show that the land apportionment is improved under the new settlement. We working well show any improvement in the land in an district at all. The result is, I suppose, & I think, the reduction has been limited to 2 per cent.

X 
 Would omit para 2 as containing questionable assertions. The other paras. contain nothing to substantiate the views of para 3.

X 
 10
 OK

July, the assessment increased to Rs 5,11,426, and in July 1273 to Rs 5,19,142, but in July 1274 it fell to Rs 5,13,471. The demand for July 1275 was the highest which has yet been reached, viz Rs 5,31,045, but in the next July there was a decrease of Rs 12,248. For Julies 1277 & 1278, the assessment was respectively Rs 5,03,359 & Rs 5,20,911. These fluctuations are probably due to bad seasons, but it is gratifying to observe that the revenue of the last July exhibits a rise of Rs 12,896 from that

of the first year of settlement.
4. In the Western
delta Taluqs of the
Godavary district the
revenue has risen from
Rs 571,373 the demand
in the year previous to
the settlement to Rs
678,459 including water
rate. In this district
the settlement which
first came into operation
in July 1272 resulted
in an immediate in-
crease of Rs 11,232. The
revenue has since fluc-
tuated considerably but
has never fallen so low
as that realised in the
year before the settlement.
The demand for last July
(Rs 678,459) is less than
that

47
that of the preceding year
by Rs 53,229 but is still
Rs 107,086 in advance
of the year previous to
the settlement. The Director
attributes the decrease
during the year under
report to the fall in
prices and, possibly, to
deficient irrigation.
5. The settlement
of the Eastern & Central
Deltas and upland
Taluqs of the Godavary
District which first
came into force in
July 1276 resulted in
a decrease of Rs
288,278. The fluctuations
of demand in these Taluqs
have mainly corresponded
with those in the Western
Deltas.

Delta Salugs. The demand for last Musby was Rs 14,15,108 or Rs 78,109 in excess of the first year of settlement. In these Salugs the water rate does not amount to quite half of the assessment, but in the Mustind Delta Salugs the former exceeds the latter.

6. Certain islands in the Godavary which had been originally excluded from settlement owing to the supposed uncertain character have since been found permanent enough to justify their classification. 9,130 acres in which the demand is Rs 9,440 have been settled.

In the Marulipatam division of the District the demand though still 12 per cent above the Revenue Beris of July 1275, the year before the introduction of the settlement has fallen from Rs

48
Rs. 7,15,301 in July 1277 to Rupees 6,48,696.

8. The settlement has now been extended to the whole of Kurnool proper. The demand for July 1278 was Rs. 6,93,683 against Rs. 7,27,003, the assessment of the first year of settlement but it is still 12 per cent in excess of the Beris of July 1275, the year before the introduction of the settlement.

Operations in the new talooks of this district should be prepared on a similar basis.

9. The Land Revenue of the Tuckinopoly district, as appointed out by the Board, has steadily risen ever since the new settlement was introduced. The assessment for July 1273, the year previous to settlement was Rs. 15,82,17

that for the first year of settlement was Rs. 11,94,018, and that for last fiscal year was 13,90,385. The area under cultivation has increased during the last five years by 1,86,272 acres.

10. The letter referred to by Mr. Master in para 14 of his report regarding the extension of the new settlement of the Cuntur Division of the Kistna district has not yet been received by the Govt. although it has now been nearly eighteen months before the Board. It should be submitted at their earliest convenience.

11. Regular field operations during the fifteen months under report were carried on only in the districts of Adilabad and Nellore, but in

may be omitted, the letter referred to having been received in March last.

H.S. 1
9/7.

49
those of Godavari, Krishna and Kurnool extended cultivation has given rise to a certain amount of fresh demarcation and classification.

12. On reference to the statement annexed to para 18 of Mr. Master's report, the Govt. observe that an aggregate sum of Rs. 39,493 was expended during the year 1868-69 in the three last named districts, although their demarcation and settlement has, especially in the case of Kurnool, been only recently concluded. The cause of this large expenditure is not apparent to the Govt. and the words "extension of cultivation" constitute a very inadequate explanation.

of it. Unless some supplementary agency, which is competent to deal with the constantly increasing spread of cultivation exists in districts which have been settled, it is obvious that no limit can be assigned to the operations of the Settlement Dept.

In connection with this topic, the Govt observe with dissatisfaction that no reply has as yet been returned by the Supdt of Rev. Survey to paras 1 & 2 of G. O. dated 22nd May 1866. No 1218.

It is entirely owing to this omission that the question of a minor survey establishment for each district has been allowed to drop, and Col. Priestley

1870
I would await his reply. Ch P. is not friendly show.

he has the report
has been put to the
query necessary?

(1) omit N.

x Yes, it has been received
since this order was
drafted so para 14
is struck out
etc.

50
is requested to give the subject his earliest consideration.

13. Field operations in Cuddapah and Nellore would appear to have been well and economically conducted.

14. The Govt would decline with satisfaction from the Board some account of the progress of Settlement in June. ally - from the Board's Pro: dated 13th November 1869, it appears that Col. Priestley sharply criticised the demarcation in that district.

15. The Govt observe from the tabular statement annexed to para 50 of the Settlement Report, that the actual expenditure for 1868/9 in each district where Settlement operations have been carried on has

no case, come up to
the originally sanctioned
amount for that year.
Owing to orders & claims
from the Govt of India
this amount was sub-
sequently reduced by Rs
50,000 and the organi-
zation of the Settlement
party for the Nellore
District caused an in-
crease in the charge of
the year of Rs 10,928-24.
With these modi-
fications the
sanctioned amount
for the year stood
at Rs 2,83,000, but
the actual expen-
diture only reached
Rs

51
Rupees 2,28,034-

M^r Master attri-
butes this surplus
to various causes,
but the only one
for which he is
in any way re-
sponsible is the
slow progress
made by the con-
tractors in finish-
ing the Settlement
Registers.

Registers:-

16. The remarks
contained in para

19 of the Board's

Proceedings regard-

ing the propriety

of itineration on

the part of the

Head of the Depart-

ment appear to have

been called for &

have the full con-

currence of Govt.

I think the Director of
Settlement might be asked
whether the Registers cannot
be printed at the Govt Office
i.e. at the Perintexing
this kind of printing is now
transferred. M.H.

The Govt suggest
that these might be
printed & performed with more
expedition at the
Govt Press

Survey

17. The report of
the Superintendent of
Revenue Survey is
satisfactory on the whole,
although his officers
have had to succumb to
work in unhealthy loca-
lities with inefficient
subordinates, and the
Govt are glad to observe
that Colonel Priestley
still continues his prac-
tice of active personal
supervision.

18. The cost of sub-
dividing fields in the
four Taluqs of the Mur-
nool district referred
to in para 15 of the report
appears heavy and the
Govt desire to be inform-
ed as to the period at
which these operations
will be concluded.

19. Classification by
the Settlement Depart-
ment in the district of
Cuddalore 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.

20. Progress in the Madras district appears to have been slow: the ^{Madras} Lydappett Taluk alone having been completed. The reason for the absence of demarcation records complained of in para 5.2 of the report is not apparent, ^{inasmuch as} ~~for the~~ demarcation is conducted by the Survey Department.

21. It does not appear from the report that lithographic maps have in all cases been prepared for those Taluks which have been surveyed. As a general principle, mapping should keep pace

pace with the progress of the survey.

22. In concluding his report Colonel Priestley remarks, that about 4,000 square miles have been completed, and are "ready for settlement." The Government, however, observe that this aggregate is not compact, but includes isolated areas on which the settlement Department cannot as yet commence operations. The Government suggest to the Superintendent, whether it would not

be advisable to con-
centrate work more
than is at present
done, so that tracts
of country sufficiently
large and compact
to admit of immediate
settlement should be
ready for the settlement
department.

W. H.

14. Foster Bros & Co. Des Moines, July
13 — Off. of Dist. Ct. (11)
13 — Supply Room, Turner

80
11

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