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GOVERNMENT OF MADRAS

Revenue DEPARTMENT

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No. 2,795.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 29th September 1874.
Read the following letter from H. E. SULLIVAN Esq., Officiating Director of Revenue Settlement, to J. GROSE, Esq., Secretary to the Board of Revenue, dated 31st July 1874, No. 1,591A.-51A.:-

Opening remarks—I HAVE the honor to report on the operations of the Settlement Department during the year 1873-74, and to submit the usual Statements exhibiting the outturn of work and the expenditure incurred.

2. *Results of the new Settlement*.—Owing to all the necessary returns not having as yet come to hand, I am obliged to defer noticing the result of the settlement, as exhibited by the Land Revenue during the year under report in those districts into which the new rates have been introduced. This will form the subject of a separate communication.

3. *Settlement schemes submitted and sanctioned*.—Proposals for the revision of the assessment of the Principal Division of the Chingleput District, were submitted to the Board of Revenue during the year under reference, with the following results :-

Taluqs.	As per Revenue Accounts of Fasli 1282.	As per new Settlement.	Difference.	Percentage.
	RS.	RS.	RS.	
Sydapet...	2,07,166	2,13,611	+ 6,445	3
Ponnery ...	1,59,641	1,61,925	+ 2,284	1
Trivellore ...	2,32,403	2,42,492	+ 10,089	4
Total	5,99,210	6,18,028	+ 18,818	3

4. The revision of assessment in the Sub-division of the Nellore District was sanctioned in G. O., dated 13th February 1874, No. 203, and steps were at once taken to introduce the new rates during the current fasli.

5. *Scene of operations*.—Field work proper was limited to the districts of Cuddapah, North Arcot, Chingleput, Coimbatore and Ganjam. In Cuddapah and North Arcot demarcation and classification were performed under the combined system, and in the other districts classification only was carried out. In the Districts of Kistna, Kurnool, Nellore, Cuddapah, and Salem, in addition to the introduction of the new rates of settlement, lands taken up subsequent to survey were demarcated in convenient holdings and classified. I now proceed to remark upon the operations of each district.

6. KISTNA.—*Demarcation, Classification, Survey*.—*Field work*.—The field establishment retained to demarcate and classify the newly occupied lands accomplished the following :-

Items.	Last year.	In this year.	Difference.
	ACRES.	ACRES.	ACRES.
Area demarcated in detail ...	6,594	29,042	+ 22,448
Do. classified ...	4,230	26,861	+ 22,631
Do. surveyed ...	6,964	21,360	+ 14,396
Number of stones planted ...	3,232	17,451	+ 14,219

The increase observable in the area operated upon is owing to the larger number of hands employed during the year, in view to this task being brought to a close *pari passu* with the introduction of the new settlement.

7. *Measurement of minor holdings.*—With the concurrence of the Collector, the services of the Curnams were utilized as far as possible in the measurement of interstitial fields, and in consequence the results show an improvement over last year :—

Items.	Last year.	In this year.	Difference.
	ACRES.	ACRES.	ACRES.
Number of Villages...	66	316	+ 250
Do. of Survey fields...	836	7,539	+ 6,703
Do. of Sub-divisions...	2,220	20,096	+ 17,876

8. *Tank Ayacuts.*—The progress made in the revision of tank ayacuts is exhibited in the subjoined abstract Statement :—

Description.	Number of Survey fields.	Acres.
Existing wet ayacut...	5,328	9,240
Area transferred from wet to dry ...	788	2,101
Remaining ...	4,540	7,139
Area transferred from dry to wet ...	208	334
Total wet ayacut ...	4,748	7,473

It will be seen that the area transferred from wet to dry is much greater than that transferred from dry to wet. The Deputy Director, however, reports that these figures are subject to revision.

9. *Settlement Accounts—Office work.*—The usual details of account work performed during the year under reference are noted below :—

Items.	Number of Villages.	Number of Survey fields.
1. Calculating the fieldwar assessment	103	1,16,691
2. Examination of assessment	124	1,23,902
3. Entering areas of the new Survey fields in the Rate book	78	5,028
4. Examination of Demand Accounts...	244	1,71,442
5. Comparison of Curnam's Inam Accounts with the Inam Registers...	661	32,031
6. Preparing Registers of Ryots' holdings...	273	1,58,655
7. Comparison of do.	269	1,61,443
8. Preparation of Lists of fields falling under each class and sort.	111	18,537
9. Comparison of do.	126	55,253
10. Writing out Settlement tickets	429	2,30,349
11. Comparison of do.	429	2,29,758
12. Examination of measurements, and calculating areas of the Sub-divisions subsequently brought to Accounts	328	10,519
13. Correcting Diglott Registers	442	2,59,304
14. Examination of do.	320	1,52,949

10. *Financial results as per introduction of new Settlement.*—In the year under report, the introduction of the new settlement was completed in the remaining five taluqs of the district, the result being an increase of 9 per cent. over the previous revenue demand, as particularized below :—

Taluqs.	As per Revenue Accounts of Fasli 1282.	As per new Settlement.	Difference.	Percentage.
	RS.	RS.	RS.	RS.
1. Repully ...	5,08,992	5,87,074	+ 78,082	15
2. Bapatlah ...	4,91,313	5,37,276	+ 45,963	9
3. Narasorowpet ...	3,01,065	3,17,263	+ 16,198	5
4. Venukonda ...	1,06,376	1,17,100	+ 10,724	10
5. Palnad ...	2,76,689	2,83,810	+ 7,121	3
Total...	16,84,435	18,42,523	+ 1,58,088	9

11. *Cost.*—The expenditure of this party shows a net increase of Rupees 10,673 owing to the debit of the salary of the Deputy Director for a longer period, and to the employment of a larger number of hands than in the preceding year.

12. *KURNOOL AND CUDDAPAH.—Demarcation, Classification, Survey.—Field work.*—This party continued under Major Stuart's supervision till the end of the Calendar year 1873, although Mr. Cox returned to Cuddapah in November, in order that the latter officer might be able to devote his whole attention to the introduction of settlement. During the year, they finished such field work as remained to be done in Pulivendla, and as there was no fresh ground for them to enter upon, they were called into the Office to aid in the preparation of Settlement Accounts and other miscellaneous work. The area demarcated, classified and surveyed is given below :—

Items.	Districts.	Last year		In this year.		Difference	
		ACRES.	SQ. M.	ACRES.	SQ. M.	ACRES.	SQ. M.
Area demarcated in detail.	Cuddapah ...	3,03,992	475	60,535	95	-2,43,457	380
	Kurnool ...	3,826	6	2,717	4	- 1,109	2
	Total...	3,07,818	481	63,252	99	-2,44,566	382
Do. into Khundums.	Cuddapah ...	4,33,015	676	2,68,083	419	-1,64,932	257
	Kurnool ...	2,221	3	...	..	- 2,221	3
	Total...	4,35,236	679	2,68,083	419	-1,67,153	260
Area classified ...	Cuddapah ...	5,11,268	799	1,32,702	207	-3,78,566	592
	Kurnool ...	3,466	5	2,717	4	- 749	1
	Total ..	5,14,734	804	1,35,419	211	-3,79,315	593
Area surveyed of the new demarcated fields.	Cuddapah ...	...	...	8,632	14	+ 8,632	14
	Kurnool ...	3,826	6	2,717	4	- 1,109	2
	Total...	3,826	6	11,369	18	+ 7,543	12

13. My predecessor had intended to commence demarcation and classification in Bellary, as soon as field work had come to a close in Cuddapah, and had this course been adopted, there would not have been any falling off in the outturn of work in regard to this party. As however no

orders were passed by Government on his application to move the men into the adjoining district, their services were, as above stated, utilized in the office. The progress of hill demarcation was considerably impeded by the boundary disputes which continually cropped up. The difficulties connected with this work have been fully stated in the previous year's report, and it is not necessary for me to go over the same ground again.

14. *Demarcation stones*—The village, khundum, and field boundary marks erected shew also a small outturn, owing of course to the diminished area requiring demarcation during the year. The stones used were of the same quality and price as those planted during the preceding year :—

Items.	Districts.	Last year.	In this year.	Difference.
Theodolite boundary pillars ...	Cuddapah ...	166	54	— 112
	Kurnool ...	1	...	— 1
Do. Secondary ...	Cuddapah ...	2,020	621	— 1,399
	Kurnool ...	11	...	— 11
Khundum pillars ...	Cuddapah ...	19,329	3,439	— 15,890
	Kurnool ...	27	...	— 27
Other marks ...	Cuddapah ...	4,240	1,394	— 2,846
	Kurnool ...	11	...	— 11
Field stones ...	Cuddapah ...	2,35,583	40,653	— 1,94,930
	Kurnool ...	246	4,331	+ 4,088

15. *Measurement of Sub-divisions*.—The progress made in the measurement of the interstitial fields is shown below. The task has been brought to a close in the recently settled taluqs of Cuddapah, Proddatoor and Jummalamadoogoo :—

Districts.	Taluqs.	LAST YEAR.		IN THIS YEAR.		DIFFERENCE.	
		Number of Survey fields.	Number of Sub-divisions.	Number of Survey fields.	Number of Sub-divisions.	Number of Survey fields.	Number of Sub-divisions.
Cuddapah.	Pullempett ...	2,132	6,541	466	1,526	— 1,666	— 5,015
	Cuddapah ...	1,851	5,148	11,410	32,619	+ 9,559	+ 27,471
	Jummalamadoogoo	3,241	9,208	1,934	5,571	— 1,307	— 3,637
	Proddatoor ...	...	...	5,163	13,592	+ 5,163	+ 13,592
	Sidhout ...	...	...	3,343	10,070	+ 3,343	+ 10,070
	Total...	7,224	20,897	22,316	63,378	+ 15,092	+ 42,481
Kurnool ...	Koilguntha...	...	...	716	1,658	+ 716	+ 1,658
	Total...	7,224	20,897	23,032	65,036	+ 15,808	+ 44,139

16. *Renewal of demarcation marks*.—Restoration of demarcation was carried on during the first half of the year by a small number of hands detached for that duty. The outturn of work is given below :—

Taluqs.	Last year.	In this year.	Difference.
Jummalamadoogoo ...	10,985	94,011	+ 83,026
Proddatoor ...	40,087	1,23,045	+ 82,958
Cuddapah ...	5,991	10,286	+ 4,295
Total ...	57,063	2,27,342	+ 1,70,279

		No. of Kyles.
Dry ...	Suzza	35
	Korra	18
	Raggy	13
Wet... Paddy		65
		168
Total...		234

Royachoty	Cuddapah District.
Pulivendla	
Cuddapah	
Proddatoor	
Jummalamadoogoo	Kurnool District.
Badwail	
Cambum	

17. *Experiments in Produce*.—A few crops were tested during the year as particularized in the margin.

18. *Tank Ayacuts*.—The revision of tank ayacuts was performed in Pulivendla simultaneously with the field work, and was started in Royachoty by a small party of men employed for the purpose. The operation was subsequently extended to the marginally noted taluqs of the Kurnool and Cuddapah Districts, and the progress therein made is detailed below :—

Items.	Cuddapah District.	Kurnool District.
	ACS.	ACS.
Existing wet ayacut...	45,446	2,657
Area transferred from wet to dry ...	5,192	708
Remaining...	40,254	1,949
Area transferred from dry to wet ...	7,181	225
Total wet ayacut ...	47,435	2,174
Of which extent classed as dofassal...	25,718	1,331

This task was postponed in the Sub-division of the Cuddapah District for the reasons specified in my letter of the 3rd current, No. 1,401-44A.

19. *Demarcation records handed over to the Survey Department*.—The demarcation records of ninety-five villages of Pulivendla, the last finished taluq, were handed over to the Survey Department during the year under report.

Taluqs.	Number of Villages.	Extent in acres.	Square miles.
1. Koilguntha.....	1	8,563	13
2. Cuddapah	3	13,426	21
3. Sidhout	44	...	...
Total...	48	21,989	34

20. *Area lists received from the Survey Department*.—The Survey Department have furnished the field area lists of forty eight villages as specified in the margin. Hill areas to the extent of 326 square miles have also been received as noted below :—

Taluqs.	Area in square miles.
Proddatoor ...	113
Cuddapah ...	213
Total...	326

Items.	CUDDAPAH.		KURNOOL.	
	Number of Villages.	Survey Numbers.	Number of Villages.	Survey Numbers.
1. Entering Survey areas in Classification Registers...	7	13,854	...	...
2. Comparing Survey areas with Classification Registers ...	294	1,73,361	84	54,342
3. Do. Curnam's Accounts of Fasli 1282 with Classification Registers ...	294	1,73,361	84	54,342
4. Making abstract of Classification Registers.	294	1,43,457	84	54,342
5. Comparing abstract with Classification Registers...	234	1,18,387	84	54,342
6. Comparing the Curnam's area in Classification Registers with Revenue Accounts of Fasli 1280 ...	124	77,305	...	...
7. Comparing Asamiwar Chittahs with Classification Registers ...	116	35,472	...	...
8. Calculating assessment in the Numberwar Accounts ...	124	42,071	...	...
9. Do. in Classification Registers ...	294	1,86,733	84	49,045
10. Entering interstitial fields in the Classification Registers.....	124	32,302	...	...
11. Comparing assessment in Numberwar Accounts with Classification Registers...	124	42,071	...	...
12. Entering Survey areas and assessment in Asamiwar Chittahs ...	187	1,09,842	...	...
13. Writing out Settlement tickets...	293	1,38,441	84	29,707
14. Comparing do. do. ...	293	1,38,441	84	29,707
15. Preparing Asamiwar Registers ...	170	61,550	84	29,707

22. *Financial results as per introduction of new rates.*—The Accounts necessary to the introduction of the new settlement having been thus prepared, Mr. Cox, undertook the distribution of tickets in the Koilguntla Taluq of the Kurnool District and in the Jummalamadoogoo and the Proddatoor Taluqs of the Cuddapah District, leaving Major Stuart to do the same in the Cuddapah Taluq. All four taluqs were thus completed within the official year, but the financial results of the revised settlement have not as yet come to hand. They will appear in the report promised above, in paragraph 2, on financial results in settled districts.

23. *Outlay*.—The total expenditure of the party amounts to Rupees 1,05,719 against Rupees 1,08,484 in the preceding year, the difference being due to certain reductions in the establishment and to the transfer of Major Stuart to the Chingleput party.

Nellore and North Arcot Demarcation Classification—Field Work.—This party was engaged partly in the Chittoor and partly in the Guriattum Taluqs. The strength of the party remained the same, and the outturn of demarcation and classification accomplished is as follows:—

Items.	Last year.	In this year.	Difference.
	ACRES.	ACRES.	ACRES.
Area demarcated in detail	93,548	95,630	+ 2,082
Do. into Khundums	64,485	67,079	+ 2,594
Do. classified... ..	79,631	78,165	— 1,466

24. There is a small increase in the area demarcated and a slight falling off in the area classified. It is satisfactory to observe that the rate of progress obtained in the previous year has, on the whole, been maintained, notwithstanding that the additional duties of clubbing holdings for the survey and marking out boundary, Khundum, minor circuit stations, and offsets entailed on the Department by G. O., No. 641, dated 28th April 1872, materially increased the work of demarcation during the year under report.

25. *Demarcation marks.*—There is no change in the style of demarcation or in the kind of stone used for the marks set up. The price of stone remained the same as in the previous year, except in a few localities in Guriattum Taluq. The number and description of marks erected during the year are given below :—

Description of stones.	Last year.	In this year.	Difference.
1. Trijunctions	110	194	+ 84
2. Boundary stones including offsets ...	7,033	6,626	— 407
3. Khundum stones including offsets ...	2,669	18,348	+15,679
4. Field stones	1,97,811	1,73,520	—24,291
5. Marks on hills	130	195	+ 65
Total...	2,07,753	1,98,883	— 8,870

26. A falling off is observable in the aggregate number of marks put down. This is due to the increased labor involved in putting down stations, where offsets were previously considered sufficient. The adjustment of the position of stations is an operation requiring time and care. The time thus apparently lost will be recovered when the survey comes on to the ground, as its progress from the present comparative unfrequency of offsets will be materially facilitated.

27. Under the head of Demarcation, there are other items to which credit should be given to the party, viz., the demarcation of Railway circuits in Zemindaries and the demarcation of boundary between the Kavetnuggur and Kalastv Estates.

28. *Railway Station circuits.*—The progress made in the demarcation of Railway circuit stations is specified in the margin. Four stations have been completed and two are in progress, the area demarcated being 6,720 acres in all. The line of Railway running through each Zemindari village has been

*separately marked as Khundums for a length of twenty miles.

29. *Demarcation of boundary between Zemindaries.*—The demarcation of the boundary between the Kavetnuggur and Kalastry Zemindaries was almost complete at the close of the year, the line thus defined extending from the junction of the two Zemindaries with the Chendragherry Taluq to the corresponding junction in the Trivellore Taluq. Considerable difficulty was experienced in marking out this line, especially in the hilly parts of Nagary.

30. *Crops tested.*—The total number of experiments made in the harvest of the year was 368, as specified below:—

below:—										Number of Kyles.
Wet...	Paddy	...	...	...	...	...	...	...	...	325
Dry...	{	Areega	...	...	...	...	...	...	...	81
		Horse-gram	...	...	...	...	...	...	...	12
Total									...	43
Total Dry and Wet									...	368

31. *Tank Ayacuts.*—The revision of Tank Ayacuts progressed concurrently with field work, and the area actually examined was 5,361 acres. Eighty-one acres of these have been transferred from wet to dry and 755 acres changed from dry to wet.

32. Evasions of revenue brought to light during the year under reference stand thus—

	RS.
Land assessment	4,392
Water-rate and 2nd crop... ..	7,993
Total...	12,385

This includes the sums brought to jumma by the Curnams in the course of ordinary business, as they would not have done so had it not been for the investigations conducted by Mr. Randall's men.

33. *Settlement Accounts.—Office Work.*—This appertains chiefly to Nellore where the new Settlement rates had to be introduced. All the Account work necessary for the completion of this task was finished, and Mr. Randall was enabled to distribute the tickets of all the taluqs in the Principal Division between April 1873, the date of commencing settlement work, and February 1874, the date when the last taluq was finished. The amount of Account work performed is exhibited below :—

Items.	Number of Villages.	Survey Numbers.
1. Preparation of Classwar lists	596	4,41,655
2. Completing the above	388	3,32,878
3. Calculation of rates	579	3,59,143
4. Preparation of Chittahs	387	1,97,222
5. Writing out tickets	382	1,95,176
6. Comparing the above	345	1,65,790
7. Checking the rates	432	2,35,221
8. Fair writing No. 1	75	45,411

34. *Financial results as per introduction.*—The financial results as per introduction have not as yet been received for all the taluqs and, therefore, they are not shown here. They will appear in the report which is to follow.

35. *Outlay.*—The expenditure of the party was Rupees 69,250 which shows an excess of Rupees 16,101 over last year, mainly owing to the entertainment of extra establishment to expedite the Settlement work in Nellore and to the increase of pay to the Deputy Director.

36. *SALEM AND COIMBATORE.*—This party as in the preceding year was employed on revision of classification and the introduction of the new rates in the Salem District. On the completion of Settlement work in Salem, about the middle of the year, the strength of the party was reduced. In Coimbatore the usual operations embracing classification, restoration of demarcation, revision of tank ayacuts, etc., have been energetically pushed on by Mr. Clogstoun.

37. *Revision of classification.—Regular classification.—Field work.*—In Salem, the revision of classification was conducted in the Tripatore Taluq, and in the remaining 248 Villages of the Oosoor Taluq, which completed the entire district. In Coimbatore the classification of the remaining villages of the Perindoray, now Erode Taluq was completed, and the Palladam and the Sattiyamungalum Taluqs taken up. The progress made under each of these heads is noted below :—

Districts.	Last year.		In this year.		Difference.	
	ACRES.	SQ. M.	ACRES.	SQ. M.	ACRES.	SQ. M.
Salem	4,04,652	632	2,14,587	335	— 1,90,065	— 297
Coimbatore... ..	2,03,286	318	6,19,881	969	+ 4,16,595	+ 651
Total...	6,07,938	950	8,34,468	1,304	+ 2,39,606	+ 354

38. It will be observed that there is a falling off in the revision of classification in the Salem District owing to the operations coming to a close, and in Coimbatore there is a considerable increase. This is due to the party having been strengthened by the hands from Salem during the latter part of the year, to the large size of the fields, and with the exception of Sattiyamungalum Taluq, to the superior style of the demarcation. Of the latter, where it has been executed or thoroughly revised by the Survey Department, Mr. Clogstoun spoke in the highest terms when I last visited the district. Our operations have also been much facilitated by the promptness with which the Survey Department have met our demands for maps and area lists.

39. *Measurement of Sub-divisions.*—The progress made in the measurement of the interstitial fields likewise exhibits a decrease in Salem and an increase in Coimbatore, as specified below :—

Districts.	LAST YEAR.		IN THIS YEAR.		DIFFERENCE.	
	Survey Nos.	Sub-divisions.	Survey Nos.	Sub-divisions.	Survey Nos.	Sub-divisions.
Salem	10,658	26,352	6,164	14,425	— 4,494	— 11,927
Coimbatore	3,084	7,940	11,051	28,063	+ 7,967	+ 20,123
Total...	13,742	34,292	17,215	42,488	+ 3,473	+ 8,196

40. The results of one year cannot be fairly compared with those of the other, because the outturn depends upon the number of Survey fields requiring sub-division, although no doubt the increase in the present instance is due to increase in the area classified.

41. *New Demarcation, Classification, and Survey.*—The area newly demarcated, classified, and measured on account of the extension of cultivation was only 1,014 acres in the Tripatore Taluq of the Salem District.

42. *RENEWAL OF DEMARCATION MARKS.*—Restoration of demarcation was carried on under the orders of Government in the marginally noted taluqs of the Salem District, and the same plan was adopted in the Perindoray and the Sattiyamungalum Taluqs of the Coimbatore District, this measure being found unnecessary in the Palladam Taluq where the Survey Department have thoroughly renewed the demarcation. The number of stones newly planted in both the districts were 3,78,308 against 2,11,539 in the preceding year, as particularized in the margin.

43. *Tank ayacuts.*—The revision of tank ayacuts was carried on simultaneously with the field work both in the Salem and the Coimbatore Districts, and the result of these enquiries is generally an increase in the wet ayacut resulting chiefly from the transfer of lands hitherto charged with water-rate. This task was completed in Salem, but in Coimbatore the figures represent only the opinions of the classifiers, and they are subject to further scrutiny.

Items.	Salem.	Coimbatore.	Total.
		RS.	RS.
Existing wet ayacut... ..	9,535	11,316	20,851
Area transferred from wet to dry ...	353	540	893
Remaining	9,182	10,776	19,958
Area transferred from dry to wet ...	2,403	2,117	4,520
Total wet ayacut	11,585	12,893	24,478

44. *Kyles.*—Opportunity was taken of the harvest season, and 1,150 experiments were made during the year in the Coimbatore District.

45. *Evasions of Revenue.*—The extent of concealed cultivation or the evasion of water-rate brought to account during the progress of field operations in the Coimbatore District amounts in value to Rupees 2,653.

46. *Settlement Accounts*—OFFICE WORK.—The account work performed in the Salem District in connection with the introduction of the new rates is given below:—

Particulars.	Number of Villages.	Survey Numbers.
1. Comparing the Registers with the Field books	507	94,511
2. Comparing the same with Curnams' account	507	70,807
3. Making out Khatavani for individual holdings and comparison.	972	1,98,956
4. Making out abstracts	507	94,511
5. Writing out chittas and comparison	507	70,807
6. Calculation of assessment	972	2,13,772
7. Entering the same in the Registers	507	85,623
8. Writing out Diglott Registers	309	1,21,308
9. Comparing the Diglott Registers with the original	465	2,09,728
10. Preparing abstracts	465	1,28,149
11. Comparing the Registers	507	94,511
12. Comparing the Khatavani with Registers... ..	507	72,135
13. Preparing puttass and with comparison	507	70,807
14. Comparing the Numberwar List with the Registers	507	87,993

The preparation of the final Settlement Registers progressed. Registers for 779 villages were received in the Central Office, and 260 of them were printed with the usual number of copies for each village.

47. *Financial results as per introduction.*—The following table exhibits the financial results of the taluqs settled during the year under reference:—

Taluqs.	As per Revenue Accounts of Fasli 1282.	As per new Settlement.	Difference.	Percentage.
	RS.	RS.	RS.	RS.
Oosoor	95,001	1,08,615	+ 13,614	14
Tripatore	1,39,560	1,44,925	+ 5,365	4
Total...	2,34,561	2,53,540	+ 18,979	8

48. *Expenditure.*—The total outlay of the party was Rupees 70,704 or Rupees 2,126 more than that of the previous year, owing to a slight increase under Petty items, such as travelling batta, mounting maps, printing charges, etc.

49. *Chingleput.*—It was mentioned in the previous year's report that the small party employed in this district was engaged in preparing the various Accounts necessary for the Settlement Report on the Principal Division. On this work, they were continued till December 1873, when Major Stuart was relieved from duty at Cuddapah, and placed at the head of the party. He joined the Central Office soon after the Christmas holidays, and arrangements were made to start work with the increased strength authorized in G. O., No. 1,267, dated 19th November 1873.

Classification.—The party accordingly resumed field work towards the end of January last, and the outturn of classification accomplished up to the 31st March was 57,678 acres.

50. *Measurements of minor holdings.*—The measurement of interstitial fields progressed concurrently with classification. Owing to the inefficiency of the Curnams this work was done by the pupils attached to the party, and the result is as follows:—

	Last year.	In this year.	Difference.
Number of Survey fields	25,507	43,639	— 11,868
Do. of Sub-divisions	83,343	46,823	— 36,520

No comparison can of course be instituted with the previous year's results, as the field work extends only a little over two months.

51. *Account work.*—The account work for the Principal Division was fully completed, and the Settlement Report submitted as already stated. The chief items stand thus:—

Items.	Number of Villages.	Survey numbers.
1. Comparison of the Classification Registers with Adangal	289	96,284
2. Corrected in the Classification Registers according to the Correction lists	136	44,506
3. Preparation of Khatavani on the Survey areas	528	1,69,971
4. Preparing abstracts on the Survey areas	575	1,78,910
5. Checking the Curnams' account with the Taluq Goshwara	204	57,744
6. Preparation of Khatavani according to the Jummabandy of Fasli 1282	376	1,22,477
7. Preparation of Jummabandy Abstracts of Fasli 1282	376	1,22,477
8. Preparation of Accounts showing the corresponding Adangal numbers for Survey numbers	152	49,670
9. Preparation of Tarwar Goshwara for calculating the proposed rates on each field.	585	1,80,874

52. *Kyles.*—Six-hundred and sixteen experiments of produce were made in paddy in the Conjeeveram Taluq.

53. *Outlay.*—There is an increase of Rupees 4,089 in the cost of this party owing to the increased strength of the party and to the appointment of an Assistant Director.

54. *GANJAM.*—In November 1873, a new party was started under Mr. Goodrich, in accordance with the instructions contained in G. O., No. 990, dated 15th September 1873. The field hands were drafted from the Kistna and Cuddapah parties and thus some time was necessarily lost before all could join. As the men arrived, they were deputed to the villages of the Chicacole Taluq the Survey records of which were available.

55. *Classification and Sub-divisions measured.*—Field work.—The area classified was 72,660 acres, and the measurements of interstitial fields amounted to 1,054.

56. *Kyles.*—The number of instances in which the crops were tested during the year both by the Settlement and the Revenue Department is noted below:—

	Total number of Kyles.
Wet—By the Settlement Department	580
Paddy—By the Revenue do.	84

57. *Outlay.*—The expenditure of the party including the proportionate cost of the Central Office supervision amounts to Rupees 14,535. The disproportion of the expenditure to the outturn of work is inevitable at the commencement of operations.

58. *Tinnevely.*—The expenditure incurred in this district on account of the settlement work was Rupees 58,789 against Rupees 23,119 in the preceding year. The increase is due to a larger establishment being maintained throughout the year for the introduction of the new settlement.

59. I now proceed to notice the aggregate results of the working of the department, of which details are given in the Appendices A. and B.

60. *Total outturn and outlay.*—The following abstract Statement of Appendix A. exhibits the outturn of demarcation and classification, and the cost thereof compared with similar entries for the preceding year:—

Districts.	DEMARCATON.						CLASSIFICATION.						TOTAL.		Difference between columns 14 and 15.										
	Extent in Square miles.			Expenditure.			Average.			Extent in Square miles.			Expenditure.			Average.									
	1872-73.			1873-74.			1872-73.			1873-74.			1872-73.			1873-74.			1872-73.			1873-74.			
	1872-73.	1873-74.	1872-73.	1873-74.	1872-73.	1873-74.	1872-73.	1873-74.	1872-73.	1873-74.	1872-73.	1873-74.	1872-73.	1873-74.		1872-73.	1873-74.	1872-73.	1873-74.	1872-73.	1873-74.	1872-73.	1873-74.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16										
Godavary	...	...	...	...	...	...	...	...	610	...	...	...	...	...	...	...	611	...	...	...	...	...			
Kistna	10	45	945	4,361	...	...	7	43	23,800	31,056	...	...	...	...	...	...	24,745	...	...	...	...	...			
Kurnool	9	4	2,474	1,407	...	...	5	4	13,402	7,559	...	...	...	...	...	...	15,876	...	...	...	...	...			
Cuddapah	1,161	514	51,191	33,817	44	7	799	207	41,417	63,065	...	...	...	...	...	...	92,603	...	...	...	...	...			
Nellore	...	...	1	...	...	...	...	...	12,412	32,343	...	...	...	...	...	...	12,413	...	...	...	...	...			
North Arcot	247	254	24,412	31,254	98	13	124	122	16,324	16,553	131	10	4	123	4	10	40,736	...	...	...	...	...			
Salem	3	2	8,973	9,600	...	...	3	2	47,933	25,463	...	...	...	...	...	...	56,906	...	...	...	...	...			
Coimbatore	...	...	1,577	2,511	...	...	318	269	10,095	26,130	31	12	0	26	15	5	11,672	...	...	...	...	...			
Chingleput	...	...	...	998	...	...	240	90	17,073	20,164	...	...	...	...	...	...	17,073	...	...	...	...	...			
Ganjam	...	...	...	...	...	...	...	114	...	14,535	...	...	...	...	...	...	14,535	...	...	...	...	...			
Total	1,420	819	89,573	80,948	...	...	1,496	1,520	1,83,066	2,35,968	...	...	...	...	...	...	2,72,639	...	...	...	...	...			
Charges not debitable to parties, viz., cost of Settlement Establishment under the Collector of Tinnevely																									
																	23,118								
																	2,95,767								

Charges not debitable to parties, viz., cost of Settlement Establishment under the Collector of Tinnevely

61. *DEMARCATON.*—The outturn in demarcation this year is below that of last year in consequence of the field operations having come to a close in the Cuddapah District. The expenditure is likewise less on account of the reduction of establishments there.

62. *CLASSIFICATION.*—As respects classification, there has been a larger outturn. This is mainly owing to the transfer of the Salem party to the Coimbatore District on the completion of settlement work there. There is an enhancement in the outlay owing to the augmentation of the Chingleput party and the employment of extra hands for settlement work proper in Kistna, Cuddapah and Nellore.

63. The average cost per square mile is not shown in cases where the expenditure embraces settlement as well as classification operations, inasmuch as the outturn of square miles does not represent the whole work accomplished but only the area classified.

64. *Aggregate number of demarcation marks erected.*—The annexed abstract Statement of Appendix B shows the aggregate number of marks erected:—

Items.		1872-73.	1873-74.	Difference.
Village Boundary.	Number of Villages	573	336	237
	Kundums or Sub-divisions	1,485	363	1,122
	Trijunctions. { Regular work	277	248	29
	{ Renewal } New stones planted	27	...	27
	{ work. } Old stones firmly fixed	1,757	...	1,757
	Secondaries	2,159	7,287	5,128
	Other marks { Regular work	11,280	1,599	9,681
	on Village { Renewal } New stones planted	130	...	130
	boundaries. { work. } Old stones firmly fixed	2,571	...	2,571
	Marks on Khundums	25,557	21,853	3,704
Field Boundary.	Number of Villages	524	642	118
	Villages divided into { Number of Villages	462	288	174
	{ of Khundums	2,069	448	1,621
	Number of { Regular work	1,14,279	56,673	57,606
	fields mark- { Renewal } New stones planted	74,888	1,94,967	1,20,079
	ed out. { work. } Old stones firmly fixed	19,429	22,661	3,232
	Number of { Regular work	4,48,140	2,36,488	2,11,652
	field marks. { Renewal } New stones planted	2,23,538	3,78,308	1,54,770
	{ work. } Old stones firmly fixed	1,46,791	1,09,978	36,813

65. The decrease exhibited in the number of Village, Khundum, and Field boundary marks under the head of regular demarcation is of course owing to the closing of work in Cuddapah.

66. *Budget allotment and expenditure compared.*—The Budget allotment and expenditure of the several parties are specified below:—

Districts.	Sanctioned amount for the year 1873-74.	Actual expenditure in 1873-74.	Difference.
	RS.	RS.	RS.
1. Central Office	55,700	46,665	- 9,035
2. Kistna	37,600	29,859	- 7,741
3. Kurnool and Cuddapah	63,500	89,474	+ 25,974
4. Salem and Coimbatore	57,500	59,643	+ 2,143
5. Nellore and North Arcot	51,000	58,576	+ 7,576
6. Chingleput	15,700	17,948	+ 2,248
7. Ganjam	39,000	12,205	- 26,795
	3,20,000	3,14,370	- 5,630

Districts.	Sanctioned amount for the year 1873-74.	Actual expen- diture in 1873-74.	Difference.
Tinnevely Settlement Establishment	RS. 55,000	RS. 58,789	+ RS. 3,789
Total...	3,75,000	3,73,159	- 1,841
Deduct as per Accountant-General's letter of 1st August 1873, No. 3,855	59,900	...	- 59,900
Remaining...	3,15,100	3,73,159	+ 58,059
Add Printing Charges Provincial	7,000	2,548	- 4,452
Total ..	3,22,100	3,75,707	+ 53,607

67. It will be seen that the aggregate cost has been within the grant* sanctioned by the Government of India. In Cuddapah and Coimbatore anticipations in regard to the early closing of field operations were not realized, and establishments were consequently maintained at their previous strength up to nearly the close of the year. The excess in Nellore and North Arcot is mainly due to the special allowance granted to the Deputy Director there, and the employment of extra hands on the settlement work of Nellore. The other items of increase do not call for remark. The decrease in Ganjam is attributable to the commencement of operations being deferred until the middle of the year.

68. *Circuits.*—I may mention here that Mr. Banbury visited Salem and Chingleput twice and North Arcot once during the year, and was absent from Head-quarters for fifty-nine days. After assuming charge in February, I visited Cuddapah and Coimbatore and was thirteen days away from Madras.

69. *Lithographed Survey Maps.*—The number of maps despatched from the Central Office during the year were as under:—

Districts.	MOUNTED.		UNMOUNTED.		Total number of Maps.
	Villages.	Number of Maps.	Villages	Number of Maps.	
Kistna	217	466	231	3,745	4,211
Salem	712	1,444	618	8,840	10,284
Coimbatore	364	728	356	8,625	9,353
Cuddapah... ..	...	...	91	2,104	2,104
Total...	1,293	2,638	1,296	23,314	25,952

70. A map illustrating the progress of the Settlement operations is herewith forwarded.

71. *General Remarks.*—As in the preceding year, the Department has received the most cordial assistance from the Revenue officers of the districts where Settlement operations have been carried on, and the little differences which prevailed between it and the Survey branch have been happily adjusted. The Deputy Directors, Messrs. Rundall, Cox and Clogstoun, continue to push on the work in their respective charges with commendable zeal, and operations have been energetically inaugurated by Mr. Goodrich, in Ganjam, and by Major Stuart, in the Sub-division of Chingleput. The Assistants, Messrs. Mayer and Clerk, are favorably reported on by the Deputy Directors under whom they are immediately employed. I have had every reason to be satisfied with the manner in which Lakshmikunta Rau, the 1st Uncovenanted Assistant, attached to the Central Office has discharged his duties, and I cannot speak too highly of the industry and ability of Mr. W. P. Williams, the Manager.

ENCLOSURE No. 1.

APPENDIX A-1.

Statement showing the extent of demarcation and classification work performed by the Settlement parties, and the expenditure incurred thereon for the official year 1873-74.

KISTNA DISTRICT.

Items.	Taluga.	Number of Villages completed.	Number of Villages in progress.	Ayacut area in square miles.	Actual work in detail.	Cost of field work.	Cost of work in the Office.	Local Superintendence.	Central Office proportion.	Total.	Average cost per square mile.
						RS.	RS.	RS.	RS.	RS.	RS. A. P.
Demarcation.	Guntur	...	...	...	...	50	...	41	17	108	...
	Sattanapalli	...	...	1	1	87	...	71	28	186	...
	Narasarowpet	...	...	5	5	296	...	242	96	634	...
	Repully	...	...	3	3	305	...	250	99	654	...
	Bapatlah	...	...	16	16	431	...	352	140	923	...
	Palnad	...	...	9	9	500	...	409	163	1,072	...
	Venukondah	...	...	11	11	366	...	299	119	784	...
	Total...	...	...	45	45	2,035	...	1,664	662	4,361	...
Classification.	Guntur	...	...	...	...	304	1,019	1,082	431	2,836	...
	Sattanapalli	...	...	1	1	201	736	766	305	2,008	...
	Narasarowpet	...	...	5	5	293	1,602	1,549	617	4,061	...
	Repully	...	...	3	3	385	2,156	2,077	827	5,445	...
	Bapatla	...	...	15	15	541	1,902	1,997	795	5,235	...
	Palnad	...	...	8	8	810	2,177	2,442	972	6,401	...
	Vinukondah	...	...	10	10	800	1,297	1,714	682	4,493	...
	Total...	...	...	42	42	3,334	10,889	11,627	4,629	30,479	...
	Printing Charges, etc.	...	...	...	...	...	489	...	88	577	...
	Total...	...	...	42	42	3,334	11,378	11,627	4,717	31,056	...
	Grand Total...	...	...	...	...	5,369	11,378	13,291	5,379	35,417	...

MADRAS,
31st July 1874.

(Signed) H. E. SULLIVAN,
Offg. Director of Revenue Settlement.

APPENDIX A.-2.

Statement showing the extent of demarcation and classification work performed by the Settlement parties, and the expenditure incurred thereon for the official year 1873-74.

KURNOOL DISTRICT.

Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Ayut area in square miles.	Actual work in detail.	Cost of field work.	Cost of work in the Office.	Local Superintendence.	Central Office portion.	Total.	Average cost per square mile.
						RS.	RS.	RS.			
Demarcation.	Ramalakota	...	...	...	...	...	8	4	2	14	...
	Nandikotakur	...	...	...	...	12	8	11	5	36	...
	Nandial	...	...	...	...	6	28	19	10	63	...
	Sirwell	...	...	...	...	...	47	26	13	86	...
	Cumbum	...	...	...	...	405	33	242	122	802	...
	Markapur	...	...	...	...	16	7	13	7	43	...
	Pattikonda	...	...	...	...	...	...	...	...	...	...
	Koilguntla	...	...	4	4	198	...	110	55	363	...
	Total	...	...	4	4	637	131	425	214	1,407	...
Classification.	Ramalakota	...	...	...	...	...	...	...	...	...	...
	Nandikotakur	...	...	...	...	...	23	12	6	41	...
	Nandial	...	...	...	...	24	12	20	10	66	...
	Sirwell	...	...	...	...	...	20	11	6	37	...
	Cumbum	...	...	...	...	104	154	143	72	473	...
	Markapur	...	...	...	...	7	163	94	47	311	...
	Pattikonda	...	...	...	...	...	936	518	260	1,714	...
	Koilguntla	...	...	4	4	183	2,211	1,324	666	4,384	...
	Total	...	...	4	4	318	3,519	2,122	1,067	7,026	...
	Printing charges, etc.	...	...	...	...	...	452	...	81	533	...
	Total	...	...	4	4	318	3,971	2,122	1,148	7,559	...
	Grand Total	...	...	...	...	955	4,102	2,547	1,362	8,966	...

MADRAS,
31st July 1874.

(Signed) H. E. SULLIVAN,
Offg. Director of Revenue Settlement.

APPENDIX A.-3.

Statement showing the extent of demarcation and classification work performed by the Settlement parties, and the expenditure incurred thereon for the official year 1873-74.

CUDDAPAH DISTRICT.

Items.	Taluqs.	Number of Villages completed.	Number of Villages in progress.	Ayut area in square miles.	Actual work in detail.	Cost of field work.	Cost of work in the Office.	Local Superintendence.	Central Office portion.	Total.	Average cost per square mile.
						RS.	RS.	RS.	RS.	RS.	RS. A. P.
Demarcation.	Jummalamadoogoo	...	...	6	6	750	154	702	288	1,894	...
	Proddatoor	...	...	3	3	352	...	274	112	738	...
	Cuddapah	...	...	5	5	1,850	96	1,512	619	4,077	...
	Sidhout	...	...	100	...	516	3	403	165	1,087	...
	Budwail	...	...	77	...	234	3	184	75	496	...
	Pullempett	...	...	44	...	1,146	4	893	366	2,409	...
	Royachoty	...	...	...	...	186	12	153	63	414	...
	Voilpad	...	...	...	...	140	...	109	45	294	...
	Muddanapalli	...	...	...	...	49	51	78	32	210	...
	Kadri	...	...	...	...	256	483	574	235	1,548	...
	Pulivendla	...	...	279	81	9,097	699	7,609	3,116	20,521	...
	Total	120	...	514	95	14,576	1,505	12,491	5,116	33,688	65 8 8
	Cost of Boundary Pillars	...	...	...	...	129	...	...	...	129	...
	Total	120	...	514	95	14,705	1,505	12,491	5,116	33,817	65 12 2
Classification.	Jummalamadoogoo	...	...	6	6	917	4,930	4,542	1,860	12,249	...
	Proddatoor	...	...	3	3	1,177	2,758	3,057	1,252	8,244	...
	Cuddapah	...	...	5	5	3,850	4,398	6,407	2,624	17,279	...
	Sidhout	...	...	...	...	211	194	315	129	849	...
	Budwail	...	...	...	...	...	213	166	68	447	...
	Pullempett	...	...	...	...	154	73	176	72	475	...
	Royachoty	...	...	6	6	1,231	78	1,016	417	2,742	...
	Voilpad	...	...	...	...	85	...	66	27	178	...
	Muddanapalli	...	...	...	...	133	...	103	42	278	...
	Kadri	...	...	...	...	142	20	126	51	339	...
	Pulivendla	...	...	187	82	9,208	203	7,310	2,995	19,716	...
	Chingleput District	...	...	...	...	12	...	9	4	25	...
	Total	37	...	207	102	17,120	12,867	23,293	9,541	62,821	...
	Cost of Printing Charges, etc.	...	...	...	...	...	207	...	37	244	...
	Total	37	...	207	102	17,120	13,074	23,293	9,578	63,065	...
	Grand Total	...	...	...	...	31,825	14,579	35,784	14,694	96,882	...

MADRAS,
31st July 1874.

(Signed) H. E. SULLIVAN,
Offg. Director of Revenue Settlement.

APPENDIX A-4.

Statement showing the extent of demarcation and classification work performed by the Settlement parties, and the expenditure incurred thereon for the official year.

Item.	Taluqs.	Number of Villages completed.	Number of Villages in progress.	Ayacut area in square miles.	Actual work in detail.	Cost of field work.	Cost of work in the Office.	Local superintendence.	Central Office portion.	Total.	Average cost per square mile.
	Nellore.					RS.	RS.	RS.	RS.	RS.	RS. A. P.
	Nellore ...	...	...	...	...	...	2,915	5,770	1,555	10,240	...
	Gudur ...	...	...	...	...	...	1,747	3,459	932	6,138	...
	Atmakur ...	...	...	...	...	...	1,350	2,672	720	4,742	...
	Rapur ...	...	...	...	...	...	848	1,680	453	2,981	...
	Kavali ...	...	...	...	...	...	974	1,929	520	3,423	...
	Udayagiri ...	...	...	...	...	...	536	1,062	286	1,884	...
	Kandakur ...	...	...	...	...	...	322	637	172	1,131	...
	Ongole ...	...	...	...	...	...	312	618	167	1,997	...
	Kanigiri ...	...	...	...	...	...	108	213	57	378	...
	Total...	...	...	...	...	...	9,112	18,040	4,862	32,014	...
	Cost of Printing Charges, etc. ...	...	...	...	...	...	279	...	50	329	...
	Total...	...	...	...	...	...	9,391	18,040	4,912	32,343	...
	North Arcot.										
	Chittoor...	107	23	183	97	7,136	119	4,199	2,051	13,505	...
	Chendragherri ...	6	7	4	2	415	306	417	204	1,342	...
	Guriattum ...	21	8	58	42	1,823	...	1,055	515	3,393	...
	Palmanair ...	...	...	...	...	253	...	147	72	472	...
	Zemindari ...	...	...	9	...	933	...	540	264	1,737	...
	Total...	134	38	254	141	10,560	425	6,358	3,106	20,449	80 8 2
	Cost of boundary pillars.	...	...	...	...	805	...	...	...	805	...
	Total ..	134	38	254	141	11,365	425	6,358	3,106	21,254	83 9 7
	Chittoor...	123	20	88	88	6,350	368	3,888	1,899	12,505	...
	Chendragherri ...	6	7	1	1	546	...	316	154	1,016	...
	Guriattum ...	17	7	33	33	995	107	638	312	2,052	...
	Total...	146	34	122	122	7,891	475	4,842	2,365	15,573	127 10 4
	Cost of Printing Charges.	...	...	...	...	...	68	...	12	80	...
	Total...	146	34	122	122	7,891	543	4,842	2,377	15,653	128 4 10
	Grand Total...	...	...	...	...	19,256	968	11,200	5,483	36,907	...

MADRAS,
31st July 1874.

(Signed) H. E. SULLIVAN,
Offg. Director of Revenue Settlement.

APPENDIX A-5.

Statement showing the extent of demarcation and classification work performed by the Settlement parties, and expenditure incurred thereon for the official year 1873-74.

SALEM DISTRICT.

Items.	Taluqs.	Number of Villages completed.	Number of Villages in progress.	Ayacut area in square miles.	Actual work in detail.	Cost of field work.	Cost of work in the Office.	Local superintendence.	Central Office portion.	Total.	Average cost per square mile.
						RS.	RS.	RS.	RS.	RS.	RS. A. P.
	Ahtoor ...	...	...	...	...	70	...	48	21	139	...
	Darampuri ...	...	...	...	...	1,339	...	915	404	2,658	...
	Oossoor ...	...	...	...	...	1,600	...	1,093	482	3,175	...
	Kistnagiri...	...	...	...	...	473	...	323	142	938	...
	Tripatore ...	...	...	2	2	1,300	...	888	392	2,580	...
	Namcul ...	...	...	...	...	55	...	38	17	110	...
	Total...	...	...	2	2	4,837	...	3,305	1,458	9,600	...
	Ahtoor ...	...	...	...	...	...	4	3	1	8	...
	Darampuri ...	...	...	...	...	...	248	169	75	492	...
	Oossoor ...	...	...	...	...	...	4,821	3,294	1,453	9,568	...
	Kistnagiri...	...	...	...	...	...	2,146	1,466	647	4,259	...
	Tripatore ...	...	...	2	2	...	3,781	2,584	1,140	7,505	...
	Salem ...	...	...	...	...	...	464	317	140	921	...
	Uttengherri ...	...	...	...	...	...	214	146	64	424	...
	Namcul ...	...	...	...	...	...	437	299	132	868	...
	Total ..	...	...	2	2	...	12,115	8,278	3,652	24,045	...
	Cost of Printing Charges, etc.	...	...	...	...	...	1,203	...	215	1,418	...
	Total...	...	...	...	...	...	13,318	8,278	3,867	25,463	...
	Grand Total...	...	...	...	...	4,837	13,318	11,583	5,325	35,063	...

Madras,
31st July 1874.

(Signed) H. E. SULLIVAN,
Offg. Director of Revenue Settlement.

APPENDIX A.—6.

Statement showing the extent of demarcation and classification work performed by the Settlement parties, and the expenditure incurred thereon for the official year 1873-74.

Talugs.	Number of Villages completed.	Number of Villages in progress.	Ayacut area in square miles.	Actual work in detail.	Cost of field work.	Cost of work in the Office.	Local superintendence.	Central Office portion.	Total.	Average cost per square mile.
<i>Chingleput.</i>					RS.	RS.	RS.	RS.	RS.	RS. A. P.
Ariyagoshthi village of Chillumbrum Talug, South Arcot District ..	...	...	...	...	479	...	367	152	998	...
Sydapet ..	...	...	...	...	...	2,767	2,121	875	5,763	...
Ponnerly ..	...	...	...	...	...	981	752	310	2,043	...
Trivellore ..	...	...	...	...	...	2,989	2,291	946	6,226	...
Conjeveram ..	72	31	90	90	2,773	...	2,126	877	5,776	...
Total...	72	31	90	90	2,773	6,737	7,290	3,008	19,808	...
Cost of Printing Charges.	...	...	...	...	...	302	...	54	356	...
Total...	72	31	90	90	2,773	7,039	7,290	3,062	20,164	...
Grand Total...	...	...	...	...	3,252	7,039	7,657	3,214	21,162	...
<i>Ganjam.</i>										
Chicacole ..	81	29	114	112	3,717	...	8,407	2,172	14,296	125 6 5
Cost of Printing Charges.	...	...	...	...	...	203	...	36	239	...
Total...	81	29	114	112	3,717	203	8,407	2,208	14,535	127 8 0
<i>Coimbatore District.</i>										
Perindoray ..	...	...	...	...	1,624	...	1,105	489	3,218	...
Sattiyamungalum...	...	...	...	...	1,404	...	955	422	2,781	...
Total...	...	...	...	...	3,028	...	2,060	911	5,999	...
Cost of boundary pillars.	...	...	...	...	3,512	...	...	...	3,512	...
Total...	...	...	...	...	6,540	...	2,060	911	9,511	...
Perindoray ..	119	...	220	220	4,835	...	3,307	1,458	9,600	...
Sattiyamungalum...	137	10	331	331	4,431	...	3,031	1,337	8,799	...
Palladum...	112	17	418	418	3,700	...	2,531	1,116	7,347	...
Total...	368	27	969	969	12,966	...	8,869	3,911	25,746	26 9 1
Cost of Printing Charges.	...	...	...	...	...	326	...	58	384	...
Total...	368	27	969	969	12,966	326	8,869	3,969	26,130	26 15 5
Grand Total...	...	...	...	...	10,500	922	10,929	4,880	35,641	...

MADRAS,
31st July 1874.

(Signed) H. E. SULLIVAN,
Offg. Director of Revenue Settlement.

ENCLOSURE No. 7.—Map illustrating the progress of Settlement operations.

THE Acting Director's report on the operations of the Settlement Department during the past official year will be submitted to Government.

2. It is usual to show in the annual report the financial results of the year, in the case of those districts or parts of districts which have been recently settled; but owing to the necessary returns not having yet come to hand, Mr. Sullivan states that these particulars will be submitted subsequently.

3. The past year exhibits a very unusual amount of introduction work which consists of bringing the new settlement into actual force. The results of the year under this branch far exceed those contained in any annual report since the Department began working and may be thus briefly stated in a tabular form which shows also the increase or decrease by the new settlement as compared with the old assessment.

Districts.	Talugs.	As per old Revenue Assessment.	As per new Settlement.	Differences.	Percentage.
		RS.	RS.	RS.	
Kistna	Bapatlah ..	4,91,313	5,37,276	+ 45,963	9
	Repully ..	5,08,992	5,87,074	+ 78,082	15
	Palnad ..	2,76,689	2,83,810	+ 7,121	3
	Venukondah ..	1,06,376	1,17,100	+ 10,724	10
	Narasarowpet ..	3,01,065	3,17,263	+ 16,198	5
	Total...	16,84,435	18,42,523	+1,58,088	9
Kurnool	Koilguntla ..	1,96,549	2,18,431	+ 21,882	11
Cuddapah	Jummalamadoogoo ..	1,78,377	1,96,039	+ 17,662	10
	Proddatoor ..	1,70,059	1,85,412	+ 15,353	9
	Cuddapah ..	2,12,666	2,32,505	+ 19,839	9
	Total...	5,61,102	6,13,956	+ 52,854	9
Nellore	Nellore ..	4,10,796	5,56,358	+1,45,562	35
	Gudur ..	2,57,252	2,70,841	+ 13,589	5
	Rapur ..	88,978	87,406	- 1,572	2
	Atmakur ..	2,02,852	2,02,016	- 836	
	Kavali ..	1,35,529	1,46,860	+ 11,331	8
	Udayagiri ..	48,865	49,409	+ 544	1
	Total...	11,44,272	13,12,890	+1,68,618	15
Salem	Tripatore ..	95,001	1,08,615	+ 13,614	14
	Oossoor ..	1,39,560	1,44,925	+ 5,365	4
	Total...	2,34,561	2,53,540	+ 18,979	8
Grand Total...		38,20,919	42,41,340	+4,20,421	11

4. The only settlement Report submitted was that for the three talugs comprizing the principal division of the Chingleput District. The proposals involve an increase of Rs. 31,007 in the case of "wet" lands and a decrease of Rupees 12,188 in "dry," the net enhancement being Rupees 18,819. The assessment on the "wet" lands comes out higher than before, owing to the extensive improvements which have been recently made to the Cholaveram, Red

Hill and Chembrambaukam reservoirs. The report is now before the Board.

5. Government sanctioned the scheme submitted for the Sub-division taluqs of Nellore and measures were at once taken to carry out the task of introduction during the current year.

6. The field work, and collateral duties connected therewith in each district, may be thus briefly noticed.

7. *Kistna*.—The classification, demarcation and survey of newly occupied lands, gives a large increase under each item, and the area thus demarcated amounts to nearly 30,000 acres. There is also a considerable increase in the measurement of minor holdings, and 20,000 of these technically termed "interstitial fields," were separately measured out and recorded. Mr. Sullivan does not however state whether the task has been fully completed or not. The revision of the Tank ayacuts went on in conformity with recent orders, but the Acting Director should explain why only 334 acres were transferred from "dry" to "wet," whilst acres 2,101 were changed from wet to dry; the figures should apparently be exactly the reverse of what is now reported.

8. *Kurnool and Cuddapah*.—Here the field work shows a very large falling off; the decrease below the outturn of the year preceding being nearly 4 lakhs of acres. The orders of Government regarding the future working of this party caused doubts which have only been recently cleared up. In Proceedings of Government, dated 28th April 1871, it was ruled that the Settlement Department should do demarcation, but when some months afterwards it was proposed that the Cuddapah party should enter the adjoining taluq in Bellary for this purpose, the question

was again opened as to demarcation being done by the Settlement Department.* This caused further correspondence, and although the hands were employed on various duties the field work shows badly. Some of the employes for whom field work was not available were, it appears, abolished, or utilized upon office work with reduced salaries. Hill demarcation engaged attention, and the minor holdings 44,139 in number were measured and recorded for the taluqs under settlement. Restoration of demarcation was pushed on and 2½ lakhs of stones were renewed. The tank ayacuts were revised over 45,000 acres, but in the case of the Koilguntla Taluq, the Board remark the same apparent inconsistency as in the Kistna District as under the head "Kurnool" 225 acres were changed from "dry" to "wet" and acres 708 from "wet" to "dry."

9. *Nellore and North Arcot*.—Field work was carried on by this party in the Chittoor and Guriattum Taluqs of North Arcot; the demarcation is conducted on the same system as that pursued by the Survey Department. Acres 95,000 were demarcated, and acres 67,000 classified during the year which is very much the same result as that attained during the preceding twelve months. In addition to the regular field work, the boundary line between the Kalastry and Kavetnuggur Zemindaries was almost completed, and the Railway Station circuits were demarcated in six localities agreeably to Orders of Government, dated 16th February 1872, No. 300. In the North Arcot party the revision of the tank ayacuts seems to have been properly carried out, as 81 acres are transferred to "unirrigated" whilst 755 acres are brought to "irrigated." During the progress of work, evasions in revenue to the amount of Rupees 12,385 were brought to light, which shows matters were carefully looked into by the field hands.

10. *Salem and Coimbatore*.—Mr. Clogstoun after he had completed field work in Salem passed on into Coimbatore, and the outturn of the year stands at 8,34,468 acres showing an increase of nearly 2½ lakhs of acres over the outturn of the year preceding. This satisfactory result is reported by Mr. Sullivan to be owing to the large size of the fields, and to the superior style of the demarcation which had been thoroughly revised by the Survey Department. The measurement of minor holdings, and the restoration of demarcation in Salem exhibit a satisfactory increase in each case. More should have been done in the way of preparing and printing the Settlement Registers; but the Board have expressed their views upon this matter in their Proceedings on the last quarterly return.

11. *Chingleput*.—Here the field work fell off considerably owing to the hands being brought into Office to complete the accounts required for drawing up the report on the sub-division taluqs already referred to in paragraph 4. The party took the field in January under Major Stuart and

completed 57,000 acres of classification. There is evidently something wrong or unexplained in the Statement annexed to paragraph 50 of Mr. Sullivan's letter; as if during the preceding twelve months the party measured 83,000 minor holdings, a very large outturn of work, it is not clear how they managed in 1873-74 to measure out 46,823 in "a little over two months." This should be cleared up.

12. *Ganjam*.—Mr. Sullivan reports that the party began work under Mr. Goodrich in November last, and that 72,660 acres were classified in Chicacole. More information as to the working of this party might have been furnished.

13. The total area demarcated by the Settlement Department was 819 square miles against 1,420 during the year preceding. This is owing to work in Cuddapah having come to a close and no new field being allotted to them. Classification on the other hand gives 1,520 square miles against 1,496 the outturn of the year before. The number of stone demarcation marks of all kinds fixed during the year, including those restored and renewed, reaches the large total of 7,55,761.

14. The total expenditure of the year amounts to Rupees 3,75,707, which is within the Budget allotment as sanctioned by the Madras Government and which was finally allowed. Savings might have been effected in Cuddapah to a larger extent had the demarcation question been settled earlier. The Ganjam party being newly started, also added to the cost of the year. The Acting Director must explain the cause of the vast difference in cost per square mile between Mr. Rundall's work, and that of Mr. Clogstoun. Although the fields in Coimbatore may be large and the classification comparatively easy, there is no apparent reason for so large a discrepancy in cost.

15. The Board are glad to hear that the Revenue Officers furnished every assistance to the Department, as unless their local aid and local knowledge are taken full advantage of, the work of settlement can hardly be thoroughly successful. It is also gratifying to learn that Mr. Sullivan was so well satisfied with his subordinates, and it is no doubt owing to the Deputy Director's exertions that so large an amount of introduction was effected simultaneously with field work.

(True Copies and Extract)

Secretary.

To the Acting Secretary to Government, Revenue Department, with one map.
.. the Officiating Director of Revenue Settlement.

Exd. G. A. Turton.

62/10/74

7-12-44

6-9-92

19-12-44

To the Board of Dec. 11/100

Received
No. 28.
1874

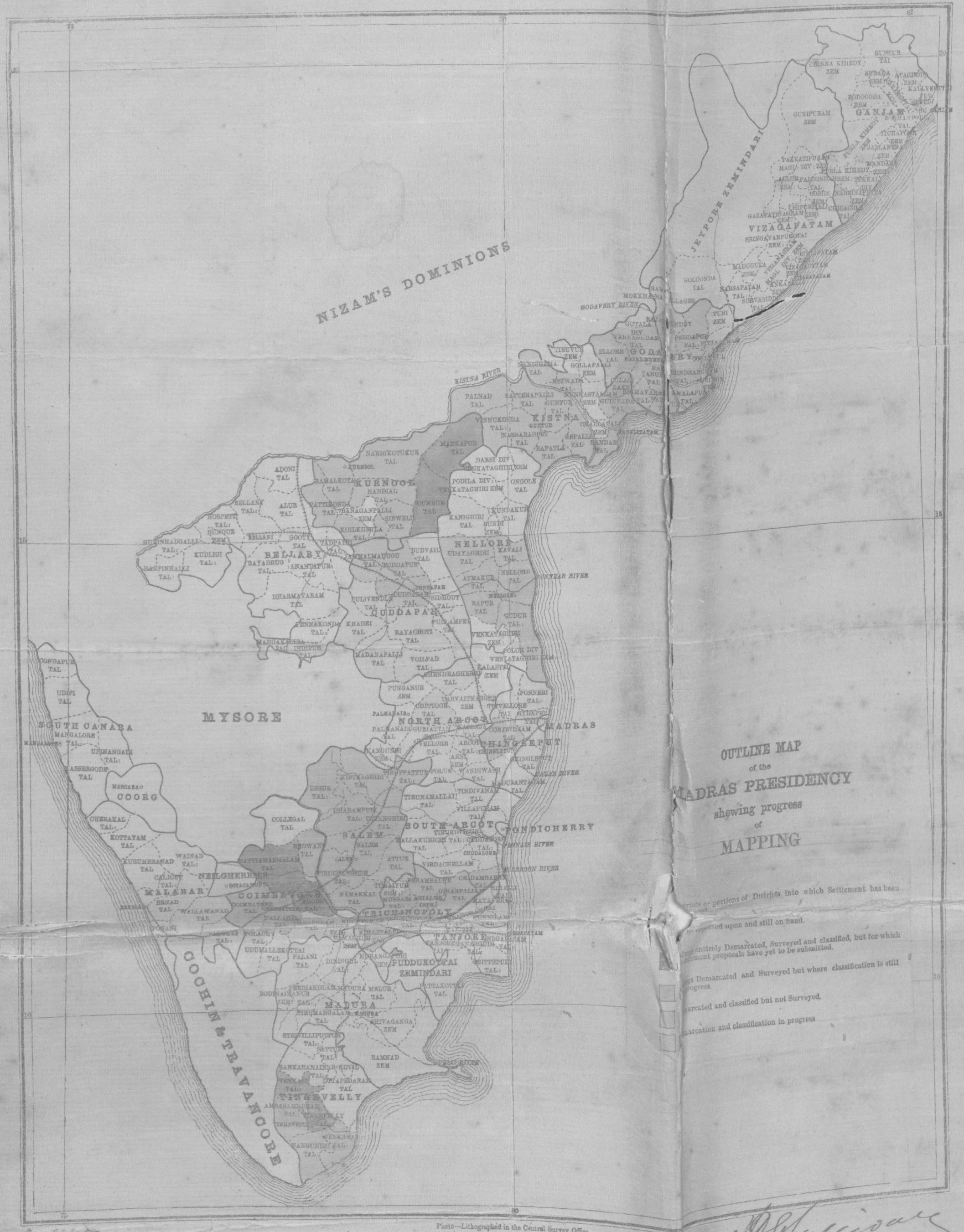
SEPTEMBER.
No. 2, 793.

Received

24/3665
19/15/75

Board of Revenue,
MADRAS.
1874.

INSTRUCTIONS, 20th SEPTEMBER 1874, No. 2, 793.



W. H. Sullivan
Offg. Director of Revenue Settlement.

in letter from the Secretary
Revenue with regard to the
Secretary to the Board of
Revenue of 21st Aug 1892
No 13974
S/A

28-6-92
No 13974
No 13974

L.A.M. No 5225/74

28/6/92