S.R.O. 1—2716.

(1) Number of pages 616

(2) Date of repair 12-12-06

(3) Initials of the Reference Cr

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. 820	Press Mrs.
Dated	13 .

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No. 2,173.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 24th October 1873.

Read the following letter from G. BANBURY, Esq., Director of Revenue Settlement, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Pattraperumudur, 26th July 1873, No. 1,556-60A:—

I HAVE the honour to submit my Annual Report upon what has been done by the Settlement Department during the past year 1872-73, and to forward, herewith, the usual appendices as to outlay incurred, and area dealt with under each head.

2. It has been hitherto usual to touch upon the Revenue of the year under report derived from those provinces already dealt with by this Department, but as these particulars have only as yet been supplied from one district, I will not detain this report any longer, but will, as soon as the necessary data are available, submit a separate letter regarding this important subject of Settlement results.

SETTLEMENT SCHEMES SUBMITTED AND SANCTIONED DURING THE YEAR.

3. NELLORE.—*Submitted.*—Mr. Rundall sent in his report upon the three taluqs comprizing the Sub-Division, thus completing the entire district. The proposals after being reviewed in this Office, and some slight alterations recommended, were forwarded on to the Board, with my letter, dated 28th February 1873, No. 385-12. The results of the new rates now proposed are as follows:—

Taluqs.	As per Revenue Accounts of Fasli 1278.	As per new Settlement.	Difference.	Percentage.
	Rs.	Rs.	Rs.	Rs.
Ongole	2,63,259	2,94,306	+ 31,047	12
Kandukur	2,55,506	2,69,887	+ 14,381	6
Kanigiri	36,214	43,601	+ 7,387	20
Total...	5,54,959	6,07,794	+ 5,2835	10

CUDDAPAH.—Major Stuart completed his Settlement scheme for the three eastern taluqs of Cuddapah, and his report thereon is now in the Press; the new rates when compared with the present assessment stand thus:—

Taluqs.	As per Revenue Accounts of Fasli 1280.	As per new Settlement.	Difference.	Percentage.
	Rs.	Rs.	Rs.	Rs.
Sidhout	1,02,988	1,04,306	+ 1,318	1
Budvel	1,06,983	1,23,866	+ 16,883	16
Pullumpett...	1,30,205	1,60,450	+ 24,245	18
Total ...	3,40,176	3,88,622	+ 42,446	12

KISTNA.—*Sanctioned.*—The Government passed orders* approving of Mr. Wilson's scheme as amended by the Board, the increase in Revenue thereby being Rupees 1,83,497.

* 14th May 1872, No. 798, F.

PATTIKONDA IN KURNOOL.—The sanction of Government was also given to the revised settlement of this taluq, the enhancement proposed being Rs. 31,639.

Description of land.	As per Revenue Accounts of Fasli 1274.	As per new Settlement.	Difference.
	rs.	rs.	rs.
Dry ...	1,69,768	1,95,190	+ 25,422
Wet ...	17,647	23,864	+ 6,217
Total...	1,87,415	2,19,054	+ 31,639

NELLORE.—Just at the close of the year, the Government approval of Mr. Rundall's proposals for the six taluqs forming the principal division of Nellore came to hand. In this instance, there is a considerable increase in the wet assessment, but reduction in dry, as shown below:—

Description of land.	Beriz of Fasli 1276-77.	As per new Settlement.	Difference.
	rs.	rs.	rs.
Dry	3,79,329	3,66,133	— 13,196
Wet	7,95,751	9,84,143	+1,88,392
Total...	11,75,080	13,50,276	+1,75,196

CUDDAPAH.—The scheme for the four taluqs of Jummulamadoogoo, Cuddapah, Poddatoor and Koilcuntla* was likewise passed by Government,† and the following proposals accepted:—

* Formerly attached to Cuddapah, but now to Kurnool.

† 14th May 1872, No. 798-B.

Description of land.	Amount of Beriz.		
	As per Revenue Account.	As per new Settlement.	Difference.
	rs.	rs.	rs.
Dry	5,68,112	6,39,376	+ 71,264
Wet	1,85,182	2,03,185	+ 17,703
Total ...	7,53,294	8,42,561	+ 88,967

I may here remark that immediate steps were taken to carry out the final Orders of Government in each case, and the progress made will be presently shown in its appropriate place for each district.

SCENE OF OPERATIONS DURING THE YEAR.

1. KISTNA.—The small party engaged in clearing up the remaining work prior to the introduction of the new Settlement was retained, as during the previous year, until July, when the Orders of Government having been received for the introduction of Mr. Wilson's revised rates, early steps were taken to strengthen the establishment and to carry the measure into effect. Mr. Cox arrived from England in October, and at once proceeded to take charge of the party at Guntur, which had been temporarily superintended by the Acting Uncovenanted Assistant.

5. FIELD WORK.—The few out-door hands were engaged upon the newly occupied holdings, and the outturn stands thus—

Items.	Last year.	In this year.	Difference.
Demarcation acres	10,075	6,594	— 3,481
Classification do.	8,621	4,230	— 4,391
Survey do.	10,307	6,964	— 3,343
Number of stones planted	4,426	3,232	— 1,194

This looks small by the side of that of the previous year, owing to but little remaining to be done, and to the scattered nature of the work itself. On the other hand, measurement of minor holdings shows a large increase.

Items.	Last year.	In this year.	Difference.
Number of Villages...	7	66	+ 59
Number of Survey fields...	63	836	+ 773
Number of Sub-Divisions	211	2,220	+ 2,009

I may here mention that owing to the Local Revenue Officers not having duly regarded the Board's Orders* as to the strict observance of entire Survey fields in relinquishing old, and taking up new lands, the quantity of these minor holdings to be measured and recorded is something astonishing; but with Mr. Lemon's aid, I am in hopes this task may be completed sooner than we ever anticipated.

* "Survey fields in waste lands are on no account to be Sub-divided, for any division of liability to assessment on such fields to be recognized. Parties applying for waste lands in demarcated tracts must take them up in entire fields as the survey has fixed them."—Board's Circular No. 4,261, 7th August 1861.

TANK AYACUT ADJUSTMENT.—Attention was paid to this branch of duty, and the revision extended to 6,016 fields which were brought either to "wet" or "dry" according to their nature and capabilities.

6. OFFICE WORK.—The extra establishment retained, as abovementioned, performed a large amount of the detail Office work necessary for the preparation and issue of the rough puttas containing the new rates recently sanctioned. To give full details would be of but little benefit, so I will merely briefly show below the main items of account work performed:—

Particulars.	No. of Villages	No. of Fields.
1. Calculating the fieldwar assessment	367	2,49,261
2. Examination of do.	373	2,55,451
3. Entering areas of the new Survey fields in the rate books	151	8,668
4. Examination of Amarakum accounts	403	3,07,864
5. Comparison of Curnum's Inam accounts with the Inam Register ...	104	7,070
6. Writing out Asamiwar Registers	476	2,25,518
7. Comparison of do.	463	2,22,359
8. Preparation of Ayuzas	264	1,24,140
9. Comparison of do	109	70,846
10. Writing out Settlement Tickets	362	89,556
11. Comparison of do.	362	89,556

The necessary work having been thus completed for the Guntoor and Sattenapulli Taluqs, Mr. Cox was enabled to introduce the new rates therein with the following results:—

Taluqs.	As per Beriz of Fasli 1282.	As per new Settlement.	Difference.
Guntoor	3,85,079	4,02,751	+ 17,632
Sattenapulli	3,52,075	3,46,055	— 6,020
Total...	7,37,154	7,48,766	+ 11,612

7. The new rates were also introduced into fourteen villages of Repalli and twenty of Bapatla, and one of these taluqs might have been altogether out of hand before the close of the year, had not the dry assessment in those villages, the grouping of which had been subsequently raised, appeared too heavy, and to need the modification at once accorded by the Board* upon my representation. As it was, Mr. Cox managed within the fasli to complete these two most important taluqs yielding over a lakh of Rupees increase by the new settlement.

* Board's Proceedings, 2nd June 1873, No. 918.

8. *Expenditure.*—There is necessarily a considerable increase in the outlay, as not only was the temporary establishment retained from the month of July, but the Deputy Director's salary was likewise newly debited to this party—

	Amount.
	Rs.
Last year	8,803
In this year	24,745
Increase ...	15,942

Government may remember that it was originally intended that the new rates should be introduced by Mr. Wilson, C. S., by whom they were framed, but owing to his absence on sick leave, the task was entrusted to Mr. Cox.

9. Cuddapah and Kurnool.—Major Stuart had temporary charge throughout the year of this our largest party, and the operations to be superintended, as will be now seen, were both various and important. Outdoor work in the Kadiri Taluq was completed early in the year, and the field hands who carry on demarcation and classification simultaneously on the combined system, pushed on into Pulivendla, the only taluq in the district remaining to be dealt with. By the close of the year 2rds of this latter taluq were completed.

10. *Demarcation.*—The results of this branch, both detail and hill boundary, are given below for each taluq:—

Taluq.	During last year.			During this year.			Difference.
	Demarcation in detail.	Khundum demarcation of jungles and hills.	Total.	Demarcation in detail.	Khundum demarcation of jungles and hills.	Total.	
Jammalamadugu ...	...	14,461	14,461	...	14,461	14,461	— 14,461
Pondicherry	...	51,405	51,405	...	51,519	51,519	— 51,405
Cuddapah	...	4,98,006	4,98,006	...	...	...	— 4,98,006
Ryacherly	...	39,204	39,204	...	...	...	— 39,204
Badvel	840	11,155	11,995	...	51,519	51,519	+ 40,364
Sidhout	...	3,570	3,570	...	28,205	28,205	+ 24,635
Venkatad	30	58,111	58,141	...	16,720	16,720	+ 41,301
Moddenpally	2,941	4,262	7,203	...	...	...	— 4,262
Kadiri	3,88,611	6,41,392	10,30,003	3,22,098	2,59,774	5,81,872	— 3,19,294
Pulivendla	...	...	...	2,50,693	85,797	3,36,490	+ 3,18,465
Total Acres...	3,72,428	13,21,756	16,94,184	5,72,791	7,37,007	13,09,798	— 5,84,749
Square miles	582	2,065	2,647	895	1,151	2,046	— 914
Boundary Demarcation of Agraharams ...	...	17,498	17,498	...	11,784	11,784	— 5714
Square miles	...	27	27	...	18	18	— 9

Although there is a falling off in the outturn when compared with that of the year preceding, there are fair reasons for this deficiency. Thus, as regards the detail work, there was the move from Kadiri into Pulivendla which unavoidably sacrifices working days, the fact of the men suffering from the fever contracted latterly in Kadiri, the employment of several hands on special work connected with the Settlement, and certain vacancies not being filled up owing to the threatened abolition of this portion of the party. I cannot help thinking that this impending abolition had much to do with the falling off; as to expect men to work with a will, when they know that simultaneously with the completion of their task comes their own official dissolution, is to expect what is manifestly contrary to human nature.

11. *Demarcation marks erected.*—The following particulars give the number and kind of demarcation stones set up during the past and previous years. As the demarcation itself falls off owing to the reasons above given, the stones naturally show a corresponding decrease. It must, however, be pointed out that the falling off in the field stones is also attributable to the Pulivendla fields running larger, and requiring consequently fewer marks to be expended thereon :—

Items.	Last year.	In this year.	Difference.
Theodolite boundary pillars	238	166	— 72
Do. secondery	2,525	2,020	— 505
Khandam pillars	26,452	19,329	— 7,123
Other marks	6,315	4,240	— 2,075
Field stones	3,36,208	2,35,583	—1,00,625

The total cost to the ryot of planting each kind of mark is given below. The field stones seem somewhat dear at the price, but this, Major Stuart observes, is owing to the Pulivendla Taluq not being favourably circumstanced as regards quarries :—

Items.	Amount.
	Rs. A. P.
Boundary stones	0 3 0
Khandum do.	0 8 0
Boundary and Khandum auxiliaries ...	0 8 0
Field stones	0 2 5

When taking a tour in Pulivendla with Major Stuart in July last, I found the detail demarcation being carefully attended to, and the boundary marks all that could be wished. The field stones might have been squarer and more shapely, but they are of good quality, quarried by fire, and firmly imbedded in the ground. I should certainly have liked to have seen them as neat as Mr. Rundall's in Nellore, or as Mr. Clogstoun's in Salem, but the difficulty in obtaining stone-cutters, and unwillingness to put the ryots to more expense than could be helped, were the causes that militated against this result in Cuddapah.

12. *Average daily results.*—When the rate per man, per diem, is seen, the results must be deemed satisfactory, as they give 94 stones and acres combined as each man's average daily outturn, this is better than the year previous, and we certainly cannot fairly expect more.

Items.	Last year.	In this year.	Differences.
Demarcation acres	42	52	+10
Number of stones	38	42	+4
Total ...	80	94	+14

Again, it is satisfactory to note that the number of stones put down comes to only one for every $1\frac{1}{4}$ acre, thanks to the more decent size of the fields in Pulivendla which not only brings about this result, but lightens the cost to the ryot. The actual cost of the demarcation in the Cuddapah party comes to Rupees 37-8-4 per square mile which stands below that of the year preceding.

13. *Hill Demarcation.*—There is a large diminution under this head, which is in truth more a matter of account than of real falling off, as the hands were mainly engaged on District and not on Village boundaries, so that the area completed cannot, in the former case, be brought to account as in the latter, owing to merely strips of villages being dealt with when defining the district boundary. Exertions were made to complete the line of boundary along the Hill ranges between the Provinces of Nellore and Cuddapah, as Colonel Priestley was anxious that the sketches thereof should be furnished, in order that the Survey District Maps might be completed. I have already mentioned in former reports how many impediments, such as dread of fever and tigers, distance from *any thing like a* dwelling, and difficulty of obtaining food and water, surround this task; but in the present cases, numerous important boundary disputes, hitherto quiescent, likewise sprang up when the true line had to be regularly marked out. Moreover, when I say that some of these questions were connected with the Calastry authorities, with whom any settlement or adjustment is proverbially tedious and complicated, I need not discuss the matter further, than by mentioning that it took Mr. Baber, an energetic young officer, with powers under the Act, about four months to settle five of these disputes. However, by the close of the year, the line was, it may be said, completed throughout Budvel and Sidhout, a distance of about sixty miles; and the only portion unsettled in Pullumpett, the remaining taluq, was owing to the Conservator of Forests having re-opened a point which could only be settled by the Collector and Major Stuart ascending the hills and seeing the tract themselves, as they did soon after the beginning of the current year. Besides the above, Major Stuart completed the line through the Balapully Jungle, connecting V oilpad with Pullumpett, and also the line over the Palankondah hills in Pulivendla.

14. *Classification.*—The drawbacks which told against demarcation likewise affected classification, although to a less extent, and, as already mentioned, the result shows well. From what I have seen of the work in Cuddapah, the soils appear to have been correctly classed, and leniency, rather than undue strictness, seemed to properly characterize the procedure.

Taluqs.	Last year.		In this year.		Difference.	
	Acres.	Sq. mls.	Acres.	Sq. mls.	Acres.	Sq. mls.
Voilpad	42	...	...	...	—42	...
Muddenpully	3,726	6	...	...	—3,726	—6
Rayachoty	232	...	868	1	+636	+1
Kadiri	4,18,714	654	2,97,358	465	—1,21,356	—189
Pulivendla	...	...	2,13,042	332	+2,13,042	+332
Total	4,22,714	660	5,11,268	799	+88,554	+139

15. *Experiments in outturn of crops.*—Attention was paid to this matter, and 1,262 tests were made this year against only 491 the year before. Of course the more of these experiments that are made, the greater the facility for hereafter framing the grain values upon which the assessment is to be based.

Wet	168
Dry	1,094

16. *Measurement of minor holdings.*—This task always a tedious one, owing to the scattered nature of the work and the apathy of the Carnams went on better in Cuddapah and Jammalamadugoo than during the year preceding, but fell off in Pullampett, the Carnam's time being much occupied with the preparation of Accounts required for the Settlement Report submitted for that taluq as above-mentioned. The total number of minor holdings turned out was 20,807 as shown below:—

Taluqs.	Last Year.		In this Year.		Difference.	
	No. of Survey fields.	Minor holdings.	No. of Survey fields.	Minor holdings.	No. of Survey fields.	Minor holdings.
Jammalamadugoo	2,030	5,549	3,241	9,208	+1,211	+3,659
Pullampett	5,368	16,155	2,132	6,541	—3,406	—9,614
Cuddapah	...	...	1,851	5,148	+1,851	+5,148
Total	7,398	21,703	7,224	20,897	—344	—807

17. *Restoration of Demarcation.*—The marks in that portion of the district first demarcated were of the well known Cuddapah blue limestone; they were no doubt fine marks, but almost too long and too large, so that in some instances they had toppled over of themselves in the loose black cotton soil, and in others had been knocked over by carts, etc. As the present was just the opportunity for setting matters right, I obtained the necessary aid from the Collector and Colonel Priestley, and thus during the past year, stones to the number of 57,063 were either re-buried or re-placed where missing. Major Stuart reports that he found these renewed marks in the villages he visited "well sunk and firmly imbedded in the ground," though better in Cuddapah than in Poddatoor.

18. *Office Work.*—Major Stuart's indoor hands had plenty to do with the preparation of the Report for the three eastern taluqs, and amongst other tasks, worked out the necessary details appertaining to 1,61,501 fields.

19. *Earned.*—The small staff working under the Uncovenanted Assistant, Rajahgopaul Iyengar, not only performed the following field work, but also introduced the New Settlement into the Pattikonda* Taluq with unusual rapidity:—

Items.	Acres and Stones.
	Acres.
Area demarcated in detail	3,620
Do. on Khandums do.	2,221
Do. classified do.	3,466
Do. surveyed do.	3,826
Number of stones put down on village boundaries ...	23
Do. on Khandums	27
Do. field stones	3,789

* *Vide* Board's Proceedings, dated 24th April 1873, No. 639.

In addition to the above, the Land Registers of the taluq were written up for printing and the Inam excess areas duly calculated. All the printed registers of Kurnool proper were forwarded to the Collector, but the Survey maps are not as yet available.

20. The outlay of the Kurnool and Cuddapah Party amounts to Rupees 1,68,484, or Rupees 5,638 over the expenditure of the preceding year. This is chiefly owing to the additional Establishments entertained for the introduction of the new Settlement into the Pattikonda Taluq of Kurnool, and to Acting Deputy Director's military allowances being higher, now that he has attained the rank of Major.

21. North Arcot and Nellore.—Mr. Rundalls' partly, like that in Cuddapah, works under the combined system, carrying on classification and demarcation simultaneously, and made satisfactory progress. It was mainly engaged in the Chittoor Taluq of North Arcot, the Chandragiri Taluq having been well nigh finished the previous year. The outturn under both heads for 1872-73 stands thus—

Items.	Taluqs.	Last year.		In this year.		Difference.	
		Acres.	Square miles.	Acres.	Square miles.	Acres.	Square miles.
Demarcation.	Chandragiri ...	1,58,784	242	7,986	13	—1,46,798	— 229
	Chittoor ...	11,426	18	1,50,047	234	+1,38,621	+ 216
	Total...	1,66,210	260	1,58,033	247	— 8,177	— 13
Classification.	Chandragiri ...	44,073	69	3,672	6	— 40,401	— 63
	Chittoor ...	3,428	5	75,959	118	+ 72,531	+ 113
	Total...	47,501	74	79,631	124	+ 32,130	+ 50

The small falling off in demarcation is amply compensated for by the increase in classification.

22. Demarcation.—The demarcation is, agreeably to the orders of Government, carried on in precisely the same manner as that executed by the survey. The stones are all of good granite, neatly and uniformly shaped, with the broad arrow cut thereon; the number of each kind planted during the year is shown below, and exhibits a considerable increase over similar work of the year preceding:—

Items.	Number of Marks.		
	Last year.	In this year.	Difference.
Tri-junction pillars ...	109	110	+ 1
Boundary offsets ...	7,210	7,033	— 177
Khandum stones, etc. ...	...	2,669	+ 2,669
Field marks	1,45,839	1,97,811	+ 51,972
Total...	1,53,158	2,07,623	+ 54,465

From the foregoing it may be gathered that one stone has on the average to be put down to every three-quarters of an acre, so that the fields run much smaller than in Cuddapah. I saw the work in several villages, and also at one of the quarries whence stones were taken; all seemed satisfactory. Mr. Rundall still arranges that the ryots should be supplied with field stones at 10 for the rupee, including cutting the broad arrow; he has also been able to avoid employing contractors or giving advances, which are afterwards so troublesome to recover.

Particulars	Last year.	In this year.	Difference.
	Rs.	Rs.	Rs.
Demarcation	21	26	+ 5
Stones	55	55	...
Total...	76	81	+ 5

23. *Rate of Demarcation work per man, per diem.*—This shows also better than during the year preceding, and considering the careful way in which Mr. Rundall's hands work, the daily out-turn of acres and stones for each individual must be deemed satisfactory.

24. *Classification.*—As already mentioned, there is a good increase in this branch of work. It is true that the daily rate only comes up to 56 acres for each man, but it must be remembered that the inquiries as to transfers from wet to dry and *vice versa*, as to the facilities for growing two wet crops year by year, and as to any evasions of Land Revenue are made during the progress of classification, and thus unavoidably tend to decrease the daily outturn in acres 29.

25. *Miscellaneous items.*—Good progress was made in what may be termed the "collateral tasks." Thus 115 Boundary disputes were settled. The boundary demarcation of Hills, Shrotriums, Agraharums, etc., progressed. The marking out the one mile radius as ordered by Government* was carried on at three of the Railway Stations on the North East line; and 628† experiments were made in the outturn of produce.

* G. O., dated 28th June 1871, No. 1,167.
G. O., dated 5th October 1871, No. 2,527.

	No.
† Wet...	551
Dry	77
Total ...	628

26. *Bungows of Records.*—In the North Arcot District by an arrangement made with the District Officers, opportunity was taken of the presence of the classifiers for making something like a real "adingul ozymaish," or examination of cultivation. In other words, it was arranged that when in walking over the fields and examining their soils, the classifier saw any thing going on in the shape of evasions, he was to note the matter down for subsequent submission to the District authorities. An incidentally good point about this was that the Curnams, knowing this field war investigation was coming, hastened to bring to the credit of Government items that had not hitherto found their way there. The cases of unrecorded occupation, evasions of water-cess, second crop, etc., thus brought to notice were fully gone into by Messrs. Whitesides and Farmer, and, after adding the sums newly brought to "jumma" by the Curnams, as abovementioned, the results came to upwards of Rupees 10,000.

27. Nellore.—*Fieldwork.*—The only new out-door work that went on in Nellore appertains to a small area of unsurveyed land newly taken up, and to small tracts which the ryots wished to have dealt with at their own cost, the two items coming to about 300 acres.

Account work.—Good progress was, however, made under this head, and the Diglott Registers of the following taluqs were completed as under:—

Taluqs.	Number of fields.
Nellore	795
Atmakur.	7,393
Gudur	2,040
Kandukur	3,598
Ongole	28,756
Total...	42,582

A commencement was made just as the year closed, in the preparation of the the Accounts necessary for introducing the new rates into the principal division; and the assessment on the excess areas was calculated according to the Standard rules for 8,883 Inam fields in the Sub-division, the annual enhancement to revenue resulting therefrom being Rupees 7,044.

Taluqs.	Amount. Rs.
Kandukur	3,215
Kanigiri	908
Ongole	2,921
Total...	7,044

28. The cost of this party shows an increase of Rupees 324 as herewith given:—

Years.	Amount of expenditure.
	Rs.
In 1871-72	52,825
In 1872-73	53,149
Increase...	324

This slight increase is owing to Mr. Rundall having, as the year closed, retained a few of the extra hands for the introduction work in the principal division.

29. Salem and Coimbatore.—In the Salem District the work comprises revision of classification with the preparation of correct Land Registers, after which the introduction of the revised rates takes place as speedily as possible. The other duties performed *pari passu* with this main task, are renewal of demarcation, measurement of minor holdings, preparation of Land Registers, measurement and demarcation of newly occupied tracts, and revision of tank ayacuts.

30. *Revision of Classification.*—This primary duty shows very well, and exhibits a large increase over the previous year's results, as shown below. These operations were carried on in the Dharampuri, Kistnagiri, and Oossoor

Taluqs, and the rate obtained during each working day was above the standard of 120 acres for each field hand—

Taluqs.	Last year.		In this year.		Difference.	
	Number of fields.	Acres.	Number of fields.	Acres.	Number of fields.	Acres.
1	2	3	4	5	6	7
Salem	1,924	9,724	...	...	— 1,924	— 9,724
Namcul	7,651	31,083	...	...	— 7,651	— 31,083
Dharampuri	9,389	28,324	44,482	1,46,366	+ 35,093	+1,18,042
Uttonghorry	65,267	2,26,719	...	...	— 65,267	—2,26,719
Kistnagiri	...	...	55,224	1,81,302	+ 55,224	+1,81,302
Oossoor	...	...	24,700	76,984	+ 24,700	+ 76,984
Total ..	84,231	2,95,850	1,24,406	4,04,652	+ 40,175	+1,08,802

31. *New settlement brought into force.*—During the year in question, Mr. Clogstoun introduced the new rates into the Dharampuri and Kistnagiri Taluqs with the following results—As I have already reported upon these results in detail, I need now only give the former and new totals for comparison under "Wet" and "Dry."

To Board, dated 2nd Nov. 1872, No. 2,050.
" " 17th May 1873, " 1,015.

Taluq.	Description of land.	As per Revenue Accounts 1281 and 1282.	As per new Settlement.	Difference.	Per-centage.
Dharampuri	Dry	1,03,328	1,27,365	+ 24,037	+23
	Wet	43,402	49,583	+ 6,181	+14
	Total ..	1,46,730	1,76,948	+ 30,218	+21
Kistnagiri	Dry	84,804	93,568	+ 8,764	+10
	Wet	40,210	47,347	+ 7,137	+18
	Total ..	1,25,014	1,40,915	+ 15,901	+13
	Grand Total..	2,71,744	3,17,863	+ 46,119	+17

The entire district will be out of hand during the first half of the current Official year, and the results, in a revenue point of view, will be far happier than were anticipated when the sanction of Government was first accorded to the revised settlement.

32. *Restoration of demarcation.*—This measure, as authorized by Government, in their Orders of 22nd March 1871, No. 515, engaged much of Mr. Clogstoun's time and attention, and the manner in which the task has been performed entitles him to much credit, the marks are well shaped and firmly fixed. I have seen many villages in which this work of revival had been completed, and had every reason to be satisfied therewith. The number of new marks put down comes to 2,05,520, and the number of old marks re-placed to 82,635, thus exceeding the outturn of the year preceding, under both heads by over a lakh.

33. *Measurement of minor holdings.*—Here work falls off owing doubtless to the field hands having been much occupied with the renewal of demarcation as above explained. The total number of interstitial fields dealt with was 18,434.

34. *Diglott Registers.*—The preparation of these records related mainly to the Dharampuri Taluq, and the number completed is shewn below :—

Number of villages 498
Number of fields 67,784

New Demarcation.—This branch embraces the marking out, classifying, and surveying lands recently broken up, and 1,859 acres were thus dealt with during the year.

Office Work.—The introduction of the new rates into two taluqs necessarily involved a heavy amount of account work, the main items of which, it is alone necessary to detail as follows :—

Items.	Number of fields.			
	Dharam-puri.	Oossoor.	Kistna-giri.	Total.
Comparing the Registers with the Field books..	67,784	22,101	55,224	1,45,109
Writing out Chittahs with comparison	55,447	15,747	44,128	1,15,322
Calculation of assessment	59,635	19,705	51,758	1,31,098
Entering the same in the Register	59,635	19,705	51,758	1,31,098

Despatch of Maps.—The number of maps mounted and unmounted despatched from the Central Office was this year unusually large, the total being 9,460.

35. COIMBATORE.—The small staff under the immediate superintendence of the Acting Assistant Director, Mr. Cook, who works under Mr. Clogstoun's orders and supervision, began the Perindorai Taluq during the first week in July. The main task entrusted to this party is the classification of lands recently surveyed. The collateral duties which are much the same here, as elsewhere, I will also briefly touch upon.

36. *Classification.*—Out of the 210 villages in the Perindorai Taluq, Mr. Cook's operations extended to 102, and of this latter number, ninety-one villages were completed. The total area thus dealt with comes to 203,246 acres or 318 square miles as herewith represented.

Items.	Completed	In progress.	Total.
Number of villages	91	11	102
Number of fields	32,380	2,312	34,692
Area classified in acres	1,90,213	13,073	2,03,286
Do. in square miles	297	21	318

More might have been done, had not the restoration of missing stones, the measurement of minor channels and other "Perambokes"* to be deducted in

* "Uncultivable bits of land."

the Settlement, as well as the fact of the Great Southern of India Railway having altered the face of the country subsequent to the demarcation, all unavoidably tended to hinder matters.

37. MEASUREMENT OF SUB-DIVISIONS.—The Revenue authorities were very anxious that the small, but invaluable irrigating channels, chiefly from the Calingarayen Vaikal, should be deducted from the area of the fields in which they were situated, so that by being thus entered in the accounts as "Perumboke," they would remain inviolate, and unmajored by the landowners through whose fields they passed. The measurement and deduction of these small water-courses took place accordingly. Another important item under this head was the similar treatment of strips of cultivation alongside the Calingarayen itself, these strips having lately been taken up by the Department Public Work for the repairs and maintenance of this water course. The total work of the year including minor divisions of all kinds stands thus:—

Number of Villages.	Survey fields.	Minor holdings comprized in said Survey fields.
63	1,451	3,897

38. RESTORATION OR DEMARCATION.—The Perundorai ryots had been terribly negligent as regards taking any care of the demarcation, and in fact in wet lands the stones had, to a considerable extent, disappeared altogether. As the present was the only satisfactory opportunity ever likely to occur of restoring them, I arranged that Mr. Cook should undertake the task simultaneously with the classification, and as he carried on this work of revival with both energy and discretion, the result has been satisfactory. With regard to the stones themselves, Mr. Cook thus gives his opinion of them—"I have personally inspected re-demarcation in many wet villages, and can testify that the stones are all that can be desired, being good, substantial, and well chiselled, 2 feet × 6 × 6 in dimension." The number of marks thus newly planted, and old stones replaced, are herewith shown—

	Rs.
Number of stones newly planted	12,889
Do. of old stones properly fixed	17,007
Total...	29,596

Tyres.—Experiments to ascertain out-turn on various soils were made to the number of 1,062. Of these, 579 belonged to dry and 483 to wet lands. As regards the latter, the yield approximates pretty nearly to that of Salem and Trichinopoly; but unfortunately the dry grain harvest was an unusually light one.

Omission on part of Cultivators.—When visiting the work going on in Perumthorai, it was brought to my notice that in some instances the classifiers had observed that water-rate was omitted to be charged on dry lands irrigated by the Calingarayen, and that land locally known as "Ulkalli Perumboke" was also in some cases tilled, free of charge. After communicating with Mr. Wedderburn, arrangements were made to set matters right for the future.

39. *Cost of Salem and Coimbatore parties.*—The total outlay during the past year comes to Rupees 68,573 or Rupees 388 less than that of the year preceding; thanks to some slightly better arrangement as to Office work, and to less outlay on printing.

40. CHINGLEPUT.—The small party at work in this district under my immediate control completed the Trivellore Taluq, and at once began to prepare and to tabulate the information necessary for the Settlement scheme* of the principal division comprising the Sydapett, Ponnery and Trivellore Taluqs. It is true that these data could to a large extent have been drawn up by extra hands under the supervision of trained employés, but as a recess was due to the field hands after their long spell of out-door work, and as a new taluq was not ready for them by the survey just at present, it was found the best plan to employ them in office.

* *Vide* Orders of Government, dated 7th February 1872, No. 254.

41. *Classification.*—The outturn of the year as compared with its predecessor exhibits an enhancement which may be deemed satisfactory:—

	Area classified in	
	ACRES.	SQ. MILES.
Last year	1,41,090	220
This year	1,53,597	240
Difference...	+ 12,507	+ 20

One Head Classifier, two Classifiers, and a few Volunteers were added this year to the party, which accounts for the increase now found.

42. *Minor Holdings.*—The measurement of interstitial fields was carried on concurrently with classification by paid Volunteers attached to the Classifiers who supervise, and are responsible for the correctness of the measurements. Aided by the field sketches and external measurements supplied by the Survey as shown in the margin, this branch of work progressed satisfactorily, the results of the year under report showing an enhancement of 15,062:—

11,449 Survey fields.

	Number of	
	Survey fields.	Minor holdings.
Last year	21,982	68,013
This year	25,507	83,343
Increase...	3,525	15,330

This is partly due to the number of volunteers being increased from fourteen to nineteen. I may here mention that the Sub-divisions, above given, were actually measured, and their areas calculated and recorded in the Classification

Registers. This is the item that last year Colonel Priestley, quite wrongly, as was subsequently shown, characterized in his letter to the Board as an "exaggerated* statement." Three hundred and fifty-five experiments of produce were made in wet paddy.

* Board's Proceedings, dated 21st Sept. 1872, No. 1,886.
Do. dated 6th January 1873, No. 11.

43. *Account work.*—As already stated, immediately field work in Trivellore was completed, the account work began, and the results during these last two months of the year thus spent, are as follows. I give only the main items:—

Items.	Number of Villages.	Survey numbers.
1. Comparison of Classification Registers with the Adungal Accounts ...	138	37,922
2. Preparing Correction lists of the same	135	9,432
3. Preparation of Khatavani according to the Survey areas	57	10,503
4. Comparison of do. with Curnam's accounts	10	1,964
5. Preparing abstract on the Survey areas	10	1,964

The details as to "Government," "Inam," "Peramboke," "Dry," "Wet," "occupied" and "unoccupied," etc., having been necessarily recorded upon the basis of the fasli in which the various villages were classified; the proposed results of the three taluqs could not be compared with those of any one fasli, and, as this would cause confusion, the Classification Registers will be made to tally with the Adungal of Fasli 1282 by introducing all the subsequent changes; thus enabling us to work upon one and the same year's data for all three taluqs. The new Survey areas were introduced into the Trivellore Taluq, and the classifiers brought to the notice of the Revenue Authorities any evasions of water-rate, second crop, etc., that they came across. The Curnams of the outlying Sutwaide and Nagalapuram Divisions, knowing that such would be the case, were especially careful in charging items that might otherwise have escaped.

44. *Cost.*—The charges appertaining to this district were, as in the previous years, debited to the budget allotment of the other parties up to the end of August last, but from September the small Establishment was maintained as a distinct Settlement Party, under G. O. No. 1,258, dated 29th August 1872. The total outlay incurred during the year amounts to Rs. 17,073 against Rs. 15,582, or an enhancement of Rupees 1,491 over the preceding year, owing to the Uncovenanted Assistant's pay being increased, and to the entertainment of one Head Classifier and two Classifiers as already mentioned.

45. *Trichinopoly and Godavery.*—During the year under report, no outlay was incurred under the head of Printing Charges on account of Trichinopoly, although the Selections from the Settlement Reports, etc., are still in the Press. These Selections for Godavery were completely printed at an expenditure of Rupees 610.

46. *Tinnevelly.*—Although the Settlement work in this district was carried on under the supervision of the Collector, the cost is debited to the Settlement Department Budget, and a portion of the expenditure of the first half of the year is, as in the preceding year, debited to Chingleput. The particulars are as follows:—

Districts.	Amount.
	Rs.
Tinnevelly	23,119
Chingleput	2,972
Total...	26,091

It will be observed that this sum is much in excess of the amount of the preceding year, but the fact of Mr. Puckle being now engaged in actually introducing the Settlement into Tinnevelly will sufficiently account for the enhancement

47. COMPARISON OF THE TOTAL OUTTURN AND OUTLAY WITH THOSE OF THE PRECEDING YEAR.—In the appendices A and B. annexed to this report, the area demarcated and classified in each taluq, the cost thereof, and the number of field and village boundary marks erected are compared with similar details for the year preceding; but I subjoin an abstract of these Statements in order that the total results for the year may be seen at a glance.

Abstract of Appendix A.

Districts	Demarcation				Classification				Total.		Difference between Columns 14 and 15
	Extent in square miles.		Expenditure.		Extent in square miles.		Expenditure.				
	1871-72.	1872-73.	1871-72.	1872-73.	1871-72.	1872-73.	1871-72.	1872-73.	1871-72.	1872-73.	
	5	6	7	8	9	10	11	12	13	14	15
			rs.	rs.			rs.	rs.	rs.	rs.	rs.
Cuddapah	44	6	1,844	1,844	355	49	28,580	26,736	30,424	28,580	— 1,844
Nellore	95	33	2,352	2,352	2,133	2,866	13,405	16,757	15,757	19,109	+ 3,352
Salem	2	4	5,374	5,168	722	6	6,236	6,236	11,610	11,404	— 206
Coimbatore	98	73	24,112	24,112	6	...	23,843	23,843	47,955	47,955	...
North Arcot	...	...	1	1	124	3	6,517	6,517	6,518	6,518	...
Salem	...	...	6,672	6,672	51	3	63,178	63,178	69,850	69,850	...
Coimbatore	...	...	1,371	1,371	...	...	...	...	1,371	1,371	...
Chingleput	...	...	...	...	240	240	15,892	17,078	15,892	17,078	1,186
Tinnevelly	...	...	...	...	...	...	405	...	405	...	— 405
Total	244	122	41,724	41,456	3,631	3,167	1,58,068	1,60,341	1,99,792	2,01,797	+ 2,005
Charges not debitable to parties, viz., cost of Settlement Establishment under the Collector of Tinnevelly									1,186	1,186	...
Grand Total									2,00,978	2,02,983	+ 2,005

48. From the foregoing Abstract A. it will be gathered that on the whole the area demarcated exhibits a falling off, whilst the expenditure shows a trifling increase as specified in the margin. The chief cause of decrease is due to so many hands being employed on the definition of the district boundary line between Cuddapah and Nellore as requested by the survey. The slight enhancement in expenditure is owing to the unusually long time occupied, as already explained, in the settlement of numerous intricate boundary disputes which cropped up during the progress of this Hill and Jungle demarcation; and also to the employment of hands on the restoration of demarcation marks in Salem, Coimbatore and Cuddapah. Classification, on the other hand, presents more favourable results, as the outturn is in excess of that of the previous year. So also was the expenditure, but this includes the cost of introducing new Settlements, the preparation of Digloit Registers, and the revision of Tank Ayacuts. The increase in classification is due chiefly to the commencement of operations in Coimbatore, and to the work in Chingleput shewing better than in the previous year.

Year.	Demarcation.	
	Extent in square miles.	Expenditure in.
		rs.
1871-72	2,358	89,193
1872-73	1,420	89,573
Difference ...	— 938	+ 380

Years.	Classification and Assessment.	
	Extent in Square miles.	Expenditure in.
		rs.
1871-72	984	1,63,701
1872-73	1,496	1,83,066
Increase...	512	19,365

49. Village and Field Boundary Marks.—Next comes the Abstract Statement B. above referred to.

	Items.	1871-72.	1872-73.	Difference.
Village Boundary.	Number of Villages...	474	573	+ 99
	Khundums or Sub-divisions	1,842	1,485	— 357
	Tri-junctions { Regular work...	347	277	— 70
	Tri-junctions { Renewal { New stones planted	...	27	+ 27
	Tri-junctions { Renewal { Old stones firmly fixed	...	4,757	+ 1,757
	Secondaries	2,525	2,159	— 366
	Other marks on Village Boundaries { Regular work	13,525	11,280	— 2,245
	Other marks on Village Boundaries { Renewal { New stones planted	...	130	+ 130
	Other marks on Village Boundaries { Renewal { Old stones firmly fixed	...	2,571	+ 2571
	Marks on Khundums	26,569	25,557	— 1,012
Field Boundary.	Number of Villages	440	524	+ 84
	Villages divided into Khundums. { Number of Villages ...	134	462	+ 328
	Villages divided into Khundums. { Number of Khundums	1,593	2,069	+ 476
	Number of fields marked out. { Regular work	1,04,808	1,21,877	+ 17,069
	Number of fields marked out. { Renewal { New stones planted	...	67,290	+ 67,290
	Number of fields marked out. { Renewal { Old stones firmly fixed	...	19,429	+ 19,429
	Number of field marks. { Regular work	5,03,256	4,48,140	+ 55,116
	Number of field marks. { Renewal { New stones planted } { Old stones firmly fixed ... ... }	1,19,038	{ 2,23,568 } { 1,40,791 }	+ 2,51,271

The diminution observable in the number of marks erected on Village Boundaries is due to the Cuddapah Party having worked in more open tracts than in the preceding year, so that intermediate stations at short distances were not required as in hilly, wooded country. The smaller number of field marks arises from the fields running larger in Pulivendla, than in Khadri, where last year's work was carried on. These remarks apply to the regular demarcation, the number of marks used in the revival depending more upon the manner in which the original demarcation was conducted, and the number of stones remaining firm and uninjured.

50. Comparison of actual outlay with Budget grant.—The subjoined Statement shows that the total expenditure is in excess of the budget allotment by Rupees 28,759. It will be gathered from the details that the expenditure in Kistna, Kurnool and Tinnevelly has exceeded the budget estimate in consequence of the commencement of the introduction of the new rates into these districts. The establishment employed in the Chingleput District was also formed during the latter half of the year into a separate party, under Government Order, No. 1,258, dated 29th August 1872, which accounts for the enhancement in this instance. In the other districts, however, the outlay is below the sanctioned amount. The grant would not have been exceeded had the Budget estimate been passed as originally submitted, but Government having reduced the sum to Rupees 2,83,000, and the Accountant-General having also struck off Rs. 16,000 from the above sanction, the final allotment proved insufficient.

Districts.	Sanctioned amount for the year 1872-73.	Actual expenditure in 1872-73.	Difference.
General Office	48,340	47,319	— 1,021
Kistna	8,160	21,098	+ 12,938
Salem and Coimbatore	68,000	59,829	— 8,171
Kurnool and Cuddapah	84,400	88,075	+ 3,675
Nellore and North Arcot	46,000	43,809	— 2,191
Chingleput	...	6,869	+ 6,869
Total...	2,54,900	2,66,999	+ 12,099
Tinnevelly	21,100	26,048	+ 4,948
Total...	2,76,000	2,93,047	+ 17,047
Deduct as per Accountant-General's letter of 29th June 1872, No. 2,656...	16,000	...	16,000
Remaining...	2,60,000	2,93,047	33,047
Printing Charges Provincial ...	7,000	2,712	— 4,288
Total...	2,67,000	2,95,759	+ 28,759

51. Survey areas received from, and demarcation records handed over to the Survey Department.—The accompanying Statement shows the number of villages for which survey areas were received during the year under report:—

Districts.	Taluqs.	Number of villages.	Acres as per survey.	Square miles.
Kurnool	Pattikondah	68	4,86,435	760
	Koilcuntla	1	12,737	20
	Total...	69	4,99,172	780
Cuddapah ...	Jummulamadoogoo ...	2	11,913	19
	Cuddapah	4	35,988	56
	Total...	6	47,901	75
	Grand Total...	75	5,47,073	855

The Demarcation Records of Voilpad Taluq, comprising 670 square miles, were handed over to the Survey Department, whilst those of Muddenpully and the greater portion of Khadri embracing 2,602 square miles were prepared for transmission on application.

52. With reference to paragraph 13 of Government Proceedings, dated 30th June 1870, I may mention that I visited Kurnool once, Cuddapah thrice, North Arcot once, Chingleput twice, Salem four times, Coimbatore once, and Trichinopoly once, being thus absent from Head-quarters on duty ninety-eight days during the past year.

53. General Remarks.—There has, throughout the year, been excellent feeling between the District authorities and ourselves, and in fact, were this not the case, work would hardly go on satisfactorily or speedily. Had it not been for Mr. Leman's aid in the Kistna, Mr. Cox could not have done so much in the way of introducing the new rates; and in Chingleput, Mr. Barlow and his highly spoken of Deputy-Collector, Vencatessiah, have helped me in every way. I should much like to see the plan adopted in Trichinopoly of securing for each settled taluq one of our trained hands, followed elsewhere. Mr. McDonell nominated one of Mr. Packle's men to each taluq, and as Collector I derived much benefit therefrom, as there was by this means, always at the Tahsildar's elbow, one who was "au fait" at all the recent procedure, and who could give correct information on every detail. Some of our field hands would naturally, from their previous apprenticeship, make first rate Revenue Inspectors, or Taluq Gumastahs, and the only trouble is about the examinations. Considering, however, their full knowledge of what is really required of them, their consequent use to the Tahsildar, and their previous hard work both in field and office, they might be specially exempted.

54. Conclusion.—I have to thank the Deputy-Directors for their exertions during the past year, and also for their ready attention to my wishes. Major Stuart, and Mr. Rundall had considerably harder work than usual, but they made way against it, and the latter's well known industry and efficiency have been lately recognized by Government. Mr. Cox has, in spite of several drawbacks, pushed on the introduction of the new Settlement into the Guntur Division with much energy, and both he and his office appear to have had no easy time of it, attending before, and staying after regular hours in order to complete the accounts. The Department has received a valuable addition in Mr. Clogstoun, whose capability of standing the sun renders him as good in the field as he is in the office. Of the three Assistants, Messrs. Cook and

G. O., 31st March 1873, No. 374.
Do. 12th May 1873, No. 467.

Clerk have both done a good year's work, and Mr. Mayer, since his return from England in January, has been uninterruptedly amongst the remote villages in which his party were working. Major Stuart justly speaks favourably of Mr. Pedroza who had charge of one of the field parties in Cuddapah. Mr. Rundall also brings prominently to notice the great aid he has received from the Head of his office, Balaji Row, B. A., and it is only due to the First Uncovenanted Assistant J. Lakshmikanta Raz that I should here acknowledge the very valuable assistance he has rendered me throughout the year.

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 1872-73.

KISTNA DISTRICT.

Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Ayacut area in square miles.	Actual detail work in square miles.	Cost of field work.	Cost of work in the office.	Local Superintendance.	Central Office proportion.	Total.	Average cost per square mile.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Demarcation.	Repalli	...	...	...	20	...	22	9	50	...	... ...
	Bapatla	...	...	6	196	...	204	85	482	...	... ...
	Guntoor	...	...	1	20	...	21	9	50	...	... ...
	Sattenapalli	...	...	2	68	...	59	25	142	...	... ...
	Narasaraopeta	...	...	1	90	...	92	39	221	...	... ...
	Total	...	...	10	394	...	398	167	945	...	... ...
Classification.	Repally	...	...	...	20	2,550	2,635	1,120	6,925	...	... ...
	Bapatla	...	...	1	96	1,258	1,491	635	3,580	...	... ...
	Guntoor	...	...	1	20	3,525	3,635	1,545	8,725	...	... ...
	Sattenapalli	...	...	3	58	1,109	1,197	505	2,872	...	... ...
	Narasaraopeta	...	...	2	90	500	605	257	1,452	...	... ...
	Vinukonda	...	...	...	...	88	90	38	216	...	... ...
	Palnad	...	...	...	...	26	27	10	63	...	... ...
	Total	...	...	7	384	9,456	9,680	4,113	23,233	...	... ...
	Printing charges and mounting Maps	...	...	...	...	467	...	100	567	...	... ...
	Grand Total	...	...	17	778	9,923	10,074	4,280	24,745	...	... ...

(By Order.)

REVENUE SETTLEMENT OFFICE,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

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 1872-73.

KURNOOL DISTRICT.

Items.	Taluqs.	Number of Villages completed.	Number of Villages in progress.	Ayacut area in Square miles.	Actual detail 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.
						Rs.	Rs.	Rs.	Rs.	Rs.	R. A. P.
Demarcation.	Ramallakota ...	...	...	...	...	28	...	22	11	61	... ...
	Nandikotukur ...	...	...	...	...	13	...	15	7	40	... ...
	Nandiyal	...	...	...	...	2	...	1	1	4	... ...
	Marakapur ...	...	...	...	...	100	...	81	39	220	... ...
	Pattikonda ...	...	...	...	9	228	...	184	89	501	... ...
	Cumbum	...	...	...	...	729	...	589	283	1,601	... ...
	Koilcuntla ...	...	...	...	...	22	...	17	8	47	... ...
	Total...	...	...	...	9	1,127	...	909	438	2,474	... ...
Classification.	Ramallakota ...	...	...	...	...	...	3	3	1	7	... ...
	Nandikotukur ...	...	...	...	...	...	13	11	5	29	... ...
	Nandiyal	...	...	...	...	...	99	78	38	215	... ...
	Sirwell	...	...	...	...	...	84	68	33	185	... ...
	Pattikonda ...	...	...	...	5	134	4,847	4,018	1,935	10,934	... ...
	Total...	...	...	...	5	134	5,046	4,178	2,012	11,370	... ...
	Printing charges and mounting Maps	...	...	...	...	...	1,672	...	360	2,032	... ...
	Total...	...	...	...	...	...	6,718	4,178	2,372	13,402	... ...
	Grand Total...	...	...	...	...	1,261	6,718	5,087	2,810	15,876	... ...

(By order.)

REVENUE SETTLEMENT OFFICE,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

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 1872-73.

CUDDAPAH DISTRICT.

	Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Ayacut area in square miles.	Actual detail 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.
							Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.
Demarcation.		Jammulamadoogoo ...	...	...	...	...	362	...	292	141	795	... ...
		Poddutoor	...	...	...	...	290	...	234	113	637	... ...
		Cuddapah	...	...	...	...	351	...	283	136	770	... ...
		Sithoor	...	...	44	...	944	...	762	367	2,073	... ...
		Budvel	...	...	81	...	816	...	658	317	1,791	... ...
		Pullempett ...	...	...	...	...	697	...	562	271	1,530	... ...
		Rayachoty	...	...	...	...	331	...	270	128	729	... ...
		Vellood	...	...	26	...	252	...	203	98	553	... ...
		Muddenpally ...	...	...	...	...	510	...	411	198	1,119	... ...
		Kadur	40	...	503	111	8,913	...	7,188	3,463	19,564	... ...
		Pullivendla	64	25	497	364	9,006	...	7,262	3,498	19,766	... ...
		Total ...	104	25	1,151	475	22,471	...	18,122	8,730	49,323	42 13 7
		Cost of Boundary Pillars	...	...	...	...	1,868	...	...	...	1,868	... ...
		Total ...	104	25	1,151	475	24,339	...	18,122	8,730	51,191	44 7 7
Classification.		Jammulamadoogoo ...	...	...	...	...	497	24	348	168	947	... ...
		Poddutoor	...	...	...	...	...	28	32	11	62	... ...
		Cuddapah	...	...	...	...	500	42	437	211	1,190	... ...
		Sithoor	...	...	...	...	352	619	807	389	2,197	... ...
		Budvel	...	...	...	...	362	661	744	358	2,025	... ...
		Pullempett ...	...	...	...	...	896	922	1,466	706	3,990	... ...
		Rayachoty	...	...	1	1	70	...	61	29	166	... ...
		Vellood	...	...	...	...	177	...	143	69	389	... ...
		Muddenpally ...	...	...	...	...	305	...	246	118	669	... ...
		Kadur	40	...	405	97	3,752	166	4,775	2,299	12,990	... ...
		Pullivendla	64	24	393	288	7,492	158	6,170	2,972	16,792	... ...
		Total ...	104	24	799	386	14,310	2,550	15,218	7,330	41,417	51 13 5
		Grand Total ...	...	...	...	...	40,658	2,550	58,340	16,060	92,608	... ...

(By Order.)

REVENUE SETTLEMENT OFFICE,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

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 1872-73.

NELLORE DISTRICT.

	Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Ayacut area in square miles.	Actual detail work in square mile.	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.		Cost of Boundary Pillars	...	...	...	...	1	...	...	...	1	... ...
Classification.		Nellore	...	...	...	...	...	84	354	94	532	... ...
		Gudur	...	...	...	...	20	84	438	117	659	... ...
		Rapur	...	...	...	...	...	69	291	77	437	... ...
		Atmakur	...	...	...	...	...	167	703	187	1,057	... ...
		Kavali	...	...	...	...	...	56	236	63	355	... ...
		Udayagiri	...	...	...	...	...	64	269	72	405	... ...
		Kandukur	...	...	...	...	...	452	1,905	507	2,864	... ...
		Kanigiri	...	...	...	...	...	382	1,609	428	2,419	... ...
		Ongole	...	...	...	...	...	577	2,431	647	3,655	... ...
		Total ...	...	...	...	...	20	1,935	8,236	2,192	12,383	... ...
		Printing charges and mounting Maps	...	...	...	...	...	24	...	5	29	... ...
		Grand Total ...	...	...	...	...	21	1,959	8,236	2,197	12,413	... ...

(By Order.)

REVENUE SETTLEMENT OFFICE,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

APPENDIX A.—5.

Statement showing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for the Official year 1872-73.

SALEM DISTRICT.

Items.	Talugs.	Number of villages completed.	Number of villages in progress.	Area in square miles.	Actual detail work in square miles.	Cost of field work.	Cost of Office.	Local Superintendence.	Central Office proportion.	Total.	Average cost per square mile.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.
Demarcation.	Attur	...	...	...	1,176	...	903	447	2,526	...	... ...
	Salem	...	...	...	168	...	129	64	361	...	... ...
	Namcul	...	...	...	20	...	15	8	43	...	... ...
	Dharampuri	...	...	...	800	...	622	307	1,738	...	... ...
	Uttangarai	...	...	...	120	...	97	48	271	...	... ...
	Ossoor	...	...	...	370	...	284	141	795	...	... ...
	Kistnagiri	...	...	...	1,272	...	977	483	2,732	...	... ...
	Total	...	...	...	3,941		3,027	1,498	8,466	...	... ...
	Cost of Boundary Pillars	...	...	...	507	...	...	...	507	...	... ...
	Total	...	...	...	4,448		3,027	1,498	8,973	...	... ...
Classification.	Attur	...	...	...	50	153	163	81	456	...	... ...
	Salem	...	...	...	21	3,534	2,752	1,359	7,645	...	... ...
	Namcul	...	...	...	1	640	646	320	1,807	...	... ...
	Dharampuri	...	...	...	21	7,140	5,701	2,837	16,030	...	... ...
	Uttangarai	...	...	...	9	1,980	1,580	788	4,280	...	... ...
	Trichengode	...	...	...		606	405	230	1,301	...	... ...
	Ossoor	...	...	...	1	2,255	1,793	857	4,846	...	... ...
	Kistnagiri	...	...	...	9	5,974	4,151	2,016	11,350	...	... ...
	Total	...	...	...	111	22,192	17,191	8,481	47,918	...	... ...
	Printing charges and mounting Maps	...	...	...	...	12	...	3	15	...	... ...
	Grand Total	...	...	...	4,563	22,204	20,178	9,982	56,906	...	... ...

(By Order.)

REVENUE SETTLEMENT OFFICE, (Signed) J. LAKSHMIKANTA RAZ,
Madras, 30th July 1873. Uncovenanted Assistant.

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 1872-73.

Items.	Talugs.	Number of villages completed.	Number of villages in progress.	Area in square miles.	Actual detail 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.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.
		COIMBATORE DISTRICT.									
	Peradoras.										
Demarcation.	Demarcation	...	...	...	...	734	...	364	279	1,377	... ...
Classification.	Classification	91	11	318	318	4,625	...	3,552	1,759	9,936	31 3 11
	Cost of Printing charges and mounting Maps ...	...	...	...	...	...	131	...	28	159	... ...
	Total...	91	11	318	318	4,625	131	3,552	1,787	10,096	31 12 0
	Grand Total...	...	...	...	...	5,359	131	4,116	2,066	11,672	... ...
		CHINGLEPUT DISTRICT.									
Classification.	Sydapett	...	...	...	...	...	469	103	123	226	... ...
	Ponnery	5	...	4	4	2,204	...	484	578	1,062	... ...
	Trivellore	234	...	245	236	8,563	251	1,936	2,412	4,248	... ...
	Total...	239	...	249	240	10,766	720	2,523	3,013	17,023	63 5 9
	Cost of Mounting Maps ...	...	...	...	...	...	42	...	9	51	... ...
	Total...	239	...	249	240	10,766	762	2,523	3,022	17,079	68 9 1
		NORTH ARCOT DISTRICT.									
Demarcation.	Chandragiri	11	13	13	1	1,016	...	1,343	636	3,994	... ...
	Chittoor	270	67	334	145	9,141	...	7,694	3,666	20,495	... ...
	Gurryattam	...	...	...	...	...	...	30	18	104	... ...
	Total...	281	80	347	146	10,504	...	9,075	4,253	24,493	97 4 0
	Cost of Boundary Pillars ...	...	...	...	...	579	...	...	...	579	... ...
	Total...	281	80	347	146	11,183	...	9,075	4,253	24,412	893 13 4
Classification.	Chandragiri	21	13	6	6	1,704	209	1,588	763	4,264	... ...
	Chittoor	235	25	118	118	5,271	132	4,189	2,117	12,009	... ...
	Gurryattam	...	...	...	...	33	...	19	9	61	... ...
	Total...	276	38	124	124	6,998	341	5,796	2,889	16,324	131 10 4
	Grand Total...	...	...	...	...	18,181	341	15,071	7,143	40,736	... ...
		GODAVERY DISTRICT.									
	Cost of Printing Selections of Settlement Reports ...	...	...	...	...	...	502	...	108	610	... ...
		TINNEVELLY DISTRICT.									
	Cost of Settlement Establishments, etc...	...	...	...	...	...	...	...	...	23,113	... ...

(By order.)

REVENUE SETTLEMENT OFFICE, (Signed) J. LAKSHMIKANTA RAZ,
Madras, 26th July 1873. 1st Uncovenanted Assistant.

* NOTE.—The cost of demarcation in North Arcot looks high for the following reason. Railway Station demarcation within the one mile radius, the straightening of bends carried on with very great nicety, the amalgamating the payoots throughout two talugs, and the large number of boundary disputes settled (115) all tended to lower actual outturn. It was at one time contemplated to increase Mr. Randall's field hands, and thus lower cost per square mile during the year, but the deductions made in the Original Budget prevented this.

G. B.

APPENDIX.—B.

Comparative Statement showing the number and description of Boundary marks put down by the several Settlement parties for the Official year 1872-73.

Items.			Cuddapah. 1871-72.	Cuddapah. 1872-73.	Kurnool. 1871-72.	Kurnool. 1872-73.	Kistna. 1871-72.	Kistna. 1872-73.	Nellore. 1871-72.	Nellore. 1872-73.	North Arcot. 1871-72.	North Arcot. 1872-73.	Salem. 1871-72.	Salem. 1872-73.	Coimbatore. 1871-72.	Coimbatore. 1872-73.	Total. 1871-72.	Total. 1872-73.
Village Boundaries.	Number of villages		101	204	......	3	......	......	......	......	253	326	......	......	......	......	474	573
	Khandams or Subdivisions		1,842	1,480	......	2	......	......	......	......	......	......	......	......	......	......	1,842	1,482
	Triangulation pillars. Regular work		238	166	......	1	......	......	......	......	109	110	......	......	......	......	347	277
	Renewal work	New stones planted	......	27	......	......	......	......	......	......	......	......	......	......	......	......	......	27
		Old stones properly fixed	......	1,757	......	......	......	......	......	......	......	......	......	......	......	......	......	1,757
	Secondary do.		2,525	2,030	......	11	......	......	......	......	......	125	......	......	......	......	2,525	2,155
	Other marks of Village Boundaries. Regular work		6,315	4,384	......	11	......	......	......	......	7,210	7,035	......	......	......	......	13,525	11,430
	Renewal work	New stones planted	......	130	......	......	......	......	......	......	......	......	......	......	......	......	......	130
		Old stones properly fixed	......	2,571	......	......	......	......	......	......	......	......	......	......	......	......	......	2,571
	Marks on Khandam Boundaries		26,432	19,529	......	22	54	57	63	......	......	5,660	......	3,475	......	......	26,569	28,337
Field Boundaries.	Number of villages		382	129	......	2	62	62	......	......	246	331	......	......	......	......	690	524
	Villages divided into Khandams.	Number of villages	132	126	......	9	......	......	2	......	......	331	......	......	......	......	134	462
		No. of Khandams	1,591	1,397	......	5	......	......	2	......	......	667	......	......	......	......	1,593	2,069
	Number of field marks put down. Regular work		64,393	62,242	......	510	5,404	1,510	524	66	35,776	46,753	2,193	3,197	......	7,598	1,04,386	1,21,877
	Renewal work	New stones planted	......	......	......	......	......	......	......	......	......	......	......	67,890	......	......	......	67,890
		Old stones properly fixed	......	......	......	......	......	......	......	......	......	......	......	19,489	......	......	......	19,439
	Number of marks on field boundaries other than... Regular work		3,36,208	2,35,583	......	7,924	2,779	3,175	1,273	132	1,46,589	1,57,311	15,504	7,428	......	......	5,03,250	4,48,149
	Renewal work	New stones planted	......	6,425	......	......	......	......	......	......	......	......	1,19,653	2,05,580	......	18,589	1,19,653	2,28,595
		Old stones properly fixed	......	47,149	......	......	......	......	......	......	......	......		82,635	......	17,607		1,46,791

REVENUE SETTLEMENT OFFICE,
Madras, 26th July 1873.

(By Order,)

(Signed) J. LAKSHMIKANTA RAZ,
1st. Uncovenanted Assistant.

THIS report on the working of the Revenue Settlement Department in 1872-73 will be submitted for the information of Government.

2. The Director promises to submit in a separate communication a report of the effect of the revision of assessment in districts already settled as gathered from the Revenue returns of the year under review.

3. There were five parties employed during the year in eight districts. The Board will notice the work of these in the order of their importance.

4. CUDDAPAH AND KURNOOL.—The operations of this party were carried on in four tracts of country separately dealt with for settlement, viz., the three eastern taluqs of Cuddapah, the four sub-division taluqs and Pulivendla, the three northern taluqs of Cuddapah with Koilcuntla in Kurnool, and the Pattikonda taluq in the latter district. A portion of the party were employed in the last tract under the direct supervision of the Director, and the work in the remaining three was under the Deputy Director Major Stuart.

5. The report containing proposals for the settlement of the three eastern taluqs of Cuddapah, viz., Pullumpett, Sidhout and Budvel, is completed and in the press. The result is an increase of revenue from Rupees 753,894 to 8,42,561, or 12 per cent., made up of increase of 12½ per cent. in dry, and 9½ per cent. in wet.

6. The out-door work in the second tract is nearly finished the hands having moved during the year from Kadiri to Pulivendla and completed about two-thirds of the latter taluq. The report may therefore the Board presume be soon expected.

7. The scheme for the settlement of the third tract was sanctioned in G. O., 5th February 1873, No. 145, and some preparations seem to have been made for the introduction of the new rates.

8. There is considerable decrease in the amount of demarcation performed in these tracts which is attributed by the Director to the loss of time in moving from one taluq to another, to fever among the servants, and to relaxation of effort owing to impending abolition. The daily average area is however higher owing to the character of the country. The rates for stones are higher than in the previous year. Some difficult demarcation of district boundaries was carried out. 57,063 boundary marks in the northern tract were renewed, and the work is said to be good. The area classified was 21 per cent. in excess of the outturn for the previous year.

9. The revised rates for the Pattikonda taluq of Kurnool were introduced with success and expedition. The sanctioned scheme amounted to Rs. 2,19,054 being 17 per cent. above the old beriz; but the result of the settlement as introduced was a demand of Rupees 2,08,223, or 14 per cent. increase. The Settlement registers have been sent to the Collector but the maps are not yet ready.

10. The party second in importance is that employed in Salem and Coimbatore. The outturn of work in the former district was good. It consisted of revision of classification, and restoration of old demarcation both which items show considerable increase—the latter work being especially well done; the measurement of minor holdings, revision of ayacuts, etc. The new rates were also introduced into two taluqs. Dharampuri and Kistnagiri, the result being to

raise the revenue from Rupees 2,71,744 to Rupees 3,17,863 or 17 per cent. It was expected that the district would be completed in the first half of the current year. In Coimbatore operations were carried on in the Perindoral taluq, of which about half was classified, by a section of the party under Mr. Cook. Re-demarcation especially of porambokes, and channels and of lands affected by the Railway, was carried out, besides the usual measurement of interstitial fields, etc.

11. The party under Mr. Rundall for Nellore and North Arcot was chiefly employed during the year in the latter district. Demarcation and classification were carried on in Chittoor and Chandragiri taluqs, the outturn of work showing on the whole an increase over last year. The demarcation is said to be excellent in quality and the cost to the ryots is low. One hundred and fifteen boundary disputes were settled and tank ayacuts were revised. In Nellore District there was little field work. Proposals for the new settlement of the three taluqs composing the sub-division were submitted for sanction, the increase of revenue being 19 per cent. Preparations were also made for introducing the revised rates sanctioned for the Principal Division, in G. O., 6th March 1873, No. 267, Revenue Department.

12. The Government approved the scheme for the Guntoor division of the Kistna District in May 1873, and in October Mr. Cox was sent to take up the party there and to introduce the new rates. Excellent progress seems to have been made. The field work consisted of the revision of ayacuts and the measurement of interstitial fields. The Director brings to notice that the last item was very heavy owing to neglect of orders on the subject of division and the Board hope that they will be better adhered to in future. The preparation of the Settlement Accounts was pushed on, and Mr. Cox was able to introduce the new rates into two whole taluqs, Guntur and Sattenapilly, besides thirty four villages of Repalli and Bapatla. The revenue of the two taluqs as now settled is Rupees 7,48,700 in excess of the settlement as sanctioned by Rupees 38,968, or 5¼ per cent.

13. The fifth party was employed in Chingleput under the personal supervision of the Director. The three taluqs forming the principal division of the district were completed, and the co-ordination of the results for the preparation of the report were in progress. The measurement of minor holdings by paid volunteers was again found successful.

14. The outturn of work by the whole department in demarcation show a decrease in area returned as demarcated, though there was in reality no decrease in the amount of work done. There was a large increase, 62 per cent. in the area classified without the same time a considerable decrease in the cost per mile. The expenditure of the department was Rupees 2,95,759 including the sum spent by the Collector of Tinnevelly, in excess of the grant by Rupees 29,000 nearly. This is said to be owing to heavy reductions of the budget proposed by the Director.

15. Mr Banbury was absent from head quarters ninety-eight days in all during the year.

16. The report shows on the whole that under the energetic supervision of the Director the operations of the department was prosecuted with vigour and success during the year under review. The revision of tank ayacuts which now forms a regular part of Settlement work, is an important matter, and the benefit to the revenue derived from the results of the close and searching field examination which precedes classification being placed at the disposal of the Collectors at once is probably very great. The Director appears to attach just importance to this matter. The Board are pleased to learn that the relations between the Department and district officers were as generally hitherto all that could be desired. Mr. Banbury's suggestion that one of the Settlement men should be taken on the ordinary establishment in every taluq either as Taluq Gumastahs or Revenue Inspectors is highly practical and commends itself to the Board. Mr. Leman is requested to give effect to it in the Kistna if possible and as opportunity offers.

(A true Copy and Extract.)

Acting Sub-Secretary.

To the Acting Secretary to Government, Revenue Department.
,, the Director of Revenue Settlement.
,, the Collector of the Kistna District.

Copy to the Superintendent of Revenue Survey.

Ed G. A. Turton.

Received 9 Nov.

Read, 11 Nov.

Answered, 14 Nov.

OCTOBER,
No. 2,178.

Revenue Department.—Report on the Settlement Operations during the year 1872-73.—Read.

Proceedings, 21st October 1873, No. 2,178.

Copy forwarded.

Encl.

Pay, Audit & Account Office,
Fort St. George,
1873.
Examined and certified,
MADRAS.

Proceedings of the Madras Government, Revenue Department,
1st December 1873.

No. 9. Read the following Proceedings of the Board of Revenue, dated 24th October 1873, No. 2,178:—

Read the following letter from G. BANBURY, Esq., Director of Revenue Settlement, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Pattraperumudur, 20th July 1873, No. 1,556-60A:—

I HAVE the honour to submit my Annual Report upon what has been done by the Settlement Department during the past year 1872-73, and to forward, herewith, the usual appendices as to outlay incurred, and area dealt with under each head.

2. It has been hitherto usual to touch upon the Revenue of the year under report derived from those provinces already dealt with by this Department, but as these particulars have only as yet been supplied from one district, I will not detain this report any longer, but will, as soon as the necessary data are available, submit a separate letter regarding this important subject of Settlement results.

SETTLEMENT SCHEMES SUBMITTED AND SANCTIONED DURING THE YEAR.

3. NELLORE.—*Submitted.*—Mr. Rundall sent in his report upon the three taluqs comprizing the Sub-Division, thus completing the entire district. The proposals after being reviewed in this Office, and some slight alterations recommended, were forwarded on to the Board, with my letter, dated 28th February 1873, No. 385-12. The results of the new rates now proposed are as follows:—

Taluqs.	As per Revenue Accounts of Fasli 1278.	As per new Settlement.	Difference.	Percentage.
	rs.	rs.	rs.	rs.
Ongole	2,63,239	2,94,306	+ 31,067	12
Kandukur	2,55,506	2,69,887	+ 14,381	6
Kanigiri	36,214	43,601	+ 7,387	20
Total...	5,54,959	6,07,794	+ 5,2835	10

CUDDAPAH.—Major Stuart completed his Settlement scheme for the three eastern taluqs of Cuddapah, and his report thereon is now in the Press; the new rates when compared with the present assessment stand thus:—

Taluqs.	As per Revenue Accounts of Fasli 1280.	As per new Settlement.	Difference.	Percentage.
	rs.	rs.	rs.	rs.
Sidhout	1,02,988	1,04,306	+ 1,318	1
Budvel	1,06,983	1,23,866	+ 16,883	16
Pullumpett	1,36,205	1,60,450	+ 24,245	18
Total ...	3,46,176	3,88,622	+ 42,446	12

KISTNA.—*Sanctioned.*—The Government passed orders* approving of Mr. Wilson's scheme as amended by the Board, the increase in Revenue thereby being Rupees 1,83,437.

* 14th May 1872, No. 708, F.

Perrenapa in Kurnool.—The sanction of Government was also given to the revised settlement of this taluq, the enhancement proposed being Rs. 31,639.

Description of land.	As per Revenue Accounts of Fasli 1274.	As per new Settlement.	Difference.
	rs.	rs.	rs.
Dry ...	1,69,768	1,93,190	+ 23,422
Wet ...	17,647	23,864	+ 6,217
Total ...	1,87,415	2,19,054	+ 31,639

Nellore.—Just at the close of the year, the Government approval of Mr. Randall's proposals for the six taluqs forming the principal division of Nellore came to hand. In this instance, there is a considerable increase in the wet assessment, but reduction in dry, as shown below:—

Description of land.	Beriz of Fasli 1276-77.	As per new Settlement.	Difference.
	rs.	rs.	rs.
Dry	3,70,329	3,66,133	— 13,196
Wet	7,95,751	9,84,143*	+ 1,88,392
Total...	11,75,080	13,50,276	+ 1,75,196

Cuddapah.—The scheme for the four taluqs of Jummulamadoogoo, Cuddapah, Poddatoor and Koilcuntla* was likewise passed by Government,† and the following proposals accepted:—

* Formerly attached to Cuddapah, but now to Kurnool.

† 15th May 1872, No. 708-B.

Description of land.	Amount of Beriz. As per Revenue Account.	As per new Settlement.	Difference.
	rs.	rs.	rs.
Dry	5,68,112	6,39,376	71,264
Wet	1,95,482	2,03,185	17,703
Total ...	7,63,594	8,42,561	+ 88,667

I may here remark that immediate steps were taken to carry out the final Orders of Government in each case, and the progress made will be presently shown in its appropriate place for each district.

Scene of operations during the year.

4. Kistna.—The small party engaged in clearing up the remaining work prior to the introduction of the new Settlement was retained, as during the previous year, until July, when the Orders of Government having been received for the introduction of Mr. Wilson's revised rates, early steps were taken to strengthen the establishment and to carry the measure into effect. Mr. Cox arrived from England in October, and at once proceeded to take charge of the party at Guntur, which had been temporarily superintended by the Acting Uncovenanted Assistant.

5. Field Work.—The few out-door hands were engaged upon the newly occupied holdings, and the outturn stands thus—

Items.	Last year.	In this year.	Difference.
Demarcation acres	10,075	6,594	— 3,481
Classification do.	8,621	4,230	— 4,391
Survey do.	10,307	6,994	— 3,313
Number of stones planted	4,426	3,232	— 1,194

This looks small by the side of that of the previous year, owing to but little remaining to be done, and to the scattered nature of the work itself. On the other hand, measurement of minor holdings shows a large increase.

Items.	Last year.	In this year.	Difference.
Number of Villages...	7	66	+ 59
Number of Survey fields...	63	836	+ 773
Number of Sub-Divisions	211	2,220	+ 2,009

I may here mention that owing to the Local Revenue Officers not having duly regarded the Board's Orders* as to the strict observance of entire Survey fields in relinquishing old, and taking up new lands, the quantity of these minor holdings to be measured and recorded is something astonishing; but with Mr. Leman's aid, I am in hopes this task may be completed sooner than we ever anticipated.

* "Survey fields in waste lands are on no account to be Sub-divided, nor any division of liability to assessment on such fields to be recognized. Parties applying for waste lands in demarcated tracts must take them up in entire fields as the survey has fixed them."—Board's Circular No. 4,261, 7th August 1861.

Tank Ayacut Adjustment.—Attention was paid to this branch of duty, and the revision extended to 6,016 fields which were brought either to "wet" or "dry" according to their nature and capabilities.

6. Office Work.—The extra establishment retained, as abovementioned, performed a large amount of the detail Office work necessary for the preparation and issue of the rough puttas containing the new rates recently sanctioned. To give full details would be of but little benefit, so I will merely briefly show below the main items of account work performed:—

Particulars.	No. of Villages.	No. of Fields.
1. Calculating the fieldwar assessment	307	2,49,261
2. Examination of do.	279	2,35,451
3. Entering areas of the new Survey fields in the rate books	151	8,633
4. Examination of Amarakum accounts	493	3,07,601
5. Comparison of Gurnam's Inam accounts with the Inam Register ...	194	7,970
6. Writing out Assamiwar Registers	470	2,20,518
7. Comparison of do.	468	2,22,339
8. Preparation of Avaraus	264	1,34,140
9. Comparison of do.	199	70,846
10. Writing out Settlement Tickets	302	89,556
11. Comparison of do.	302	89,556

The necessary work having been thus completed for the Guntoor and Sattena pulli Taluqs, Mr. Cox was enabled to introduce the new rates therein with th following results:—

Taluqs.	As per Beriz of Fasli 1282.	As per new Settlement.	Difference.
Guntoor	3,85,079	4,02,711	+ 17,632
Sattenapulli	3,52,075	3,46,055	— 6,020
Total...	7,37,154	7,48,766	+ 11,612

7. The new rates were also introduced into fourteen villages of Repulli and twenty of Bapatla, and one of these taluqs might have been altogether out of hand before the close of the year, had not the dry assessment in those villages, the grouping of which had been subsequently raised, appeared too heavy, and to need the modification at once accorded by the Board* upon my representation. As it was, Mr. Cox managed within the fasli to complete these two most important taluqs yielding over a lakh of Rupees increase by the new settlement.

* Board's Proceedings, 2nd June 1873, No. 918.

8. *Expenditure.*—There is necessarily a considerable increase in the outlay, as not only was the temporary establishment retained from the month of July, but the Deputy Director's salary was likewise newly debited to this party—

	Amount.
	rs.
Last year	8,803
In this year	24,745
Increase...	15,942

Government may remember that it was originally intended that the new rates should be introduced by Mr. Wilson, c. s., by whom they were framed, but owing to his absence on sick leave, the task was entrusted to Mr. Cox.

9. Cuddapah and Kurnool.—Major Stuart had temporary charge throughout the year of this our largest party, and the operations to be superintended, as will be now seen, were both various and important. Out-door work in the Kadiri Taluq was completed early in the year, and the field hands who carry on demarcation and classification simultaneously on the combined system, passed on into Pulivendla, the only taluq in the district remaining to be dealt with. By the close of the year 5/8ths of this latter taluq were completed.

10. *Demarcation.*—The results of the season, both local and for the ary, are given below for each taluq

Taluq.	Demarcation done in the year.	Total Area.	Square miles.	Boundary Demarcation of Appurtenance.	Square miles.	Difference.	Percentage on the total area.
Ramachandrapuram							
Rajampet ...							
Cuddapah ...							
Jammalamadugu							
Proddatur ...							
Pulivendla ...							
Kadiri ...							
Penukonda ...							
Total Area.							

Although there is a falling off in the outturn when compared with that of the year preceding, there are fair reasons for this deficiency. Thus, as regards the detail work, there was the move from Kadiri into Pulivendla which unavoidably sacrifices working days, the fact of the men suffering from the fever contracted latterly in Kadiri, the employment of several hands on special work connected with the Settlement, and certain vacancies not being filled up owing to the threatened abolition of this portion of the party. I cannot help thinking that this impending abolition had much to do with the falling off, as to expect men to work with a will, when they know that simultaneously with the completion of their task comes their own official dissolution, is to expect what is manifestly contrary to human nature.

11. *Demarcation marks erected.*—The following particulars give the number and kind of demarcation stones set up during the past and previous years. As the demarcation itself falls off owing to the reasons above given, the stones naturally show a corresponding decrease. It must, however, be pointed out that the falling off in the field stones is also attributable to the Pulivendla fields running larger, and requiring consequently fewer marks to be expended thereon:—

Items.	Last year.	In this year.	Difference.
Theodolite boundary pillars	238	166	— 72
Do. secondary	2,525	2,020	— 505
Khundum pillars	26,452	19,329	— 7,123
Other marks	6,315	4,240	— 2,075
Field stones	3,36,208	2,35,583	—1,00,625

The total cost to the ryot of planting each kind of mark is given below. The field stones seem somewhat dear at the price, but this, Major Stuart observes, is owing to the Pulivendla Taluq not being favourably circumstanced as regards quarries:—

Items.	Amount.
	Rs. A. P.
Boundary stones	0 3 0
Khundum do.	0 8 0
Boundary and Khundum auxiliaries ...	0 8 0
Field stones	0 2 6

When taking a tour in Pulivendla with Major Stuart in July last, I found the detail demarcation being carefully attended to, and the boundary marks all that could be wished. The field stones might have been squarer and more shapely, but they are of good quality, quarried by fire, and firmly imbedded in the ground. I should certainly have liked to have seen them as neat as Mr. Randall's in Nellore, or as Mr. Clogstoun's in Salem, but the difficulty in obtaining stone-cutters, and unwillingness to put the ryots to more expense than could be helped, were the causes that militated against this result in Cuddapah.

12. *Average daily results.*—When the rate per man, per diem, is seen, the results must be deemed satisfactory, as they give 94 stones and acres combined as each man's average daily outturn, this is better than the year previous, and we certainly cannot fairly expect more.

Items.	Last year.	In this year.	Difference.
Demarcation acres	42	52	+10
Number of stones	38	42	+ 4
Total...	80	94	+14

Again, it is satisfactory to note that the number of acres put down counts to only one for every 1½ acre, thanks to the more decent size of the fields in Pulivendla which not only helps about this result, but lightens the cost to the ryot. The actual cost of the demarcation on the Cuddapah party comes to Rupees 37-8-4 per square mile which stands below that of the year preceding.

13. *Hill Demarcation.*—There is a large discretion under this head, which is in truth more a matter of account than of real taking off, as the lands were mainly engaged on District and not on Village boundaries, so that the area completed cannot, in the former case be brought to account as in the latter, owing to merely strips of villages being dealt with, when defining the district boundary. Exertions were made to complete the line of boundary along the Hill ranges between the Provinces of Nellore and Cuddapah, as Colonel Priestley was anxious that the sketches thereof should be furnished, in order that the Survey District Maps might be completed. I have already mentioned in former reports how many impediments, such as dread of fever and tigers, distance from any thing like a dwelling, and difficulty of obtaining food and water, surround this task; but in the present case, numerous important boundary disputes, hitherto quiescent, likewise sprang up when the true line had to be regularly marked out. Moreover, when I say that some of these questions were connected with the Calastry authorities, with whom any settlement or adjustment is proverbially tedious and complicated, I need not discuss the matter further, than by mentioning that a Cook Mr. Rebeiro an energetic young officer, was empowered under the Act, for about four months to settle five of these disputes. However, by the close of the year, the line was, it may be said, completed throughout Badvel and Sidhout, a distance of about sixty miles) and the only portion unsettled in Pullampett, the remaining taluq, was owing to the Conservator of Forests having re-opened a point which could only be settled by the Collector and Major Stuart ascending the hills and seeing the tract themselves, as they did soon after the beginning of the current year. Besides the above, Major Stuart completed the line through the Dabapully Jungle, connecting V oilpad with Pullampett, and also the line over the Pelankondah hills in Pulivendla.

14. *Classification.*—The drawbacks which told against demarcation likewise affected classification, although to a less extent, and, as already mentioned, the sound result shows well. From what I have seen of the work in Cuddapah, the lands appear to have been correctly classed, and leniency, rather than undue strictness seemed to properly characterize the procedure.

Taluq.	Last year.		In this year.		Difference.	
	Acres.	Sq. mls.	Acres.	Sq. mls.	Acres.	Sq. mls.
Voilpad	42				—42	
Maddenpully	3,726	6			—3,726	—6
Royachoty	262		868	1	+606	+1
Kadiri	4,18,714	654	2,97,358	465	—1,21,356	—189
Pulivendla			2,13,042	333	+2,13,042	+333
Total...	4,22,744	660	3,11,268	799	—88,504	+139

15. *Experiments in outturn of crops.*—Attention was paid to this matter, and 1,262 tests were made this year against only 499 the year before. Of course the more of these experiments that are made, the greater the facility for hereafter framing the grain values upon which the assessment is to be based.

Wet	168
Dry	1,094

16. *Measurement of minor holdings.*—This task always a tedious one, owing to the scattered nature of the work and the apathy of the Curnams went on better in Cuddapah and Jammulamadoogoo than during the year preceding, but fell off in Pullempett, the Curnam's time being much occupied with the preparation of Accounts required for the Settlement Report submitted for that taluq as above-mentioned. The total number of minor holdings turned out was 20,807 as shown below:—

Taluqs.	Last Year.		In this Year.		Difference.	
	No. of Survey fields.	Minor holdings.	No. of Survey fields.	Minor holdings.	No. of Survey fields.	Minor holdings.
Jammulamadoogoo	2,630	5,549	3,841	9,208	+1,211	+3,659
Pullampett ...	5,588	10,105	2,132	6,541	—3,456	—3,564
Cuddapah ...	...	...	1,851	5,148	+1,851	+5,148
Total ...	7,568	21,701	7,224	20,897	—344	—807

17. *Demarcation of Demarcation.*—The marks in that portion of the district first demarcated were of the well known Cuddapah blue limestone; they were no doubt fine marks, but almost too long and too large, so that in some instances they had toppled over of themselves in the loose black cotton soil, and in others had been knocked over by carts, etc. As the present was just the opportunity for setting matters right, I obtained the necessary aid from the Collector and Colonel Priestley, and thus, during the past year, stones to the number of 37,063 were either re-buried or re-placed where missing. Major Stuart reports that he found these renewed marks in the villages he visited "well sunk and firmly imbedded in the ground," though better in Cuddapah than in Pooddatoor.

18. *Office Work.*—Major Stuart's in-door hands had plenty to do with the preparation of the Report for the three eastern talugs, and amongst other tasks, worked out the necessary details appertaining to 1,61,501 fields.

19. *Revenue.*—The small staff working under the Uncovenanted Assistant, Rungiagopaul Iyengar, not only performed the following field work, but also introduced the New Settlement into the Pavikonda* Taluq with unusual rapidity:—

Items.	Acres and Stones.
	Acres.
Area demarcated in detail	3,826
Do. on Khandums do.	2,221
Do. classified do.	9,466
Do. surveyed do.	3,626
Number of stones put down on village boundaries ...	23
Do. on Khandums	27
Do. field stones	3,780

* vide Board's Proceedings, dated 24th April 1873, No. 693.

In addition to the above, the Head Inspectors of the taluqs were written up for printing and the Inam account-books duly corrected. All the pattah registers of Kurnool proper were forwarded to the Collectorate, but the survey maps are not as yet available.

20. The outlay of the Karnool and Cuddapah Party amounts to Rupees 1,08,484, or Rupees 3,083 over the expenditure of the preceding year. This is chiefly owing to the additional establishments entertained for the introduction of the new Settlement into the Pattikonda Taluq of Kurnool and to Acting Deputy Director's military allowances being higher, now that he has attained the rank of Major.

21. North Arcot and Salem.—Mr. Randall's party, like that in Cuddapah, works under the combined system, carrying on classification and demarcation simultaneously, and made satisfactory progress. It was mainly employed in native, simultaneously, and made satisfactory progress. It was mainly employed in the Chittoor Taluq of North Arcot, the Chandragiri Taluq having been well nigh finished the previous year. The outturn under both heads for 1872-73 stands thus:—

Items.	Taluqs.	Last year. Area.	Square miles.	In this year. Area.	Square miles.	Increase. Acres.	Square miles.
Demarcation.	1 Chandragiri ...	64,736	101	1,10,042	172	+ 45,306	+ 71
	2 Chittoor ...	11,440	18	1,38,058	216	+ 26,618	+ 42
	Total ...	1,76,176	275	2,48,100	388	+ 71,924	+ 113
Classification.	1 Chandragiri ...	41,984	66	51,152	80	+ 10,168	+ 14
	2 Chittoor ...	5,515	9	79,029	124	+ 73,514	+ 115
	Total ...	47,501	74	130,181	204	+ 82,680	+ 129

The small falling off in demarcation is amply compensated for by the increase in classification.

22. Demarcation.—The demarcation is, agreeably to the orders of Government, carried on in precisely the same manner as that executed by the survey-or. The stones are all of good granite, neatly and uniformly shaped, with the broad arrow cut thereon; the number of each kind planted during the year is shown below, and exhibits a considerable increase over similar work of the year preceding:—

Items.	Number of Marks. Last year.	In this year.	Increase.
Trigonometrical pillars ...	960	16	6
Topographical pillars ...	7,010	7,038	28
Boundary cairns ...	2,660	3,003	343
Intermediate stones, etc. ...	75,839	107,811	31,972
Field marks	1,22,695	2,07,283	84,588
Total ...	1,09,164	2,97,251	88,087

From the foregoing it may be gathered that one stone has on the average to be put down to every three-quarters of an acre, so that the fields run much smaller than in Cuddapah. I saw the work in several villages, and also at one of the quarries whence stones were taken; all seemed satisfactory. *Mr. Randall* still arranges that the ryots should be supplied with field stones at 10 for the rupee, including cutting the broad arrow; he has also been able to avoid employing contractors or giving advances, which are afterwards so troublesome to recover.

Particulars	Last year.	In this year.	Difference.
	rs.	rs.	rs.
Demarcation	21	26	+ 5
Stones	55	55	...
Total...	76	81	+ 5

22. *Rate of Demarcation work per man, per diem.*—This shows also better than during the year preceding, and considering the careful way in which Mr. Randall's hands work, the daily out-turn of acres and stones for each individual must be deemed satisfactory.

24. *Classification.*—As already mentioned, there is a good increase in this branch of work. It is true that the daily rate only comes up to 56 acres for each man, but it must be remembered that the inquiries as to transfers from wet to dry and *vice versa*, as to the facilities for growing two wet crops year by year, and as to any evasions of Land Revenue, are made during the progress of classification, and thus unavoidably tend to decrease the daily outturn to acres 29.

25. *Miscellaneous Items.*—Good progress was made in what may be termed the "collateral tasks." Thus 115 Boundary disputes were settled. The boundary demarcation of Hills, Shrotriems, Agraharams, etc., progressed. The marking out the one mile radius as ordered by Government* was carried on at three of the Railway Stations on the North East line; and 6281 experiments were made in the outturn of produce.

* G. O., dated 28th June 1871, No. 1,117.
G. O., dated 5th October 1871, No. 2,527.

	rs.
Wet	551
Dry	77
Total...	628

26. *Evasions of Revenue.*—In the North Arcot District by an arrangement made with the District Officers, opportunity was taken of the presence of the classifiers for making something like a real "achangul ayymaish," or examination of cultivation. In other words, it was arranged that when, in walking over the fields and examining their soils, the classifier saw any thing going on in the shape of evasions, he was to note the matter down for subsequent submission to the District authorities. An incidentally good point about this was that the Curnams, knowing this fieldwar investigation was coming, hastened to bring to the credit of Government items that had not hitherto found their way there. The cases of unrecorded occupation, evasions of water-rate, second crop, etc., thus brought to notice were fully gone into by Messrs. Whiteside and Farmer, and, after adding the sums newly brought to "jumma" by the Curnams, as abovementioned, the results come to upwards of Rupees 16,000.

27. Nellore.—Fieldwork.—The only new work to be taken up was in the Nellore supertaxes to a small area of unassessed land newly taken up, and to small plots which the ryots wished to have dealt with out of their turn; the two items coming to about 300 acres.

Record work.—Good progress was, however, made under this head, and the Index Registers of the following talugs were completed as under:—

Talugs.	Number of fields.
Nellore	7,[illegible]
Attmakur	7,[illegible]
Gudur	4,[illegible]
Kandukur	3,[illegible]
Ongole	23,[illegible]
Total ...	42,[illegible]

A commencement was made just as the year closed, in the preparation of the Accounts necessary for introducing the new rates into the principal division, and the assessment on the excess area was determined according to the Standard plan for 5,[illegible] fields in the Sub-division, the annual enhancement to revenue resulting therefrom being Rupees 7,044.

28. The cost of this party shows an increase of Rupees 324 as herewith given:—

Years.	Amount of expenditure.
	rs.
In 1871-72	52,[illegible]
In 1872-73	52,[illegible]
Increase...	324

This slight increase is owing to Mr. Randall having, as the year closed, retained a few of the extra hands for the introduction work in the principal division.

29. Salem and Coimbatore.—In the Salem District the work comprises revision of classification with the preparation of correct Land Registers, after which the introduction of the revised rates takes place as speedily as possible. The other duties performed *pari passu* with this main task, are renewal of demarcation, measurement of minor holdings, preparation of Land Registers, measurement and demarcation of newly occupied tracts, and revision of tank *ayacuts*.

30. *Revision of Classification.*—This primary duty shows very well, and exhibits a large increase over the previous year's results, as shown below. These operations were carried on in the Dharampuri, Kistnagiri, and Ossoor

Taluqs, and the rate obtained during each working day was above the standard of 120 acres for each field hand—

Taluqs.	Last year.		In this year.		Difference.	
	Number of fields.	Acres.	Number of fields.	Acres.	Number of fields.	Acres.
1	2	3	4	5	6	7
Salem	1,924	9,724	...	...	— 1,924	— 9,724
Namcul	7,651	31,083	...	...	— 7,651	— 31,083
Dharampuri	9,389	28,324	44,482	1,46,366	+ 35,093	+1,18,042
Uttengherry	65,267	2,26,719	...	...	— 65,267	—2,26,719
Kistnagiri	...	...	55,224	1,81,302	+ 55,224	+1,81,302
Oossoor	...	...	24,700	76,984	+ 24,700	+ 76,984
Total ..	84,231	2,95,850	1,24,406	4,04,652	+ 40,175	+1,08,802

31. *New settlement brought into force.*—During the year in question, Mr. Clogstoun introduced the new rates into the Dharampuri and Kistnagiri Taluqs with the following results—As I have already reported upon these results in detail, I need now only give the former and now totals for comparison under "Wet" and "Dry."

To Board, dated 2nd Nov. 1872, No. 2,050.
" " 17th May 1873, " 1,015.

Taluqs.	Description of land.	As per Revenue Accounts 1281 and 1282.	As per new Settlement.	Difference.	Per-centage.
Dharampuri	Dry	1,03,298	1,27,365	+ 24,037	+23
	Wet	43,402	49,583	+ 6,181	+14
	Total ..	1,46,730	1,76,948	+ 30,218	+21
Kistnagiri	Dry	84,804	93,568	+ 8,764	+10
	Wet	40,210	47,347	+ 7,137	+18
	Total ..	1,25,014	1,40,915	+ 15,901	+13
	Grand Total ..	2,71,744	3,17,863	+ 46,119	+17

The entire district will be out of hand during the first half of the current Official year, and the results, in a revenue point of view, will be far happier than were anticipated, when the sanction of Government was first recorded to the revised settlement.

32. *Restoration of demarcation.*—This measure, as authorized by Government, in their Orders of 22nd March 1871, No. 316, engaged much of Mr. Clogstoun's time and attention, and the manner in which the task has been performed entitles him to much credit, the marks are well pitched and firmly fixed. I have seen many villages in which this work of revival had been completed, and had every reason to be satisfied therewith. The number of new marks put down comes to 2,03,520, and the number of old marks re-placed to 82,635, thus exceeding the outturn of the year preceding, under both heads by over a lakh.

33. *Measurement of minor holdings.*—Here work falls off owing doubtless to the field hands having been much occupied with the renewal of demarcation as above explained. The total number of interstitial fields dealt with was 18,434.

34. *Digdeli Registers.*—The preparation of these records related mainly to the Dharampuri Taluq, and the number completed is shewn below :—

Number of villages 498
Number of fields 67,784

New Demarcation.—This branch embraces the marking out, classifying, and surveying lands recently broken up, and 1,859 acres were thus dealt with during the year.

Office Work.—The introduction of the new rates into two taluqs necessarily involved a heavy amount of account work, the main items of which, it is alone necessary to detail as follows :—

Items.	Number of fields.			
	Dharam-puri.	Oossoor.	Kistna-giri.	Total.
Comparing the Registers with the Field books..	67,784	22,101	55,224	1,45,109
Writing out Chittahs with comparison	39,447	15,747	44,128	1,15,322
Calculation of assessment	39,635	19,705	51,758	1,31,098
Entering the same in the Register	39,635	19,705	51,758	1,31,098

Despatch of Maps.—The number of maps mounted and unmounted despatched from the Central Office was this year unusually large, the total being 9,460.

35. COIMBATORE.—The small staff under the immediate superintendence of the Acting Assistant Director, Mr. Cook, who works under Mr. Clogstoun's orders and supervision, began the Perindorai Taluq during the first week in July. The main task entrusted to this party is the classification of lands recently surveyed. The collateral duties which are much the same here, as elsewhere, I will also briefly touch upon.

36. *Classification.*—Out of the 210 villages in the Perindorai Taluq, Mr. Cook's operations extended to 102, and of this latter number, ninety-one villages were completed. The total area thus dealt with comes to 203,246 acres or 318 square miles as herewith represented.

Items.	Completed.	In progress.	Total.
Number of villages ...	91	11	102
Number of fields ...	32,330	2,362	34,692
Area classified in acres ...	1,90,243	13,073	2,03,246
Do. in square miles	297	21	318

More might have been done, had not the restoration of missing stones, the measurement of minor channels and [illegible] "Poramboke" to be deducted in

the Settlement, as well as the fact of the Great Southern of India Railway having altered the face of the country subsequent to the demarcation, all unavoidably tended to hinder matters.

37. MEASUREMENT OF SUB-DIVISIONS.—The Revenue authorities were very anxious that the small, but invaluable irrigating channels, chiefly from the Calingarayen Vaikal, should be deducted from the area of the fields in which they were situated, so that by being thus entered in the accounts as "Peramboke," they would remain inviolate, and uninjured by the landowners through whose fields they passed. The measurement and deduction of these small water-courses took place accordingly. Another important item under this head was the similar treatment of strips of cultivation alongside the Calingarayen itself; these strips having lately been taken up by the Department Public Work for the repairs and maintenance of this water course. The total work of the year including minor divisions of all kinds stands thus—

	Number of Villages.	Survey fields.	Minor holdings comprized in said Survey fields.
	63	1,451	3,897

38. RESTORATION OF DEMARCATION.—The Perindorai ryots had been terribly negligent as regards taking any care of the demarcation, and in fact in wet lands the stones had, to a considerable extent, disappeared altogether. As the present was the only satisfactory opportunity ever likely to occur of restoring them, I arranged that Mr. Cook should undertake the task simultaneously with the classification, and as he carried on this work of revival with both energy and discretion, the result has been satisfactory. With regard to the stones themselves, Mr. Cook thus gives his opinion of them—"I have personally inspected re-demarcation in many wet villages, and can testify that the stones are all that can be desired, being good, substantial, and well chiselled, 2 feet × 6 × 6 in dimension." The number of marks thus newly planted, and old stones replaced, are herewith shown—

	Nos.
Number of stones newly planted	12,589
Do. of old stones properly fixed	17,007
Total ...	29,596

Ayles.—Experiments to ascertain out-turn on various soils were made to the number of 1,062. Of these 579 belonged to dry and 483 to wet lands. As regards the latter, the yield approximates pretty nearly to that of Shem and Trichinopoly, but unfortunately the dry grain harvest was an unusually light one.

Occasional report of Cornaix.—When visiting the work going on in Perinthorai, it was brought to my notice that in some instances the classifiers had observed that water-rate was omitted to be charged on dry Inams irrigated by the Calingarayen, and that land locally known as "Ulkali Peramboke" was also in some cases filled, free of charge. After communicating with Mr. Wedderburn, arrangements were made to set matters right for the future.

39. *Cost of Salem and Coimbatore parties.*—The total outlay during the past year comes to Rupees 68,578 or Rupees 388 less than that of the year preceding; thanks to some slightly better arrangement as to Office work, and to less outlay on printing.

40. CHINGLEPUT.—The small party at work in this district under my immediate control completed the Trivellore Taluq, and at once began to prepare and to tabulate the information necessary for the Settlement scheme* of the principal division comprising the Sydapett, Ponnery and Trivellore Taluqs. It is true that these data could to a large extent have been drawn up by extra hands under the supervision of trained employés, but as a recess was due to the field hands after their long spell of out-door work, and as a new taluq was not ready for them by the survey just at present, it was found the best plan to employ them in office.

* *Vide* Orders of Government, dated 7th February 1872, No. 254.

41. *Classification.*—The outturn of the year as compared with its predecessor exhibits an enhancement which may be deemed satisfactory:—

	Area classified in	
	acres.	sq. miles.
Last year	1,41,090	220
This year	1,53,597	240
Difference...	+ 12,507	+ 20

One Head Classifier, two Classifiers, and a few Volunteers were added this year to the party, which accounts for the increase now found.

42. *Minor Holdings.*—The measurement of interstitial fields was carried on concurrently with classification by paid Volunteers attached to the Classifiers who supervise, and are responsible for the correctness of the measurements. Aided by the field sketches and external measurements supplied by the Survey as shown in the margin, this branch of work progressed satisfactorily, the results of the year under report showing an enhancement of 15,062:—

11,449 Survey fields.

	Number of	
	Survey fields.	Minor holdings.
Last year	21,982	68,013
This year	25,507	83,343
Increase...	3,525	15,330

This is partly due to the number of volunteers being increased from fourteen to nineteen. I may here mention that the Sub-divisions, above given, were actually measured, and their areas calculated and recorded in the Classification

Registers. This is the item that last year Colonel Priestley, quite wrongly, as was subsequently shown, characterized in his letter to the Board as an "exaggerated" statement.* Three hundred and fifty-five experiments of produce were made in wet paddy.

* Board's Proceedings, dated 21st Sept. 1872, No. 1,886.
Do. dated 6th January 1873, No. 11.

43. *Account work.*—As already stated, immediately field work in Trivellore was completed, the account work began, and the results during these last two months of the year thus spent, are as follows. I give only the main items:—

Items.	Number of Villages.	Survey numbers.
1. Comparison of Classification Registers with the Adangal Accounts ...	138	37,922
2. Preparing Correction lists of the same	138	2,432
3. Preparation of Kittavani according to the Survey areas	57	10,503
4. Comparison of do. with Curnam's accounts	10	1,964
5. Preparing abstract on the Survey areas	10	1,964

The details as to "Government," "Inam," "Peramboke," "Dry," "Wet," "occupied" and "unoccupied," etc., having been necessarily recorded upon the basis of the *fasli* in which the various villages were classified; the proposed results of the three taluqs could not be compared with those of any one fasli, and, as this would cause confusion; the Classification Registers will be made to tally with the Adangal of Fasli 1282 by introducing all the subsequent changes; thus enabling us to work upon one and the same year's data for all three taluqs. The new Survey areas were introduced into the Trivellore Taluq, and the classifiers brought to the notice of the Revenue Authorities any evasions of water-rate, second crop, etc., that they came across. The Curnams of the outlying Sutwaide and Nagalapuram Divisions, knowing that such would be the case, were especially careful in charging items that might otherwise have escaped.

44. *Cost.*—The charges appertaining to this district were, as in the previous years, debited to the budget allotment of the other parties up to the end of August last, but from September the small Establishment was maintained as a distinct Settlement Party, under G. O. No. 1,258, dated 29th August 1872. The total outlay incurred during the year amounts to Rs. 17,073 against Rs. 15,582, or an enhancement of Rupees 1,491 over the preceding year, owing to the Uncovenanted Assistant's pay being increased, and to the entertainment of one Head Classifier and two Classifiers as already mentioned.

45. *Trichinopoly and Godavery.*—During the year under report, no outlay was incurred under the head of Printing Charges on account of Trichinopoly, although the Selections from the Settlement Reports, etc., are still in the Press. These Selections for Godavery were completely printed at an expenditure of Rupees 610.

46. *Tinnevelly.*—Although the Settlement work in this district was carried on under the supervision of the Collector, the cost is debited to the Settlement

Department Budget, and a portion of the expenditure of the first half of the year is, as in the preceding year, debited to Chingleput. The particulars are as follows:—

Districts.	Amount.
	Rs.
Tinnevelly	23,119
Chingleput	2,972
Total...	26,091

It will be observed that this sum is much in excess of the amount of the preceding year, but the fact of Mr. Puckle being now engaged in actually introducing the Settlement into Tinnevelly will sufficiently account for the enhancement

47. COMPARISON OF THE TOTAL OUTTURN AND OUTLAY WITH THOSE OF THE PRECEDING YEAR.—In the appendices A and B, annexed to this report, the area demarcated and classified in each taluq, the cost thereof, and the number of field and village boundary marks erected are compared with similar details for the year preceding; but I subjoin an abstract of these Statements in order that the total results for the year may be seen at a glance.

Statement of Appendix A.

Districts.	Classification. Expenditure. 1871-72.	Classification. Expenditure. 1872-73.	Classification. Average. 1871-72.	Classification. Average. 1872-73.	Demarcation. Expenditure. 1871-72.	Demarcation. Expenditure. 1872-73.	Demarcation. Average. 1871-72.	Demarcation. Average. 1872-73.	Total. 1871-72.	Total. 1872-73.	Difference between Columns 14 and 15.
	10	11	12	13	14	15	16	17	18	19	20
	Rs.	Rs.	As. A. P.	As. A. P.	Rs.	Rs.	As. A. P.	As. A. P.	Rs.	Rs.	Rs.
Guntoor	2,433	910	... ...	88 1 1	7,425	610	131 10 4	... ...	9,858	1,520	— 8,338
Kistna	7,403	23,390	... ...	88 9 10	94,745	94,745	... ...	21 12 0	102,148	118,135	+ 15,987
Nellore	6,550	15,402	... ...	88 9 10	15,576	15,576	... ...	71 2 4	22,126	30,978	+ 8,852
Cuddapah	32,646	41,417	51 13 2	88 9 10	92,905	92,905	... ...	... ...	125,551	134,322	+ 8,771
Bellary	23,545	12,413	... ...	... ...	13,915	13,915	... ...	... ...	37,460	26,328	— 11,132
North Arcot	6,657	16,224	131 10 4	88 1 1	26,560	40,736	... ...	... ...	33,217	56,960	+ 23,743
Salem	63,173	47,583	... ...	... ...	63,966	56,966	... ...	... ...	127,139	104,549	— 22,590
Coimbatore	...	16,095	... ...	21 12 0	...	11,672	... ...	... ...	...	27,767	+ 27,767
Chingleput	15,583	17,073	71 2 4	71 2 4	15,553	17,073	... ...	... ...	31,136	34,146	+ 3,010
Trichinopoly	403	...	... ...	... ...	403	...	... ...	... ...	806	...	— 806
Tinnevelly	...	...	... ...	... ...	934	934	... ...	... ...	934	1,868	+ 934
Total...	1,58,701	1,83,066	... ...	... ...	2,52,894	2,72,859	... ...	... ...	4,11,595	4,55,925	+ 44,330
Charges not distributable to districts, viz., cost of Settlement Establishment under the Collector of Tinnevelly...									9,305	33,118	+ 23,813
Grand Total...									4,20,899	4,89,043	+ 68,144

Districts.	Village Boundary Marks. Expenditure. 1871-72.	Village Boundary Marks. Expenditure. 1872-73.	Village Boundary Marks. Average. 1871-72.	Village Boundary Marks. Average. 1872-73.	Field Boundary Marks. Expenditure. 1871-72.	Field Boundary Marks. Expenditure. 1872-73.	Field Boundary Marks. Average. 1871-72.	Field Boundary Marks. Average. 1872-73.	Total. 1871-72.	Total. 1872-73.	Difference between Columns 24 and 25.
	21	22	23	24	25	26	27	28	29	30	31
	Rs.	Rs.	As. A. P.	As. A. P.	Rs.	Rs.	As. A. P.	As. A. P.	Rs.	Rs.	Rs.
Guntoor	2,965	1,450	88 1 1	88 1 1	3,132	1,532	88 1 1	88 1 1	6,097	2,982	— 3,115
Kistna	3,132	5,090	88 1 1	88 1 1	33,105	30,152	88 1 1	88 1 1	36,237	35,242	— 995
Nellore	2,832	6,748	88 1 1	88 1 1	33,073	23,412	88 1 1	88 1 1	35,905	30,160	— 5,745
Cuddapah	3,132	5,090	88 1 1	88 1 1	33,105	30,152	88 1 1	88 1 1	36,237	35,242	— 995
Bellary	2,832	6,748	88 1 1	88 1 1	33,073	23,412	88 1 1	88 1 1	35,905	30,160	— 5,745
North Arcot	2,965	1,450	88 1 1	88 1 1	3,132	1,532	88 1 1	88 1 1	6,097	2,982	— 3,115
Salem	...	...	... ...	... ...	...	...	... ...	... ...	...	...	...
Coimbatore	...	...	... ...	... ...	...	...	... ...	... ...	...	...	...
Chingleput	...	...	... ...	... ...	...	...	... ...	... ...	...	...	...
Trichinopoly	...	...	... ...	... ...	...	...	... ...	... ...	...	...	...
Tinnevelly	...	...	... ...	... ...	...	...	... ...	... ...	...	...	...
Total...	2,965	1,450	... ...	... ...	33,105	30,152	... ...	... ...	36,070	31,602	— 4,468

48. From the foregoing Abstract A. it will be gathered that on the whole the area demarcated exhibits a falling off, whilst the expenditure shows a trifling increase as specified in the margin. The chief cause of decrease is due to so many hands being employed on the definition of the district boundary line between Caddapah and Nellore as requested by the survey. The slight enhancement in expenditure is owing to the unusually long time occupied, as already explained, in the settlement of numerous intricate boundary disputes which cropped up during the progress of this Hill and Jungle demarcation; and also to the employment of hands on the restoration of demarcation marks in Salem, Coimbatore and Cuddapah. Classification, on the other hand, presents more favourable results, as the outturn is in excess of that of the previous year. So also was the expenditure, but this includes the cost of introducing new Settlements, the preparation of Diglott Registers, and the revision of Tank Ayacuts. The increase in classification is due chiefly to the commencement of operations in Coimbatore, and to the work in Chingleput shewing better than in the previous year.

Year.	Demarcation. Extent in square miles.	Demarcation. Expenditure in.
		Rs.
1871-72	2,358	89,193
1872-73	1,420	89,573
Difference ...	— 938	+ 380

Years.	Classification and Assessment. Extent in Square miles.	Classification and Assessment. Expenditure in.
		Rs.
1871-72	934	1,63,701
1872-73	1,496	1,83,066
Increase...	512	19,365

49. Village and Field Boundary Marks.—Next comes the Abstract Statement B. above referred to.

	Items.	1871-72.	1872-73.	Difference.
Village Boundary.	Number of Villages...	474	573	+ 99
	Khundums or Sub-divisions	1,842	1,485	— 357
	Tri-junctions { Regular work	347	277	— 70
	Tri-junctions { Renewal { New stones planted	...	27	+ 27
	Tri-junctions { Renewal { Old stones firmly fixed	...	4,757	+ 1,757
	Secondaries	2,525	2,159	— 366
	Other marks on Village Boundaries. { Regular work	13,525	11,280	— 2,245
	Other marks on Village Boundaries. { Renewal { New stones planted	...	130	+ 130
	Other marks on Village Boundaries. { Renewal { Old stones firmly fixed	...	2,571	+ 2,571
	Marks on Khundums	26,569	25,557	— 1,012
Field Boundary.	Number of Villages...	440	524	+ 84
	Villages divided into Khundums. { Number of Villages ...	134	462	+ 328
	Villages divided into Khundums. { Number of Khundums.	1,593	2,069	+ 476
	Number of fields marked out. { Regular work	1,01,808	1,21,877	+ 17,069
	Number of fields marked out. { Renewal { New stones planted	...	67,290	+ 67,290
	Number of fields marked out. { Renewal { Old stones firmly fixed	...	19,429	+ 19,429
	Number of field marks. { Regular work	5,03,256	4,48,140	— 55,116
	Number of field marks. { Renewal { New stones planted / Old stones firmly fixed ...	1,19,058	2,23,533 / 1,46,791	+ 2,51,271

The diminution observable in the number of marks erected on Village Boundaries is due to the Cuddapah Party having worked in more open tracts than in the preceding year, so that intermediate stations at short distances were not required as in hilly, wooded country. The smaller number of field marks arises from the fields running larger in Pulivendla, than in Khadri, where last year's work was carried on. These remarks apply to the regular demarcation, the number of marks used in the revival depending more upon the manner in which the original demarcation was conducted, and the number of stones remaining firm and uninjured.

50. Comparison of actual outlay with Budget grant.—The subjoined Statement shows that the total expenditure is in excess of the budget allotment by Rupees 28,759. It will be gathered from the details that the expenditure in Kistna, Kurnool and Tinnevelly has exceeded the budget estimate in consequence of the commencement of the introduction of the new rates into these districts. The establishment employed in the Chingleput District was also formed during the latter half of the year into a separate party, under Government Order, No. 1,258, dated 29th August 1872, which accounts for the enhancement in this instance. In the other districts, however, the outlay is below the sanctioned amount. The grant would not have been exceeded had the Budget estimate been passed as originally submitted, but Government having reduced the sum to Rupees 2,85,000, and the Accountant-General having also struck off Rs. 16,000 from the above sanction, the final allotment proved insufficient.

Districts.	Sanctioned amount for the year 1872-73.	Actual expenditure in 1872-73.	Difference.
Central Office	48,340	47,319	— 1,021
Kistna	8,160	21,098	+ 12,938
Salem and Coimbatore	66,000	59,829	— 6,171
Kurnool and Cuddapah	84,400	88,075	+1 3,675
Nellore and North Arcot	46,000	43,809	— 2,191
Chingleput	...	6,869	+ 6,869
Total ...	2,54,900	2,66,999	+ 12,099
Tinnevelly	21,100	26,048	+ 4,948
Total ...	2,76,000	2,93,047	+ 17,047
Deduct as per Accountant-General's letter of 29th June 1872, No. 2,956 ...	16,000	...	16,000
Remaining ...	2,60,000	2,93,047	33,047
Printing Charges Provincial	7,000	2,712	— 4,288
Total ...	2,67,000	2,95,759	+ 28,759

Proceedings of the Madras Government, Revenue Department, 1st December 1873.

51. Survey areas received from, and demarcation records handed over to the Survey Department.—The accompanying Statement shows the number of villages for which survey areas were received during the year under report:—

Districts.	Taluqs.	Number of villages.	Acres as per survey.	Square miles.
Kurnool	Pattikondah	68	4,86,435	760
	Koilcuntla	1	12,737	20
	Total ...	69	4,99,172	780
Cuddapah ...	Jummulamadoogoo ...	2	11,913	19
	Cuddapah	4	35,988	56
	Total ...	6	47,901	75
	Grand Total ...	75	5,47,073	855

The Demarcation Records of Yellpad Taluq, comprising 670 square miles, were handed over to the Survey Department, whilst those of Muddenpully and the greater portion of Khadri embracing 2,602 square miles were prepared for transmission on application.

52. With reference to paragraph 13 of Government Proceedings, dated 30th June 1870, I may mention that I visited Kurnool once, Cuddapah thrice, North Arcot once, Chingleput twice, Salem four times, Coimbatore once, and Trichinopoly once, being thus absent from Head-quarters on duty ninety-eight days during the past year.

53. General Remarks.—There has, throughout the year, been excellent feeling between the District authorities and ourselves, and in fact, were this not the case, work would hardly go on satisfactorily or speedily. Had it not been for Mr. Leman's aid in the Kistna, Mr. Cox could not have done so much in the way of introducing the new rates; and in Chingleput, Mr. Barlow and his highly spoken of Deputy-Collector, Venkatasiah, have helped me in every way. I should much like to see the plan adopted in Trichinopoly of securing for each settled taluq one of our trained hands, followed elsewhere. Mr. McDonell nominated one of Mr. Packle's men to each taluq, and as Collector I derived much benefit therefrom, as there was by this means, always at the Tahsildar's elbow, one who was "au fait" at all the recent procedure, and who could give correct information on every detail. Some of our field hands would naturally, from their previous apprenticeship, make first rate Revenue Inspectors, or Taluq Gumastahs, and the only trouble is about the examinations. Considering, however, their full knowledge of what is really required of them, their consequent use to the Tahsildar, and their previous hard work both in field and office, they might be specially exempted.

54. Conclusion.—I have to thank the Deputy-Directors for their exertions during the past year, and also for their ready attention to my wishes. Major Stuart, and Mr. Randall had considerably harder work than usual, but they made way against it, and the latter's well known industry and efficiency have been lately recognized by Government. Mr. Cox has, in spite of several drawbacks, published on the introduction of the new Settlement into the Guntur Division with much energy, and both he and his office appear to have had no easy time of it, attending before, and staying after regular hours in order to complete the accounts. The Department has received a valuable addition in Mr. Elgar-son, whose capability of standing the sun renders him as good in the field as he is in the office. Of the three Assistants, Messrs. Cook and

G. O., 31st March 1873, No. 371.
Do. 12th May 1873, No. 467.

Clerk have both done a good year's work, and Mr. Mayer, since his return from England in January, has been uninterruptedly amongst the remote villages in which his party were working. Major Stuart justly speaks favourably of Mr. Pedroza who had charge of one of the field parties in Cuddapah. Mr. Rundall also brings prominently to notice the great aid he has received from the Head of his office, Balaji Row, B. A., and it is only due to the First Uncovenanted Assistant J. Lakshmikanta Raz that I should here acknowledge the very valuable assistance he has rendered me throughout the year.

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 1872-73.

KISTNA DISTRICT.

Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Ayacut area in square miles.	Actual detail 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.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Demarcation.	Repulli	...	...	...	20	...	21	9	50	... ...	
	Bapatla	...	...	6	196	...	202	85	482	... ...	
	Guntoor	...	...	1	20	...	21	9	50	... ...	
	Sattenapilli	...	...	2	58	...	59	25	142	... ...	
	Narasaraopeta	...	...	1	90	...	92	39	221	... ...	
	Total ...	...	...	10	384	...	394	167	945	... ...	
Classification.	Repully	...	...	...	20	2,650	2,635	1,120	6,325	... ...	
	Bapatla	...	...	1	196	1,258	1,401	635	3,580	... ...	
	Guntoor	...	...	1	20	3,525	3,635	1,545	8,725	... ...	
	Sattenapilli	...	...	3	58	1,109	1,107	508	2,872	... ...	
	Narasaraopeta	...	...	2	90	500	605	257	1,452	... ...	
	Vinukonda	...	...	...	...	88	90	38	216	... ...	
	Pahad	...	...	...	...	20	27	10	63	... ...	
	Total ...	...	...	7	384	9,056	9,630	4,113	23,239	... ...	
	Printing charges and mounting Maps	...	...	...	...	467	...	100	567	... ...	
	Grand Total ...	...	...	...	768	9,523	10,074	4,380	24,745	... ...	

(By Order.)

Revenue Settlement Office,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ.
1st Uncovenanted Assistant.

Proceedings of the Madras Government, Revenue Department,
1st December 1873.

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 1872-73.

KURNOOL DISTRICT.

Items.	Taluqs.	Number of Villages completed.	Number of Villages in progress.	Ayacut area in Square miles.	Actual detail 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.
						Rs.	Rs.	Rs.	Rs.	Rs.	R. A. P.
Demarcation.	Ramallakota	...	...	...	28	...	22	11	61	... ...	
	Nandikotukur	...	...	...	...	18	...	15	7	40	... ...
	Nandiyal	...	...	...	...	2	...	1	1	4	... ...
	Marakapur	...	...	...	...	100	...	81	39	220	... ...
	Pattikonda	...	...	...	9	228	...	184	89	501	... ...
	Cumbum	...	...	...	...	729	...	589	283	1,601	... ...
	Koilcuntla	...	...	...	...	22	...	17	8	47	... ...
	Total ...	...	...	...	9	1,127	...	909	438	2,474	... ...
Classification.	Ramallakota	...	...	...	...	...	3	3	1	7	... ...
	Nandikotukur	...	...	...	...	...	13	11	5	29	... ...
	Nandiyal	...	...	...	...	...	99	78	38	215	... ...
	Sirwell	...	...	...	...	...	84	68	33	185	... ...
	Pattikonda	...	...	...	5	134	4,847	4,018	1,935	10,934	... ...
	Total ...	...	...	...	5	134	5,046	4,178	2,012	11,370	... ...
	Printing charges and mounting Maps	...	...	...	...	...	1,672	...	360	2,032	... ...
	Total ...	...	...	...	...	...	6,718	4,178	2,372	13,402	... ...
	Grand Total ...	...	...	...	...	1,261	6,718	5,087	2,810	15,876	... ...

(By order.)

Revenue Settlement Office,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ.
1st Uncovenanted Assistant.

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 1872-73.

CUDDAPAH DISTRICT.

Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Ayaut area in square miles.	Actual detail 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.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.
Demarcation.	Jammulamadoogoo	...	...	...	1	362	...	292	141	795	... ...
	Poddatoor	...	...	...	1	290	...	234	113	637	... ...
	Cuddapah	...	...	...	1	351	...	283	136	770	... ...
	Sidhout	...	...	44	...	944	...	762	367	2,073	... ...
	Badvel	...	...	81	..	816	...	658	317	1,791	... ...
	Pullempett	...	...	...	...	697	...	562	271	1,530	... ...
	Rayachoty	...	...	...	...	341	...	276	133	750	... ...
	Voilpad	...	...	26	...	252	...	203	98	553	... ...
	Maddanpally	...	...	...	...	510	...	411	198	1,119	... ...
	Kadiri	40	...	503	111	6,913	...	7,188	3,463	19,564	... ...
	Pulivendla	64	25	407	304	9,905	...	7,262	3,498	19,765	... ...
	Total ...	104	25	1,151	475	22,471	...	18,122	8,730	49,326	43 15 7
	Cost of Boundary Pillars	...	...	...	...	1,868	...	...	...	1,868	... ...
	Total ...	104	25	1,151	475	24,339	...	18,122	8,730	51,194	44 7 7
Classification.	Jammulamadoogoo ...	...	...	...	...	407	24	348	168	947	... ...
	Poddatoor	...	...	...	...	...	28	32	11	62	... ...
	Cuddapah	...	...	...	...	500	42	437	211	1,190	... ...
	Sidhout	...	...	...	...	352	640	807	349	2,197	... ...
	Badvel	...	...	...	...	862	561	744	358	2,025	... ...
	Pullempett	...	...	...	...	893	922	1,436	706	3,990	... ...
	Rayachoty	...	...	1	1	76	...	61	29	166	... ...
	Voilpad	...	...	...	...	177	...	143	69	389	... ...
	Maddanpally	...	...	...	...	305	...	246	118	669	... ...
	Kadiri	540	...	405	97	6,752	166	4,775	2,290	12,980	... ...
	Pulivendla	64	24	538	288	7,492	158	6,170	2,972	16,792	... ...
	Total ...	104	24	949	386	16,310	2,550	15,218	7,230	41,417	51 13 5
	Grand Total ...	...	...	...	...	40,668	2,550	33,340	15,960	92,608	... ...

(By Order.)

Revenue Settlement Office,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

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 1872-73.

NELLORE DISTRICT.

Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Ayaut area in square miles.	Actual detail work in square mile.	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.	Cost of Boundary Pillars	...	...	...	...	1	...	...	...	1	... ...
Classification.	Nellore	...	...	...	...	...	84	354	94	532	... ...
	Gudur	...	...	...	...	20	84	438	117	659	... ...
	Rapur	...	...	...	...	...	69	291	77	437	... ...
	Atmakur	...	...	...	...	...	167	703	187	1,057	... ...
	Kavali	...	...	...	...	...	56	236	63	355	... ...
	Udayagiri	...	...	...	...	...	64	269	72	405	... ...
	Kandukur	...	...	...	...	...	452	1,905	507	2,864	... ...
	Kanigiri	...	...	...	...	...	382	1,609	428	2,419	... ...
	Ongole	...	...	...	...	...	577	2,431	647	3,655	... ...
	Total ...	...	...	...	...	20	1,935	8,236	2,192	12,383	... ...
	Printing charges and mounting Maps	...	...	...	...	...	24	...	5	29	... ...
	Grand Total ...	...	...	...	...	21	1,959	8,236	2,197	12,413	... ...

(By Order.)

Revenue Settlement Office,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

APPENDIX A.—5.

Statement showing the extent of Demarcation and Classification work performed by the Settlement parties and the expenditure incurred thereon for the Official year 1872-73.

SALEM DISTRICT.

	Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Annual Area in square miles.	Actual detail 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.
							Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.
Demarcation.		Attur					1,176		909	447	2,526	
		Salem					168		129	64	361	
		Namcul					20		15	8	43	
		Dharumpuri					809		622	307	1,738	
		Uttengheri					126		97	48	271	
		Ossoor					370		284	141	796	
		Kistnagiri					1,272		977	483	2,732	
		Total					3,941		3,027	1,498	8,466	
		Cost of Boundary Pillars					507				507	
		Total					4,448		3,027	1,498	8,973	
Classification.		Attur					59	153	463	81	756	
		Salem					24	3,434	2,732	1,353	7,643	
		Namcul					1	940	646	320	1,907	
		Dharumpuri					21	7,441	5,731	2,857	16,030	
		Uttengherry					3	1,989	1,530	758	4,280	
		Tirthengode						666	465	230	1,301	
		Ossoor					1	2,955	1,733	857	4,846	
		Kistnagiri					5	5,374	4,131	2,046	11,555	
		Total					114	22,192	17,431	8,481	47,918	
		Painting charges and mounting Maps						12		3	15	
		Grand Total					4,562	22,204	20,458	9,982	56,906	

(By Order.)

REVENUE SETTLEMENT OFFICE,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
Uncovenanted Assistant.

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 1872-73.

Items.	Taluqs.	Number of villages completed.	Number of villages in progress.	Annual area in square miles.	Actual detail 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.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.
						COIMBATORE DISTRICT.					
Demarcation.	*Periodicals.*										
	Demarcation	...	...	...	...	734	...	584	279	1,577	... ...
	Classification	91	11	318	318	4,625	...	3,552	1,769	9,946	31 3 11
	Cost of Printing charges and mounting Maps ...	...	...	...	...	...	131	...	38	169	... ...
	Total...	91	11	318	318	4,625	131	3,552	1,787	10,095	31 12 0
	Grand Total...	...	...	...	...	5,359	131	4,136	2,066	11,672	... ...
						CHINGLEPUT DISTRICT.					
Classification.	Sydapett	...	...	...	...	...	369	103	133	606	... ...
	Poonery	5	...	4	4	2,265	...	484	578	1,062	... ...
	Trivellore	224	...	245	236	8,502	251	1,936	2,312	4,248	... ...
	Total...	229	...	249	240	10,766	720	2,523	3,013	17,052	68 5 9
	Cost of Mounting Maps ...	...	...	...	...	...	42	...	9	51	... ...
	Total...	229	...	249	240	10,766	762	2,523	3,022	17,073	68 6 1
						NORTH ARCOT DISTRICT.					
Demarcation.	Chandragiri	11	13	13	1	1,019	...	1,842	696	3,594	... ...
	Chittoor	270	37	234	145	9,111	...	7,894	3,590	20,595	... ...
	Guriyattam	...	...	...	...	47	...	39	18	104	... ...
	Total...	281	50	247	146	10,804	...	8,975	4,284	24,063	97 4 9
	Cost of Boundary Pillars ...	...	...	...	...	379	...	...	...	379	... ...
	Total...	281	50	247	146	11,183	...	8,975	4,284	24,442	98 13 4
Classification.	Chandragiri	31	13	6	6	1,704	209	1,588	705	4,206	... ...
	Chittoor	255	25	118	118	6,271	132	4,459	2,127	13,000	... ...
	Guriyattam	...	...	...	...	23	...	19	9	51	... ...
	Total...	276	38	124	124	6,998	341	6,066	2,889	16,324	131 10 4
	Grand Total...	...	...	...	...	18,181	341	15,071	7,173	40,766	... ...
						COIMBATORE DISTRICT.					
	Cost of Printing Selections of Settlement Reports ...	...	...	...	...	...	503	...	108	610	... ...
						TINNEVELLY DISTRICT.					
	Cost of Settlement Establishments, etc...	...	...	...	...	...	...	...	...	28,118	... ...

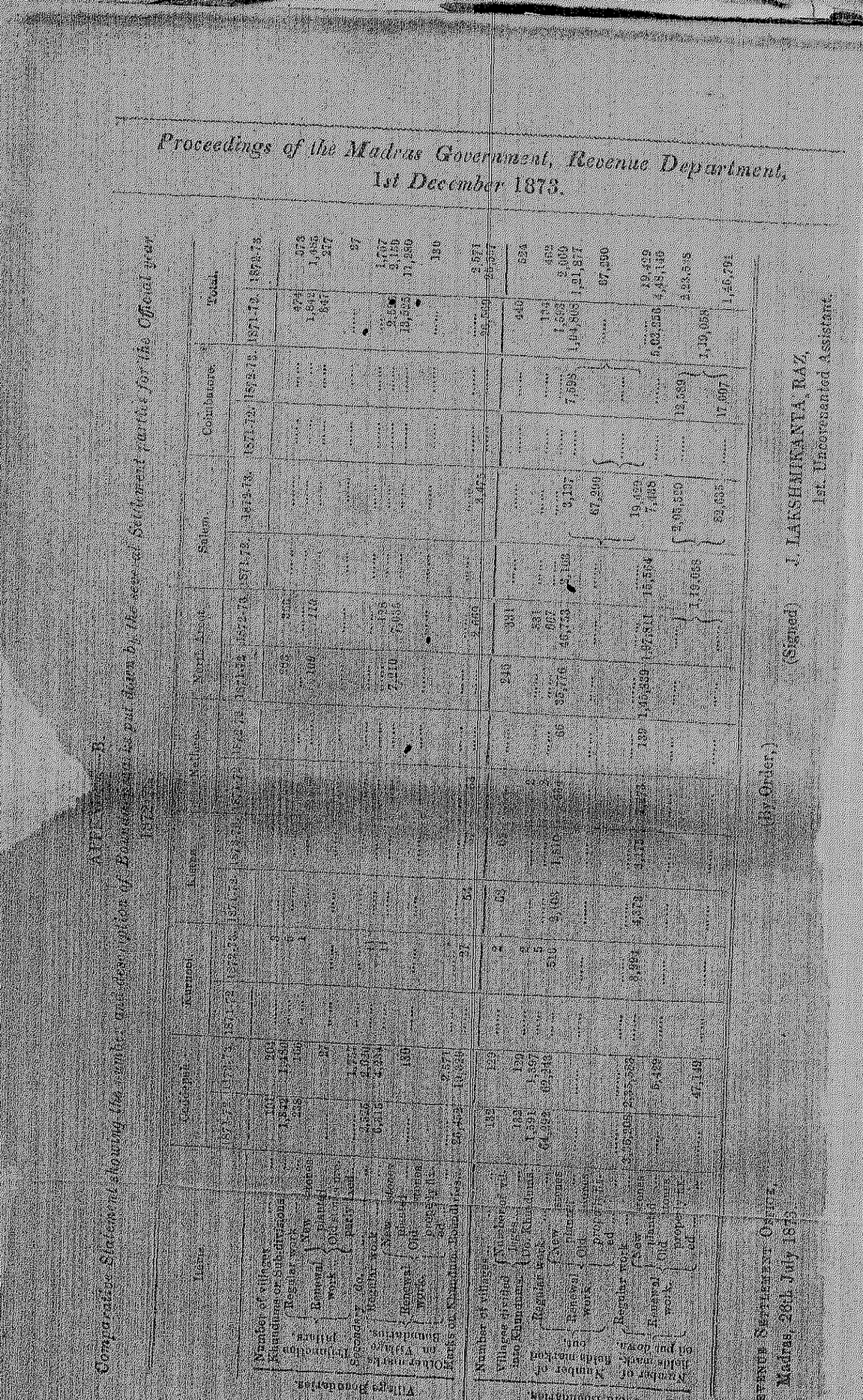
(By order.)

REVENUE SETTLEMENT OFFICE,
Madras, 26th July 1873.

(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

* NOTE.—The cost of demarcation in North Arcot looks high for the following reason. Railway Station demarcation within the one mile radius, the straightening of bends carried on with very great nicety, also amalgamating the portions throughout two talugs, and the large number of boundary disputes settled (118) all tended to lower actual outturn. It was at one time contemplated to increase Mr. Rundall's field hands, and thus lower cost per square mile during the year, but the deductions made in the Original Budget prevented this.

C. B.



Comparative Statement showing the results of Settlement during the Official year 1872-73.

Taluq.	Number of villages.	Area.	Assessment.	Average rate per acre.
Cuddapah	132	1,311	1,97,240	2-4-0
Kurnool	123	64,402	42,249	0-10-5
Total	255	65,713	2,39,489	3-14-5

(By Order,)
(Signed) J. LAKSHMIKANTA RAZ,
1st Uncovenanted Assistant.

Revenue Settlement Office,
Madras, 26th July 1873.

Proceedings of the Madras Government, Revenue Department,
1st December 1873.

THIS report on the working of the Revenue Settlement Department in 1872-73 will be submitted for the information of Government.

2. The Director promises to submit in a separate communication a report of the effect of the revision of assessment in districts already settled as gathered from the Revenue returns of the year under review.

3. There were five parties employed during the year in eight districts. The Board will notice the work of these in the order of their importance.

4. CUDDAPAH AND KURNOOL.—The operations of this party were carried on in four tracts of country separately dealt with for settlement, viz., the three eastern taluqs of Cuddapah, the four sub-division taluqs and Pulivendla, the three northern taluqs of Cuddapah with Koilcuntla in Kurnool, and the Pattikonda taluq in the latter district. A portion of the party were employed in the last tract under the direct supervision of the Director, and the work in the remaining three was under the Deputy Director Major Stuart.

5. The report containing proposals for the settlement of the three eastern taluqs of Cuddapah, viz., Pullumpett, Sidhout and Budvel, is completed and in the press. The result is an increase of revenue from Rupees 753,894 to 8,42,561, or 12 per cent., made up of increase of 12½ per cent. in dry, and 9½ per cent. in wet.

6. The out-door work in the second tract is nearly finished, the hands having moved during the year from Kadiri to Pulivendla and completed about two-thirds of the latter taluq. The report [illegible] Board

G. O., 6th February 1873, No. 143, and some preparations seem to have been made for the introduction of the new rates.

8. There is considerable decrease in the amount of demarcation performed in these tracts which is attributed by the Director to the loss of time in moving from one taluq to another, to fever among the servants, and to relaxation of effort owing to impending abolition. The daily average area is however higher owing to the character of the country. The rates for stones are higher than in the previous year. Some difficult demarcation of district boundaries was carried out. 57,063 boundary marks in the northern tract were renewed, and the work is said to be good. The area classified was 21 per cent. in excess of the outturn for the previous year.

9. The revised rates for the Pattikonda taluq of Kurnool were introduced with success and expedition. The sanctioned scheme amounted to Rs. 2,19,064 being 17 per cent. above the old beriz; but the result of the settlement as introduced was a demand of Rupees 2,08,223, or 14 per cent. increase. The Settlement registers have been sent to the Collector but the maps are not yet ready.

10. The party second in importance is that employed in Salem and Coimbatore. The outturn of work in the former district was good. It consisted of revision of classification, and restoration of old demarcation both which items show considerable increase—the latter work being especially well done; the measurement of minor holdings, revision of ayents, etc. The new rates were also introduced into two taluqs—Dharampuri and Kistnagiri, the result being to

raise the revenue from Rupees 2,71,744 to Rupees 3,17,863 or 17 per cent. It was expected that the district would be completed in the first half of the current year. In Coimbatore operations were carried on in the Perindorai taluq, of which about half was classified, by a section of the party under Mr. Cook. Re-demarcation especially of porambokes, and channels and of lands affected by the Railway was carried out, besides the usual measurement of interstitial fields, etc.

11. The party under Mr. Rundall for Nellore and North Arcot was chiefly employed during the year in the latter district. Demarcation and classification were carried on in Chittoor and Chaudragiri taluqs, the outturn of work showing on the whole an increase over last year. The demarcation is said to be excellent in quality and the cost to the ryots is low. One hundred and fifteen boundary disputes were settled and tank ayacuts were revised. In Nellore District there was little field work. Proposals for the new settlement of the three taluqs composing the sub-division were submitted for sanction, the increase of revenue being 10 per cent. Preparations were also made for introducing the revised rates sanctioned for the Principal Division, in G. O., 6th March 1873, No. 267, Revenue Department.

12. The Government approved the scheme for the Guntoor division of the Kistna District in May 1873, and in October Mr. Cox was sent to take up the party there and to introduce the new rates. Excellent progress seems to have been made by the season.

hope that they will be better adhered to in future. The preparation of the settlement Accounts was pushed on, and Mr. Cox was able to introduce the new rates into two whole taluqs, Guntur and Sattenapalli, besides thirty-four villages of Repalli and Bapatla. The revenue of the two taluqs as now settled is Rupees 7,45,766 in excess of the settlement as sanctioned by Rupees 38,068 or 5½ per cent.

13. The fifth party was employed in Chingleput under the personal supervision of the Director. The three taluqs forming the principal division of the district were completed, and the co-ordination of the results for the preparation of the report were in progress. The measurement of minor holdings by paid volunteers was again found successful.

14. The outturn of work by the whole department in demarcation show a decrease in area returned as demarcated, though there was in reality no decrease in the amount of work done. There was a large increase, 52 per cent. in the area classified with at the same time a considerable decrease in the cost per mile. The expenditure of the department was Rupees 2,96,760 including the sum spent by the Collector of Tinnevelly, or in excess of the grant by Rupees 29,000 nearly. This is said to be owing to heavy reductions of the budget proposed by the Director.

15. Mr. Banbury was absent from head-quarters ninety-eight days in all during the year.

16. The report shows on the whole that under the energetic supervision of the Director the operations of the department was prosecuted with vigour and success during the year under review. The revision of tank ayacuts which now forms a regular part of Settlement work, is an important matter, and the benefit to the revenue derived from the results of the close and searching field examination which precedes classification being placed at the disposal of the Collectors at once is probably very great. The Director appears to attach just importance to this matter. The Board are pleased to learn that the relations between the Department and district officers were as generally hitherto all that could be desired. Mr. Banbury's suggestion that one of the Settlement men should be taken on the ordinary establishment in every taluq either as Taluq Gumastahs or Revenue Inspectors is highly practical and commends itself to the Board. Mr. Leman is requested to give effect to it in the Kistna if possible and as opportunity offers.

No. 10. ORDER THEREON, 1st December 1873, No. 1,330.

Land Revenue, No. 1.

RECORDED.—The Government concur with the Board that the work of the year has been very satisfactory.

"Extract."

To the Board of Revenue.

Ed. G. A. Tarbat.

Govt. of Bengal Silabus

REVENUE.

To

The Board of Revenue.

Dated December 1st.

Read. Rd.

G. O., 1st December 1881, No. 1339.

DECEMBER.

Nos. 9-10.

Decennial Settlement Proceedings.—Records, Proceedings of the Board of Revenue on the report on the working of the — in 1872-73, and communicating with them that the work of the year has been very satisfactory.