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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Rev. DEPARTMENT

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No. $\frac{2603}{61}$.

REVENUE SETTLEMENT OFFICE,
MADRAS, *24th Nov.* 1873.

To

THE SECRETARY TO GOVERNMENT,

Revenue Department.

SIR,

I HAVE the honor to report what progress has been made during the 2nd quarter of the current official year. The Settlement work of each District will be noticed in the usual order.

KISTNA.—2. Mr. Cox was occupied in finally introducing the new Settlement into the remaining Taluqs of Narasuraupett, Vinukondah and Palanad which were completed at the end of the quarter. The financial results by this measure in the above Taluqs exhibit an increase of Rs. 31,043 over the former revenue, vide my letter to the Board No. $\frac{2358}{60}$, dated 24th October. The report on the introduction of the new Settlement into Repally, Bapatla, Guntur and Sattanapalli, which were completed during the quarter preceding was submitted to the Board* on the 8th September last, No. $\frac{1906A}{60A}$ and gave details as to the enhancement of Rs. 1,69,621 by the new régime.

* Board's Proceedings, No. 2039, dated 7th October 1873.

The several branches of work performed by this party are given below :—

Field-work.—3. This item comprises as usual the demarcation, survey and classification of lands newly broken up since the original demarcation, and shows a large increase over that of the quarter preceding. The following statement furnishes details :—

Items.	Last Quarter.		In this Quarter.		Difference.	
	Acres.	Square miles.	Acres.	Square miles.	Acres.	Square miles.
Area demarcated ...	4,389	6·85	12,756	19·43	+8,367	+12·58
No. of stones put down.	2,426	...	8,081	...	+5,655	...
Area classified ...	4,012	6·27	11,769	18·39	+7,757	12·12
Area surveyed ...	4,443	6·95	13,298	20·78	+8,855	+13 83

Measurement of interstitial fields.—4. The outturn under this head for the present quarter is nearly three times that of its predecessor, and is due to the

Collector having called upon the Kurnums to aid to the utmost. The improvement thus caused is clear from the following abstract :—

Items.	Last Quarter.	In this Quarter.	Difference.
No. of villages	120	148	+ 28
No. of survey fields	1,834	4,181	+ 2,347
No. of sub-divisions	4,659	12,299	+ 7,640
Area measured in acres... ...	9,720	22,899	+13,179

Account work.—5. Only the chief items of work are given as usual. Puttahs were issued for the three Taluqs settled during the quarter.

Items.	No. of Villages.	Survey Numbers.
Calculating the fieldwar assessment ...	10	19,604
Examination of Amarakam account ...	78	56,234
Writing out Asamiwar registers... ...	154	80,710
Writing out Settlement Tickets... ...	181	89.150

Tank ayacuts.—6. The old ayacut under irrigation has been adjusted in the four villages which remained to be dealt with in this respect.

The total outlay of the party during the present quarter is Rs. 10,178 against Rs. 8,744 in the quarter previous. The increase is owing to the cost of the establishment being heavy, as extra hands had to be entertained for the completion of the account work within a given date, and to the pay of the Uncovenanted Assistant having been drawn for the whole three months of the present quarter instead for only one month as in that preceding.

KURNOOL AND CUDDAPAH.—7. This, our largest party, was engaged, as in the previous quarter, on field-work in Pulivendla, on the introduction of the new Settlement into the four Taluqs of Cuddapah, &c., on the definition of hill boundaries in the Taluqs of Sidhout, Budvail, Pullampet and Voilpad, on the revision of tank ayacuts, and on the delineation of the District boundary between Nellore and Cuddapah, which latter task was completed with the exception of a single village. The progress of work under each head will now be noticed separately.

Field-work.—8. This comprises original demarcation and classification in the Pulivendla Taluq ; and also of lands newly occupied in the Taluqs under Settlement, which, being then waste, were not dealt with in detail at the time of demarcation. The following statement shows the progress under the above heads. The falling off in detail work in Pulivendla is due to the Taluq drawing to a close, only 13 villages remaining to be finished at the end of September. The hands thus set free were employed on other miscellaneous duties as detailed hereafter. The increase in Jammalmadugu, &c., Taluqs is due to the exertions of Rajagopalachary, the Uncovenanted Assistant, entrusted with the task of introducing the new Settlement into these Taluqs. It must be noted that the isolated patches of land above referred to are also surveyed by this Department and entered at once in the classification registers.

Items.	Last Quarter.		In this Quarter.		Difference.	
	Acres.	Square miles.	Acres.	Square miles.	Acres.	Square miles.
Demarcation in detail	30,561	47	21,605	34	— 8,956	— 13
Do. into Khandams ...	29,867	47	66,601	104	+ 36,734	+ 57
Do. classified	39,981	62	20,658	32	—19,321	— 30
Demarcation, classification and survey in Jammalmadugu, Proddatore and Koilkuntala...	2,926	5	3,718	6	+3,718	+ 1

Demarcation proper.—9. The total number of stones planted during the present quarter by Major Stuart's party shows a falling off when compared with that of the quarter preceding, owing to the diminution in the number of fields dealt with. The stones planted by the Uncovenanted Assistant's men show an increase as there were two Taluqs in hand during the present quarter against only one in that preceding.

Description of Stones.	Last Quarter.	In this Quarter.	Difference.
No. of field stones	20,462	12,785	— 7,677
No. of stones erected on village boundaries	803	1,569	+ 766
Do. do. Khandams ...	2,902	5,430	+ 2,528
Total...	24,167	19,784	— 4,388
Field stones planted in Jammalmadugu Proddatore and Koilkuntala	3,507	4,975	+ 1,468
Total...	27,674	24,759	— 2,915

Restoration of Demarcation.—10. This task is confined to the Taluqs under Settlement, and consists of replacing the missing stones, and firmly embedding those

that have become loose and slanting. The figures are available for Cuddapah alone and are given below. Rajagopalachary, however, attends to this work in the three Taluqs under his charge and has made good progress therein.

Items.	Last Quarter.	In this Quarter.	Difference.
No. of field stones renewed ...	8,615	2,681	— 5,934
Do. boundary stones ...	286	516	+ 230
Total...	8,901	3,197	— 5,704

Hill boundary work.—11. This branch, as mentioned above, was attended to in Budvail, &c., Taluqs, and it is reported that twenty-three Government and five Shrotriem villages were completed during the quarter against twelve, and six, respectively in the one previous. Sidhout Taluq was finished in this respect, with the exception of only one village ; and the remaining Taluqs must ere long be out of hand.

Interstitial fields.—12. The out-turn looks well, and shows that attention has been duly paid to this duty which must be performed before the new rates can be introduced. Here, as in the Kistna, the Revenue authorities had allowed the manufacture of these broken fields after survey, so that these have now all to be measured and properly recorded.

Taluqs.	Last Quarter.		In this Quarter.		Difference.	
	No. of Survey fields.	No. of Sub-divisions.	No. of Survey fields.	No. of Sub-divisions.	No. of Survey fields.	No. of Sub-divisions.
Jammalmadugu ...	142	426	1,367	4,012	+ 1,225	+ 3,586
Pullampet	446	1,400	...	...	— 446	— 1,400
Cuddapah	2,793	7,309	4,806	12,336	+ 1,513	+ 5,027
Proddatore	488	1,282	2,390	6,336	+ 1,902	+ 5,054
Koilkuntla	...	...	463	1,227	+ 463	+ 1,227
Total...	3,869	10,417	8,526	23,911	+ 4,657	+ 13,494

Revision of Tank, &c., ayacuts.—13. The adjustment of the ayacut under irrigation is carried on simultaneously with the introduction of the new Settlement into the four Taluqs of Cuddapah, &c., and progress is also being made in the Taluqs of Royachoty, Pulivendla and Sidhout. The following statement gives the particulars for the three Taluqs last mentioned, and also of Cuddapah, as the figures are not available for the rest.

Items.	No. of Survey fields.	Acres.
Existing wet ayacut	13,787	12,902
Area transferred from Wet to Dry ...	1,123	1,618
Remaining	12,664	11,284
Add area transferred from Dry to Wet.	1,437	2,172
Total ayacut	14,101	13,456
Of which area classed as Dofasal ...	7,750	7,153

Introduction of Settlement.—14. The preparation of the necessary accounts preliminary to the distribution of puttahs has been attended to by Major Stuart and Rajagopalachary, the former introducing the Settlement into the Cuddapah Taluq and the latter into those of Jammalmadugu, Koilkuntla and Proddatore. Under the superintendence of the latter officer, puttahs were prepared for seventy-one villages, which is the chief item of importance. The detail of accounts prepared are given in the following abstract separately for Cuddapah and Jammalmadugu, &c., Taluqs, as the processes are somewhat different for the two parties.

Items.	No. of Villages.	Survey Nos.	Items.	No. of Villages.	Survey Nos.
CUDDAPAH.			JAMMALMADUGU.		
1. Comparing Survey areas with Classification Registers	8	30,902	1. Comparing and correcting the Classification Registers with reference to Kurnums' account of Fusly 1282.	84	60,513
2. Comparing Kurnums' accounts of Fusly 1282, with Classification Register.	9	5,472	2. Making abstracts of Classification...	121	75,515
3. Making abstracts of Classification according to Revenue accounts ...	15	9,163	3. Preparing Asamiwar accounts ...	109	18,411
4. Comparing abstracts with Classification Registers	12	6,571	4. Comparing the new Chittahs with Classification Registers and Chittahs of Fusly 1280	116	43,895
5. Comparing the Kurnums' area entered in the Classification Register with the Adangal accounts of Fusly 1280...	45	31,639	5. Preparation of Asamiwar Tickets ..	71	16,033
			6. Preparing revised accounts for the excess discovered in Minor Inams..	42	7,737

The outlay on account of this party incurred during the quarter under report was Rupees 25,670-2-0 or Rupees 1,878-10-5 more than the expenditure of the preceding quarter. The above increase is partly due to the extra establishment for the introduction of the new Settlement into Cuddapah, &c., Taluqs, having been entertained throughout the present quarter instead of for only one month during the previous ; and partly to a similar establishment having been retained for the purpose of revising the irrigation ayacut.

NELLORE AND NORTH ARCOT.—15. Both the task of introducing the new Settlement into the Taluqs comprising the Principal Division of Nellore, and

field-operations in North Arcot progressed well during this quarter under Mr. Rundall's supervision.

Field-work.—16. This applies to classification and demarcation in the Taluq of Chittoor, and in certain villages of Gooriattam and Chendragiri where the demarcation of the Railway circuits has to be completed. The falling off in the item of demarcation is more than compensated for by the increase in classification to which considerable attention has been paid.

Items.	Last Quarter.		In this Quarter.		Difference.	
	Acres.	Square miles.	Acres.	Square miles.	Acres.	Square miles.
Demarcation in detail	24,207	38	21,732	34	—2,475	— 4
Do. into Khandams ...	8,148	13	16,566	26	+ 8,418	+ 13
Area classified...	13,182	21	22,651	35	+ 9,469	+ 14

Stones put down.—17. The number of stones put down in the course of demarcation is shown in the following statement. Mr. Rundall and Mr. Clerk, take care that the stones planted are of the best description procurable.

Description of stones.	Last Quarter.	In this Quarter.	Difference.
No. of field stones.....	45,806	44,815	— 991
Do. on village boundaries..	1,672	1,536	— 136
Do. on Khandams.....	4,562	4,608	+ 46
Total...	52,040	50,959	— 1,081

Besides the foregoing, 118 Boundary and 89 Khandam stones had to be planted when marking out the one mile radius at the Railway Stations in Gooriattam and Chendragiri. The definition of Zemindary boundaries over Hills was simultaneously carried on, and 43 Boundary stones were fixed in the course of this work. No experiments of produce were made during this quarter.

NELLORE.—18. The preparation of the various accounts necessary for the introduction of the new rates into the Principal Division Taluqs went on, and the following statement shows the details of work done. Nellore Taluq was completed in all respects, and the puttahs were finally distributed. Gudur and Rapur were made nearly ready for the distribution of puttahs. Atmakur and Udaiyagri were likewise entered upon, and work progressed accordingly.

Items.	Actual work in Survey Nos.
1. Preparation of Classwar List	1,20,401
2. Completing the above	1,32,637
3. Calculation of rates	1,20,994
4. Preparation of Chittahs...	71,487
5. Writing out Tickets	1,04,176
6. Comparing the above	85,859
7. Fair writing the Classwar List	18,324
8. Checking the rates	1,52,117

The expenditure on account of the Nellore and North Arcot party was Rs. 15,696 during the quarter, showing an increase of Rs. 2,763 over the outlay of that preceding. This is owing to the increased pay recently sanctioned for Mr. Rundall; and to the charges on account of the extra establishment entertained for the introduction of Settlement work, extending over only two months of the previous, against three months of the present quarter.

SALEM AND COIMBATORE.—19. Mr. Clogstoun was engaged in introducing the new Settlement rates into Oossoor, the only Taluq in Salem remaining to be dealt with, and this having been finished in September, the party moved into the adjoining District of Coimbatore, and at once took up the classification of the Palladum and Sattiyamangalam Taluqs. Mr. Cook's men had already well nigh completed the Perinthoray Taluq, so that as Colonel Priestley again required his services, they were placed at the disposal of the Survey, and the establishment absorbed in that superintended by Mr. Clogstoun.

The details of work performed in the two Districts are now given:—

SALEM.—20. *Re-classification.* The out-turn for the quarter under this item, stands at only half of what was done during three months previous; but this is owing to the work being restricted to Oossoor alone, whereas three Taluqs occupied attention in the quarter ending 30th June.

Items.	Last Quarter.	In this Quarter.	Difference.
Number of villages ...	231	142	— 89
Do. of survey fields...	46,478	22,880	— 23,598
Area classified in acres ...	1,43,406	71,181	— 72,225
Area in square miles	224	111	— 113

Interstitial fields.—21. The measurement of these minor fields was finished simultaneously with the revision of classification. The falling off under this head is attributable to the cause above given.

Items.	Last Quarter.	In this Quarter.	Difference.
Number of villages ...	231	103	— 128
Do. of survey fields ...	4,325	1,839	— 2,486
Do. of sub-divisions ...	10,047	4,378	— 5,669

Re-demarcation.—22. Under Mr. Clogstoun's efficient supervision, this task progressed as satisfactorily as during the previous quarters. The Taluqs which engaged attention during the present quarter were Oossoor and Darampury. These were completed, only 15 villages in all remaining to be finished at the end of September. The following statement shows the number of stones planted :—

Items.	Last Quarter.	In this Quarter.	Difference.
Number of stones newly planted	1,34,183	1,25,152	— 9,031
Number of old stones properly fixed ...	28,732	37,464	+ 8,732
Total...	1,62,915	1,62,616	— 299

Revision of Tank Ayacut.—23. The necessary adjustments were made by transfers from dry to wet and vice versa, and the irrigable capacity of the several sources of irrigation properly restricted. The extent involved by the above transfers was 904 and 298 acres respectively under the above heads :—

Account work.—24. The several accounts necessary for the completion of Settlement work were duly prepared. The chief of these are Registers, Chittahs and Puttahs which were finished for Oossoor. The item second in importance is the preparation of Diglott registers for the Press. The following abstract shows the progress made under the chief heads of account :—

Particulars.	No. of Villages.	Survey Nos.
1. Comparing Registers and making out Abstracts	349	63,111
2. Making Kataveni and comparing the same	349	45,529
3. Writing and comparing Chittahs	349	45,529
4. Calculating assessment and checking the same	349	57,173
5. Preparing and comparing Puttahs ...	384	51,184
6. Writing out Diglott Registers	303	61,097
7. Completing the back Registers (Diglott) for the Press	204	98,504

COIMBATORE.—25. *Classification.* Owing to the reinforcement of hands from Salem, the party was enabled to accomplish a larger out-turn during this quarter.

Items.	Last Quarter.	In this Quarter.	Difference.
No. of villages... ...	51	112	+ 61
Do. of fields... ...	8,779	23,319	+ 14,540
Area classified in acres ...	50,577	1,28,535	+ 77,958
Do. in square miles ...	79	201	+ 122

Concurrently with the classification, measurements of sub-divided fields were made to the following extent and here also matters look better :

Items.	Last Quarter.	In this Quarter.	Difference.
Number of villages ...	51	82	+ 31
Do. of survey fields ...	1,016	5,887	+ 4,871
Do. of sub-divisions ...	2,806	8,210	+ 5,404

Restoration of Demarcation.—26. The usual amount of care was observed in revising the demarcation, wherever this course was necessary in Perinthoray and Sattiyamangalam. Colonel Hessey completed Pulladum, so that is as good as can be. The number of stones newly planted and old stones firmly imbedded, is shown in the statement below ; and an enormous increase will be noticed when the figures are contrasted with those of quarter ending 30th June.

Items.	Last Quarter.	In this Quarter.	Difference.
Number of villages ...	26	43	+ 17
Do. stones newly fixed.	21,323	25,131	+ 3,808
Do. old stones properly fixed	14,952	31,371	+ 16,389

The subject of revising the ayacut under irrigation sources has received attention and the transfers recorded in Perundoray were 640 acres from "Dry" to "Wet" against only 8 acres from "Wet" to "Dry." These transfers were especially numerous under the Calingaroyen channel, the principal source of supply in the Taluq. Only 18 experiments of produce, 5 in Paddy, and 13 in Cumboo, were made during the quarter ; but this important item will not be overlooked.

The cost of the Salem and Coimbatore party amounted in the present quarter to Rs. 15,406-9-5 against Rs. 15,489-8-5 in the past quarter, or showing a decrease of Rs. 82-15-0.

CHINGLEPUT.—27. This small party is, as hitherto, under my direct management; and has been fully engaged, as in the last quarter, in the preparation of the

various accounts and details for the settlement of the Sydapett, Ponnery and Trivellore Taluqs. The results for each of the 585 villages are closed. I must go through them carefully again, and then begin the report as soon as that for Budwail, Sidhout and Pullampet is submitted to the Board. The progress made under this task will be seen from the following statement :—

Particulars.	Last Quarter.		In this Quarter.	
	No. of Villages.	No. of Survey fields.	No. of Villages.	No. of Survey fields.
1. Comparison of the Classification Registers with the Adangal accounts	288	96,077	1	207
2. Correcting the Classification Registers according to the correction list	136	12,192	...	...
3. Preparation of Katavani on the Survey areas...	152	47,494	323	92,576
4. Preparing abstracts on the Survey areas ...	141	29,386	380	119,558
5. Preparation of Katavani according to Jamabandy	...	...	323	92,576
6. Preparation of Jamabandy abstracts	...	...	322	92,511
7. Preparation of accounts showing the corresponding Adangal Nos. for Survey Nos. ...	...	...	152	49,670
8. Preparation of abstracts of the Manawari Punjai lands	...	...	97	...
9. Preparation of Tarawar Goshwara for calculating the proposed rates on each field	151	31,350	380	119,558
10. Calculating the proposed assessment... ...	...	...	209	...

A small detachment from the Chingleput party was sent early in July to restore the old survey in Areyagoshti in the South Arcot District as enjoined in the Government Order, dated 20th January 1873, No. 72. Considerable difficulty was found in identifying the fields after the lapse of so many years. But the task has been carried on and nearly two-thirds of the village have been completely demarcated by means of earthen mounds and pegs, the only marks available in that littoral tract. Measurement of interstitial fields had to be made in the fields demarcated, and 217 survey fields were thus divided into 1,308 sub-divisions. The Register will soon be prepared, and the old assessment applied to the correct survey areas, thus stopping all the roguery which has so long bothered the Revenue authorities.

The expenditure on account of the Chingleput party for the present quarter was Rs. 3,546-10-1 or Rs. 212-14-8 greater than the sum of the past quarter. This increase is attributable to new charges having been incurred for mounting Maps, and to the pay of the men employed at Areyagoshti having been defrayed out of the Chingleput Budget.

TINNEVELLY.—28. The outlay of this Settlement party under Mr. Puckle is compared below as usual. The increased expenditure was partly owing to the arrears of pay of Mr. Arundel while on privilege leave having been brought to account during the quarter.

Last quarter..... 9,706
In this quarter 16,810

Difference... 7,104

To summarize.—29. Mr. Cox has left the Kistna, having completed the work of introduction there, and a small establishment remains under the Head Gumastah to clear up arrears and prepare the Diglott Registers for printing. After Christmas, Mr. Cox will run up and see that they are making proper progress. In the Cuddapah District, Pulivendla, the last Taluq in which we have regular field-work, should be completed in a few days, and the hands will then want some new scene of work. Major Stuart is engaged upon the preparation of all details for the introduction of the new rates into Cuddapah, and he should soon begin the issue of the rough puttahs. Mr. Cox is similarly occupied with Jammalmadugu, Proddatore and Koilkuntla, and tickets would have been ready ere this, had not Rajahgopalachary been prostrated by illness, and his ever active head rendered useless for a while. In North Arcot, demarcation and classification are progressing in the Chittoor Taluq, as well as the usual collateral tasks connected therewith. Mr. Rundall is likewise hard at work introducing the new rates into Nellore, and has completed the issue of puttahs in Kavali and Nellore.

In Salem, Mr. Clogstoun finished Oossoor; thus completing the District and introducing, as far as Revenue is concerned, a far happier state of affairs than was anticipated when sanction was recorded. His field hands are now at work in Sattiyamungalam and Pulladam in Coimbatore. In Chingleput the work of preparing final abstracts for each village has been completed, and many of the details for preparing the report are now ready. It is a harder task than I had anticipated, performing this extra duty in addition to the legitimate work of the Office, but as soon as the Budwail, Sidhout and Pullampet report is sent off, I can begin preparing that for Chingleput. The Budvail report is unfortunately delayed, as modifications have to be made in the wet rates which are heavier than I like to see, and heavier than I could with confidence recommend.

I have the honor to be,
Sir,
Your most obedient servant,

Geo Ranking.

Director of Revenue Settlement.

Statement showing the Work and Expenditure in the Settlement Department for the 2nd Quarter of 1873-74, ending 30th September 1873.

	Districts.	Standard estimate for a quarter of a year.	Actual work.			Difference, Columns 2 and 5.	Expenditure.	Average cost per square mile.		
			In completed villages.	In villages in progress.	Total.					
1		2	3	4	5	6	7	8		
		Sq. M.	Sq. M.	Sq. M.	Sq. M.	Sq. M.	Rs.	Rs.	A.	P.
Demarcation.	Kistna	...	13	7	20	...	2,178	...	...	...
	Kurnool	...	3	...	3	...	546	...	...	...
	Cuddapah	375	104	32	136	239	9,245	67	15	8
	Salem	...	...	...	...	...	4,339	...	...	...
	Coimbatore	...	...	...	...	...	1,072	...	...	...
	North Arcot	...	28	32	60	...	5,820	97	0	0
	South Arcot	...	...	...	...	...	163	...	...	...
	Total	...	...	...	...	...	23,363	...	...	...
	Cost of boundary pillars ...	...	...	...	...	...	46	...	...	...
	Total...	...	...	...	...	...	23,409	...	...	...
Classification.	Kistna	...	11	7	18	...	9,966	...	...	...
	Kurnool	...	3	...	3	...	9,240	...	...	...
	Cuddapah	375	10	25	35	340	11,597	331	5	6
	Salem	...	...	...	...	...	9,607	...	...	...
	Coimbatore	...	117	84	201	...	3,319	16	8	2
	Nellore	...	...	...	...	...	9,303	...	...	...
	North Arcot	...	5	30	35	...	3,604	102	15	7
	Chingleput	...	...	...	...	...	4,069	...	...	...
	Total...	...	...	...	...	...	60,705	...	...	...
	Add charges not debitable to parties under this office ...	...	...	...	...	...	16,810	...	...	...
	Grand Total...	...	...	...	...	...	100924	...	...	...

REVENUE SETTLEMENT OFFICE,
MADRAS, *24th November* 1873.

(Signed) GEO. BANBURY,
Director of Revenue Settlement.

19-12-44 II

Rev: 1873: Dept
No. 3885

From Director of Rev: Settlement

To

The Secretary to Government,

Revenue Department

Copy to Board of Revenue.

Dated 24th November 1873.

Rec'd 5: Dec—a.

No. 2608/64

Submitting Progress Report for the quarter ending 30th September 1873.

No. 59

RECORDED.

Recorded
9: Dec: 1873

Foster, Press.—Madras.

Sel: Rev, Settt. dn. 10 sheets,

cc Deputy Sec